



2011

MISSOURI

TRAFFIC SAFETY COMPENDIUM

**MISSOURI STATE HIGHWAY PATROL
STATISTICAL ANALYSIS CENTER
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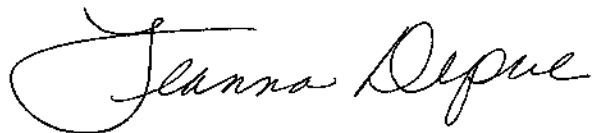
FOREWORD

The 2011 Missouri Traffic Safety Compendium is the twenty-fifth 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/publication_traffic_960grid.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 black ink, reading "Leanna Depue". The signature is written in a cursive style with a large, sweeping initial "L".

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

ACKNOWLEDGEMENTS

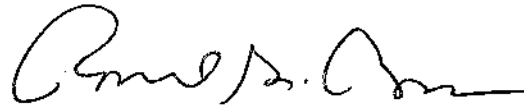
This publication was developed by the Missouri State Highway Patrol to provide Federal, State, and local traffic safety authorities with a comprehensive analysis of Missouri's traffic safety problems. Agencies, such as the Missouri Department of Transportation, Highway Safety Division, rely heavily on 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, Traffic and 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 (2011).

In 2011, Missouri had a total of 142,966 traffic crashes. The economic loss associated with these traffic crashes was estimated to be \$3,213,233,000. In these traffic crashes, 0.5% (716) involved one or more persons being killed in the incident. In addition, 24.8% (35,441) involved no persons being killed but one or more persons being injured in the incident.

In 2011, a total of 786 persons died in Missouri traffic crashes. One person was killed every 11.1 hours. The death rate (the number of deaths per 100 million miles of travel) was 1.1 in 2011. In 2010, the death rate was 1.2.

A total of 51,060 persons were injured in traffic crashes in 2011. One person was injured every 10.3 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 2011 Missouri traffic crashes, 17.3% were speed related. Of all fatal crashes, 38.2% were speed related. A total of 304 persons were killed and 11,096 were injured in this type of crash. In 2011, one person was killed or injured every 46.1 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 2011. Of all 2011 Missouri traffic crashes, 4.4% involved a person drinking. However, of all fatal crashes, 26.8% had a person drinking. A total of 208 persons were killed and 3,625 were injured in these crashes. In 2011, one person was killed or injured in drinking-involved crashes every 2.3 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 2011 traffic crashes, 24.8% involved one or more drivers under the age of 21. Of all fatal crashes, 18.3% 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 152 persons were killed and 12,808 were injured in traffic crashes involving young drivers. In 2011, one person was killed or injured in a young driver involved traffic crash every 40.6 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 2011 traffic crashes, 32.9% involved an older driver. Of all fatal crashes, 32.1% involved an older driver. A total of 247 persons were killed and 15,929 were injured in these traffic crashes. In 2011, one person was killed or injured in an older driver involved traffic crash every 32.5 minutes in the State of Missouri.
- Commercial motor vehicles were involved in a significant number of Missouri traffic crashes. In 2011, 9.2% of all traffic crashes involved a commercial motor vehicle. When examining fatal traffic crashes, 15.2% involved a commercial motor vehicle. A total of 120 persons were killed and 3,479 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 2.4 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 2011, 36.3% resulted in a person being killed or injured. However, in motorcycle involved crashes, 80.0% resulted in a death or personal injury. In 2011, 1.8% of all traffic crashes involved a motorcycle. In fatal traffic crashes, 11.3% involved a motorcycle. A total of 82 motorcyclist were killed and 2,166 were injured in motorcycle traffic crashes. One person was killed or injured in these crashes every 3.9 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 2011 Missouri traffic crashes, 0.7% involved a school bus or school bus signal. One person was killed and 320 were injured in these crashes. In 2011, one person was killed or injured in school bus involved traffic crashes every 1.1 days 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 2011, 36.3% resulted in a person being killed or injured. However, in bicycle traffic crashes, 84.4% resulted in a death or personal injury. Of all 2011 Missouri traffic crashes, 0.5% involved a bicycle. Of all fatal traffic crashes, 0.1% were bicycle related. One bicyclist was killed and 581 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 2011, 36.3% resulted in a person being killed or injured. However, in pedestrian traffic crashes, 91.2% resulted in a death or personal injury. Of all 2011 Missouri traffic crashes, 1.0% involved a pedestrian. Of all fatal traffic crashes, 10.2% involved a pedestrian. A total of 75 pedestrians were killed and 1,377 were injured in these traffic crashes. One person was killed or injured in a pedestrian traffic crash every 6.0 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 2011 Missouri traffic crashes, 19.8% involved a fixed object being struck as part of the first harmful event. In fatal crashes, 43.3% involved a fixed object. A total of 333 persons were killed and 11,056 were injured in fixed object traffic crashes. One person was killed or injured every 46.2 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 2011 traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 1.0% were hazardous material related. Seven people were killed and 44 were injured in hazardous material crashes. One person was killed or injured in these crashes every 7.2 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 2011, 1.4% of all traffic crashes involved a construction / other work zone. When examining fatal traffic crashes, 1.4% were associated with a construction / other work zone. Ten people were killed and 711 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 12.2 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 2011 Missouri traffic crashes, 32.6% were wearing seat belts. Of the passengers killed in these types of vehicles, 30.3% wore their seat belt. For drivers involved in traffic crashes not killed or injured, 97.5% 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 (2011).

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

The traffic safety data contained in this publication are segmented into four sections. The first section displays the 2011 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 2011 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 2011 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**

2011

5

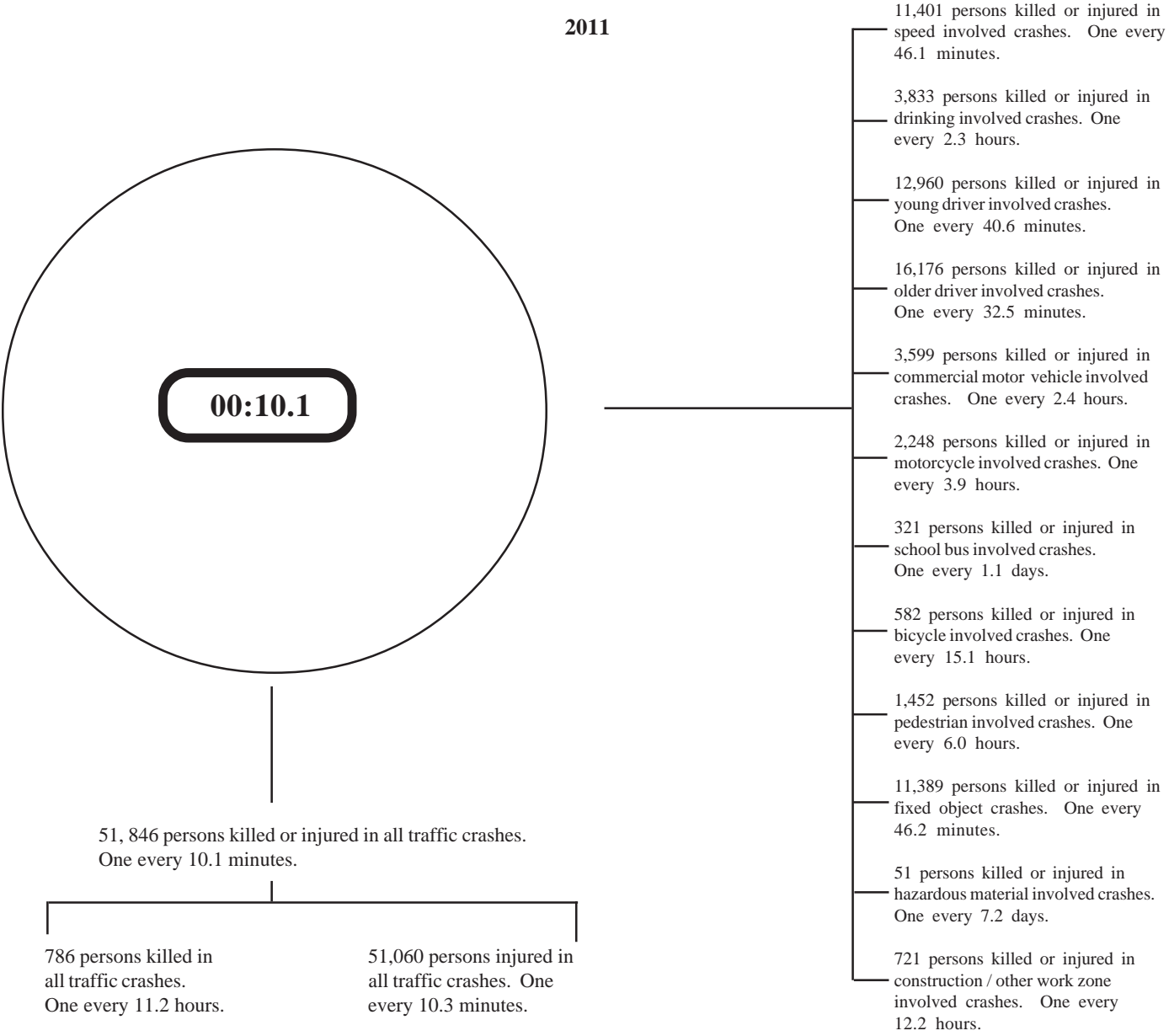


FIGURE 1.0.1

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

1987 - 2011

Year	Killed	Injured	Economic Loss	Licensed¹ Drivers	Vehicles² Registered	Miles² Travelled	Death Rate³	Injury Rate⁴
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	3,935,879	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
2011	786	51,060	3,213,233,000	4,408,057	5,138,607	68,787,970,653	1.1	74.3

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

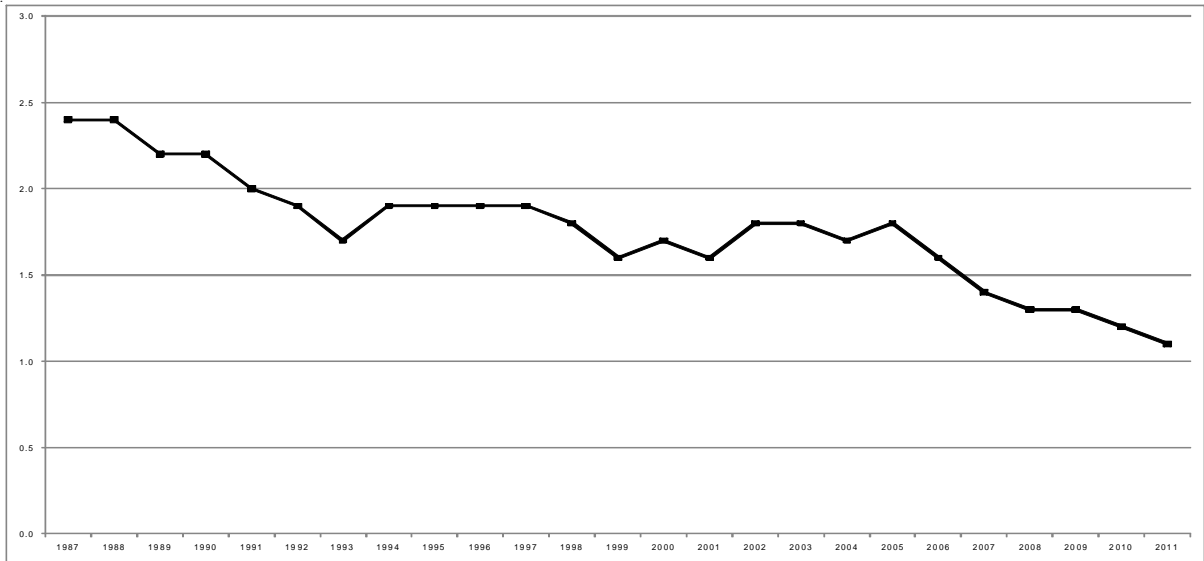
2002 - 2011 MISSOURI TRAFFIC CRASHES

YEAR BY CRASH SEVERITY

YEAR	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL
2002	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>
2003	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>
2004	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>
2005	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>
2006	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>
2007	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>
2008	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>
2009	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>
2010	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>
2011	716		35,441		106,809		142,966
<i>ROW %</i>	<i>0.5</i>		<i>24.8</i>		<i>74.7</i>		<i>100.0</i>

TABLE 2.0.2

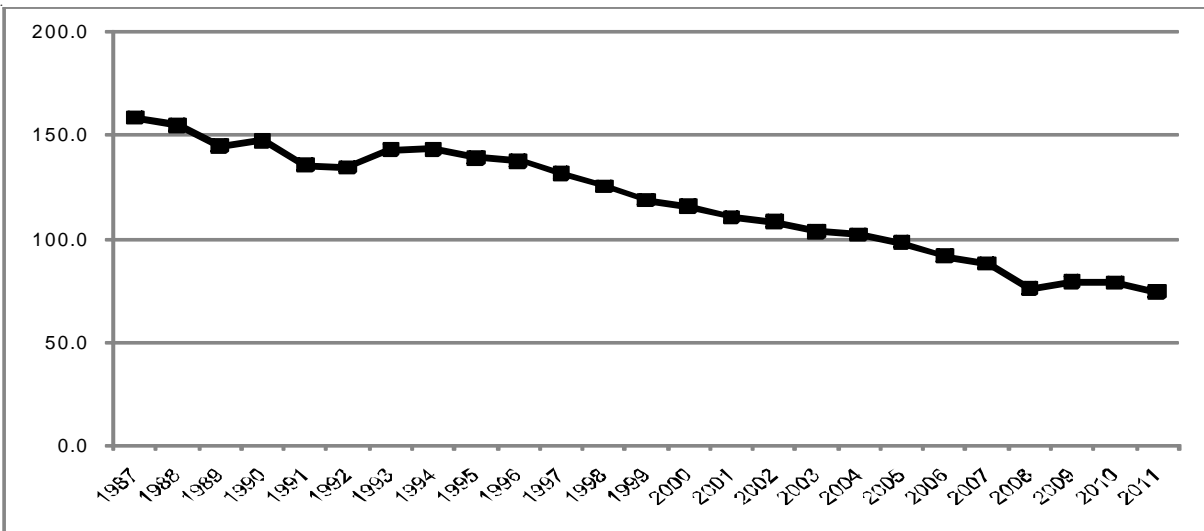
MISSOURI DEATH RATE¹
ANNUAL TIME SERIES



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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 0.5% involved one or more persons being killed in the crash (Fatal) and 24.8% involved no persons killed, but one or more persons injured in the crash (Personal Injury). In 74.7% of the crashes, no persons were killed or injured, but property was damaged during the crash (Property Damage).
- There was a decrease of 8.0% for the fatal rate of change and a decrease of 5.5% when comparing all 2011 traffic crash activity with that in 2010.
- In 2011, 786 persons were killed and 51,060 were injured in traffic crashes in the State of Missouri.
- In 2011, one person was killed or injured in a traffic crash every 10.1 minutes in the State of Missouri.
- Of all 2011 crashes, the first harmful event in 64.2% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 19.8% of the cases, it involved a motor vehicle striking a fixed object. Of all 2011 fatal crashes, 43.3% involved a motor vehicle striking a fixed object.
- Of all 2011 traffic crashes, 66.3% occurred in an urban area of the State and 33.7% occurred in a rural area. However, in fatal crashes 70.5% occurred in rural area.
- Of all drivers in 2011 traffic crashes, 55.1% were male and 44.9% were female. The average age of drivers was 39.2 years.
- Of all drivers in 2011 traffic crashes, 87.5% had a Missouri driver's license, 10.1% had an out-of-state driver's license, and 2.5% 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.

2010 AND 2011 MISSOURI TRAFFIC CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	778	716	-8.0
PERSONAL INJURY	37,613	35,441	-5.8
PROPERTY DAMAGE	112,962	106,809	-5.5
TOTAL	151,353	142,966	-5.5
PERSONS KILLED	821	786	-4.2
PERSONS INJURED	54,875	51,060	-6.9

TABLE 2.1.1

2011 MISSOURI TRAFFIC CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	5	0.7	440	1.2	3,916	3.7	4,361	3.1
BICYCLIST	1	0.1	560	1.6	103	0.1	664	0.5
FIXED OBJECT	310	43.3	8,651	24.4	19,410	18.2	28,371	19.8
OTHER OBJECT	4	0.6	166	0.5	1,245	1.2	1,415	1.0
PEDESTRIAN	69	9.6	1,107	3.1	116	0.1	1,292	0.9
TRAIN	7	1.0	15	0.0	22	0.0	44	0.0
VEHICLE IN TRANSPORT	227	31.7	21,646	61.1	69,950	65.5	91,823	64.2
VEHICLE ON OTHER ROADWAY	3	0.4	22	0.1	88	0.1	113	0.1
PARKED VEHICLE	6	0.8	701	2.0	9,985	9.3	10,692	7.5
NONCOLLISION OVERTURN	70	9.8	1,873	5.3	1,155	1.1	3,098	2.2
NONCOLLISION OTHER	14	2.0	260	0.7	819	0.7	1,093	0.7
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

TABLE 2.1.2

2011 MISSOURI TRAFFIC CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	211	29.5	22,573	63.7	72,037	67.4	94,821	66.3
RURAL	505	70.5	12,868	66.3	34,772	32.6	48,145	33.7
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

TABLE 2.1.3

2011 MISSOURI TRAFFIC CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	473	66.1	28,636	81.7	89,019	86.0	118,128	84.8
CURVE	242	33.9	6,432	18.3	14,478	14.0	21,152	15.2
UNKNOWN	1	-	373	-	3,312	-	3,686	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

TABLE 2.1.4

2011 MISSOURI TRAFFIC CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	322	45.1	22,809	65.7	72,632	71.2	95,763	69.6
HILL	373	52.2	11,058	31.8	27,147	26.6	38,578	28.1
CREST	19	2.7	867	2.5	2,288	2.2	3,174	2.3
UNKNOWN	2	-	707	-	4,742	-	5,451	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

TABLE 2.1.5

2011 MISSOURI TRAFFIC CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	604	84.7	27,450	78.1	79,931	75.6	107,985	76.3
WET	94	13.2	5,967	17.0	18,369	17.4	24,430	17.3
SNOW	10	1.4	1,110	3.2	5,159	4.9	6,279	4.4
ICE	4	0.6	470	1.3	1,597	1.5	2,071	1.5
SLUSH	1	0.1	139	0.4	516	0.6	656	0.5
MUD	0	0.0	8	0.0	29	0.0	37	0.0
STANDING WATER	0	0.0	10	0.0	40	0.0	50	0.0
MOVING WATER	0	0.0	9	0.0	42	0.0	51	0.0
UNKNOWN	3	-	278	-	1,126	-	1,407	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

TABLE 2.1.6

2011 MISSOURI TRAFFIC CRASHES

LIGHT CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DAYLIGHT	389	54.3	25,211	71.1	76,031	71.2	101,631	71.1
DARK -- STREET LIGHTS ON	98	13.7	5,802	16.4	18,354	17.2	24,254	17.0
DARK -- STREET LIGHTS OFF	3	0.4	176	0.5	656	0.6	835	0.6
DARK -- NO STREET LIGHTS	217	30.3	3,916	11.0	9,842	9.2	13,975	9.8
INDETERMINATE	9	1.3	336	1.0	1,926	1.8	2,271	1.6
UNKNOWN	0	-	1	-	0	-	1	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

TABLE 2.1.7

2011 MISSOURI TRAFFIC CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	82	11.5	4,092	11.5	13,583	12.7	17,757	12.4
U.S. HIGHWAY	118	16.5	3,700	10.4	9,717	9.1	13,535	9.5
STATE NUMBERED	168	23.5	5,743	16.2	14,560	13.6	20,471	14.3
SINGLE STATE LETTERED	96	13.4	2,395	6.8	4,753	4.5	7,244	5.1
DOUBLE STATE LETTERED	34	4.8	945	2.7	2,076	1.9	3,055	2.1
OUTER ROAD	5	0.7	257	0.7	742	0.7	1,004	0.7
COUNTY ROAD	87	12.1	2,828	8.0	7,995	7.5	10,910	7.6
CITY STREET	120	16.8	14,758	41.6	50,199	47.0	65,077	45.5
INTERSTATE LOOP	0	0.0	62	0.2	203	0.2	265	0.2
OTHER ¹	5	0.7	661	1.9	2,978	2.8	3,644	2.6
UNKNOWN	1	-	0	-	3	-	4	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0

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

TABLE 2.1.8

2011 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	42	19.9	2,847	12.6	8,389	11.7	11,278	11.9	40	7.9	1,245	9.7	5,194	14.9	6,479	13.5	27	12.8	1,820	8.1	5,089	7.1	6,936	7.3	91	18.1	1,880	14.6	4,628	13.3	6,599	13.7
U.S. HIGHWAY	20	9.5	2,442	10.8	7,037	9.8	9,499	10.0	148	29.4	3,301	25.6	7,523	21.6	10,972	22.8	3	1.4	439	1.9	1,367	1.9	1,809	1.9	93	18.4	1,956	15.2	3,386	9.7	5,435	11.3
SINGLE STATE LETTERED	6	2.8	279	1.2	735	1.0	1,020	1.1	28	5.6	666	5.2	1,341	3.9	2,035	4.2	2	1.0	175	0.8	508	0.7	685	0.7	3	0.6	82	0.6	234	0.7	319	0.7
DOUBLE STATE LETTERED	5	2.4	276	1.2	970	1.3	1,251	1.3	82	16.2	2,552	19.8	7,025	20.2	9,659	20.1	106	50.2	13,836	61.3	45,778	63.5	59,720	63.0	14	2.8	922	7.2	4,421	12.7	5,357	11.1
OUTER ROAD	0	0.0	29	0.2	81	0.1	110	0.1	0	0.0	33	0.3	122	0.4	155	0.3	0	0.0	430	1.9	2,081	2.9	2,511	2.7	5	1.0	231	1.8	897	2.6	1,133	2.3
COUNTY ROAD	0	--	0	--	2	--	2	--	1	--	0	--	1	--	2	--	0	--	0	--	2	--	2	--	1	--	0	--	1	--	2	--
CITY STREET	211	100.0	22,573	100.0	72,037	100.0	94,821	100.0	505	100.0	12,868	100.0	34,772	100.0	48,145	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	211	100.0	22,573	100.0	72,037	100.0	94,821	100.0	505	100.0	12,868	100.0	34,772	100.0	48,145	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

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

TABLE 2.1.9

2011 MISSOURI TRAFFIC CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	12,501	8.7
FEBRUARY	11,396	8.0
MARCH	10,494	7.3
APRIL	10,934	7.7
MAY	12,226	8.6
JUNE	11,797	8.3
JULY	11,264	7.9
AUGUST	11,955	8.3
SEPTEMBER	12,073	8.4
OCTOBER	12,847	9.0
NOVEMBER	12,479	8.7
DECEMBER	13,000	9.1
TOTAL	142,966	100.0

TABLE 2.1.10

2011 MISSOURI TRAFFIC CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	13,941	9.8
MONDAY	20,849	14.6
TUESDAY	21,695	15.2
WEDNESDAY	21,094	14.8
THURSDAY	21,597	15.1
FRIDAY	24,373	17.0
SATURDAY	19,253	13.5
UNKNOWN	164	--
TOTAL	142,966	100.0

TABLE 2.1.11

2011 MISSOURI TRAFFIC CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	2,767	2.0
01:00A - 01:59A	2,612	1.8
02:00A - 02:59A	1,875	1.3
03:00A - 03:59A	1,532	1.1
04:00A - 04:59A	1,251	0.9
05:00A - 05:59A	1,853	1.3
06:00A - 06:59A	3,539	2.5
07:00A - 07:59A	7,863	5.5
08:00A - 08:59A	6,801	4.8
09:00A - 09:59A	5,563	3.9
10:00A - 10:59A	6,314	4.4
11:00A - 11:59A	7,442	5.2
NOON - 12:59P	8,899	6.3
01:00P - 01:59P	8,665	6.1
02:00P - 02:59P	9,596	6.8
03:00P - 03:59P	12,002	8.5
04:00P - 04:59P	11,769	8.3
05:00P - 05:59P	11,927	8.4
06:00P - 06:59P	8,171	5.8
07:00P - 07:59P	5,554	3.9
08:00P - 08:59P	4,733	3.3
09:00P - 09:59P	4,376	3.1
10:00P - 10:59P	3,669	2.6
11:00P - MIDNIGHT	3,079	2.2
UNKNOWN	1,114	--
TOTAL	142,966	100.0

TABLE 2.1.12

2011 MISSOURI TRAFFIC CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY¹

	FATAL CRASHES = 716	TOTAL CRASHES = 142,966
VEHICLE DEFECTS	1.5	2.7
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.4	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	37.8	16.8
IMPROPER PASSING	1.7	1.6
VIOLATION OF STOP SIGN	3.4	3.9
WRONG SIDE NOT PASSING	13.5	1.5
FOLLOWING TOO CLOSE	2.4	14.9
IMPROPER SIGNAL	0.1	0.2
IMPROPER BACKING	0.0	3.1
IMPROPER TURN	0.4	3.5
IMPROPER LANE USAGE / CHANGE	22.1	10.6
WRONG WAY ONE-WAY STREET	1.0	0.2
IMPROPER START FROM PARK	0.0	0.2
IMPROPERLY PARKED	0.3	0.4
FAILED TO YIELD	9.9	15.4
DRINKING	25.1	4.2
DRUGS	6.4	0.8
PHYSICAL IMPAIRMENT	5.3	1.9
INATTENTION	21.2	27.2

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 2011 Missouri fatal traffic crashes, it was found that in 25.1% of the crashes one or more drivers were drinking. In all traffic crashes, 4.2% had one or more drivers who were drinking.

TABLE 2.1.13

CAUSES OF DRIVER INATTENTION IN 2011 MISSOURI TRAFFIC CRASHES

TYPE OF INATTENTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CELL PHONE	11	7.3	587	5.9	1,239	4.1	1,837	4.6
AUDIO/VIDEO EQUIPMENT	1	0.6	207	2.1	463	1.5	671	1.7
COMPUTER EQUIPMENT	1	0.6	55	0.5	126	0.4	182	0.5
PASSENGER	0	0.0	321	3.2	614	2.1	935	2.3
TOBACCO USE	0	0.0	60	0.6	143	0.5	203	0.5
EATING / DRINKING	0	0.0	159	1.6	365	1.2	524	1.3
READING	0	0.0	26	0.3	63	0.2	89	0.2
GROOMING	0	0.0	20	0.2	51	0.2	71	0.2
OTHER	140	91.5	8,202	81.8	25,182	83.9	33,524	83.4
UNKNOWN	0	0.0	380	3.8	1,762	5.9	2,142	5.3
TOTAL	153	100.0	10,017	100.0	30,008	100.0	40,178	100.0

TABLE 2.1.14

DRIVERS IN 2011 MISSOURI TRAFFIC CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	24	2.3	1,384	2.2	11,871	6.1	13,279	5.1
KNOWN DRIVER	994	96.7	60,450	95.5	168,882	87.1	230,326	89.2
UNKNOWN DRIVER	13	1.0	1,481	2.3	13,060	6.8	14,557	5.6
TOTAL	1,031	100.0	63,315	100.0	193,813	100.0	258,159	100.0

TABLE 2.1.15

DRIVERS IN 2011 MISSOURI TRAFFIC CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	741	74.5	32,966	54.6	92,181	55.1	125,888	55.1
FEMALE	253	25.5	27,472	45.4	75,056	44.9	102,781	44.9
UNKNOWN	10	-	1,488	-	14,695	-	16,193	-
TOTAL	1,004	100.0	61,926	100.0	181,932	100.0	244,862	100.0

TABLE 2.1.16

DRIVERS IN 2011 MISSOURI TRAFFIC CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	41.6	-	38.9	-	39.3	-	39.2	-
14 YEARS AND UNDER	2	0.2	175	0.3	76	0.0	253	0.1
15 - 20 YEARS	130	13.1	8,961	14.9	25,214	15.1	34,305	15.1
21 - 25 YEARS	109	11.0	8,405	14.0	21,813	13.1	30,327	13.3
26 - 30 YEARS	104	10.5	6,599	11.0	18,399	11.0	25,102	11.0
31 - 35 YEARS	91	9.2	5,479	9.1	15,123	9.1	20,693	9.1
36 - 40 YEARS	61	6.1	4,881	8.1	13,639	8.2	18,581	8.2
41 - 45 YEARS	92	9.3	4,725	7.9	13,180	7.9	17,997	7.9
46 - 50 YEARS	80	8.0	4,955	8.2	14,002	8.4	19,037	8.4
51 - 55 YEARS	88	8.8	4,579	7.6	12,872	7.7	17,539	7.7
56 - 60 YEARS	85	8.5	3,785	6.3	10,268	6.2	14,138	6.2
61 - 65 YEARS	42	4.2	2,692	4.5	7,819	4.7	10,553	4.6
66 YEARS AND OVER	110	11.1	4,878	8.1	14,295	8.6	19,283	8.4
UNKNOWN	10	-	1,812	-	15,232	-	17,054	-
TOTAL	1,004	100.0	61,926	100.0	181,932	100.0	244,862	100.0

TABLE 2.1.17

DRIVERS IN 2011 MISSOURI TRAFFIC CRASHES
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	6	0.6	348	0.6	690	0.4	1,044	0.5
OPERATOR'S LICENSE	663	67.6	47,491	81.0	130,423	81.0	178,577	81.0
MOTORCYCLE ONLY	0	0.0	7	0.0	8	0.0	15	0.0
COMMERCIAL DRIVER'S LICENSE	109	11.1	3,101	5.3	9,960	6.2	13,170	6.0
SUBTOTAL	778	79.3	50,947	86.9	141,081	87.6	192,806	87.5
OUT STATE								
LEARNER'S PERMIT	0	0.0	6	0.0	25	0.0	31	0.0
OPERATOR'S LICENSE	67	6.8	4,747	8.1	13,718	8.5	18,532	8.3
MOTORCYCLE ONLY	0	0.0	0	0.0	1	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	36	3.7	696	1.2	2,991	1.9	3,723	1.7
SUBTOTAL	103	10.5	5,449	9.3	16,735	10.4	22,287	10.0
UNLICENSED	100	10.2	2,243	3.8	3,164	2.0	5,507	2.5
UNKNOWN	23	-	3,287	-	20,952	-	24,262	-
TOTAL	1,004	100.0	61,926	100.0	181,932	100.0	244,862	100.0

TABLE 2.1.18

VEHICLES IN 2011 MISSOURI TRAFFIC CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	389	37.8	34,100	54.0	104,742	55.1	139,231	54.7
SPORT UTILITY VEHICLE	166	16.2	10,563	16.7	32,808	17.2	43,537	17.1
LIMOUSINE	0	0.0	8	0.0	49	0.0	57	0.0
VAN	61	5.9	4,002	6.3	11,687	6.1	15,750	6.2
BUS	3	0.3	211	0.3	891	0.5	1,105	0.4
SCHOOL BUS	1	0.1	116	0.2	669	0.4	786	0.3
MOTORCYCLE	83	8.1	1,938	3.1	500	0.3	2,521	1.0
ALL TERRAIN VEHICLE	8	0.8	194	0.3	40	0.0	242	0.1
MOPED	1	0.1	113	0.2	30	0.0	144	0.1
BICYCLE	1	0.1	568	0.9	104	0.1	673	0.3
MOTOR HOME / CAMPER	2	0.2	14	0.0	86	0.1	102	0.0
FARM EQUIPMENT	4	0.4	43	0.1	156	0.1	203	0.1
CONSTRUCTION EQUIPMENT	1	0.1	28	0.0	157	0.1	186	0.1
OTHER TRANSPORT DEVICE	10	1.0	89	0.1	315	0.2	414	0.2
PICK-UP	202	19.7	9,391	14.9	29,684	15.6	39,277	15.4
OTHER TRUCK	96	9.3	1,776	2.8	8,352	4.4	10,224	4.0
UNKNOWN	3	-	161	-	3,543	-	3,707	-
TOTAL	1,031	100.0	63,315	100.0	193,813	100.0	258,159	100.0

TABLE 2.1.19

PERSONS KILLED AND INJURED IN 2011 MISSOURI TRAFFIC CRASHES

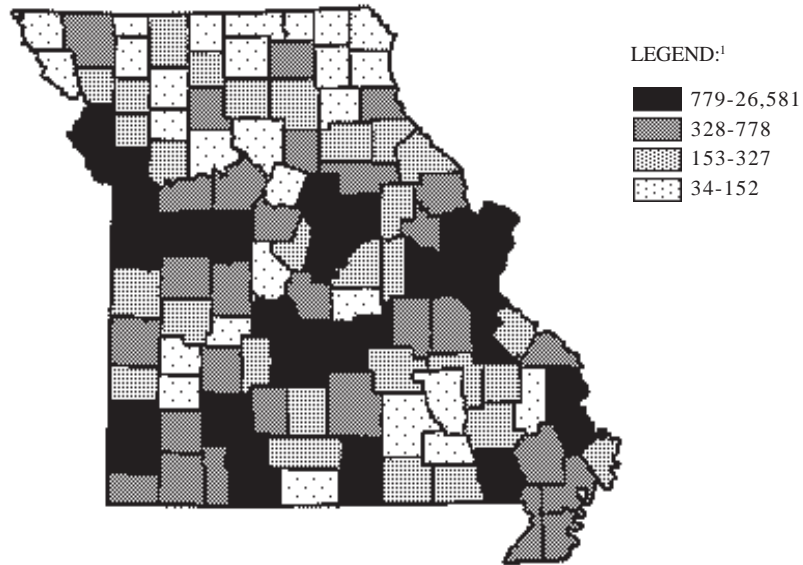
CRASH TYPE BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	TOTAL	%
ANIMAL	7	0.9	513	1.0	520	1.0
BICYCLIST	1	0.1	580	1.1	581	1.1
FIXED OBJECT	333	42.4	11,056	21.7	11,389	22.0
OTHER OBJECT	6	0.8	213	0.4	219	0.4
PEDESTRIAN	71	9.0	1,194	2.3	1,265	2.4
TRAIN	8	1.0	24	0.1	32	0.1
VEHICLE IN TRANSPORT	261	33.2	33,778	66.2	34,039	65.7
VEHICLE ON OTHER ROADWAY	3	0.4	42	0.1	45	0.1
PARKED VEHICLE	6	0.8	891	1.7	897	1.7
NONCOLLISION OVERTURN	76	9.7	2,442	4.8	2,518	4.9
NONCOLLISION OTHER	14	1.8	328	0.6	342	0.7
TOTAL	786	100.0	51,061	100.0	51,847	100.0

TABLE 2.1.20

2011 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	26581	18.6	22.0	JOHNSON	1102	0.8
2.0	JACKSON	20017	14.0	23.0	NEWTON	1065	0.7
3.0	ST LOUIS CITY	13840	9.7	24.0	CALLAWAY	1043	0.7
4.0	GREENE	8229	5.8	25.0	PULASKI	927	0.6
5.0	ST CHARLES	7666	5.4	26.0	LACLEDE	881	0.6
6.0	CLAY	4730	3.3	27.0	SCOTT	850	0.6
7.0	JEFFERSON	4245	3.0	28.0	HOWELL	821	0.6
8.0	JASPER	2998	2.1	29.0	CAMDEN	819	0.6
9.0	BUCHANAN	2656	1.9				
10.0	CAPE GIRARDEAU	2655	1.9				
11.0	BOONE	2312	1.6				
12.0	FRANKLIN	2285	1.6				
13.0	PLATTE	2204	1.5	30.0	MARION	778	0.5
14.0	COLE	1817	1.3	31.0	LINCOLN	777	0.5
15.0	CASS	1657	1.2	32.0	WARREN	733	0.5
16.0	PHELPS	1346	0.9	33.0	LAFAYETTE	657	0.5
17.0	TANEY	1318	0.9	34.0	WEBSTER	624	0.4
18.0	PETTIS	1296	0.9	35.0	LAWRENCE	605	0.4
19.0	BUTLER	1293	0.9	36.0	BARRY	592	0.4
20.0	CHRISTIAN	1194	0.8	37.0	STODDARD	591	0.4
21.0	ST FRANCOIS	1171	0.8	38.0	SALINE	574	0.4
				39.0	DUNKLIN	537	0.4
				40.0	CRAWFORD	528	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	STONE	522	0.4	78.5	RALLS	189	0.1
42.0	MILLER	508	0.4	80.0	HARRISON	187	0.1
43.0	RANDOLPH	503	0.4	81.0	DALLAS	186	0.1
44.0	COOPER	485	0.3	82.0	OREGON	185	0.1
45.0	HENRY	462	0.3	83.0	DOUGLAS	182	0.1
46.0	AUDRAIN	451	0.3	84.0	MISSISSIPPI	163	0.1
47.0	NEW MADRID	442	0.3	85.0	IRON	158	0.1
48.0	POLK	440	0.3	86.0	ST CLAIR	156	0.1
49.0	PERRY	428	0.3	87.0	MADISON	154	0.1
50.0	VERNON	402	0.3				
51.0	ADAIR	399	0.3				Third Quartile
52.0	NODAWAY	397	0.3				
53.0	WASHINGTON	384	0.3				Fourth Quartile
54.0	PEMISCOT	375	0.3	88.0	BOLLINGER	152	0.1
55.0	MC DONALD	357	0.2	89.0	CEDAR	150	0.1
56.0	BENTON	338	0.2	90.0	MARIES	139	0.1
57.5	LIVINGSTON	329	0.2	91.0	LEWIS	132	0.1
57.5	TEXAS	329	0.2	92.0	CARTER	131	0.1
			Second Quartile	93.0	HOWARD	128	0.1
				94.0	DAVISS	122	0.1
			Third Quartile	95.0	CARROLL	121	0.1
59.0	MONTGOMERY	327	0.2	96.0	OZARK	120	0.1
60.0	RAY	307	0.2	97.0	HOLT	117	0.1
61.5	GASCONADE	306	0.2	98.0	ATCHISON	111	0.1
61.5	STE GENEVIEVE	306	0.2	99.0	REYNOLDS	108	0.1
63.0	MORGAN	298	0.2	100.0	MONROE	106	0.1
64.5	MACON	282	0.2	101.0	SULLIVAN	97	0.1
64.5	RIPLEY	282	0.2	102.0	CLARK	96	0.1
66.0	DENT	275	0.2	103.0	CALDWELL	91	0.1
67.0	PIKE	274	0.2	104.0	HICKORY	87	0.1
68.5	MONITEAU	257	0.2	105.0	SHANNON	84	0.1
68.5	OSAGE	257	0.2	106.0	CHARITON	83	0.1
71.0	BATES	247	0.2	107.0	GENTRY	77	0.1
71.0	CLINTON	247	0.2	108.0	PUTNAM	69	0.0
71.0	WAYNE	247	0.2	109.0	DADE	59	0.0
73.5	ANDREW	230	0.2	110.0	SCOTLAND	57	0.0
73.5	WRIGHT	230	0.2	111.0	SHELBY	51	0.0
75.0	LINN	218	0.2	112.5	MERCER	48	0.0
76.0	DE KALB	215	0.2	112.5	SCHUYLER	48	0.0
77.0	BARTON	190	0.1	114.0	KNOX	39	0.0
78.5	GRUNDY	189	0.1	115.0	WORTH	34	0.0

TABLE 2.1.21

2011 MISSOURI TRAFFIC CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	15,896	15.2
2.0	ST. LOUIS	13,843	13.3
3.0	SPRINGFIELD	6,792	6.5
4.0	INDEPENDENCE	2,601	2.5
5.0	ST. JOSEPH	2,402	2.3
6.0	LEE'S SUMMIT	2,031	1.9
7.0	JOPLIN	1,929	1.8
8.0	CAPE GIRARDEAU	1,909	1.8
9.0	ST. CHARLES	1,819	1.7
10.0	COLUMBIA	1,585	1.5
11.0	O'FALLON	1,559	1.5
12.0	FLORISSANT	1,518	1.5
13.0	JEFFERSON CITY	1,484	1.4
14.0	ST. PETERS	1,471	1.4
15.0	CHESTERFIELD	1,447	1.4
16.0	MARYLAND HEIGHTS	1,172	1.1
17.0	CREVE COEUR	1,131	1.1
18.0	BLUE SPRINGS	1,067	1.0
19.0	KIRKWOOD	884	0.8
20.0	SEDALIA	870	0.8
21.0	TOWN AND COUNTRY	837	0.8
22.0	POPLAR BLUFF	829	0.8
23.0	HAZELWOOD	828	0.8
24.0	SUNSET HILLS	810	0.8
25.0	LIBERTY	710	0.7
26.0	ROLLA	689	0.7
27.0	BRIDGETON	670	0.7
28.0	RICHMOND HEIGHTS	659	0.6
29.0	ARNOLD	656	0.6
30.0	BRANSON	621	0.6
31.0	FENTON	593	0.6
32.0	BELTON	557	0.5
33.0	WENTZVILLE	529	0.5
34.0	RAYTOWN	514	0.5
35.0	HANNIBAL	500	0.5
36.5	CLAYTON	499	0.5
36.5	GLADSTONE	499	0.5
38.0	WASHINGTON	487	0.5
39.5	UNIVERSITY CITY	483	0.5
39.5	WARRENSBURG	483	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**

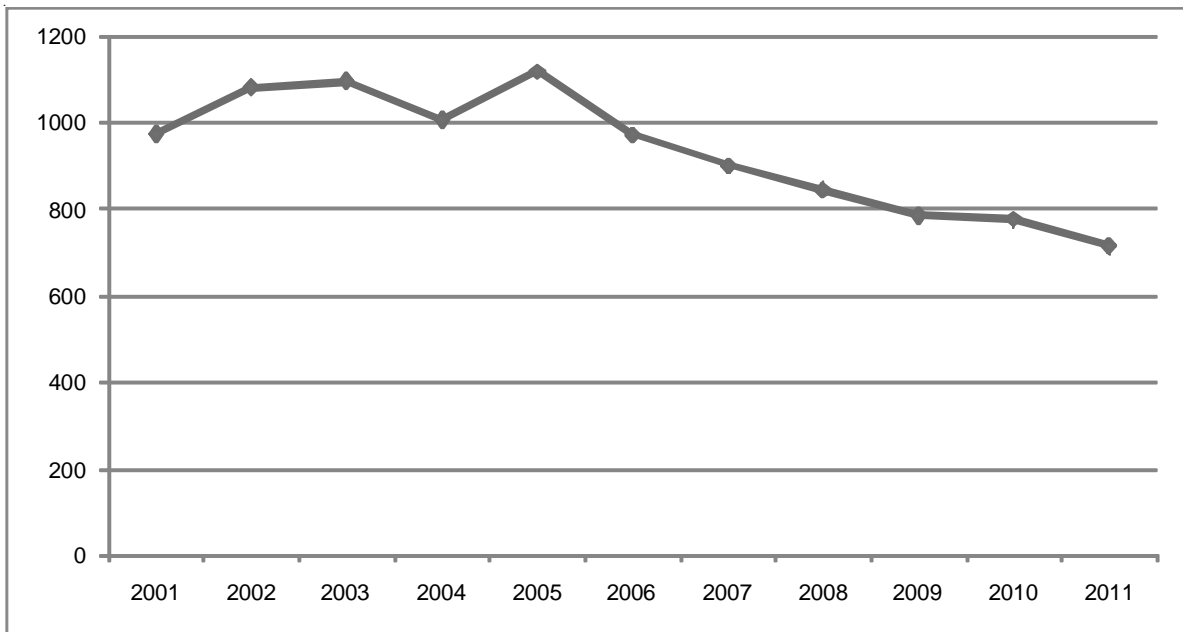


FIGURE 2.1.1

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

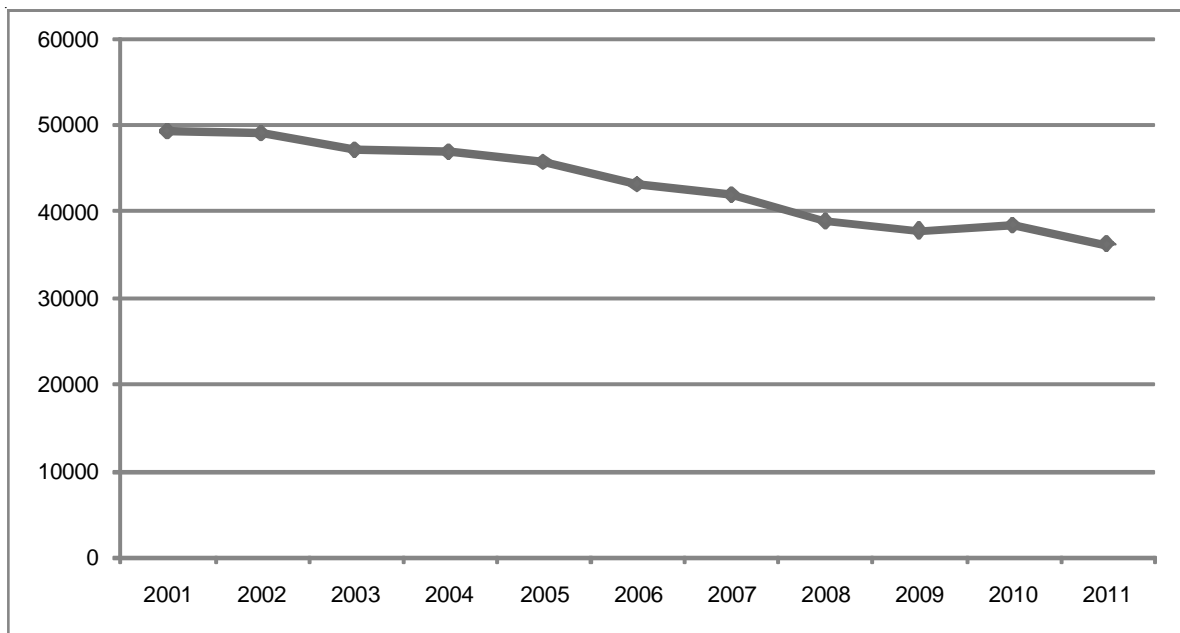


FIGURE 2.1.2

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 17.3% were speed related. Of all fatal traffic crashes, 38.2% were speed related. A total of 304 persons were killed and 11,096 were injured in speed-related traffic crashes.
- There was a decrease of 10.7% in the rate of change when comparing total 2011 speed-related crashes with those in 2010. There was a decrease of 10.6% when comparing 2011 fatal speed-related traffic crashes with 2010.
- In 2011, one person was killed or injured in a speed-related traffic crash every 46.1 minutes in the State of Missouri.
- Of all 2011 speed-related traffic crashes, the first harmful event in 38.4% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 48.9% of the cases, the first harmful event involved a motor vehicle striking a fixed object. Of all fatal speed-related traffic crashes, 60.7% involved a motor vehicle striking a fixed object.
- Of all 2011 speed-related traffic crashes, 52.9% occurred in urban areas of the State and 47.1% occurred in rural areas. However, 69.3% of the fatal speed-related traffic crashes occurred in a rural area.
- Of the speeding drivers in traffic crashes, 63.1% were male and 36.9% were female. The average age of speeding drivers was 32.7 years.
- Of the speeding drivers, 84.0% had a Missouri driver's license, 10.3% had an out-of-state driver's license, and 5.7% were unlicensed at the time of the traffic crash.
- Of the speeding drivers, 54.7% were driving an automobile and 18.8% were driving a pickup truck at the time of the crash.
- Of the speeding drivers in fatal traffic crashes, 36.4% had been drinking or had taken drugs which also contributed to the cause of the fatal traffic crash.

2011 MISSOURI TRAFFIC CRASHES

SPEED INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹	SPEEDING DRIVERS²	
									KILLED	INJURED	
SPEED INVOLVED	270	38.2	7,558	21.7	16,152	15.7	23,980	17.3	304	11,096	201
NO SPEED INVOLVED	437	61.8	27,242	78.3	86,790	84.3	114,469	82.7	473	39,025	-
UNKNOWN ³	9	-	641	-	3,867	-	4,517	-	9	939	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	201

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

2010 AND 2011 SPEED-INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	302	270	-10.6
PERSONAL INJURY	8,343	7,558	- 9.4
PROPERTY DAMAGE	18,217	16,152	-11.4
TOTAL	26,862	23,980	-10.7

TABLE 3.1.2

2011 SPEED-INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	2	0.7	12	0.2	21	0.1	35	0.1
BICYCLIST	0	0.0	16	0.2	2	0.0	18	0.1
FIXED OBJECT	164	60.7	3,705	49.0	7,866	48.7	11,735	48.9
OTHER OBJECT	2	0.7	35	0.5	131	0.8	168	0.7
PEDESTRIAN	6	2.2	63	0.8	5	0.0	74	0.3
TRAIN	0	0.0	1	0.0	0	0.0	1	0.0
VEHICLE IN TRANSPORT	51	18.9	2,682	35.5	6,469	40.0	9,202	38.4
VEHICLE ON OTHER ROADWAY	1	0.4	2	0.0	15	0.1	18	0.1
PARKED VEHICLE	2	0.8	148	2.0	903	5.6	1,053	4.4
NONCOLLISION OVERTURN	38	14.1	831	11.0	591	3.7	1,460	6.1
NONCOLLISION OTHER	4	1.5	63	0.8	149	0.9	216	0.9
TOTAL	270	100.0	7,558	100.0	16,152	100.0	23,980	100.0

TABLE 3.1.3

2011 SPEED-INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	83	30.7	3,671	48.6	8,929	55.3	12,683	52.9
RURAL	187	69.3	3,887	51.4	7,223	44.7	11,297	47.1
TOTAL	270	100.0	7,558	100.0	16,152	100.0	23,980	100.0

TABLE 3.1.4

2011 SPEED-INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	147	54.4	4,782	63.7	11,350	71.6	16,279	68.9
CURVE	123	45.6	2,724	36.3	4,508	28.4	7,355	31.1
UNKNOWN	0	-	52	-	294	-	346	-
TOTAL	270	100.0	7,558	100.0	16,152	100.0	23,980	100.0

TABLE 3.1.5

2011 SPEED-INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	97	35.9	4,019	54.0	9,208	58.7	13,324	57.0
HILL	164	60.7	3,179	42.7	6,029	38.4	9,372	40.0
CREST	9	3.3	242	3.3	457	2.9	708	3.0
UNKNOWN	0	-	118	-	458	-	576	-
TOTAL	270	100.0	7,558	100.0	16,152	100.0	23,980	100.0

TABLE 3.1.6

2011 SPEED-INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	209	77.4	3,787	50.5	5,128	32.0	9,124	38.3
WET	47	17.4	2,455	32.7	6,117	38.2	8,619	36.2
SNOW	9	3.3	801	10.7	3,390	21.1	4,200	17.6
ICE	4	1.5	360	4.8	1,068	6.6	1,432	6.0
SLUSH	1	0.4	85	1.1	283	1.8	369	1.6
MUD	0	0.0	4	0.1	11	0.1	15	0.1
STANDING WATER	0	0.0	7	0.1	17	0.1	24	0.1
MOVING WATER	0	0.0	2	0.0	9	0.1	11	0.1
UNKNOWN	0	-	57	-	129	-	186	-
TOTAL	270	100.0	7,558	100.0	16,152	100.0	23,980	100.0

TABLE 3.1.7

2011 SPEED-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	25	9.3	1,213	16.0	3,199	19.8	4,437	18.4
U.S. HIGHWAY	25	9.3	802	10.6	1,752	10.8	2,579	10.8
STATE NUMBERED	58	21.5	1,161	15.4	2,098	13.0	3,317	13.8
SINGLE STATE LETTERED	42	15.6	702	9.3	972	6.0	1,716	7.2
DOUBLE STATE LETTERED	18	6.7	254	3.4	393	2.4	665	2.8
OUTER ROAD	1	0.3	46	0.6	89	0.6	136	0.6
COUNTY ROAD	44	16.3	1,139	15.1	1,831	11.3	3,014	12.6
CITY STREET	55	20.3	2,119	28.0	5,536	34.3	7,710	32.1
INTERSTATE LOOP	0	0.0	2	0.0	14	0.1	16	0.1
OTHER ¹	2	0.7	120	1.6	268	1.7	390	1.6
TOTAL	270	100.0	7,558	100.0	16,152	100.0	23,980	100.0

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

TABLE 3.1.8

2011 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	16	19.3	817	22.3	1,768	19.8	2,601	20.5	9	4.8	396	10.2	1,431	19.8	1,836	16.2
U.S. HIGHWAY	5	6.0	372	10.1	776	8.7	1,153	9.1	20	10.7	430	11.1	976	13.5	1,426	12.6
STATE NUMBERED	8	9.6	309	8.4	782	8.8	1,099	8.6	50	26.7	852	21.9	1,316	18.2	2,218	19.6
SINGLE STATE LETTERED	1	1.2	52	1.4	147	1.6	200	1.6	41	21.9	650	16.7	825	11.4	1,516	13.4
DOUBLE STATE LETTERED	3	3.6	36	1.0	61	0.7	100	0.8	15	8.0	218	5.6	332	4.6	565	5.0
OUTER ROAD	1	1.2	30	0.8	57	0.6	88	0.7	0	0.0	16	0.4	32	0.5	48	0.4
COUNTY ROAD	2	2.4	56	1.5	125	1.4	183	1.4	42	22.5	1,083	27.9	1,706	23.6	2,831	25.1
CITY STREET	47	56.7	1,939	52.8	5,041	56.5	7,027	55.4	8	4.3	180	4.6	495	6.9	683	6.1
INTERSTATE LOOP	0	0.0	2	0.1	5	0.0	7	0.1	0	0.0	0	0.0	9	0.1	9	0.1
OTHER ¹	0	0.0	58	1.6	167	1.9	225	1.8	2	1.1	62	1.6	101	1.4	165	1.5
TOTAL	83	100.0	3,671	100.0	8,929	100.0	12,683	100.0	187	100.0	3,887	100.0	7,223	100.0	11,297	100.0

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

TABLE 3.1.9

2011 MISSOURI SPEED-INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	4,053	16.9
FEBRUARY	3,063	12.8
MARCH	1,707	7.1
APRIL	1,567	6.5
MAY	1,724	7.2
JUNE	1,334	5.6
JULY	1,351	5.6
AUGUST	1,503	6.3
SEPTEMBER	1,685	7.0
OCTOBER	1,473	6.1
NOVEMBER	1,816	7.6
DECEMBER	2,704	11.3
TOTAL	23,980	100.0

TABLE 3.1.10

2011 MISSOURI SPEED-INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	2,604	10.9
MONDAY	4,000	16.7
TUESDAY	3,741	15.6
WEDNESDAY	3,378	14.1
THURSDAY	3,251	13.5
FRIDAY	3,513	14.7
SATURDAY	3,471	14.5
UNKNOWN	22	--
TOTAL	23,980	100.0

TABLE 3.1.11

2011 MISSOURI SPEED-INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	664	2.8
01:00A - 01:59A	711	3.0
02:00A - 02:59A	538	2.3
03:00A - 03:59A	426	1.8
04:00A - 04:59A	386	1.6
05:00A - 05:59A	529	2.2
06:00A - 06:59A	934	3.9
07:00A - 07:59A	1,644	6.9
08:00A - 08:59A	1,378	5.8
09:00A - 09:59A	1,036	4.4
10:00A - 10:59A	1,007	4.2
11:00A - 11:59A	1,003	4.2
NOON - 12:59P	1,136	4.8
01:00P - 01:59P	1,134	4.8
02:00P - 02:59P	1,331	5.6
03:00P - 03:59P	1,531	6.4
04:00P - 04:59P	1,615	6.8
05:00P - 05:59P	1,559	6.6
06:00P - 06:59P	1,169	4.9
07:00P - 07:59P	906	3.8
08:00P - 08:59P	819	3.4
09:00P - 09:59P	826	3.5
10:00P - 10:59P	786	3.3
11:00P - MIDNIGHT	718	3.0
UNKNOWN	194	--
TOTAL	23,980	100.0

TABLE 3.1.12

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2011 MISSOURI CRASHES

TYPE OF SPEEDING VIOLATION

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
EXCEEDING SPEED LIMIT	100	36.4	1,052	13.6	1,497	9.1	2,649	10.8
TOO FAST FOR CONDITIONS	157	57.1	6,396	82.9	14,654	88.9	21,207	86.7
EXCEEDING SPEED LIMIT AND TOO FAST FOR CONDITIONS	18	6.5	266	3.5	326	2.0	610	2.5
TOTAL	275	100.0	7,714	100.0	16,477	100.0	24,466	100.0

TABLE 3.1.13

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	221	82.2	4,692	62.9	9,116	62.8	14,029	63.1
FEMALE	48	17.8	2,764	37.1	5,402	37.2	8,214	36.9
UNKNOWN	6	-	258	-	1,959	-	2,223	-
TOTAL	275	100.0	7,714	100.0	16,477	100.0	24,466	100.0

TABLE 3.1.14

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	35.5	-	39.9	-	32.6	-	32.7	-
14 YEARS AND UNDER	0	0.0	24	0.3	15	0.1	39	0.2
15 - 20 YEARS	54	20.1	1,838	24.8	3,745	25.9	5,637	25.5
21 - 25 YEARS	43	16.0	1,364	18.4	2,639	18.3	4,046	18.3
26 - 30 YEARS	38	14.1	908	12.2	1,825	12.6	2,771	12.5
31 - 35 YEARS	23	8.5	637	8.6	1,277	8.8	1,937	8.7
36 - 40 YEARS	15	5.6	554	7.5	986	6.8	1,555	7.0
41 - 45 YEARS	29	10.8	481	6.5	918	6.4	1,428	6.4
46 - 50 YEARS	18	6.7	463	6.2	902	6.2	1,383	6.2
51 - 55 YEARS	17	6.3	413	5.6	734	5.1	1,164	5.3
56 - 60 YEARS	7	2.6	277	3.7	515	3.6	799	3.6
61 - 65 YEARS	6	2.2	189	2.5	372	2.6	567	2.6
66 YEARS AND OVER	19	7.1	273	3.7	525	3.6	817	3.7
UNKNOWN	6	-	293	-	2,024	-	2,323	-
TOTAL	275	100.0	7,714	100.0	16,477	100.0	24,466	100.0

TABLE 3.1.15

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2011 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	2	0.8	73	1.0	101	0.8	176	0.8
OPERATOR'S LICENSE	185	69.3	5,678	77.8	11,221	79.5	17,084	78.8
MOTORCYCLE ONLY	0	0.0	0	0.0	1	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	18	6.7	331	4.6	594	4.2	943	4.4
SUBTOTAL	205	76.8	6,082	83.4	11,917	84.5	18,204	84.0
OUT STATE								
LEARNER'S PERMIT	0	0.0	2	0.0	4	0.0	6	0.1
OPERATOR'S LICENSE	15	5.6	560	7.7	1,320	9.4	1,895	8.7
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	3	1.1	81	1.1	242	1.7	326	1.5
SUBTOTAL	18	6.7	643	8.8	1,566	11.1	2,227	10.3
UNLICENSED	44	16.5	570	7.8	626	4.4	1,240	5.7
UNKNOWN	8	-	419	-	2,368	-	2,795	-
TOTAL	275	100.0	7,714	100.0	16,477	100.0	24,466	100.0

TABLE 3.1.16

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2011 MISSOURI CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	112	40.7	3,926	51.0	9,196	56.7	13,234	54.7
SPORT UTILITY VEHICLE	38	13.8	1,308	17.0	2,684	16.5	4,030	16.7
LIMOUSINE	0	0.0	2	0.0	3	0.0	5	0.0
VAN	16	5.8	290	3.8	655	4.0	961	4.0
BUS	0	0.0	15	0.2	21	0.1	36	0.0
SCHOOL BUS	0	0.0	6	0.1	20	0.1	26	0.1
MOTORCYCLE	40	14.6	474	6.2	72	0.4	586	2.4
ALL TERRAIN VEHICLE	2	0.7	99	1.3	8	0.1	109	0.4
MOPED	0	0.0	10	0.1	3	0.0	13	0.1
MOTOR HOME / CAMPER	1	0.4	0	0.0	4	0.0	5	0.0
FARM EQUIPMENT	1	0.4	1	0.0	0	0.0	2	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	3	0.0	3	0.0
OTHER TRANSPORT DEVICE	0	0.0	10	0.1	11	0.1	21	0.1
PICKUP TRUCK	60	21.8	1,381	17.9	3,099	19.1	4,540	18.8
OTHER TRUCKS	5	1.8	178	2.3	452	2.8	635	2.6
UNKNOWN	0	-	14	-	246	-	260	-
TOTAL	275	100.0	7,714	100.0	16,477	100.0	24,466	100.0

TABLE 3.1.17

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2011 MISSOURI CRASHES

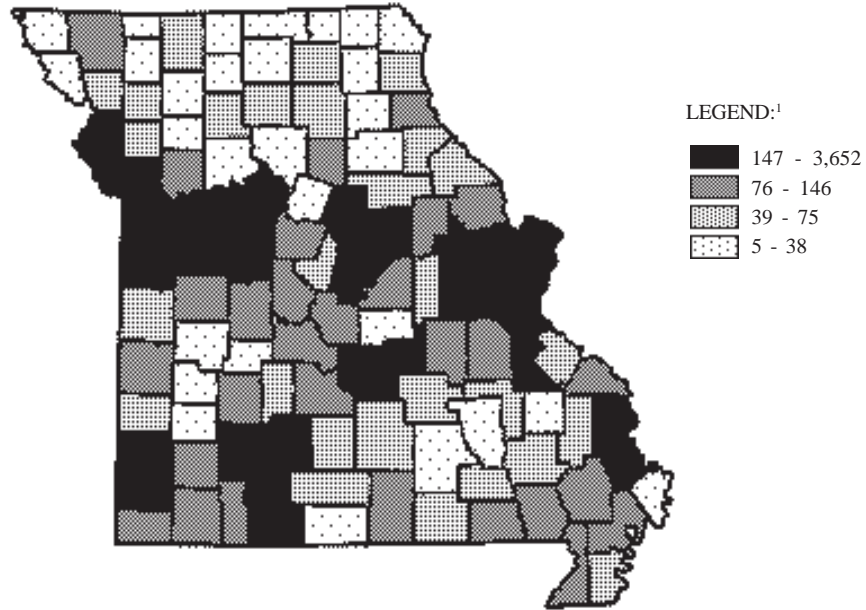
DRIVER INTOXICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRINKING	81	29.4	780	10.1	705	4.3	1,566	6.4
USING DRUGS	7	2.6	87	1.1	49	0.3	143	0.6
DRINKING AND USING DRUGS	12	4.4	65	0.9	40	0.2	117	0.5
NOT DRINKING OR USING DRUGS / USE UNKNOWN	175	63.6	6,782	87.9	15,683	95.2	22,640	92.5
TOTAL	275	100.0	7,714	100.0	16,477	100.0	24,466	100.0

TABLE 3.1.18

2011 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	3,652	15.2	23.0	PULASKI	215	0.9
2.0	JACKSON	3,216	13.4	24.0	PETTIS	202	0.8
3.0	ST LOUIS CITY	2,095	8.7	25.0	WARREN	194	0.8
4.0	ST CHARLES	1,112	4.6	26.0	WEBSTER	188	0.8
5.0	CLAY	837	3.5	27.0	LAFAYETTE	165	0.7
6.0	JEFFERSON	812	3.4	28.0	SALINE	164	0.7
7.0	GREENE	807	3.4	29.0	SCOTT	156	0.7
8.0	FRANKLIN	502	2.1				
9.0	BOONE	415	1.7				First Quartile
10.0	PLATTE	413	1.7				
11.0	BUCHANAN	368	1.5				Second Quartile
12.0	JASPER	327	1.4	30.0	STONE	146	0.6
13.0	CAPE GIRARDEAU	314	1.3	31.5	CAMDEN	143	0.6
14.0	PHELPS	309	1.3	31.5	POLK	143	0.6
15.0	CALLAWAY	304	1.3	33.0	BUTLER	141	0.6
16.0	COLE	297	1.2	34.0	LINCOLN	140	0.6
17.0	CASS	292	1.2	35.0	MARION	139	0.6
18.0	TANEY	285	1.2	36.0	LACLEDE	138	0.6
19.0	JOHNSON	254	1.1	37.0	BARRY	137	0.6
20.0	CHRISTIAN	236	1.0	38.0	HOWELL	132	0.6
21.0	ST FRANCOIS	232	1.0	39.0	MILLER	126	0.5
22.0	NEWTON	218	0.9	40.0	CRAWFORD	123	0.5
				41.0	MC DONALD	116	0.5

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.0	RANDOLPH	114	0.5	79.5	HARRISON	42	0.2
43.0	LAWRENCE	111	0.5	81.0	DE KALB	41	0.2
44.0	COOPER	110	0.5	83.0	BOLLINGER	40	0.2
45.0	RAY	98	0.4	83.0	DOUGLAS	40	0.2
46.0	STODDARD	94	0.4	83.0	LEWIS	40	0.2
47.0	MORGAN	93	0.4	85.5	BARTON	39	0.2
48.0	HENRY	91	0.4	85.5	DENT	39	0.2
49.0	WASHINGTON	90	0.4				
50.0	NODAWAY	89	0.4				Third Quarter
51.0	NEW MADRID	88	0.4				
52.5	RIPLEY	87	0.4				Fourth Quarter
52.5	VERNON	87	0.4	87.5	HOWARD	38	0.2
54.0	OSAGE	85	0.4	87.5	MARIES	38	0.2
55.5	MONTGOMERY	84	0.4	89.0	HOLT	36	0.2
55.5	PERRY	84	0.4	90.0	DAVISS	34	0.1
57.5	BENTON	76	0.3	91.5	OZARK	33	0.1
57.5	DUNKLIN	76	0.3	91.5	REYNOLDS	33	0.1
			Second Quartile	93.0	HICKORY	32	0.1
				94.5	ATCHISON	31	0.1
				94.5	CEDAR	31	0.1
			Third Quartile	96.0	MONROE	30	0.1
59.0	AUDRAIN	75	0.3	97.0	CARROLL	29	0.1
60.0	TEXAS	73	0.3	100.0	CALDWELL	28	0.1
61.0	BATES	72	0.3	100.0	GRUNDY	28	0.1
62.5	MACON	69	0.3	100.0	MADISON	28	0.1
62.5	MONITEAU	69	0.3	100.0	MISSISSIPPI	28	0.1
64.0	GASCONADE	66	0.3	100.0	SHANNON	28	0.1
65.0	STE GENEVIEVE	65	0.3	103.0	ST CLAIR	26	0.1
66.5	PEMISCOT	64	0.3	104.0	SULLIVAN	23	0.1
66.5	RALLS	64	0.3	105.0	PUTNAM	22	0.1
68.5	DALLAS	62	0.3	106.0	CHARITON	19	0.1
68.5	WAYNE	62	0.3	107.0	CLARK	17	0.1
70.0	CLINTON	58	0.2	108.0	MERCER	15	0.1
71.0	ANDREW	57	0.2	109.0	SHELBY	13	0.1
72.0	LIVINGSTON	54	0.2	110.0	DADE	11	0.0
73.0	IRON	52	0.2	111.0	SCHUYLER	10	0.0
74.0	ADAIR	51	0.2	112.5	GENTRY	8	0.0
75.0	WRIGHT	50	0.2	112.5	SCOTLAND	8	0.0
76.0	PIKE	49	0.2	114.0	KNOX	7	0.0
77.5	LINN	47	0.2	115.0	WORTH	5	0.0
77.5	OREGON	47	0.2				
79.5	CARTER	42	0.2				

TABLE 3.1.19

2011 SPEED-INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	2,524	18.0
2.0	ST. LOUIS	2,096	15.0
3.0	SPRINGFIELD	490	3.5
4.0	INDEPENDENCE	470	3.4
5.0	ST. JOSEPH	280	2.0
6.0	LEE'S SUMMIT	279	2.0
7.0	ST. CHARLES	235	1.7
8.0	CHESTERFIELD	204	1.5
9.0	COLUMBIA	200	1.4
10.0	FLORISSANT	191	1.4
11.0	O'FALLON	182	1.3
12.0	CAPE GIRARDEAU	180	1.3
13.0	JEFFERSON CITY	179	1.3
14.0	ST. PETERS	167	1.2
15.0	HAZELWOOD	160	1.1
16.0	BLUE SPRINGS	159	1.1
17.0	MARYLAND HEIGHTS	156	1.0
18.0	CREVE COEUR	146	1.0
19.5	SUNSET HILLS	136	1.0
19.5	TOWN AND COUNTRY	136	1.0
21.0	WILDWOOD	133	0.9
22.0	JOPLIN	127	0.9
23.0	RICHMOND HEIGHTS	121	0.9
24.0	LIBERTY	109	0.8
25.0	BERKELEY	107	0.8
26.0	BRIDGETON	104	0.7
27.0	SEDALIA	90	0.6
28.0	ROLLA	89	0.6
29.0	WENTZVILLE	84	0.6
30.0	OVERLAND	83	0.6
31.0	BRANSON	82	0.6
32.0	RAYTOWN	80	0.6
33.0	KIRKWOOD	72	0.5
34.0	FENTON	70	0.5
35.5	BELTON	69	0.5
35.5	GRANDVIEW	69	0.5
37.0	GLADSTONE	68	0.5
38.5	ARNOLD	64	0.5
38.5	FESTUS	64	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**

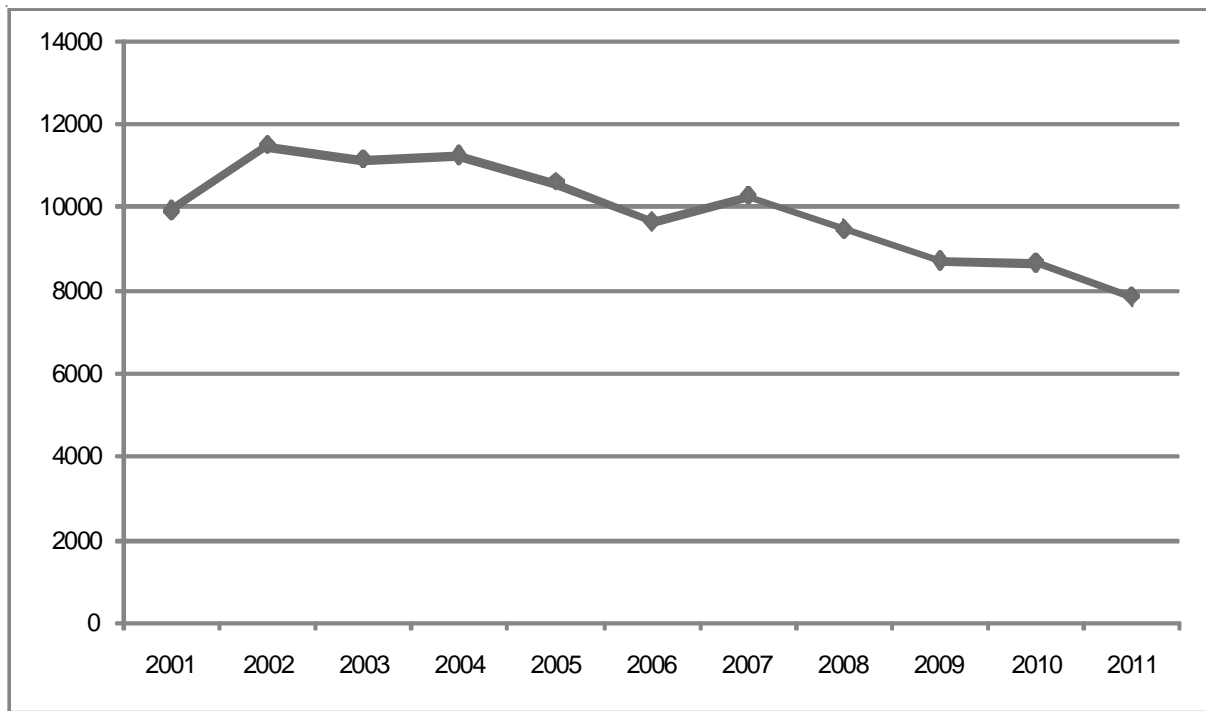


FIGURE 3.1.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 4.4% were drinking related. Of all fatal traffic crashes, 26.8% were drinking related. A total of 208 persons were killed and 3,625 were injured in drinking-related traffic crashes.
- There was a decrease of 3.9% in the rate of change when comparing total 2011 drinking-related traffic crashes with those in 2010. There was a decrease of 9.6% when comparing 2011 fatal drinking-related traffic crashes with 2010.
- In 2011, one person was killed or injured in drinking-related traffic crashes every 2.3 hours in the State of Missouri.
- Of all drinking-related traffic crashes, 60.2% occurred on Friday, Saturday, or Sunday and 63.3% occurred between 7:00 P.M. and 2:59 A.M.
- Of the persons drinking in 2011 traffic crashes, 98.2% were driving a motorized vehicle, 0.2% were driving a non-motorized vehicle, and 1.7% were pedestrians.
- Of the drinking drivers of motorized vehicles, 73.3% were male and 23.0% were female. The average age of drinking drivers of motorized vehicles was 34.3 years.
- Of the drinking drivers of non-motorized vehicles, 9 were male and none were female. The average age of drinking drivers of non-motorized vehicles was 38.7 years.
- Of the drinking drivers of motorized and non-motorized vehicles in 2011 crashes, 51.2% were driving an automobile, 25.4% were driving a pickup truck, and 15.2% were driving a sport utility vehicle at the time of the crash.

2011 MISSOURI TRAFFIC CRASHES

DRINKING INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	DRINKING DRIVERS / PEDESTRIANS² KILLED	INJURED
DRINKING INVOLVED	188	26.8	2,508	7.3	3,345	3.2	6,041	4.4	208	3,625	135	2,083
NO DRINKING INVOLVED	513	73.2	32,033	92.7	99,492	96.8	132,038	95.6	563	46,207	-	-
UNKNOWN ³	15	-	900	-	3,972	-	4,887	-	15	1,228	-	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	135	2,083

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

2010 and 2011 DRINKING-INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	208	188	-9.6
PERSONAL INJURY	2,644	2,508	-5.1
PROPERTY DAMAGE	3,437	3,345	-2.7
TOTAL	6,289	6,041	-3.9

TABLE 3.2.2

2011 DRINKING-INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	1	0.5	5	0.2	6	0.2	12	0.2
BICYCLIST	0	0.0	10	0.4	4	0.1	14	0.2
FIXED OBJECT	105	55.9	1,348	53.8	1,881	56.2	3,334	55.2
OTHER OBJECT	0	0.0	14	0.6	28	0.8	42	0.7
PEDESTRIAN	16	8.5	105	4.2	7	0.2	128	2.1
TRAIN	1	0.5	0	0.0	1	0.0	2	0.0
VEHICLE IN TRANSPORT	40	21.3	622	24.8	872	26.1	1,534	25.4
VEHICLE ON OTHER ROADWAY	0	0.0	2	0.1	2	0.1	4	0.1
PARKED VEHICLE	2	1.1	131	5.2	439	13.2	572	9.5
NONCOLLISION OVERTURN	21	11.2	252	10.0	78	2.3	351	5.8
NONCOLLISION OTHER	2	1.0	19	0.7	27	0.8	48	0.8
TOTAL	188	100.0	2,508	100.0	3,345	100.0	6,041	100.0

TABLE 3.2.3

2011 DRINKING-INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	55	29.3	1,056	42.1	1,816	54.3	2,927	48.5
RURAL	133	70.7	1,452	57.9	1,529	45.7	3,114	51.5
TOTAL	188	100.0	2,508	100.0	3,345	100.0	6,041	100.0

TABLE 3.2.4

2011 DRINKING-INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	110	58.5	1,637	65.9	2,491	75.6	4,238	71.0
CURVE	78	41.5	848	34.1	805	24.4	1,731	29.0
UNKNOWN	0	-	23	-	49	-	72	-
TOTAL	188	100.0	2,508	100.0	3,345	100.0	6,041	100.0

TABLE 3.2.5

2011 DRINKING-INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	73	38.8	1,430	58.1	2,077	64.0	3,580	60.7
HILL	109	58.0	975	39.7	1,111	34.2	2,195	37.3
CREST	6	3.2	54	2.2	59	1.8	119	2.0
UNKNOWN	0	-	49	-	98	-	147	-
TOTAL	188	100.0	2,508	100.0	3,345	100.0	6,041	100.0

TABLE 3.2.6

2011 DRINKING-INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	157	84.0	2,084	83.9	2,663	80.5	4,904	82.0
WET	28	15.0	355	14.3	537	16.2	920	15.3
SNOW	2	1.0	35	1.3	71	2.2	108	1.8
ICE	0	0.0	4	0.2	24	0.7	28	0.5
SLUSH	0	0.0	3	0.1	9	0.3	12	0.2
MUD	0	0.0	2	0.1	2	0.1	4	0.1
STANDING WATER	0	0.0	0	0.0	1	0.0	1	0.0
MOVING WATER	0	0.0	2	0.1	1	0.0	3	0.1
UNKNOWN	1	-	23	-	37	-	61	-
TOTAL	188	100.0	2,508	100.0	3,345	100.0	6,041	100.0

TABLE 3.2.7

2011 DRINKING-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	22	11.7	215	8.6	297	8.9	534	8.8
U.S. HIGHWAY	27	14.4	215	8.6	216	6.5	458	7.6
STATE NUMBERED	36	19.2	384	15.3	437	13.1	857	14.2
SINGLE STATE LETTERED	31	16.4	302	12.0	212	6.3	545	9.0
DOUBLE STATE LETTERED	16	8.5	113	4.5	108	3.2	237	3.9
OUTER ROAD	2	1.1	28	1.1	19	0.6	49	0.8
COUNTY ROAD	24	12.7	420	16.8	532	15.9	976	16.2
CITY STREET	28	14.9	789	31.5	1,426	42.5	2,243	37.1
INTERSTATE LOOP	0	0.0	1	0.0	9	0.3	10	0.2
OTHER ¹	2	1.1	41	1.6	89	2.7	132	2.2
TOTAL	188	100.0	2,508	100.0	3,345	100.0	6,041	100.0

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

TABLE 3.2.8

2011 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	12	21.8	124	11.7	156	8.6	292	10.0	10	7.5	91	6.3	141	9.2	242	7.8
U.S. HIGHWAY	10	18.2	84	8.0	93	5.1	187	6.4	17	12.8	131	9.0	123	8.0	271	8.7
STATE NUMBERED	3	5.5	89	8.4	145	8.0	237	8.1	33	24.8	295	20.2	292	19.0	620	19.8
SINGLE STATE LETTERED	1	1.8	19	1.8	27	1.5	47	1.6	30	22.5	283	19.5	185	12.0	498	16.0
DOUBLE STATE LETTERED	3	5.5	9	0.9	21	1.2	33	1.1	13	9.8	104	7.2	87	5.7	204	6.6
OUTER ROAD	1	1.8	12	1.1	10	0.6	23	0.8	1	0.8	16	1.1	9	0.6	26	0.8
COUNTY ROAD	1	1.8	21	2.0	42	2.3	64	2.2	23	17.3	399	27.5	490	32.1	912	29.2
CITY STREET	24	43.6	686	65.0	1,270	69.8	1,980	67.6	4	3.0	103	7.1	156	10.3	263	8.5
INTERSTATE LOOP	0	0.0	0	0.0	2	0.1	2	0.1	0	0.0	1	0.1	7	0.5	8	0.3
OTHER ¹	0	0.0	12	1.1	50	2.8	62	2.1	2	1.5	29	2.0	39	2.6	70	2.3
TOTAL	55	100.0	1,056	100.0	1,816	100.0	2,927	100.0	133	100.0	1,452	100.0	1,529	100.0	3,114	100.0

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

TABLE 3.2.9

2011 MISSOURI DRINKING-INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	483	8.0
FEBRUARY	413	6.8
MARCH	489	8.1
APRIL	442	7.3
MAY	543	9.0
JUNE	503	8.3
JULY	535	8.9
AUGUST	510	8.4
SEPTEMBER	535	8.9
OCTOBER	566	9.4
NOVEMBER	478	7.9
DECEMBER	544	9.0
TOTAL	6,041	100.0

TABLE 3.2.10

2011 MISSOURI DRINKING-INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	1,256	20.8
MONDAY	530	8.8
TUESDAY	593	9.8
WEDNESDAY	594	9.8
THURSDAY	692	11.4
FRIDAY	957	15.9
SATURDAY	1,417	23.5
UNKNOWN	2	--
TOTAL	6,041	100.0

TABLE 3.2.11

2011 MISSOURI DRINKING-INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	517	8.6
01:00A - 01:59A	723	12.1
02:00A - 02:59A	441	7.4
03:00A - 03:59A	310	5.2
04:00A - 04:59A	173	2.9
05:00A - 05:59A	92	1.5
06:00A - 06:59A	74	1.2
07:00A - 07:59A	70	1.2
08:00A - 08:59A	56	0.9
09:00A - 09:59A	43	0.7
10:00A - 10:59A	47	0.8
11:00A - 11:59A	67	1.1
NOON - 12:59P	81	1.4
01:00P - 01:59P	80	1.3
02:00P - 02:59P	117	2.0
03:00P - 03:59P	170	2.8
04:00P - 04:59P	208	3.5
05:00P - 05:59P	286	4.8
06:00P - 06:59P	324	5.4
07:00P - 07:59P	330	5.5
08:00P - 08:59P	397	6.6
09:00P - 09:59P	417	7.0
10:00P - 10:59P	448	7.5
11:00P - MIDNIGHT	514	8.6
UNKNOWN	56	--
TOTAL	6,041	100.0

TABLE 3.2.12

PERSONS DRINKING IN 2011 MISSOURI CRASHES

PERSON TYPE AND SEX BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE								
DRIVERS MOTORIZED VEHICLES	154	86.0	1,874	77.0	2,342	70.1	4,370	73.3
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	6	100.0	3	75.0	9	90.0
PEDESTRIANS	8	88.9	76	84.4	3	100.0	87	85.3
FEMALE								
DRIVERS MOTORIZED VEHICLES	25	14.0	533	21.9	809	24.2	1,367	23.0
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	0	0.0	0	0.0
PEDESTRIANS	1	11.1	14	15.6	0	0.0	15	14.7
SEX UNKNOWN								
DRIVERS MOTORIZED VEHICLES	0	0.0	27	1.1	191	5.7	218	3.7
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	1	25.0	1	10.0
PEDESTRIANS	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	188	100.0	2,530	100.0	3,349	100.0	6,067	100.0

TABLE 3.2.13

DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	35.7	-	34.1	-	34.3	-	34.3	-
14 YEARS AND UNDER	0	0.0	1	0.0	0	0.0	1	0.0
15 - 20 YEARS	26	14.5	269	11.2	344	11.0	639	11.2
21 - 25 YEARS	28	15.7	535	22.3	688	22.0	1,251	21.9
26 - 30 YEARS	22	12.3	358	14.9	492	15.6	872	15.3
31 - 35 YEARS	28	15.7	284	11.9	358	11.4	670	11.7
36 - 40 YEARS	9	5.0	234	9.8	291	9.3	534	9.4
41 - 45 YEARS	16	8.9	209	8.7	267	8.5	492	8.6
46 - 50 YEARS	16	8.9	187	7.8	274	8.7	477	8.4
51 - 55 YEARS	15	8.4	148	6.2	196	6.3	359	6.3
56 - 60 YEARS	12	6.7	98	4.1	120	3.8	230	4.0
61 - 65 YEARS	3	1.7	39	1.6	55	1.8	97	1.7
66 YEARS AND OVER	4	2.2	35	1.5	49	1.6	88	1.5
UNKNOWN	0	-	37	-	208	-	245	-
TOTAL	179	100.0	2,434	100.0	3,342	100.0	5,955	100.0

TABLE 3.2.14

DRIVERS OF NON-MOTORIZED VEHICLES DRINKING IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	0.0	-	39.8	-	36.3	-	38.7	-
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	16.7	1	33.3	2	22.2
31 - 35 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
36 - 40 YEARS	0	0.0	2	33.3	1	33.3	3	33.4
41 - 45 YEARS	0	0.0	2	33.3	0	0.0	2	22.2
46 - 50 YEARS	0	0.0	1	16.7	1	33.4	2	22.2
51 - 55 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
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	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	0	-	1	-	1	-
TOTAL	0	0.0	6	100.0	3	0.0	10	100.0

TABLE 3.2.15

PEDESTRIANS DRINKING IN 2011 MISSOURI CRASHES

AGE OF PEDESTRIAN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF PEDESTRIAN	39.8	-	38.1	-	36.7	-	38.2	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	5	5.6	1	33.3	6	5.9
21 - 25 YEARS	1	11.1	13	14.6	0	0.0	14	13.9
26 - 30 YEARS	3	33.4	8	9.1	0	0.0	11	10.9
31 - 35 YEARS	0	0.0	13	14.6	0	0.0	13	12.9
36 - 40 YEARS	0	0.0	13	14.6	0	0.0	13	12.9
41 - 45 YEARS	1	11.1	10	11.2	1	33.3	12	11.8
46 - 50 YEARS	2	22.2	10	11.2	1	33.4	13	12.9
51 - 55 YEARS	1	11.1	11	12.4	0	0.0	12	11.8
56 - 60 YEARS	0	0.0	5	5.6	0	0.0	5	5.0
61 - 65 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
66 YEARS AND OVER	1	11.1	1	1.1	0	0.0	2	2.0
UNKNOWN	0	-	1	-	0	-	1	-
TOTAL	9	100.0	90	100.0	3	100.0	102	100.0

TABLE 3.2.16

DRIVERS OF MOTORIZED AND NON-MOTORIZED VEHICLES DRINKING IN 2011 MISSOURI CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	67	37.4	1,161	47.6	1,822	54.6	3,050	51.2
SPORT UTILITY VEHICLE	34	19.0	371	15.2	500	15.0	905	15.2
LIMOUSINE	0	0.0	0	0.0	3	0.1	3	0.1
VAN	8	4.5	84	3.3	146	4.4	238	4.0
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	18	10.0	114	4.7	9	0.3	141	2.4
ALL TERRAIN VEHICLE	2	1.1	45	1.9	3	0.1	50	0.8
MOPED	0	0.0	7	0.3	2	0.1	9	0.2
BICYCLE	0	0.0	6	0.3	4	0.1	10	0.2
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	1	0.6	1	0.0	0	0.0	2	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	7	0.3	1	0.0	8	0.1
PICKUP TRUCK	49	27.4	632	25.9	832	24.9	1,513	25.4
OTHER TRUCKS	0	0.0	11	0.5	14	0.4	25	0.4
UNKNOWN	0	-	1	-	9	-	10	-
TOTAL	179	100.0	2,440	100.0	3,346	100.0	5,965	100.0

TABLE 3.2.17

DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2011 MISSOURI CRASHES

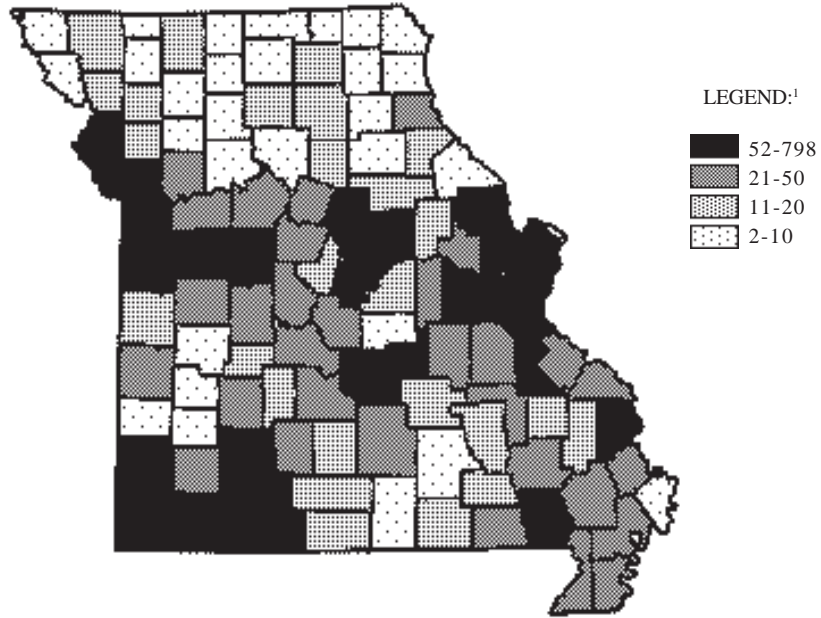
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	6	0.3	10	0.3	16	0.3
OPERATOR'S LICENSE	110	62.5	1,675	71.4	2,298	75.2	4,083	73.2
MOTORCYCLE ONLY	0	0.0	0	0.0	1	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	10	5.7	113	4.8	90	2.9	213	3.8
SUBTOTAL	120	68.2	1,794	76.5	2,399	78.3	4,313	77.3
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	8	4.6	135	5.8	209	6.9	352	6.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	14	0.6	13	0.4	27	0.5
SUBTOTAL	8	4.6	149	6.4	222	7.2	379	6.8
UNLICENSED	48	27.2	403	17.1	438	14.3	889	15.9
UNKNOWN	3	-	88	-	283	-	374	-
TOTAL	179	100.0	2,434	100.0	3,342	100.0	5,955	100.0

TABLE 3.2.18

2011 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	798	13.2	23.0	CHRISTIAN	56	0.9
2.0	JACKSON	749	12.4	25.0	BUTLER	55	0.9
3.0	GREENE	361	6.0	25.0	LINCOLN	55	0.9
4.0	ST CHARLES	338	5.6	25.0	STONE	55	0.9
5.0	JEFFERSON	243	4.0	27.0	PETTIS	54	0.9
6.0	ST LOUIS CITY	176	2.9	28.0	CAPE GIRARDEAU	53	0.9
7.0	CLAY	162	2.7	29.0	MC DONALD	52	0.9
8.0	BOONE	149	2.5				
9.0	FRANKLIN	129	2.1				First Quartile
10.0	JASPER	106	1.8				
11.0	BUCHANAN	96	1.6				Second Quartile
12.0	NEWTON	79	1.3	30.0	HOWELL	50	0.8
13.0	PLATTE	75	1.2	31.5	MILLER	47	0.8
14.0	CASS	73	1.2	31.5	SCOTT	47	0.8
15.0	JOHNSON	72	1.2	33.0	LAWRENCE	45	0.7
16.0	BARRY	71	1.2	34.5	CAMDEN	44	0.7
17.5	COLE	70	1.2	34.5	STODDARD	44	0.7
17.5	ST FRANCOIS	70	1.2	36.0	LACLEDE	42	0.7
19.0	PULASKI	69	1.1	37.0	WEBSTER	40	0.7
20.5	CALLAWAY	62	1.0	38.0	WASHINGTON	38	0.6
20.5	TANEY	62	1.0	39.0	MARION	37	0.6
22.0	PHELPS	61	1.0	40.0	WARREN	35	0.6
				41.0	WAYNE	33	0.5

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.5	HENRY	32	0.5	80.0	CLINTON	13	0.2
42.5	MORGAN	32	0.5	80.0	DALLAS	13	0.2
44.5	CRAWFORD	31	0.5	80.0	LINN	13	0.2
44.5	TEXAS	31	0.5	83.5	CARTER	12	0.2
46.0	RIPLEY	30	0.5	83.5	HICKORY	12	0.2
47.0	PEMISCOT	29	0.5	83.5	MACON	12	0.2
48.5	POLK	28	0.5	83.5	NODAWAY	12	0.2
48.5	RAY	28	0.5	86.5	RALLS	11	0.2
50.0	BENTON	27	0.4	86.5	SULLIVAN	11	0.2
51.5	DUNKLIN	26	0.4				Third Quartile
51.5	PERRY	26	0.4				
54.0	GASCONADE	25	0.4				Fourth Quartile
54.0	IRON	25	0.4	89.5	BARTON	10	0.2
54.0	VERNON	25	0.4	89.5	DADE	10	0.2
56.0	LAFAYETTE	24	0.4	89.5	HOLT	10	0.2
57.5	STE GENEVIEVE	22	0.4	89.5	PIKE	10	0.2
57.5	SALINE	22	0.4	93.0	GRUNDY	9	0.1
59.5	COOPER	21	0.3	93.0	LIVINGSTON	9	0.1
59.5	NEW MADRID	21	0.3	93.0	SHANNON	9	0.1
			Second Quartile	96.0	CARROLL	8	0.1
				96.0	HOWARD	8	0.1
			Third Quartile	96.0	ST CLAIR	8	0.1
61.5	ANDREW	20	0.3	99.0	GENTRY	7	0.1
61.5	MADISON	20	0.3	99.0	MARIES	7	0.1
63.0	DOUGLAS	19	0.3	99.0	MISSISSIPPI	7	0.1
65.0	AUDRAIN	18	0.3	102.5	ATCHISON	6	0.1
65.0	BOLLINGER	18	0.3	102.5	CHARITON	6	0.1
65.0	OZARK	18	0.3	102.5	KNOX	6	0.1
67.5	ADAIR	17	0.3	102.5	MERCER	6	0.1
67.5	OREGON	17	0.3	106.0	CALDWELL	5	0.1
71.0	DENT	16	0.3	106.0	CEDAR	5	0.1
71.0	HARRISON	16	0.3	106.0	PUTNAM	5	0.1
71.0	MONTGOMERY	16	0.3	109.0	LEWIS	4	0.1
71.0	RANDOLPH	16	0.3	109.0	MONROE	4	0.1
71.0	REYNOLDS	16	0.3	109.0	SCHUYLER	4	0.1
74.5	DE KALB	15	0.2	111.5	CLARK	3	0.0
74.5	WRIGHT	15	0.2	111.5	SHELBY	3	0.0
77.0	BATES	14	0.2	114.0	DAVISS	2	0.0
77.0	MONITEAU	14	0.2	114.0	SCOTLAND	2	0.0
77.0	OSAGE	14	0.2	114.0	WORTH	2	0.0

TABLE 3.2.19

2011 DRINKING-INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	456	13.8
2.0	SPRINGFIELD	261	7.9
3.0	ST. LOUIS	176	5.3
4.0	INDEPENDENCE	144	4.4
5.0	ST. CHARLES	108	3.3
6.0	COLUMBIA	105	3.2
7.0	LEE'S SUMMIT	97	2.9
8.0	ST. JOSEPH	88	2.7
9.0	FLORISSANT	60	1.8
10.0	BLUE SPRINGS	55	1.7
11.0	ST. PETERS	53	1.6
12.0	MARYLAND HEIGHTS	48	1.5
13.0	JOPLIN	47	1.4
14.0	O' FALLON	45	1.4
15.0	CHESTERFIELD	44	1.3
16.0	JEFFERSON CITY	43	1.3
17.0	WARRENSBURG	36	1.1
18.0	GRANDVIEW	30	0.9
19.0	LIBERTY	27	0.8
20.0	TOWN & COUNTRY	24	0.7
22.0	CAPE GIRARDEAU	22	0.7
22.0	HANNIBAL	22	0.7
22.0	WILDWOOD	22	0.7
25.5	BRIDGETON	21	0.6
25.5	OVERLAND	21	0.6
25.5	SEDALIA	21	0.6
25.5	SUNSET HILLS	21	0.6
28.5	KIRKWOOD	20	0.6
28.5	WENTSVILLE	20	0.6
31.5	GRAIN VALLEY	19	0.6
31.5	RAYTOWN	19	0.6
31.5	ROLLA	19	0.6
31.5	ST. ROBERT	19	0.6
34.5	CREVE COEUR	17	0.5
34.5	MANCHESTER	17	0.5
38.0	ARNOLD	16	0.5
38.0	BALLWIN	16	0.5
38.0	GLADSTONE	16	0.5
38.0	REPUBLIC	16	0.5
38.0	WASHINGTON	16	0.5
41.0	WEBSTER GROVES	15	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**

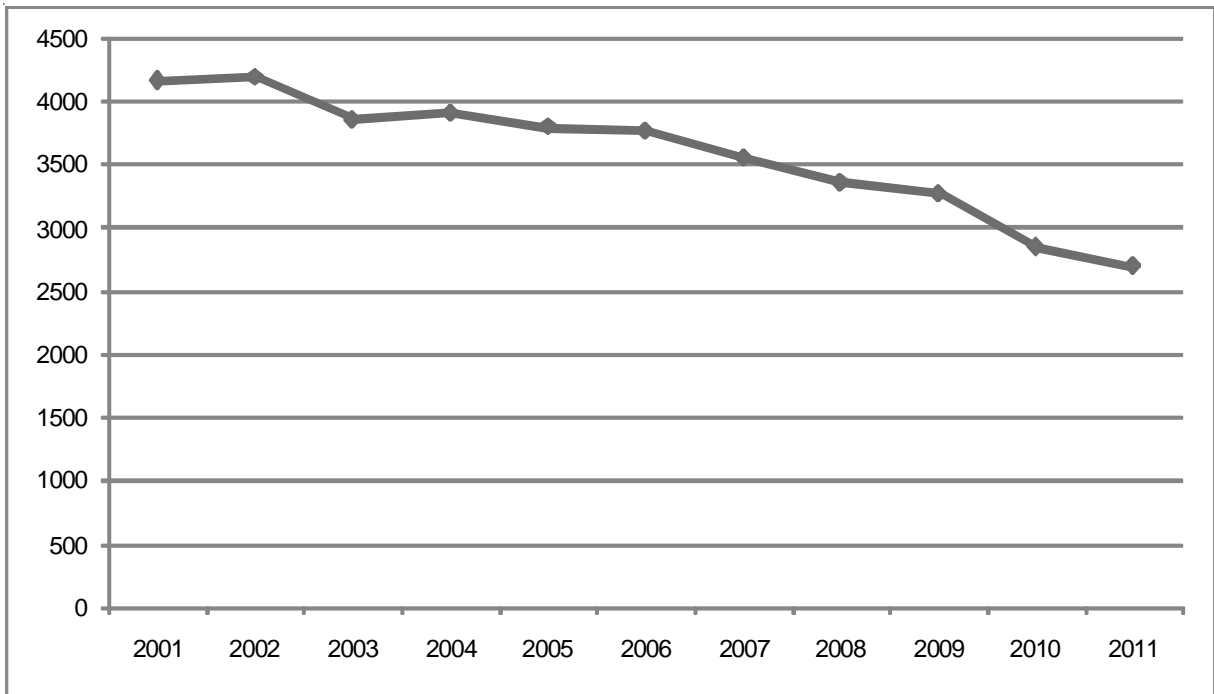


FIGURE 3.2.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 24.8% involved a young driver. Of all fatal traffic crashes, 18.3% involved a young driver. A total of 152 persons were killed and 12,808 were injured in traffic crashes involving young drivers.
- There was a decrease of 9.6% in the rate of change when comparing 2011 young driver traffic crashes with those in 2010. There was an increase of 12.2% when comparing 2011 fatal young driver traffic crashes with 2010.
- In 2011, one person was killed or injured in young driver related traffic crashes every 40.6 minutes in the State of Missouri.
- Of all young driver related traffic crashes, the first harmful event in 74.3% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 17.9% of the cases, the first harmful event involved one motor vehicle striking a fixed object. In young driver fatal traffic crashes, 38.8% of the cases involved a motor vehicle striking a fixed object.
- Of all 2011 young driver crashes, 65.4% occurred in an urban area and 34.6% occurred in a rural area of the State. However, 75.2% of the fatal young driver crashes occurred in a rural area.
- Of all young driver traffic crashes, 32.1% occurred on Friday or Saturday.
- Of all young drivers in traffic crashes, 52.8% were male and 47.2% were female. Of those young drivers in fatal traffic crashes, 71.8% were male. The average age of young drivers (20 years and under) was 18.1 years.
- Of the young drivers, 91.9% had a Missouri driver's license / permit, 5.4% had an out-of-state driver's license, and 2.8% were unlicensed at the time of the crash.
- Of the young drivers, 68.0% were driving an automobile and 14.1% were driving a pickup truck at the time of the crash.
- In 41.9% of the 2011 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 20.2% of these fatal crashes, the young driver's drinking condition contributed to the cause of the crash.

2011 MISSOURI TRAFFIC CRASHES
YOUNG DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER¹ INJURED	YOUNG DRIVERS² KILLED	INJURED
YOUNG DRIVER INVOLVED	129	18.3	8,295	24.5	23,079	24.9	31,503	24.8	152	12,808	115	7,812
NO YOUNG DRIVER INVOLVED	575	81.7	25,549	75.5	69,441	75.1	95,565	75.2	621	36,188	-	-
UNKNOWN ³	12	-	1,597	-	14,074	-	15,683	-	13	2,064	-	-
TOTAL	716	100.0	35,441	100.0	106,594	100.0	142,751	100.0	786	51,060	115	7,812

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

2010 AND 2011 YOUNG DRIVER INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	115	129	12.2
PERSONAL INJURY	9,435	8,295	-12.1
PROPERTY DAMAGE	25,229	23,079	-8.5
UNKNOWN	57	0	--
TOTAL	34,836	31,503	-9.6

TABLE 3.3.2

2011 YOUNG DRIVER INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	3	2.3	52	0.6	287	1.2	342	1.1
BICYCLIST	0	0.0	46	0.6	6	0.0	52	0.2
FIXED OBJECT	50	38.8	1,921	23.2	3,665	15.9	5,636	17.9
OTHER OBJECT	1	0.8	33	0.4	110	0.5	144	0.5
PEDESTRIAN	7	5.4	110	1.3	8	0.0	125	0.4
TRAIN	1	0.8	1	0.0	2	0.0	4	0.0
VEHICLE IN TRANSPORT	51	39.5	5,590	67.4	17,766	77.0	23,407	74.3
VEHICLE ON OTHER ROADWAY	0	0.0	7	0.1	29	0.1	36	0.1
PARKED VEHICLE	2	1.6	119	1.4	912	4.0	1,033	3.3
NONCOLLISION OVERTURN	9	7.0	367	4.4	215	0.9	591	1.9
NONCOLLISION OTHER	5	3.9	49	0.6	79	0.3	133	0.4
TOTAL	129	100.0	8,295	100.0	23,079	100.0	31,503	100.0

2011 YOUNG DRIVER INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	32	24.8	5,182	62.5	15,399	66.7	20,613	65.4
RURAL	97	75.2	3,113	37.5	7,680	33.3	10,890	34.6
TOTAL	129	100.0	8,295	100.0	23,079	100.0	31,503	100.0

TABLE 3.3.4

2011 YOUNG DRIVER INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	84	65.1	6,720	81.8	19,201	85.5	26,005	84.4
CURVE	45	34.9	1,499	18.2	3,256	14.5	4,800	15.6
UNKNOWN	0	-	76	-	622	-	698	-
TOTAL	129	100.0	8,295	100.0	23,079	100.0	31,503	100.0

TABLE 3.3.5

2011 YOUNG DRIVER INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	56	43.4	5,223	64.1	15,413	69.6	20,692	68.1
HILL	68	52.7	2,679	32.9	6,166	27.9	8,913	29.3
CREST	5	3.9	240	3.0	555	2.5	800	2.6
UNKNOWN	0	-	153	-	945	-	1,098	-
TOTAL	129	100.0	8,295	100.0	23,079	100.0	31,503	100.0

TABLE 3.3.6

**TABLE 3.3.3
2011 YOUNG DRIVER INVOLVED CRASHES
ROAD CONDITIONS BY CRASH SEVERITY**

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	110	85.2	6,437	78.3	17,186	75.2	23,733	76.0
WET	16	12.4	1,494	18.2	4,407	19.3	5,917	19.0
SNOW	1	0.8	186	2.3	887	3.9	1,074	3.4
ICE	2	1.6	80	1.0	265	1.2	347	1.1
SLUSH	0	0.0	16	0.2	98	0.4	114	0.4
MUD	0	0.0	1	0.0	8	0.0	9	0.0
STANDING WATER	0	0.0	3	0.0	9	0.0	12	0.0
MOVING WATER	0	0.0	3	0.0	6	0.0	9	0.0
UNKNOWN	0	-	75	-	213	-	288	-
TOTAL	129	100.0	8,295	100.0	23,079	100.0	31,503	100.0

**TABLE 3.3.7
2011 YOUNG DRIVER INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY CRASH SEVERITY**

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	12	9.4	680	8.2	2,062	8.9	2,754	8.7
U.S. HIGHWAY	15	11.7	770	9.3	2,070	9.0	2,855	9.1
STATE NUMBERED	24	18.8	1,360	16.4	3,635	15.7	5,019	15.9
SINGLE STATE LETTERED	25	19.5	617	7.4	1,228	5.3	1,870	5.9
DOUBLE STATE LETTERED	7	5.5	244	2.9	496	2.2	747	2.4
OUTER ROAD	1	0.8	54	0.7	200	0.9	255	0.8
COUNTY ROAD	25	19.5	943	11.4	2,168	9.4	3,136	10.0
CITY STREET	19	14.8	3,462	41.7	10,470	45.3	13,951	44.3
INTERSTATE LOOP	0	0.0	10	0.1	45	0.2	55	0.2
OTHER ¹	1	0.0	155	1.9	705	3.1	861	2.7
TOTAL	129	100.0	8,295	100.0	23,079	100.0	31,503	100.0

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

2011 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	5	15.6	513	9.9	1,317	8.6	1,835	8.9	7	7.3	167	5.4	745	9.7	919	8.4
U.S. HIGHWAY	3	9.4	400	7.7	1,193	7.8	1,596	7.7	12	12.5	370	11.9	877	11.4	1,259	11.6
STATE NUMBERED	5	15.6	597	11.5	1,912	12.3	2,514	12.2	19	19.8	763	24.5	1,723	22.4	2,505	23.0
SINGLE STATE LETTERED	0	0.0	126	2.4	422	2.7	548	2.7	25	26.0	491	15.8	806	10.5	1,322	12.1
DOUBLE STATE LETTERED	1	3.1	82	1.6	198	1.4	281	1.4	6	6.3	162	5.2	298	3.9	466	4.3
OUTER ROAD	0	0.0	32	0.6	135	0.8	167	0.8	1	1.0	22	0.7	65	0.9	88	0.8
COUNTY ROAD	1	3.1	91	1.8	269	1.8	361	1.8	24	25.0	852	27.3	1,899	24.7	2,775	25.5
CITY STREET	17	53.2	3,229	62.4	9,432	61.2	12,678	61.5	2	2.1	233	7.5	1,038	13.5	1,273	11.7
INTERSTATE LOOP	0	0.0	7	0.1	20	0.1	27	0.1	0	0.0	3	0.1	25	0.3	28	0.3
OTHER ¹	0	0.0	105	2.0	501	3.3	606	2.9	1	0.0	50	1.6	204	2.7	254	2.3
TOTAL	32	100.0	5,182	100.0	15,399	100.0	20,613	100.0	97	100.0	3,113	100.0	7,680	100.0	10,890	100.0

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

TABLE 3.3.9

2011 MISSOURI YOUNG DRIVER INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	2,551	8.1
FEBRUARY	2,218	7.0
MARCH	2,281	7.2
APRIL	2,521	8.0
MAY	2,866	9.1
JUNE	2,620	8.3
JULY	2,573	8.2
AUGUST	2,703	8.6
SEPTEMBER	2,810	8.9
OCTOBER	2,909	9.2
NOVEMBER	2,634	8.4
DECEMBER	2,817	8.9
TOTAL	31,503	100.0

TABLE 3.3.10

2011 MISSOURI YOUNG DRIVER INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	3,146	10.0
MONDAY	4,511	14.3
TUESDAY	4,619	14.7
WEDNESDAY	4,563	14.5
THURSDAY	4,572	14.5
FRIDAY	5,657	18.0
SATURDAY	4,431	14.1
UNKNOWN	4	--
TOTAL	31,503	100.0

TABLE 3.3.11

2011 MISSOURI YOUNG DRIVER INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	573	1.8
01:00A - 01:59A	476	1.5
02:00A - 02:59A	325	1.0
03:00A - 03:59A	263	0.8
04:00A - 04:59A	181	0.6
05:00A - 05:59A	181	0.6
06:00A - 06:59A	472	1.5
07:00A - 07:59A	1,906	6.1
08:00A - 08:59A	1,037	3.3
09:00A - 09:59A	806	2.6
10:00A - 10:59A	1,096	3.5
11:00A - 11:59A	1,290	4.1
NOON - 12:59P	1,795	5.7
01:00P - 01:59P	1,829	5.8
02:00P - 02:59P	2,378	7.6
03:00P - 03:59P	3,503	11.1
04:00P - 04:59P	3,031	9.6
05:00P - 05:59P	2,817	9.0
06:00P - 06:59P	1,998	6.4
07:00P - 07:59P	1,353	4.3
08:00P - 08:59P	1,207	3.8
09:00P - 09:59P	1,183	3.8
10:00P - 10:59P	972	3.1
11:00P - MIDNIGHT	762	2.4
UNKNOWN	69	--
TOTAL	31,503	100.0

TABLE 3.3.12

2011 MISSOURI YOUNG DRIVER CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL YOUNG DRIVER CRASHES = 129				TOTAL YOUNG DRIVER CRASHES = 31,503		
	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.8	0.0	0.8	2.1	0.4	2.5
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.0	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	41.9	2.3	43.4	17.9	2.3	20.0
IMPROPER PASSING	1.6	0.8	2.3	0.9	0.4	1.4
VIOLATION OF STOP SIGN	4.7	0.8	5.4	3.0	1.4	4.3
WRONG SIDE NOT PASSING	15.5	1.6	17.1	1.5	0.4	1.9
FOLLOWING TOO CLOSE	3.1	0.8	3.9	14.3	5.2	19.1
IMPROPER SIGNAL	0.0	0.8	0.8	0.1	0.1	0.2
IMPROPER BACKING	0.0	0.0	0.0	1.6	0.6	2.2
IMPROPER TURN	0.8	0.0	0.8	2.4	1.1	3.4
IMPROPER LANE USAGE / CHANGE	20.9	2.3	23.3	7.1	2.3	9.2
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.1	0.0	0.1
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	0.1	0.2
FAILED TO YIELD	7.0	7.8	14.7	13.2	6.6	19.5
DRINKING	20.2	2.3	22.5	2.0	0.6	2.6
DRUGS	7.0	0.0	7.0	0.5	0.1	0.6
PHYSICAL IMPAIRMENT	3.1	0.8	3.9	1.1	0.1	1.2
INATTENTION	17.1	3.9	20.9	23.1	6.8	29.2

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 2011 Missouri fatal young driver crashes, it was found that a young driver was speeding in 41.9% of the crashes. In 2.3% of the crashes another driver was speeding. In 43.4% of the crashes either a young driver, another driver, or both drivers were speeding.

TABLE 3.3.13

YOUNG DRIVERS IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	94	71.8	4,688	52.6	13,201	52.7	17,983	52.8
FEMALE	37	28.2	4,217	47.4	11,840	47.3	16,094	47.2
UNKNOWN	0	-	0	-	213	-	213	-
TOTAL	131	100.0	8,905	100.0	25,254	100.0	34,290	100.0

TABLE 3.3.14

YOUNG DRIVERS IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF YOUNG DRIVER¹	17.9	-	18.1	-	18.1	-	18.1	-
14 YEARS AND UNDER	2	1.5	46	0.5	63	0.3	111	0.3
15 YEARS	2	1.5	109	1.2	277	1.1	388	1.1
16 YEARS	29	22.1	1,447	16.3	4,092	16.2	5,568	16.2
17 YEARS	17	13.0	1,627	18.3	4,844	19.2	6,488	18.9
18 YEARS	25	19.1	1,942	21.8	5,507	21.8	7,474	21.8
19 YEARS	27	20.6	1,893	21.3	5,288	20.9	7,208	21.0
20 YEARS	29	22.1	1,841	20.7	5,183	20.5	7,053	20.6
TOTAL	131	100.0	8,905	100.0	25,254	100.0	34,290	100.0

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

TABLE 3.3.15

YOUNG DRIVERS IN 2011 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	5	3.9	241	2.8	493	2.0	739	2.2
OPERATOR'S LICENSE	103	79.1	7,666	87.7	22,054	90.1	29,823	89.4
MOTORCYCLE ONLY	0	0.0	2	0.0	2	0.0	4	0.0
COMERCIAL DRIVER'S LICENSE	1	0.8	18	0.2	69	0.3	88	0.3
SUBTOTAL	109	83.8	7,927	90.7	22,618	92.4	30,654	91.9
OUT STATE								
LEARNER'S PERMIT	0	0.0	5	0.1	14	0.1	19	0.1
OPERATOR'S LICENSE	10	7.7	442	5.1	1,295	5.3	1,747	5.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	1	0.0	5	0.0	6	0.0
SUBTOTAL	10	7.7	448	5.2	1,314	5.4	1,772	5.4
UNLICENSED	11	8.5	362	4.1	554	2.3	927	2.8
UNKNOWN	1	-	168	-	768	-	937	-
TOTAL	131	100.0	8,905	100.0	25,254	100.0	34,290	100.0

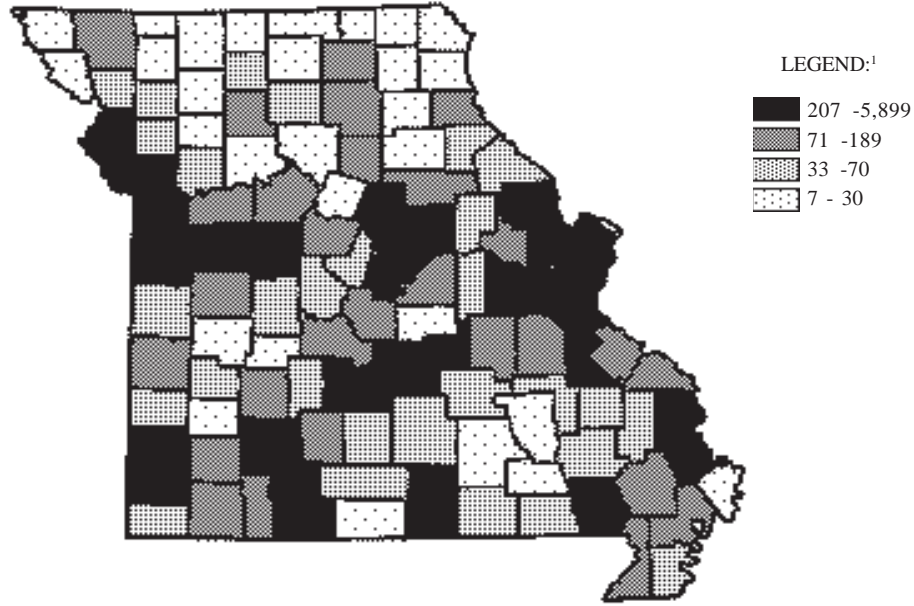
TABLE 3.3.16

YOUNG DRIVERS IN 2011 MISSOURI CRASHES
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	73	55.7	5,950	66.9	17,288	68.5	23,311	68.0
SPORT UTILITY VEHICLE	18	13.7	1,200	13.5	3,590	14.2	4,808	14.0
LIMOUSINE	0	0.0	1	0.0	3	0.0	4	0.0
VAN	2	1.5	239	2.7	633	2.5	874	2.6
BUS	0	0.0	2	0.0	4	0.0	6	0.0
SCHOOL BUS	0	0.0	0	0.0	3	0.0	3	0.0
MOTORCYCLE	5	3.8	141	1.6	34	0.1	180	0.5
ALL TERRAIN VEHICLE	4	3.1	68	0.8	12	0.0	84	0.3
MOPED	0	0.0	25	0.3	5	0.0	30	0.1
MOTOR HOME / CAMPER	0	0.0	0	0.0	1	0.0	1	0.0
FARM EQUIPMENT	0	0.0	2	0.0	11	0.0	13	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	2	0.0	2	0.0
OTHER TRANSPORT DEVICE	0	0.0	10	0.1	7	0.0	17	0.1
PICKUP TRUCK	28	21.4	1,246	14.0	3,571	14.2	4,845	14.1
OTHER TRUCKS	1	0.8	16	0.2	66	0.3	83	0.2
UNKNOWN	0	-	5	-	24	-	29	-
TOTAL	131	100.0	8,905	100.0	25,254	100.0	34,290	100.0

TABLE 3.3.17

**TABLE 3.3.8
2011 YOUNG DRIVER INVOLVED CRASHES**



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

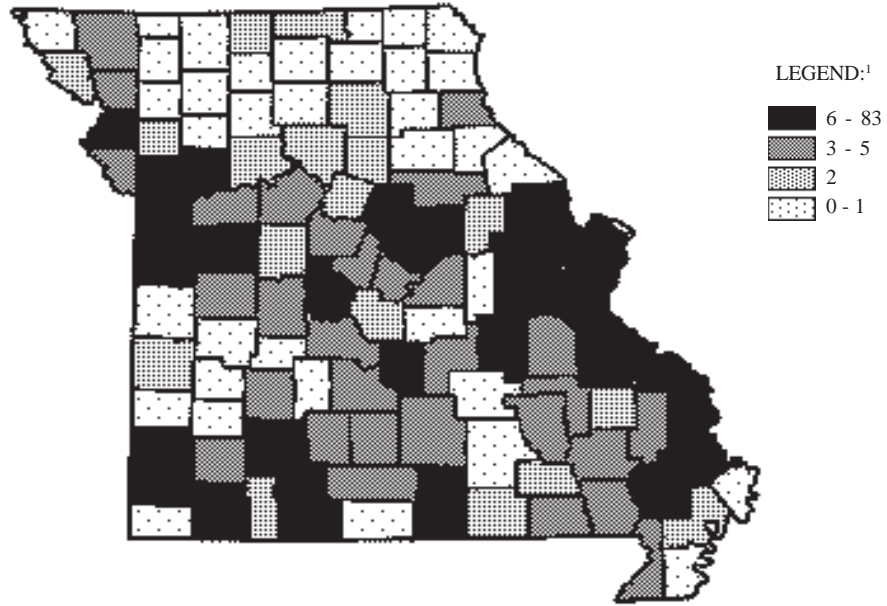
RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	5899	18.7	22.0	ST FRANCOIS	276	0.9
2.0	JACKSON	3464	11.0	23.0	NEWTON	234	0.7
3.0	ST CHARLES	2176	6.9	24.0	CALLAWAY	223	0.7
4.0	GREENE	2069	6.6	25.5	LACLEDE	217	0.7
5.0	ST LOUIS CITY	1833	5.8	25.5	PULASKI	217	0.7
6.0	JEFFERSON	1183	3.8	27.0	SCOTT	216	0.7
7.0	CLAY	1080	3.4	28.5	HOWELL	207	0.7
8.0	JASPER	795	2.5	28.5	LINCOLN	207	0.7
9.0	CAPE GIRARDEAU	718	2.3	-----			
10.0	BUCHANAN	675	2.1	First Quartile			
11.0	BOONE	627	2.0	-----			
12.0	FRANKLIN	570	1.8	Second Quartile			
13.0	CASS	468	1.5	30.0	CAMDEN	189	0.6
14.0	COLE	466	1.5	31.0	WARREN	182	0.6
15.0	PLATTE	433	1.4	32.0	LAFAYETTE	160	0.5
16.0	CHRISTIAN	369	1.2	33.0	WEBSTER	158	0.5
17.0	PETTIS	328	1.0	34.0	MARION	152	0.5
18.0	JOHNSON	299	0.9	35.0	STODDARD	148	0.5
19.0	PHELPS	298	0.9	36.0	NODAWAY	139	0.4
20.0	TANEY	288	0.9	37.0	BARRY	133	0.4
21.0	BUTLER	286	0.9	38.0	LAWRENCE	130	0.4
				39.0	DUNKLIN	127	0.4
				40.0	CRAWFORD	124	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	POLK	122	0.4	79.0	MADISON	43	0.1
42.0	MILLER	118	0.4	80.0	IRON	42	0.1
43.0	PERRY	114	0.4	81.0	BOLLINGER	40	0.1
44.0	RANDOLPH	108	0.3	83.0	BARTON	39	0.1
45.5	ADAIR	104	0.3	83.0	CEDAR	39	0.1
45.5	SALINE	104	0.3	83.0	RALLS	39	0.1
47.0	COOPER	103	0.3	85.0	OREGON	36	0.1
48.0	AUDRAIN	102	0.3	86.0	DE KALB	33	0.1
49.0	STONE	100	0.3				
50.0	WASHINGTON	99	0.3				Third Quartile
51.0	VERNON	93	0.3				
52.0	NEW MADRID	84	0.3				Fourth Quartile
53.0	LIVINGSTON	83	0.3	87.5	MISSISSIPPI	30	0.1
54.0	MACON	81	0.3	87.5	SULLIVAN	30	0.1
55.0	HENRY	76	0.2	90.5	CALDWELL	28	0.1
56.0	STE GENEVIEVE	73	0.2	90.5	CHARITON	28	0.1
57.0	OSAGE	71	0.2	90.5	CLARK	28	0.1
			Second Quartile	90.5	HOWARD	28	0.1
			Third Quartile	93.5	LEWIS	27	0.1
58.5	ANDREW	70	0.2	93.5	OZARK	27	0.1
58.5	RAY	70	0.2	96.0	CARROLL	26	0.1
60.5	BENTON	68	0.2	96.0	MONROE	26	0.1
60.5	GASCONADE	68	0.2	96.0	ST CLAIR	26	0.1
62.0	RIPLEY	66	0.2	98.0	MARIES	24	0.1
63.0	TEXAS	65	0.2	99.0	HARRISON	22	0.1
64.0	MORGAN	61	0.2	100.0	SHANNON	21	0.1
66.0	MC DONALD	60	0.2	101.5	CARTER	20	0.1
66.0	PEMISCOT	60	0.2	101.5	DAVIESS	20	0.1
66.0	WRIGHT	60	0.2	103.0	REYNOLDS	19	0.1
68.5	BATES	57	0.2	104.5	ATCHISON	18	0.1
68.5	CLINTON	57	0.2	104.5	PUTNAM	18	0.1
70.0	PIKE	54	0.2	106.0	HOLT	17	0.1
71.5	GRUNDY	53	0.2	107.0	SCOTLAND	16	0.1
71.5	MONTGOMERY	53	0.2	108.0	SCHUYLER	15	0.0
73.0	MONITEAU	52	0.2	109.0	DADE	14	0.0
74.0	DENT	50	0.2	111.0	GENTRY	11	0.0
75.0	DOUGLAS	47	0.1	111.0	HICKORY	11	0.0
77.0	DALLAS	46	0.1	111.0	MERCER	11	0.0
77.0	LINN	46	0.1	113.0	SHELBY	9	0.0
77.0	WAYNE	46	0.1	114.0	WORTH	8	0.0
				115.0	KNOX	7	0.0

TABLE 3.3.18

2011 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	83	13.0	23.5	NEWTON	7	1.1
2.0	JACKSON	47	7.3	23.5	TANEY	7	1.1
3.0	ST CHARLES	38	5.9	23.5	WARREN	7	1.1
4.0	GREENE	36	5.6	29.0	PERRY	6	0.9
5.0	JEFFERSON	33	5.2	29.0	PULASKI	6	0.9
6.0	BOONE	24	3.8	29.0	RAY	6	0.9
7.0	CLAY	16	2.5	29.0	STE GENEVIEVE	6	0.9
8.0	JOHNSON	13	2.0	29.0	STODDARD	6	0.9
9.0	FRANKLIN	12	1.9				
11.0	CASS	10	1.6				First Quartile
11.0	JASPER	10	1.6				
11.0	SCOTT	10	1.6				Second Quartile
15.0	BUCHANAN	9	1.4	34.5	AUDRAIN	5	0.8
15.0	CHRISTIAN	9	1.4	34.5	MARION	5	0.8
15.0	HOWELL	9	1.4	34.5	NODAWAY	5	0.8
15.0	ST FRANCOIS	9	1.4	34.5	OSAGE	5	0.8
15.0	ST LOUIS CITY	9	1.4	34.5	PHELPS	5	0.8
19.0	BARRY	8	1.3	34.5	PLATTE	5	0.8
19.0	CALLAWAY	8	1.3	41.5	BOLLINGER	4	0.6
19.0	MORGAN	8	1.3	41.5	BUTLER	4	0.6
23.5	CAPE GIRARDEAU	7	1.1	41.5	COLE	4	0.6
23.5	CRAWFORD	7	1.1	41.5	LACLEDE	4	0.6
23.5	LINCOLN	7	1.1	41.5	LAWRENCE	4	0.6
				41.5	POLK	4	0.6

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.5	REYNOLDS	4	0.6				
41.5	SALINE	4	0.6	90.0	CALDWELL	1	0.2
53.5	ANDREW	3	0.5	90.0	CEDAR	1	0.2
53.5	BENTON	3	0.5	90.0	DADE	1	0.2
53.5	CAMDEN	3	0.5	90.0	GASCONADE	1	0.2
53.5	COOPER	3	0.5	90.0	GENTRY	1	0.2
53.5	DOUGLAS	3	0.5	90.0	GRUNDY	1	0.2
53.5	DUNKLIN	3	0.5	90.0	HARRISON	1	0.2
53.5	HENRY	3	0.5	90.0	HICKORY	1	0.2
53.5	IRON	3	0.5	90.0	LEWIS	1	0.2
53.5	LAFAYETTE	3	0.5	90.0	LINN	1	0.2
53.5	MONITEAU	3	0.5	90.0	LIVINGSTON	1	0.2
53.5	RIPLEY	3	0.5	90.0	MC DONALD	1	0.2
53.5	TEXAS	3	0.5	90.0	MARIES	1	0.2
53.5	WASHINGTON	3	0.5	90.0	MONROE	1	0.2
53.5	WAYNE	3	0.5	90.0	PIKE	1	0.2
53.5	WEBSTER	3	0.5	90.0	RALLS	1	0.2
53.5	WRIGHT	3	0.5	90.0	SCHUYLER	1	0.2
Second Quartile				90.0	SHANNON	1	0.2
Third Quartile				90.0	SHELBY	1	0.2
70.5	CARROLL	2	0.3	90.0	SULLIVAN	1	0.2
70.5	CARTER	2	0.3	90.0	WORTH	1	0.2
70.5	CHARITON	2	0.3	108.0	ADAIR	0	0.0
70.5	CLINTON	2	0.3	108.0	ATCHISON	0	0.0
70.5	HOLT	2	0.3	108.0	BARTON	0	0.0
70.5	HOWARD	2	0.3	108.0	BATES	0	0.0
70.5	MACON	2	0.3	108.0	CLARK	0	0.0
70.5	MADISON	2	0.3	108.0	DALLAS	0	0.0
70.5	MERCER	2	0.3	108.0	DAVISS	0	0.0
70.5	MILLER	2	0.3	108.0	DE KALB	0	0.0
70.5	MONTGOMERY	2	0.3	108.0	DENT	0	0.0
70.5	NEW MADRID	2	0.3	108.0	KNOX	0	0.0
70.5	OREGON	2	0.3	108.0	MISSISSIPPI	0	0.0
70.5	PETTIS	2	0.3	108.0	OZARK	0	0.0
70.5	PUTNAM	2	0.3	108.0	PEMISCOT	0	0.0
70.5	RANDOLPH	2	0.3	108.0	ST CLAIR	0	0.0
70.5	STONE	2	0.3	108.0	SCOTLAND	0	0.0
70.5	VERNON	2	0.3				
Third Quartile							

TABLE 3.3.19

2011 YOUNG DRIVER INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	2,230	9.7
2.0	ST. LOUIS	1,833	8.0
3.0	SPRINGFIELD	1,709	7.4
4.0	ST. JOSEPH	625	2.7
5.0	LEE'S SUMMIT	624	2.7
6.0	INDEPENDENCE	562	2.4
7.0	CAPE GIRARDEAU	503	2.2
8.0	JOPLIN	499	2.2
9.0	O'FALLON	487	2.1
10.0	COLUMBIA	449	2.0
11.0	ST. PETERS	443	1.9
12.0	ST. CHARLES	390	1.7
13.0	CHESTERFIELD	378	1.6
14.0	JEFFERSON CITY	372	1.6
15.0	FLORISSANT	350	1.5
16.0	BLUE SPRINGS	311	1.4
17.0	KIRKWOOD	246	1.1
18.0	SEDALIA	235	1.0
19.0	MARYLAND HEIGHTS	232	1.0
20.0	LIBERTY	219	1.0
21.0	CREVE COEUR	212	0.9
22.0	TOWN AND COUNTRY	200	0.9
23.0	ARNOLD	194	0.8
24.0	POPLAR BLUFF	188	0.8
25.0	WILDWOOD	186	0.8
26.5	HAZELWOOD	182	0.8
26.5	SUNSET HILLS	182	0.8
28.0	ROLLA	178	0.8
29.0	BENTON	166	0.7
30.0	WARRENSBURG	159	0.7
31.0	WENTZVILLE	155	0.7
32.0	BRANSON	144	0.6
33.0	WASHINGTON	141	0.6
34.0	RAYTON	132	0.6
35.5	FENTON	131	0.6
35.5	JACKSON	131	0.6
37.0	OZARK	129	0.6
38.0	GLADSTONE	124	0.5
39.0	SIKESTON	121	0.5
40.5	LEBANON	119	0.5
40.5	MANCHESTER	119	0.5
42.0	BALLWIN	117	0.5
43.0	WEST PLAINS	115	0.5
44.0	NIXA	110	0.5
45.0	HANNIBAL	109	0.5
46.0	RICHMOND HEIGHTS	106	0.5
47.0	BRIDGETON	105	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**

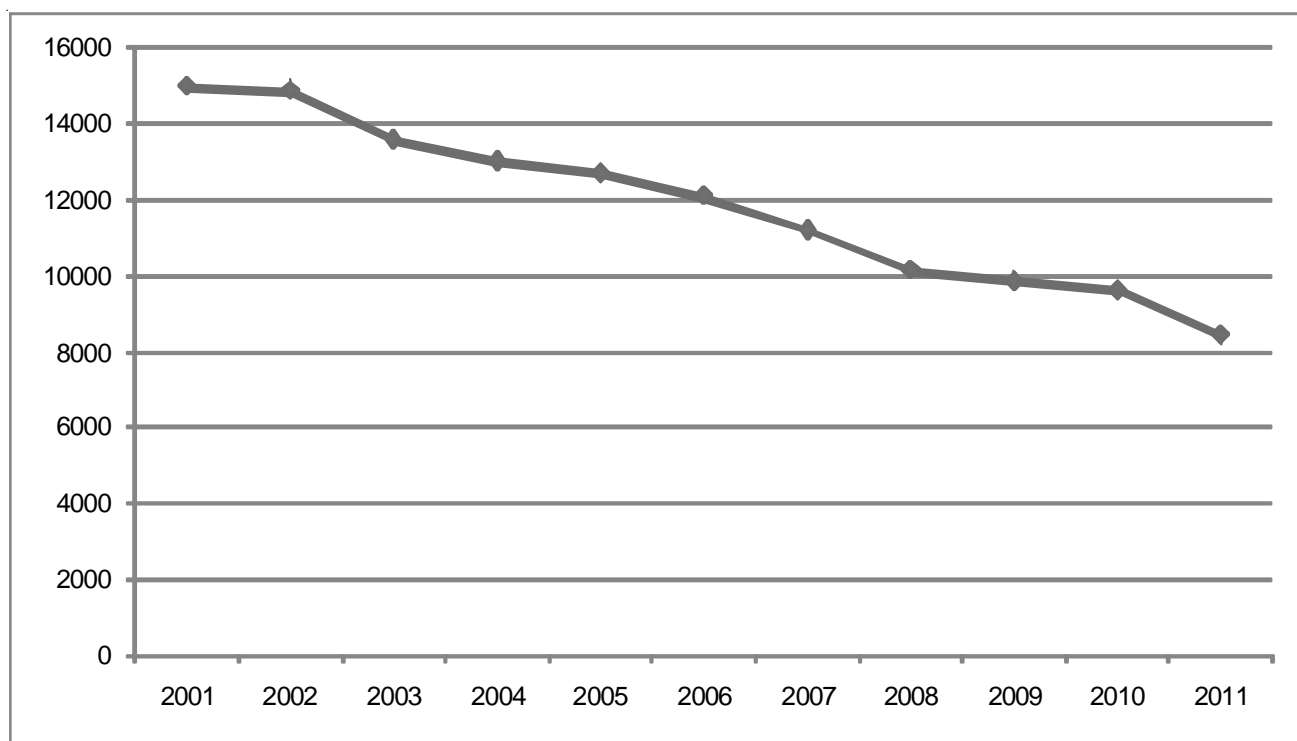


FIGURE 3.3.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 32.9% involved an older driver. Of all fatal traffic crashes, 32.1% involved an older driver. A total of 247 persons were killed and 15,929 were injured in traffic crashes involving older drivers.
- There was an decrease of 2.3% in the rate of change when comparing 2011 older driver traffic crashes with those in 2010. There was an decrease of 16.3% when comparing 2011 fatal older driver traffic crashes with 2010.
- In 2011, one person was killed or injured in older driver related traffic crashes every 32.5 minutes in the State of Missouri.
- Of all older driver related traffic crashes, the first harmful event in 81.3% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In older driver fatal traffic crashes, 47.8% involved one motor vehicle in transport striking another motor vehicle in transport and 34.6% of the cases involved a motor vehicle striking a fixed object.
- Of all 2011 older driver crashes, 67.5% occurred in an urban area and 32.5% occurred in a rural area of the State. However, 77.0% of the fatal older driver crashes occurred in a rural area.
- Of all older driver traffic crashes, 85.5% occurred from 7:00 A.M. through 6:59 P.M.
- Of all older drivers involved in traffic crashes, 56.7% were male and 43.3% were female. The average age of older drivers (55 years and older) was 65.5 years.
- Of the older drivers, 89.3% had a Missouri driver's license, 10.1% had an out-of-state driver's license, and 0.6% were unlicensed at the time of the crash.
- Of the older drivers, 51.5% were driving an automobile and 16.8% were driving a pickup truck at the time of the crash.

2011 MISSOURI TRAFFIC CRASHES

OLDER DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	OLDER DRIVERS² KILLED	INJURED
OLDER DRIVER INVOLVED	226	32.1	10,785	31.8	31,051	33.2	42,062	32.9	247	15,929	187	9,299
NO OLDER DRIVER INVOLVED	478	67.9	23,159	68.2	62,355	66.8	85,992	67.1	526	33,195	-	-
UNKNOWN ³	12	-	1,497	-	13,188	-	14,697	-	13	1,936	-	-
TOTAL	716	100.0	35,441	100.0	106,594	100.0	142,751	100.0	786	51,060	187	9,299

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

2010 AND 2011 OLDER DRIVER INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	270	226	-16.3
PERSONAL INJURY	10,888	10,785	-0.9
PROPERTY DAMAGE	31,902	31,051	-2.7
TOTAL	43,060	42,062	-2.3

TABLE 3.4.2

2011 OLDER DRIVER INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	1	0.4	97	0.9	821	2.6	919	2.2
BICYCLIST	0	0.0	143	1.3	20	0.1	163	0.4
FIXED OBJECT	78	34.6	1,339	12.4	2,525	8.1	3,942	9.4
OTHER OBJECT	3	1.3	40	0.4	277	0.9	320	0.8
PEDESTRIAN	14	6.2	208	1.9	30	0.1	252	0.6
TRAIN	4	1.8	5	0.1	8	0.0	17	0.0
VEHICLE IN TRANSPORT	108	47.8	8,464	78.4	25,668	82.7	34,240	81.3
VEHICLE ON OTHER ROADWAY	1	0.4	7	0.1	23	0.1	31	0.1
PARKED VEHICLE	0	0.0	104	1.0	1,366	4.4	1,470	3.5
NONCOLLISION OVERTURN	15	6.6	324	3.0	156	0.5	495	1.2
NONCOLLISION OTHER	2	0.9	54	0.5	157	0.5	213	0.5
TOTAL	226	100.0	10,785	100.0	31,051	100.0	42,062	100.0

TABLE 3.4.3

2011 OLDER DRIVER INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	52	23.0	7,178	66.6	21,173	68.2	28,403	67.5
RURAL	174	77.0	3,607	33.4	9,878	31.8	13,659	32.5
TOTAL	226	100.0	10,785	100.0	31,051	100.0	42,062	100.0

TABLE 3.4.4

2011 OLDER DRIVER INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	165	73.3	9,242	86.5	26,527	88.1	35,934	87.6
CURVE	60	26.7	1,446	13.5	3,591	11.9	5,097	12.4
UNKNOWN	1	-	97	-	933	-	1,031	-
TOTAL	226	100.0	10,785	100.0	31,051	100.0	42,062	100.0

TABLE 3.4.5

2011 OLDER DRIVER INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	96	42.9	7,223	68.4	21,535	72.6	28,854	71.4
HILL	121	54.0	3,130	29.6	7,528	25.4	10,779	26.6
CREST	7	3.1	214	2.0	604	2.0	825	2.0
UNKNOWN	2	-	218	-	1,384	-	1,604	-
TOTAL	226	100.0	10,785	100.0	31,051	100.0	42,062	100.0

TABLE 3.4.6

2011 OLDER DRIVER INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	192	85.7	8,593	80.1	24,429	79.4	33,214	79.6
WET	26	11.6	1,694	15.8	4,876	15.8	6,596	15.8
SNOW	5	2.2	285	2.7	1,052	3.4	1,342	3.2
ICE	1	0.5	102	1.0	306	1.0	409	1.0
SLUSH	0	0.0	39	0.4	115	0.4	154	0.4
MUD	0	0.0	0	0.0	6	0.0	6	0.0
STANDING WATER	0	0.0	2	0.0	11	0.0	13	0.0
MOVING WATER	0	0.0	2	0.0	10	0.0	12	0.0
UNKNOWN	2	-	68	-	246	-	316	-
TOTAL	226	100.0	10,785	100.0	31,051	100.0	42,062	100.0

TABLE 3.4.7

2011 OLDER DRIVER INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	24	10.6	1,095	10.2	3,496	11.3	4,615	11.0
U.S. HIGHWAY	51	22.6	1,326	12.3	3,261	10.5	4,638	11.0
STATE NUMBERED	65	28.8	2,126	19.7	5,018	16.1	7,209	17.1
SINGLE STATE LETTERED	25	11.1	626	5.8	1,292	4.2	1,943	4.6
DOUBLE STATE LETTERED	8	3.5	271	2.5	610	2.0	889	2.1
OUTER ROAD	1	0.4	81	0.8	245	0.8	327	0.8
COUNTY ROAD	26	11.5	570	5.3	1,895	6.1	2,491	5.9
CITY STREET	26	11.5	4,441	41.1	14,187	45.6	18,654	44.4
INTERSTATE LOOP	0	0.0	25	0.2	58	0.2	83	0.2
OTHER ¹	0	0.0	224	2.1	988	3.2	1,212	2.9
TOTAL	226	100.0	10,785	100.0	31,051	100.0	42,061	100.0

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

TABLE 3.4.8

2011 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	9	17.3	746	10.4	2,177	10.3	2,932	10.3	15	8.6	349	9.7	1,319	13.4	1,683	12.3
U.S. HIGHWAY	9	17.3	639	8.9	1,744	8.2	2,392	8.4	42	24.1	687	19.0	1,517	15.3	2,246	16.4
STATE NUMBERED	6	11.5	1009	14.1	2,605	12.3	3,620	12.9	59	33.9	1,117	31.0	2,413	24.4	3,589	26.3
SINGLE STATE LETTERED	1	1.9	177	2.5	463	2.2	641	2.3	24	13.8	449	12.5	829	8.4	1,302	9.5
DOUBLE STATE LETTERED	2	3.9	129	1.8	278	1.3	409	1.4	6	3.5	142	3.9	332	3.4	480	3.5
OUTER ROAD	1	1.9	61	0.9	178	0.8	240	0.8	0	0.0	20	0.6	67	0.7	87	0.6
COUNTY ROAD	3	5.8	84	1.2	294	1.4	381	1.3	23	13.2	486	13.4	1,601	16.1	2,110	15.5
CITY STREET	21	40.4	4,155	57.7	12,708	60.0	16,884	59.4	5	2.9	286	7.9	1,479	15.0	1,770	13.0
INTERSTATE LOOP	0	0.0	12	0.2	33	0.2	45	0.2	0	0.0	13	0.4	25	0.3	38	0.3
OTHER ¹	0	0.0	166	2.3	693	3.3	859	3.0	0	0.0	58	1.6	296	3.0	354	2.6
TOTAL	52	100.0	7,178	100.0	21,173	100.0	28,403	100.0	174	100.0	3,607	100.0	9,878	100.0	13,659	100.0

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

TABLE 3.4.9

2011 MISSOURI OLDER DRIVER INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	3,388	8.1
FEBRUARY	3,056	7.3
MARCH	2,980	7.1
APRIL	3,190	7.6
MAY	3,619	8.6
JUNE	3,607	8.6
JULY	3,311	7.9
AUGUST	3,586	8.5
SEPTEMBER	3,689	8.8
OCTOBER	3,918	9.2
NOVEMBER	3,752	8.9
DECEMBER	3,966	9.4
TOTAL	42,062	100.0

TABLE 3.4.10

2011 MISSOURI OLDER DRIVER INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	3,194	7.7
MONDAY	6,234	14.8
TUESDAY	6,747	16.0
WEDNESDAY	6,691	15.9
THURSDAY	6,741	16.0
FRIDAY	7,427	17.7
SATURDAY	5,023	11.9
UNKNOWN	5	--
TOTAL	42,062	100.0

TABLE 3.4.11

2011 MISSOURI OLDER DRIVER INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	249	0.6
01:00A - 01:59A	178	0.4
02:00A - 02:59A	135	0.3
03:00A - 03:59A	120	0.3
04:00A - 04:59A	161	0.4
05:00A - 05:59A	359	0.9
06:00A - 06:59A	897	2.1
07:00A - 07:59A	1,876	4.5
08:00A - 08:59A	2,135	5.1
09:00A - 09:59A	2,059	4.9
10:00A - 10:59A	2,644	6.3
11:00A - 11:59A	3,115	7.4
NOON - 12:59P	3,534	8.4
01:00P - 01:59P	3,414	8.1
02:00P - 02:59P	3,484	8.3
03:00P - 03:59P	4,082	9.6
04:00P - 04:59P	3,777	9.0
05:00P - 05:59P	3,506	8.4
06:00P - 06:59P	2,317	5.5
07:00P - 07:59P	1,294	3.1
08:00P - 08:59P	945	2.3
09:00P - 09:59P	790	1.9
10:00P - 10:59P	576	1.4
11:00P - MIDNIGHT	347	0.8
UNKNOWN	68	--
TOTAL	42,062	100.0

TABLE 3.4.12

2011 MISSOURI OLDER DRIVER CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL OLDER DRIVER CRASHES = 226				TOTAL OLDER DRIVER CRASHES = 42,062		
	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.9	0.4	1.3	1.3	1.1	2.4
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	0.4	0.3	0.7
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	16.4	5.3	21.2	5.7	4.8	10.2
IMPROPER PASSING	0.9	0.9	1.8	0.9	0.7	1.6
VIOLATION OF STOP SIGN	1.3	2.2	3.5	2.6	2.5	5.0
WRONG SIDE NOT PASSING	9.3	10.2	19.5	0.7	0.7	1.4
FOLLOWING TOO CLOSE	2.2	2.2	4.4	7.4	10.2	17.3
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPER BACKING	0.0	0.0	0.0	2.4	0.9	3.2
IMPROPER TURN	0.4	0.4	0.9	2.6	1.4	4.0
IMPROPER LANE USAGE / CHANGE	19.0	4.4	23.5	6.6	3.9	10.2
WRONG WAY ONE-WAY STREET	0.9	0.4	1.3	0.1	0.0	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.2	0.3
FAILED TO YIELD	10.2	7.5	17.7	13.4	8.6	21.7
DRINKING	8.8	4.4	13.3	1.1	0.7	1.8
DRUGS	2.2	2.2	4.4	0.2	0.2	0.4
PHYSICAL IMPAIRMENT	8.8	0.9	9.7	2.1	0.3	2.4
INATTENTION	16.8	11.5	27.9	16.3	13.4	28.8

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 2011 Missouri fatal older driver crashes, it was found that an older driver was speeding in 16.4% of the crashes. In 5.3% of the crashes another driver was speeding. In 21.2% of the crashes either an older driver, another driver, or both drivers were speeding.

TABLE 3.4.13

OLDER DRIVERS IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	190	76.0	6,871	56.4	19,474	56.6	26,535	56.7
FEMALE	60	24.0	5,302	43.6	14,930	43.4	20,292	43.3
UNKNOWN	0	-	0	-	379	-	379	-
TOTAL	250	100.0	12,173	100.0	34,783	100.0	47,206	100.0

TABLE 3.4.14

OLDER DRIVERS IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF OLDER DRIVER¹	66.3	-	65.3	-	65.5	-	65.5	-
55 - 59 YEARS	85	34.0	3,975	32.6	10,849	31.2	14,909	31.5
60 - 64 YEARS	46	18.4	2,944	24.2	8,421	24.2	11,411	24.2
65 - 69 YEARS	38	15.2	1,871	15.4	5,639	16.2	7,548	16.0
70 - 74 YEARS	26	10.4	1,317	10.8	3,837	11.0	5,180	11.0
75 YEARS AND OVER	55	22.0	2,066	17.0	6,037	17.4	8,158	17.3
TOTAL	250	100.0	12,173	100.0	34,783	100.0	47,206	100.0

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

TABLE 3.4.15

OLDER DRIVERS IN 2011 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	0.0	14	0.0	18	0.0
OPERATOR'S LICENSE	164	66.9	9,858	82.1	27,300	81.1	37,322	81.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	37	15.1	871	7.3	2,748	8.2	3,656	8.0
SUBTOTAL	201	82.0	10,733	89.4	30,062	89.3	40,996	89.3
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	1	0.0	1	0.0
OPERATOR'S LICENSE	23	9.4	956	8.0	2,667	7.9	3,646	7.9
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	13	5.3	189	1.6	790	2.4	992	2.2
SUBTOTAL	36	14.7	1,145	9.6	3,458	10.3	4,639	10.1
UNLICENSED	8	3.3	115	1.0	136	0.4	259	0.6
UNKNOWN	5	-	180	-	1,127	-	1,312	-
TOTAL	250	100.0	12,173	100.0	34,783	100.0	47,206	100.0

TABLE 3.4.16

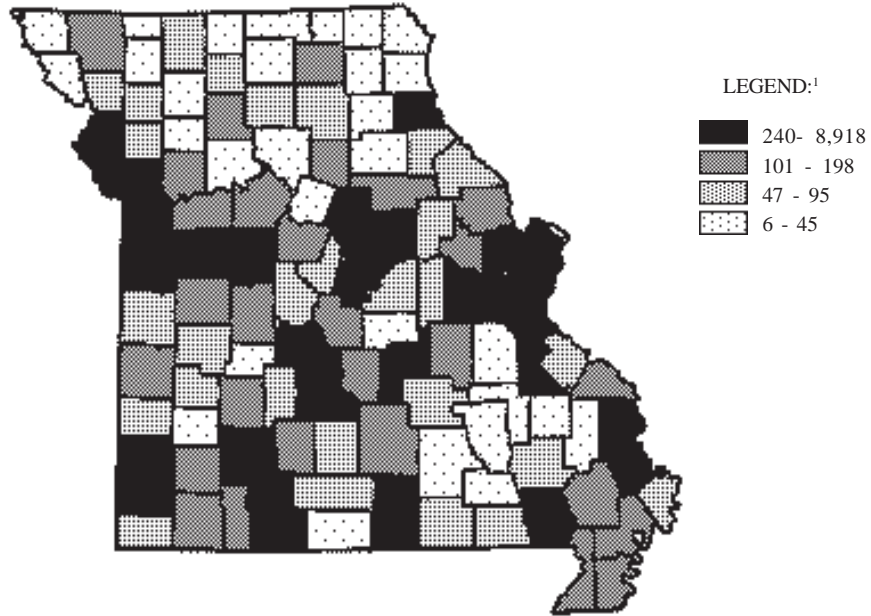
OLDER DRIVERS IN 2011 MISSOURI CRASHES
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	86	34.4	6,191	50.9	17,986	51.8	24,263	51.5
SPORT UTILITY VEHICLE	39	15.6	1,983	16.3	5,776	16.6	7,798	16.5
LIMOUSINE	0	0.0	2	0.0	12	0.0	14	0.0
VAN	18	7.2	1,018	8.4	2,639	7.6	3,675	7.8
BUS	1	0.4	61	0.5	257	0.7	319	0.7
SCHOOL BUS	1	0.4	39	0.3	241	0.7	281	0.6
MOTORCYCLE	17	6.8	415	3.4	74	0.2	506	1.1
ALL TERRAIN VEHICLE	2	0.8	17	0.1	3	0.0	22	0.1
MOPED	0	0.0	10	0.1	2	0.0	12	0.0
MOTOR HOME / CAMPER	1	0.4	9	0.1	48	0.1	58	0.1
FARM EQUIPMENT	3	1.2	17	0.1	53	0.2	73	0.2
CONSTRUCTION EQUIPMENT	0	0.0	6	0.1	20	0.1	26	0.1
OTHER TRANSPORT DEVICE	4	1.6	12	0.1	41	0.1	57	0.1
PICKUP TRUCK	47	18.8	1,979	16.3	5,934	17.1	7,960	16.8
OTHER TRUCKS	31	12.4	402	3.3	1,649	4.8	2,082	4.4
UNKNOWN	0	-	12	-	48	-	60	-
TOTAL	250	100.0	12,173	100.0	34,783	100.0	47,206	100.0

TABLE 3.4.17

2011 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	8918	21.2	22.0	NEWTON	325	0.8
2.0	JACKSON	5445	12.9	23.0	CAMDEN	314	0.7
3.0	ST LOUIS CITY	2934	7.0	24.0	LACLEDE	296	0.7
4.0	GREENE	2710	6.4	25.0	CALLAWAY	274	0.7
5.0	ST CHARLES	2167	5.2	26.0	HOWELL	270	0.6
6.0	CLAY	1357	3.2	27.0	SCOTT	254	0.6
7.0	JEFFERSON	1104	2.6	28.0	MARION	241	0.6
8.0	JASPER	1009	2.4	29.0	JOHNSON	240	0.6
9.0	CAPE GIRARDEAU	857	2.0				
10.0	BUCHANAN	726	1.7				First Quartile
11.0	FRANKLIN	672	1.6				
12.5	COLE	586	1.4				Second Quartile
12.5	PLATTE	586	1.4	30.0	WARREN	198	0.5
14.0	BOONE	560	1.3	31.5	BARRY	192	0.5
15.0	TANEY	525	1.2	31.5	LINCOLN	192	0.5
16.0	CASS	506	1.2	33.5	STODDARD	184	0.4
17.0	BUTLER	444	1.1	33.5	STONE	184	0.4
18.0	PETTIS	416	1.0	35.0	LAFAYETTE	182	0.4
19.0	PHELPS	363	0.9	36.0	RANDOLPH	178	0.4
20.0	CHRISTIAN	360	0.9	37.0	HENRY	176	0.4
21.0	ST FRANCOIS	353	0.8	38.0	PULASKI	175	0.4
				39.0	WEBSTER	172	0.4
				40.0	LAWRENCE	171	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	AUDRAIN	170	0.4	78.0	HARRISON	64	0.2
42.5	DUNKLIN	166	0.4	79.0	OREGON	60	0.1
42.5	SALINE	166	0.4	80.0	WAYNE	59	0.1
44.0	MILLER	151	0.4	82.0	DALLAS	58	0.1
45.0	NEW MADRID	148	0.4	82.0	RALLS	58	0.1
46.0	POLK	147	0.3	82.0	ST CLAIR	58	0.1
47.0	CRAWFORD	143	0.3	84.0	MISSISSIPPI	56	0.1
48.0	ADAIR	135	0.3	85.0	DOUGLAS	51	0.1
49.0	VERNON	131	0.3	86.0	CEDAR	47	0.1
50.0	BENTON	129	0.3				
51.0	COOPER	128	0.3				Third Quartile
52.0	PERRY	127	0.3				
53.0	NODAWAY	118	0.3				Fourth Quartile
54.0	PEMISCOT	113	0.3	87.5	IRON	45	0.1
55.0	LIVINGSTON	112	0.3	87.5	OZARK	45	0.1
56.0	TEXAS	108	0.3	89.0	LEWIS	44	0.1
57.5	RAY	101	0.2	90.5	HOLT	42	0.1
57.5	WASHINGTON	101	0.2	90.5	MADISON	42	0.1
			Second Quartile	92.0	DAVISS	41	0.1
				93.0	HOWARD	40	0.1
				94.0	MARIES	39	0.1
			Third Quartile	95.0	BOLLINGER	37	0.1
59.0	MACON	95	0.2	96.0	HICKORY	35	0.1
60.5	GASCONADE	93	0.2	97.5	CLARK	33	0.1
60.5	MONTGOMERY	93	0.2	97.5	REYNOLDS	33	0.1
62.0	MORGAN	92	0.2	99.0	CARROLL	31	0.1
63.5	DENT	91	0.2	100.0	CARTER	30	0.1
63.5	PIKE	91	0.2	101.0	CHARITON	29	0.1
65.0	MC DONALD	87	0.2	102.0	ATCHISON	28	0.1
66.5	BATES	85	0.2	103.0	SULLIVAN	27	0.1
66.5	MONITEAU	85	0.2	104.0	MONROE	25	0.1
68.0	STE GENEVIEVE	81	0.2	105.0	GENTRY	23	0.1
69.5	BARTON	74	0.2	106.0	CALDWELL	21	0.0
69.5	LINN	74	0.2	107.5	PUTNAM	19	0.0
71.0	CLINTON	72	0.2	107.5	SHANNON	19	0.0
72.0	OSAGE	71	0.2	109.0	SHELBY	17	0.0
73.5	ANDREW	70	0.2	110.5	MERCER	14	0.0
73.5	WRIGHT	70	0.2	110.5	SCHUYLER	14	0.0
75.0	RIPLEY	68	0.2	112.0	DADE	13	0.0
76.5	DE KALB	67	0.2	113.0	SCOTLAND	12	0.0
76.5	GRUNDY	67	0.2	114.0	KNOX	11	0.0
				115.0	WORTH	6	0.0

TABLE 3.4.18

2011 OLDER DRIVER INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	3,952	12.5
2.0	ST. LOUIS	2,937	9.3
3.0	SPRINGFIELD	2,310	7.3
4.0	INDEPENDENCE	903	2.8
5.0	JOPLIN	703	2.2
6.0	ST. JOSEPH	667	2.1
7.0	CAPE GIRARDEAU	649	2.0
8.0	LEE'S SUMMIT	591	1.9
9.0	CHESTERFIELD	518	1.6
10.0	FLORISSANT	517	1.6
11.0	ST. CHARLES	505	1.6
12.0	JEFFERSON CITY	500	1.6
13.0	CREVE COEUR	463	1.5
14.5	O'FALLON	461	1.5
14.5	ST. PETERS	461	1.5
16.0	COLUMBIA	387	1.2
17.0	KIRKWOOD	338	1.1
18.0	MARYLAND HEIGHTS	331	1.0
19.0	BLUE SPRINGS	326	1.0
20.0	TOWN AND COUNTRY	322	1.0
21.5	POPLAR BLUFF	309	1.0
21.5	SEDALIA	309	0.0
23.0	BRANSON	279	0.9
24.0	SUNSET HILLS	265	0.8
25.0	HAZELWOOD	240	0.8
26.0	FENTON	234	0.7
27.0	BRIDGETON	231	0.7
28.0	ROLLA	217	0.7
29.0	LIBERTY	213	0.7
30.0	BELTON	211	0.7
31.0	RICHMOND HEIGHTS	204	0.6
32.0	LEBANON	198	0.6
33.0	ARNOLD	196	0.6
34.0	RAYTOWN	184	0.6
35.0	GLADSTONE	183	0.6
36.0	WASHINGTON	178	0.6
37.5	CLAYTON	170	0.5
37.5	DES PERES	170	0.5
39.0	BALLWIN	161	0.5
40.0	HANNIBAL	159	0.5
41.0	WENTZVILLE	155	0.5
42.0	SIKESTON	154	0.5
43.0	FARMINGTON	149	0.5
44.0	WEBSTER GROVES	143	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**

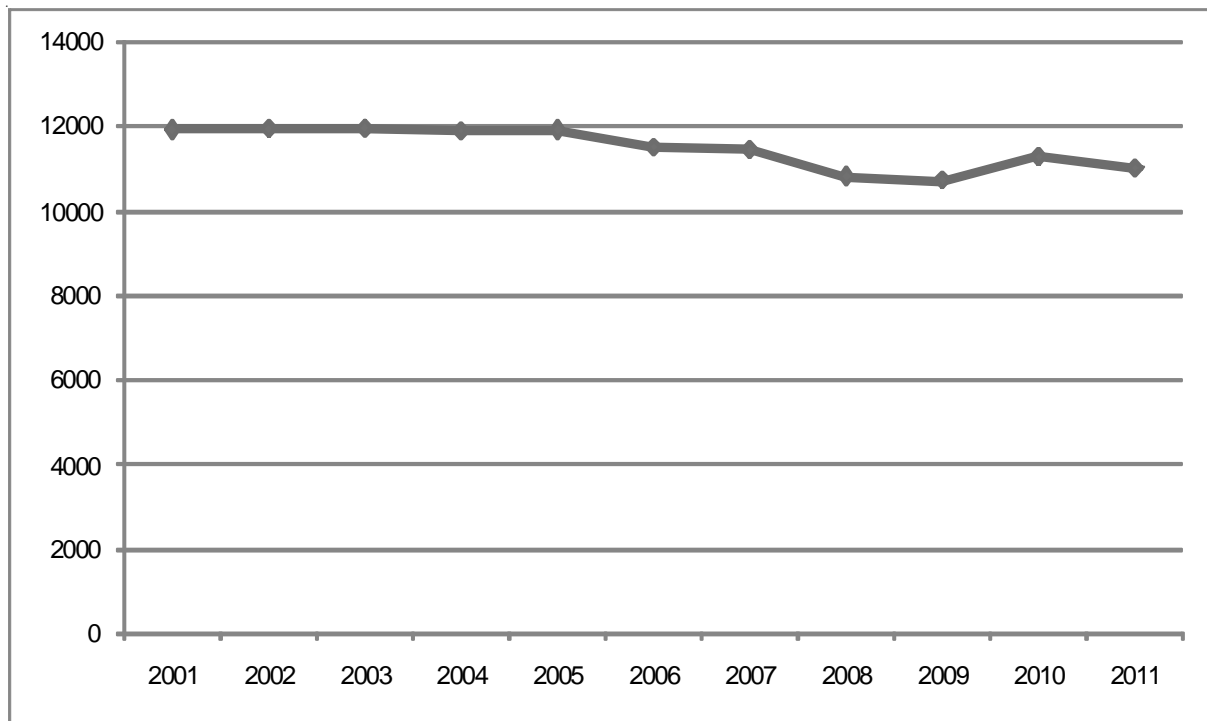


FIGURE 3.4.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 9.2% involved a commercial motor vehicle. Of all fatal traffic crashes, 15.2% involved a commercial motor vehicle. A total of 120 persons were killed and 3,479 were injured in commercial motor vehicle crashes.
- There was a decrease of 3.9% in the rate of change when comparing all 2011 commercial motor vehicle related traffic crash activity with that in 2010. There was an increase of 10.2% when comparing 2011 fatal commercial motor vehicle traffic crashes with 2010.
- In 2011, one person was killed or injured in a commercial motor vehicle related crash every 2.4 hours in the State of Missouri.
- Of all 2011 commercial motor vehicle crashes, the first harmful event in 68.4% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 15.1% of the cases, it involved a motor vehicle striking a fixed object.
- Of all 2011 commercial motor vehicle involved crashes, 60.0% occurred in an urban area of the State and 40.0% occurred in a rural area. However, in those cases where commercial motor vehicles were involved in fatal crashes 74.1% occurred in rural area.
- Of all commercial motor vehicles in 2011 traffic crashes, 38.6% were non-placarded truck-tractors with one unit, 26.4% were non-placarded single unit trucks, and 4.2% were non-placarded school buses.
- Of all commercial motor vehicle drivers in 2011 traffic crashes, 90.0% were male and 10.0% were female. The average age of commercial motor vehicle drivers was 44.5 years.
- Of all commercial motor vehicle drivers in these crashes, 70.3% had a Missouri driver's license, 29.1% had an out-of-state driver's license, and 0.6% were unlicensed at the time of the traffic crash.

2011 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	108	15.2	2,309	6.5	10,379	10.0	12,796	9.2	120	22
NO COMMERCIAL MOTOR VEHICLE INVOLVED	605	84.8	32,979	93.5	92,966	90.0	126,550	90.8	663	-
UNKNOWN ³	3	-	153	-	3,464	-	3,620	-	3	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	22

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

2010 and 2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	98	108	+10.2
PERSONAL INJURY	2,486	2,309	-7.1
PROPERTY DAMAGE	10,739	10,379	-3.4
TOTAL	13,323	12,796	-3.9

TABLE 3.5.2

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	6	0.3	182	1.8	188	1.5
BICYCLIST	0	0.0	9	0.4	1	0.0	10	0.1
FIXED OBJECT	17	15.7	261	11.3	1,656	16.0	1,934	15.1
OTHER OBJECT	0	0.0	22	1.0	185	1.7	207	1.6
PEDESTRIAN	17	15.7	30	1.3	6	0.1	53	0.4
TRAIN	2	1.9	3	0.1	3	0.0	8	0.1
VEHICLE IN TRANSPORT	64	59.3	1,749	75.7	6,954	67.0	8,767	68.4
VEHICLE ON OTHER ROADWAY	3	2.8	0	0.0	14	0.1	17	0.1
PARKED VEHICLE	0	0.0	60	2.6	971	9.3	1,031	8.1
NONCOLLISION OVERTURN	5	4.6	146	6.3	206	2.0	357	2.8
NONCOLLISION OTHER	0	0.0	23	1.0	201	2.0	224	1.8
TOTAL	108	100.0	2,309	100.0	10,379	100.0	12,796	100.0

TABLE 3.5.3

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	28	25.9	1,292	56.0	6,358	61.3	7,678	60.0
RURAL	80	74.1	1,017	44.0	4,021	38.7	5,118	40.0
TOTAL	108	100.0	2,309	100.0	10,379	100.0	12,796	100.0

TABLE 3.5.4

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	85	78.7	1,899	83.1	8,858	87.2	10,842	86.4
CURVE	23	21.3	385	16.9	1,300	12.8	1,708	13.6
UNKNOWN	0	-	25	-	221	-	246	-
TOTAL	108	100.0	2,309	100.0	10,379	100.0	12,796	100.0

TABLE 3.5.5

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	54	50.0	1,464	64.5	6,998	69.7	8,516	68.6
HILL	53	49.0	752	33.1	2,876	28.6	3,681	29.6
CREST	1	1.0	54	2.4	172	1.7	227	1.8
UNKNOWN	0	-	39	-	333	-	372	-
TOTAL	108	100.0	2,309	100.0	10,379	100.0	12,796	100.0

TABLE 3.5.6

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	91	84.3	1,724	75.3	7,807	75.9	9,622	75.9
WET	14	12.9	400	17.5	1,581	15.4	1,995	15.8
SNOW	3	2.8	119	5.2	681	6.6	803	6.4
ICE	0	0.0	35	1.6	158	1.6	193	1.5
SLUSH	0	0.0	9	0.4	46	0.5	55	0.4
MUD	0	0.0	1	0.0	2	0.0	3	0.0
STANDING WATER	0	0.0	1	0.0	2	0.0	3	0.0
MOVING WATER	0	0.0	0	0.0	3	0.0	3	0.0
UNKNOWN	0	-	20	-	99	-	119	-
TOTAL	108	100.0	2,309	100.0	10,379	100.0	12,796	100.0

TABLE 3.5.7

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	22	20.6	585	25.3	2,377	22.9	2,984	23.3
U.S. HIGHWAY	32	29.9	347	15.0	1,207	11.6	1,586	12.4
STATE NUMBERED	27	25.2	357	15.5	1,266	12.2	1,650	12.9
SINGLE STATE LETTERED	6	5.6	148	6.4	413	4.0	567	4.4
DOUBLE STATE LETTERED	3	2.8	43	1.9	161	1.6	207	1.6
OUTER ROAD	0	0.0	14	0.6	57	0.6	71	0.6
COUNTY ROAD	7	6.5	98	4.2	547	5.3	652	5.1
CITY STREET	10	9.4	678	29.4	4,076	39.2	4,764	37.2
INTERSTATE LOOP	0	0.0	5	0.2	13	0.1	18	0.2
OTHER ¹	1	0.0	34	1.5	262	2.5	296	2.3
TOTAL	108	100.0	2,309	100.0	10,379	100.0	12,796	100.0

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

TABLE 3.5.8

2011 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	8	28.6	320	24.8	1,207	19.0	1,535	20.0	14	17.7	265	26.1	1,170	29.0	1,449	28.3
U.S. HIGHWAY	7	25.0	131	10.1	519	8.2	657	8.6	25	31.6	216	21.2	688	17.1	929	18.1
STATE NUMBERED	4	14.3	133	10.3	543	8.5	680	8.9	23	29.1	224	22.0	723	18.0	970	19.0
SINGLE STATE LETTERED	0	0.0	27	2.1	92	1.5	119	1.6	6	7.6	121	11.9	321	8.0	448	8.7
DOUBLE STATE LETTERED	0	0.0	7	0.5	45	0.7	52	0.7	3	3.8	36	3.5	116	2.9	155	3.0
OUTER ROAD	0	0.0	8	0.6	38	0.6	46	0.6	0	0.0	6	0.6	19	0.5	25	0.5
COUNTY ROAD	0	0.0	10	0.8	62	1.0	72	0.9	7	8.9	88	8.7	485	12.1	580	11.3
CITY STREET	9	32.1	632	48.9	3,685	58.0	4,326	56.3	1	1.3	46	4.5	391	9.7	438	8.6
INTERSTATE LOOP	0	0.0	1	0.1	9	0.1	10	0.1	0	0.0	4	0.4	4	0.1	8	0.2
OTHER ¹	0	0.0	23	1.8	158	2.5	181	2.3	1	0.0	11	1.1	104	2.6	116	2.3
TOTAL	28	100.0	1,292	100.0	6,358	100.0	7,678	100.0	80	100.0	1,017	100.0	4,021	100.0	5,118	100.0

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

TABLE 3.5.9

2011 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	1,192	9.3
FEBRUARY	1,246	9.7
MARCH	900	7.0
APRIL	950	7.4
MAY	1,037	8.1
JUNE	1,103	8.6
JULY	1,009	7.9
AUGUST	1,110	8.7
SEPTEMBER	1,047	8.2
OCTOBER	1,086	8.5
NOVEMBER	1,070	8.4
DECEMBER	1,046	8.2
TOTAL	12,796	100.0

TABLE 3.5.10

2011 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	660	5.2
MONDAY	2,147	16.8
TUESDAY	2,369	18.5
WEDNESDAY	2,199	17.2
THURSDAY	2,219	17.3
FRIDAY	2,153	16.8
SATURDAY	1,048	8.2
UNKNOWN	1	--
TOTAL	12,796	100.0

TABLE 3.5.11

2011 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	167	1.3
01:00A - 01:59A	130	1.0
02:00A - 02:59A	112	0.9
03:00A - 03:59A	112	0.9
04:00A - 04:59A	142	1.1
05:00A - 05:59A	211	1.7
06:00A - 06:59A	425	3.3
07:00A - 07:59A	811	6.4
08:00A - 08:59A	881	6.9
09:00A - 09:59A	735	5.8
10:00A - 10:59A	825	6.5
11:00A - 11:59A	932	7.3
NOON - 12:59P	938	7.3
01:00P - 01:59P	952	7.5
02:00P - 02:59P	984	7.7
03:00P - 03:59P	1,039	8.1
04:00P - 04:59P	954	7.5
05:00P - 05:59P	702	5.5
06:00P - 06:59P	504	4.0
07:00P - 07:59P	326	2.6
08:00P - 08:59P	257	2.0
09:00P - 09:59P	243	1.9
10:00P - 10:59P	225	1.8
11:00P - MIDNIGHT	165	1.3
UNKNOWN	24	--
TOTAL	12,796	100.0

TABLE 3.5.12

2011 MISSOURI COMMERCIAL MOTOR VEHICLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL COMMERCIAL MOTOR VEHICLE CRASHES = 108				TOTAL COMMERCIAL MOTOR VEHICLE CRASHES = 12,796		
	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.9	1.9	3.7	5.1	0.9	6.0
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.9	0.9	1.9	0.4	0.5	0.9
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	6.5	9.3	15.7	6.5	6.4	12.6
IMPROPER PASSING	0.0	2.8	2.8	1.2	1.7	2.9
VIOLATION OF STOP SIGN	1.9	1.9	3.7	1.1	1.3	2.4
WRONG SIDE NOT PASSING	2.8	15.7	18.5	0.9	1.0	1.9
FOLLOWING TOO CLOSE	1.9	3.7	5.6	5.9	5.0	10.8
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPER BACKING	0.0	0.0	0.0	4.1	0.5	4.6
IMPROPER TURN	0.9	0.0	0.9	4.9	1.3	6.2
IMPROPER LANE USAGE / CHANGE	7.4	12.0	19.4	10.1	6.9	16.5
WRONG WAY ONE-WAY STREET	0.0	0.9	0.9	0.1	0.1	0.2
IMPROPER START FROM PARK	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPERLY PARKED	1.9	0.0	1.9	0.4	0.4	0.8
FAILED TO YIELD	5.6	15.7	21.3	4.9	6.5	11.2
DRINKING	0.0	9.3	9.3	0.5	1.1	1.6
DRUGS	0.0	3.7	3.7	0.1	0.3	0.4
PHYSICAL IMPAIRMENT	1.9	1.9	3.7	0.8	0.7	1.4
INATTENTION	10.2	24.1	33.3	18.0	10.3	27.4

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 2011 Missouri fatal commercial motor vehicle crashes, it was found that a commercial motor vehicle driver was speeding in 6.5% of the crashes. In 9.3% of the crashes another driver was speeding. In 15.7% of the crashes either a commercial motor vehicle driver, another driver, or both drivers were speeding.

TABLE 3.5.13

COMMERCIAL MOTOR VEHICLES IN 2011 MISSOURI CRASHES
TYPE OF COMMERCIAL MOTOR VEHICLE BY CRASH SEVERITY

PLACARDED	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	0	0.0	2	6.1	2	2.1	4	3.0
SPORT UTILITY VEHICLE	0	0.0	0	0.0	1	1.0	1	0.7
VAN	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	1	16.7	1	3.0	2	2.1	4	3.0
PICKUP TRUCK	0	0.0	1	3.0	2	2.1	3	2.2
SINGLE UNIT TRUCK	3	50.0	5	15.2	23	24.0	31	23.0
TRUCK-TRACTOR-NO UNIT	0	0.0	0	0.0	1	1.0	1	0.7
TRUCK-TRACTOR-1 UNIT	1	16.7	22	66.7	58	60.4	81	60.0
TRUCK-TRACTOR-2 UNITS	1	16.7	1	3.0	4	4.2	6	4.4
OTHER HEAVY TRUCKS	0	0.0	1	3.0	3	3.1	4	3.0
UNKNOWN	0	0.0	0	0.0	0	0.0	0	0.0
NON-PLACARDED TRUCKS HAVING A GCVWR OF 10,001 POUNDS OR MORE								
PICKUP TRUCK	13	12.0	435	18.0	1,671	15.2	2,119	15.7
SINGLE UNIT TRUCK	37	34.2	651	26.9	2,881	26.2	3,569	26.4
TRUCK-TRACTOR-NO UNITS	2	1.8	38	1.6	187	1.7	227	1.7
TRUCK-TRACTOR-1 UNIT	50	46.3	912	37.8	4,256	38.7	5,218	38.6
TRUCK-TRACTOR-2 UNITS	0	0.0	33	1.4	139	1.3	172	1.3
TRUCK-TRACTOR-3 UNITS	0	0.0	2	0.1	6	0.1	8	0.1
OTHER HEAVY TRUCKS	2	1.9	111	4.6	776	7.1	889	6.6
NON-PLACARDED BUS - 16 OR MORE SEATING CAPACITY								
BUS	3	2.8	138	5.7	593	5.4	734	5.4
SCHOOL BUS	1	0.9	91	3.8	479	4.4	571	4.2
TOTAL	114	100.0	2,444	100.0	11,084	100.0	13,642	100.0

TABLE 3.5.14

COMMERCIAL MOTOR VEHICLES IN 2011 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	8	7.0	64	2.6	392	3.5	464	3.4
KNOWN DRIVER INVOLVED	106	93.0	2,313	94.6	9,950	89.8	12,369	90.7
UNKNOWN DRIVER INVOLVED	0	0.0	67	2.7	742	6.7	809	5.9
TOTAL	114	100.0	2,444	100.0	11,084	100.0	13,642	100.0

TABLE 3.5.15

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	106	100.0	2,092	90.5	8,882	89.8	11,080	90.0
FEMALE	0	0.0	221	9.5	1,005	10.2	1,226	10.0
UNKNOWN	0	-	67	-	801	-	868	-
TOTAL	106	100.0	2,380	100.0	10,688	100.0	13,174	100.0

TABLE 3.5.16

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	47.5	-	44.5	-	44.5	-	44.5	-
14 YEARS AND UNDER	0	0.0	1	0.0	0	0.0	1	0.0
15 - 20 YEARS	2	1.9	59	2.6	205	2.1	266	2.2
21 - 25 YEARS	3	2.8	136	5.9	606	6.1	745	6.1
26 - 30 YEARS	6	5.7	198	8.6	890	9.0	1,094	8.9
31 - 35 YEARS	10	9.4	225	9.8	1028	10.4	1,263	10.3
36 - 40 YEARS	10	9.4	276	12.0	1,089	11.0	1,375	11.2
41 - 45 YEARS	16	15.1	328	14.2	1,242	12.6	1,586	12.9
46 - 50 YEARS	12	11.3	271	11.8	1,408	14.2	1,691	13.8
51 - 55 YEARS	13	12.3	289	12.5	1,332	13.5	1,634	13.3
56 - 60 YEARS	19	17.9	253	11.0	974	9.9	1,246	10.1
61 - 65 YEARS	8	7.6	144	6.3	602	6.1	754	6.1
66 YEARS AND OVER	7	6.6	122	5.3	502	5.1	631	5.1
UNKNOWN	0	-	78	-	810	-	888	-
TOTAL	106	100.0	2,380	100.0	10,688	100.0	13,174	100.0

TABLE 3.5.17

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2011 MISSOURI CRASHES

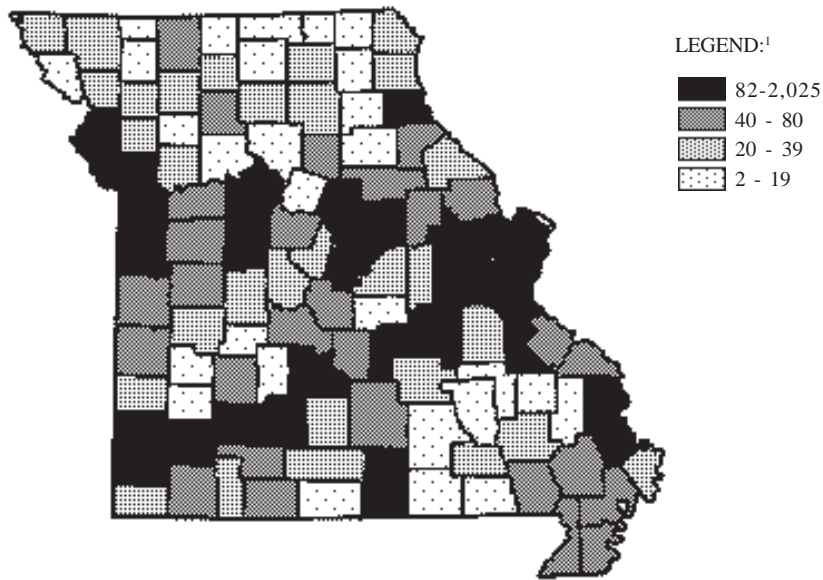
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	4	0.2	8	0.1	12	0.1
OPERATOR'S LICENSE	17	16.5	626	27.6	2,618	27.2	3,261	27.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	49	47.6	1,001	44.1	4,104	42.6	5,154	43.0
SUBTOTAL	66	64.1	1,631	71.9	6,730	69.9	8,427	70.3
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	1	0.0	1	0.0
OPERATOR'S LICENSE	3	2.9	109	4.8	439	4.6	551	4.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	33	32.0	504	22.2	2,407	25.0	2,944	24.5
SUBTOTAL	36	34.9	613	27.0	2,847	29.6	3,496	29.1
UNLICENSED	1	1.0	25	1.1	47	0.5	73	0.6
UNKNOWN	3	-	111	-	1,064	-	1,178	-
TOTAL	106	100.0	2,380	100.0	10,688	100.0	13,174	100.0

TABLE 3.5.18

2011 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	ST LOUIS	2,025	15.8	24	LAWRENCE	94	0.7
2	JACKSON	1,611	12.6	25	WEBSTER	92	0.7
3	ST LOUIS CITY	1,315	10.3	26	HOWELL	86	0.7
4	ST CHARLES	611	4.8	27	ST FRANCOIS	85	0.7
5	GREENE	522	4.1	28	CRAWFORD	83	0.6
6	CLAY	420	3.3	29	SALINE	82	0.6
7	BUCHANAN	373	2.9	First Quartile			
8	JEFFERSON	339	2.6	Second Quartile			
9	JASPER	271	2.1	30	PEMISCOT	80	0.6
10	FRANKLIN	237	1.9	31	LAFAYETTE	79	0.6
11	BOONE	200	1.6	32.5	BUTLER	78	0.6
12	PLATTE	199	1.6	32.5	COOPER	78	0.6
13	PHELPS	189	1.5	34	PULASKI	75	0.6
14	CAPE GIRARDEAU	163	1.3	35	NEW MADRID	70	0.5
15	CASS	146	1.1	36	MONTGOMERY	69	0.5
16	PETTIS	124	1	37	JOHNSON	65	0.5
17	COLE	122	1	38.5	AUDRAIN	63	0.5
18	NEWTON	118	0.9	38.5	VERNON	63	0.5
19.5	CALLAWAY	115	0.9	40.5	CHRISTIAN	61	0.5
19.5	LACLEDE	115	0.9	40.5	PERRY	61	0.5
21	MARION	105	0.8	42	CAMDEN	59	0.5
22	WARREN	101	0.8	43	STODDARD	56	0.4
23	SCOTT	99	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
44	TANEY	55	0.4	79	WASHINGTON	23	0.2
45.5	BARRY	53	0.4	81.5	DENT	22	0.2
45.5	LINCOLN	53	0.4	81.5	WRIGHT	22	0.2
47	TEXAS	49	0.4	83.5	CLARK	21	0.2
48.5	HENRY	48	0.4	83.5	GRUNDY	21	0.2
48.5	LIVINGSTON	48	0.4	86	CARTER	20	0.2
50.5	DUNKLIN	47	0.4	86	DOUGLAS	20	0.2
50.5	MILLER	47	0.4	86	MISSISSIPPI	20	0.2
52	RALLS	46	0.4				
53.5	POLK	42	0.3				Third Quartile
53.5	STE GENEVIEVE	42	0.3				
55.5	BATES	41	0.3				Fourth Quartile
55.5	HARRISON	41	0.3	88.5	DALLAS	19	0.1
57	RANDOLPH	40	0.3	88.5	HOLT	19	0.1
			Second Quartile	91	MONROE	17	0.1
				91	OREGON	17	0.1
			Third Quartile	91	SHELBY	17	0.1
58.5	DE KALB	39	0.3	91	CALDWELL	16	0.1
58.5	STONE	39	0.3	93.5	MARIES	16	0.1
60	ANDREW	38	0.3	95	IRON	15	0.1
61.5	GASCONADE	37	0.3	96	REYNOLDS	14	0.1
61.5	OSAGE	37	0.3	99	BOLLINGER	13	0.1
63	PIKE	33	0.3	99	CEDAR	13	0.1
64	MC DONALD	32	0.3	99	MADISON	13	0.1
66	ADAIR	31	0.2	99	RIPLEY	13	0.1
66	ATCHISON	31	0.2	99	SHANNON	13	0.1
66	MORGAN	31	0.2	102	HOWARD	12	0.1
68.5	BENTON	29	0.2	103.5	CARROLL	11	0.1
68.5	NODAWAY	29	0.2	103.5	PUTNAM	11	0.1
70	MONITEAU	28	0.2	105	KNOX	10	0.1
71.5	RAY	26	0.2	106.5	GENTRY	9	0.1
71.5	ST CLAIR	26	0.2	106.5	SCOTLAND	9	0.1
74.5	BARTON	25	0.2	108	OZARK	8	0.1
74.5	CLINTON	25	0.2	109	MERCER	7	0.1
74.5	LINN	25	0.2	110.5	CHARITON	6	0
74.5	WAYNE	25	0.2	110.5	SULLIVAN	6	0
77	LEWIS	24	0.2	112.5	DADE	5	0
79	DAVISS	23	0.2	112.5	HICKORY	5	0
79	MACON	23	0.2	114	SCHUYLER	4	0
				115	WORTH	2	0

TABLE 3.5.19

2011 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	ST. LOUIS	1,317	15.2
2.0	KANSAS CITY	1,299	15.0
3.0	SPRINGFIELD	379	4.4
4.0	ST. JOSPEH	315	3.6
5.0	INDEPENDENCE	164	1.9
6.0	JOPLIN	148	1.7
7.0	LEE'S SUMMIT	138	1.6
8.0	COLUMBIA	129	1.5
9.0	O' FALLON	118	1.4
10.0	ST. PETERS	117	1.4
11.0	ST. CHARLES	115	1.3
12.0	JEFFERSON CITY	107	1.2
13.0	MARYLAND HEIGHTS	98	1.1
14.0	FLORISSANT	97	1.1
15.0	KIRKWOOD	96	1.1
16.0	BRIDGETON	94	1.1
17.0	SUNSET HILLS	93	1.1
18.0	CAPE GIRARDEAU	92	1.1
19.0	ROLLA	91	1.1
20.0	SEDALIA	88	1.0
21.0	CHESTERFIELD	79	0.9
22.0	BLUE SPRINGS	76	0.9
23.0	LIBERTY	74	0.9
24.0	HAZELWOOD	73	0.8
25.0	WENTZVILLE	69	0.8
26.0	CREVE COEUR	60	0.7
27.0	HANNIBAL	57	0.7
28.0	TOWN AND COUNTRY	56	0.6
29.0	FENTON	55	0.6
30.0	NORTH KANSAS CITY	52	0.6
31.5	ARNOLD	51	0.6
31.5	RICHMOND HEIGHTS	51	0.6
33.5	LEBANON	47	0.5
33.5	WASHINGTON	47	0.5
35.5	BERKELEY	43	0.5
35.5	CLAYTON	43	0.5
37.0	JACKSON	40	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**

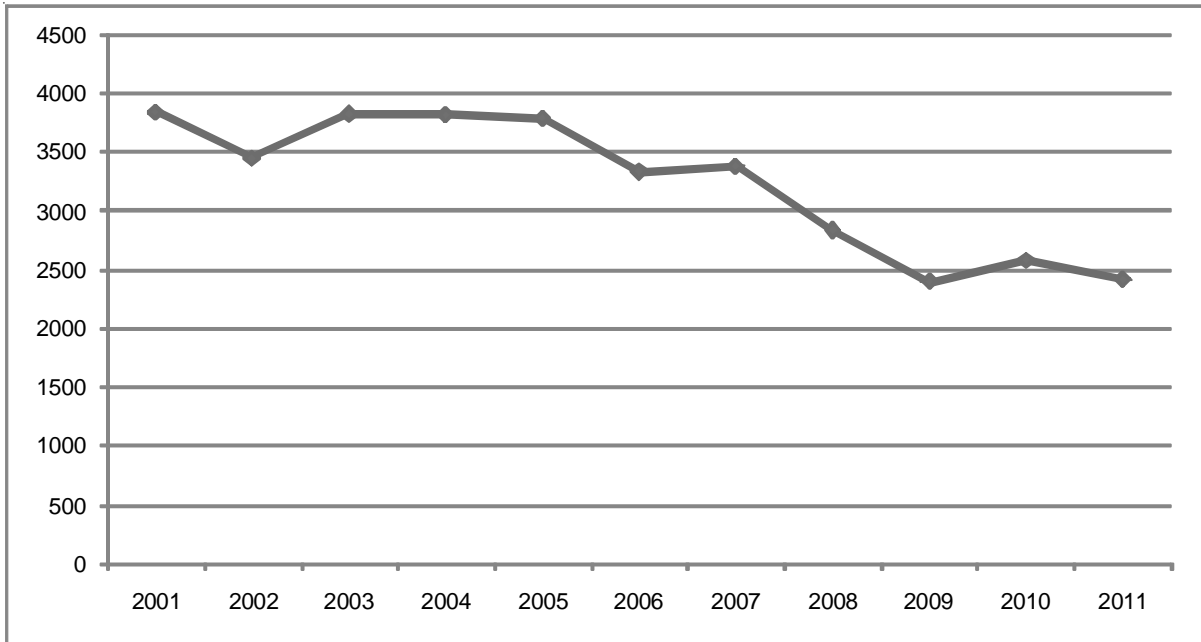


FIGURE 3.5.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 1.8% involved a motorcycle. Of all fatal traffic crashes, 11.3% involved a motorcycle. A total of 82 persons were killed and 2,166 were injured in motorcycle crashes.
- There was an increase of 7.0% in the rate of change when comparing total 2011 motorcycle traffic crashes with those in 2010. There was a decrease of 13.8% when comparing fatal 2011 motorcycle crashes with 2010.
- In 2011, one person was killed or injured in a motorcycle traffic crash every 3.9 hours in the State of Missouri.
- Of all 2011 motorcycle crashes, the first harmful event in 42.0% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 28.1% of the cases, it involved a motor vehicle overturning. In fatal motorcycle traffic crashes, 29.6% of the cases involved a motor vehicle striking a fixed object.
- Of all 2011 motorcycle traffic crashes, 52.6% occurred in urban regions of the State and 47.4% occurred in rural areas. However, in fatal motorcycle crashes, 63.0% occurred in a rural area.
- Of all motorcycle drivers in traffic crashes, 93.7% were male and 6.3% were female. The average age of motorcyclists was 41.3 years.
- Motorcycle drivers were speeding in 48.1% of all fatal motorcycle traffic crashes and their drinking was a causative factor in 22.2% of these crashes.
- Of those motorcyclists in 2011 traffic crashes who wore a helmet, 26.9% were either killed or received a major disabling injury. Of those not wearing helmets, 33.6% were either killed or received a major disabling injury.

2011 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	81	11.3	1,893	5.4	492	0.5	2,466	1.8	82	2,166	81	2,087
NO MOTORCYCLE INVOLVED	633	88.7	33,398	94.6	102,829	99.5	136,860	98.2	702	48,690	-	-
UNKNOWN³	2	-	150	-	3,488	-	3,640	-	2	204	-	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	81	2,087

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

2010 AND 2011 MOTORCYCLE INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	94	81	-13.8
PERSONAL INJURY	1,731	1,893	+9.4
PROPERTY DAMAGE	480	492	+2.5
TOTAL	2,305	2,466	+7.0

TABLE 3.6.2

2011 MOTORCYCLE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	2	2.5	108	5.7	15	3.1	125	5.1
BICYCLIST	0	0.0	3	0.2	1	0.2	4	0.2
FIXED OBJECT	24	29.6	343	18.1	50	10.2	417	16.9
OTHER OBJECT	0	0.0	13	0.7	10	2.0	23	0.9
PEDESTRIAN	1	1.2	4	0.2	0	0.0	5	0.2
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	28	34.6	720	38.0	287	58.3	1,035	42.0
VEHICLE ON OTHER ROADWAY	0	0.0	1	0.1	0	0.0	1	0.0
PARKED VEHICLE	2	2.5	15	0.8	35	7.1	52	2.1
NONCOLLISION OVERTURN	23	28.4	594	31.4	77	15.7	694	28.1
NONCOLLISION OTHER	1	1.2	92	4.9	17	3.5	110	4.5
TOTAL	81	100.0	1,893	100.0	492	100.0	2,466	100.0

TABLE 3.6.3

2011 MOTORCYCLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	30	37.0	966	51.0	300	61.0	1,296	52.6
RURAL	51	63.0	927	49.0	192	39.0	1,170	47.4
TOTAL	81	100.0	1,893	100.0	492	100.0	2,466	100.0

TABLE 3.6.4

2011 MOTORCYCLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	45	55.6	1,258	67.1	376	79.2	1,679	69.1
CURVE	36	44.4	617	32.9	99	20.8	752	30.9
UNKNOWN	0	-	18	-	17	-	35	-
TOTAL	81	100.0	1,893	100.0	492	100.0	2,466	100.0

TABLE 3.6.5

2011 MOTORCYCLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	36	44.4	1,144	61.3	318	67.5	1,498	62.0
HILL	42	51.9	667	35.7	137	29.1	846	35.0
CREST	3	3.7	55	3.0	16	3.4	74	3.1
UNKNOWN	0	-	27	-	21	-	48	-
TOTAL	81	100.0	1,893	100.0	492	100.0	2,466	100.0

TABLE 3.6.6

2011 MOTORCYCLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	78	96.3	1,784	95.5	445	92.3	2,307	94.9
WET	3	3.7	82	4.4	37	7.7	122	5.0
SNOW	0	0.0	0	0.0	0	0.0	0	0.0
ICE	0	0.0	1	0.1	0	0.0	1	0.0
SLUSH	0	0.0	1	0.1	0	0.0	1	0.0
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	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	24	-	10	-	34	-
TOTAL	81	100.0	1,893	100.0	492	100.0	2,466	100.0

TABLE 3.6.7

2011 MOTORCYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	7	8.6	157	8.3	41	8.3	205	8.3
U.S. HIGHWAY	15	18.5	188	9.9	48	9.8	251	10.2
STATE NUMBERED	21	25.9	357	18.9	89	18.1	467	18.9
SINGLE STATE LETTERED	10	12.4	212	11.2	29	5.9	251	10.2
DOUBLE STATE LETTERED	4	4.9	79	4.2	7	1.4	90	3.7
OUTER ROAD	0	0.0	25	1.3	3	0.6	28	1.1
COUNTY ROAD	7	8.6	184	9.7	44	8.9	235	9.5
CITY STREET	17	21.0	650	34.3	215	43.7	882	35.8
INTERSTATE LOOP	0	0.0	6	0.3	2	0.4	8	0.3
OTHER ¹	0	0.0	35	1.9	14	2.9	49	2.0
TOTAL	81	100.0	1,893	100.0	492	100.0	2,466	100.0

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

TABLE 3.6.8

2011 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	4	13.3	115	11.9	26	8.7	145	11.2	3	5.9	42	4.5	15	7.8	60	5.1
U.S. HIGHWAY	6	20.0	71	7.4	22	7.3	99	7.6	9	17.7	117	12.6	26	13.5	152	13.0
STATE NUMBERED	3	10.0	101	10.5	35	11.7	139	10.7	18	35.3	256	27.6	54	28.1	328	28.0
SINGLE STATE LETTERED	0	0.0	16	1.7	5	1.7	21	1.6	10	19.6	196	21.1	24	12.5	230	19.7
DOUBLE STATE LETTERED	2	6.7	16	1.7	0	0.0	18	1.4	2	3.9	63	6.8	7	3.7	72	6.2
OUTER ROAD	0	0.0	13	1.4	2	0.7	15	1.2	0	0.0	12	1.3	1	0.5	13	1.1
COUNTY ROAD	1	3.3	15	1.6	6	2.0	22	1.7	6	11.8	169	18.2	38	19.8	213	18.2
CITY STREET	14	46.7	598	61.9	195	65.0	807	62.3	3	5.9	52	5.6	20	10.4	75	6.4
INTERSTATE LOOP	0	0.0	2	0.2	1	0.3	3	0.2	0	0.0	4	0.4	1	0.5	5	0.5
OTHER ¹	0	0.0	19	2.0	8	2.7	27	2.1	0	0.0	16	1.7	6	3.1	22	1.9
TOTAL	30	100.0	966	100.0	300	100.0	1,296	100.0	51	100.0	927	100.0	192	100.0	1,170	100.0

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

TABLE 3.6.9

2011 MISSOURI MOTORCYCLE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	20	0.8
FEBRUARY	40	1.6
MARCH	139	5.6
APRIL	224	9.1
MAY	241	9.8
JUNE	339	13.8
JULY	357	14.5
AUGUST	363	14.7
SEPTEMBER	313	12.7
OCTOBER	282	11.4
NOVEMBER	86	3.5
DECEMBER	62	2.5
TOTAL	2,466	100.0

TABLE 3.6.10

2011 MISSOURI MOTORCYCLE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	383	15.5
MONDAY	283	11.5
TUESDAY	261	10.6
WEDNESDAY	290	11.8
THURSDAY	355	14.4
FRIDAY	409	16.6
SATURDAY	484	19.6
UNKNOWN	1	--
TOTAL	2,466	100.0

TABLE 3.6.11

2011 MISSOURI MOTORCYCLE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	33	1.3
01:00A - 01:59A	32	1.3
02:00A - 02:59A	21	0.9
03:00A - 03:59A	14	0.6
04:00A - 04:59A	12	0.5
05:00A - 05:59A	31	1.3
06:00A - 06:59A	53	2.2
07:00A - 07:59A	51	2.1
08:00A - 08:59A	56	2.3
09:00A - 09:59A	62	2.5
10:00A - 10:59A	103	4.2
11:00A - 11:59A	139	5.7
NOON - 12:59P	172	7.0
01:00P - 01:59P	161	6.5
02:00P - 02:59P	209	8.5
03:00P - 03:59P	212	8.6
04:00P - 04:59P	226	9.2
05:00P - 05:59P	232	9.4
06:00P - 06:59P	143	5.8
07:00P - 07:59P	119	4.8
08:00P - 08:59P	119	4.8
09:00P - 09:59P	110	4.5
10:00P - 10:59P	73	3.0
11:00P - MIDNIGHT	78	3.2
UNKNOWN	5	--
TOTAL	2,466	100.0

TABLE 3.6.12

2011 MISSOURI MOTORCYCLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL MOTORCYCLE CRASHES = 81				TOTAL MOTORCYCLE CRASHES = 2,466		
	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL FATAL	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	3.7	0.0	3.7	3.3	0.3	3.6
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	1.2	1.2	0.3	0.4	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	48.1	3.7	51.9	23.6	0.9	24.5
IMPROPER PASSING	7.4	0.0	7.4	1.8	0.4	2.2
VIOLATION OF STOP SIGN	4.9	1.2	6.2	0.9	1.1	2.0
WRONG SIDE NOT PASSING	7.4	1.2	8.6	1.5	0.3	1.8
FOLLOWING TOO CLOSE	1.2	1.2	2.5	7.1	3.0	9.9
IMPROPER SIGNAL	0.0	0.0	0.0	0.2	0.2	0.4
IMPROPER BACKING	0.0	0.0	0.0	0.0	1.1	1.1
IMPROPER TURN	0.0	0.0	0.0	1.5	2.2	3.6
IMPROPER LANE USAGE / CHANGE	18.5	2.5	21.0	7.5	2.5	9.9
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.2	0.2	0.4
IMPROPER START FROM PARK	0.0	0.0	0.0	0.4	0.0	0.4
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.0	0.1
FAILED TO YIELD	6.2	13.6	19.8	2.8	14.4	17.0
DRINKING	22.2	1.2	23.5	5.7	0.7	6.4
DRUGS	6.2	0.0	6.2	0.5	0.1	0.6
PHYSICAL IMPAIRMENT	1.2	1.2	2.5	0.6	0.2	0.8
INATTENTION	17.3	2.5	19.8	14.3	8.1	21.9

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 2011 Missouri motorcycle crashes, it was found that a motorcyclist was speeding in 48.1% of the crashes. In 3.7% of the crashes another driver was speeding. In 51.9% of the crashes either a motorcyclist, another driver, or both drivers were speeding.

TABLE 3.6.13

MOTORCYCLES IN 2011 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	2	0.1	33	6.6	35	1.4
KNOWN DRIVER INVOLVED	83	100.0	1,932	99.7	433	86.6	2,448	97.1
UNKNOWN DRIVER INVOLVED	0	0.0	4	0.2	34	6.8	38	1.5
TOTAL	83	100.0	1,938	100.0	500	100.0	2,521	100.0

TABLE 3.6.14

DRIVERS OF MOTORCYCLES IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	80	96.4	1,796	93.0	411	96.3	2,287	93.7
FEMALE	3	3.6	136	7.0	16	3.7	155	6.3
UNKNOWN	0	-	4	-	40	-	44	-
TOTAL	83	100.0	1,936	100.0	467	100.0	2,486	100.0

TABLE 3.6.15

DRIVERS OF MOTORCYCLES IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	41.6	-	41.5	-	40.6	-	41.3	-
14 YEARS AND UNDER	0	0.0	6	0.3	0	0.0	6	0.3
15 - 20 YEARS	5	6.0	135	7.0	34	7.9	174	7.1
21 - 25 YEARS	13	15.7	256	13.3	59	13.7	328	13.5
26 - 30 YEARS	9	10.8	193	10.0	44	10.2	246	10.1
31 - 35 YEARS	5	6.0	147	7.6	29	6.7	181	7.4
36 - 40 YEARS	5	6.0	160	8.3	34	7.9	199	8.2
41 - 45 YEARS	11	13.3	174	9.0	52	12.1	237	9.7
46 - 50 YEARS	8	9.6	232	12.1	61	14.2	301	12.3
51 - 55 YEARS	11	13.3	250	13.0	50	11.6	311	12.8
56 - 60 YEARS	7	8.4	191	9.9	30	7.0	228	9.4
61 - 65 YEARS	5	6.0	93	4.8	23	5.4	121	5.0
66 YEARS AND OVER	4	4.8	89	4.6	14	3.3	107	4.4
UNKNOWN	0	-	10	-	37	-	47	-
TOTAL	83	100.0	1,936	100.0	467	100.0	2,486	100.0

TABLE 3.6.16

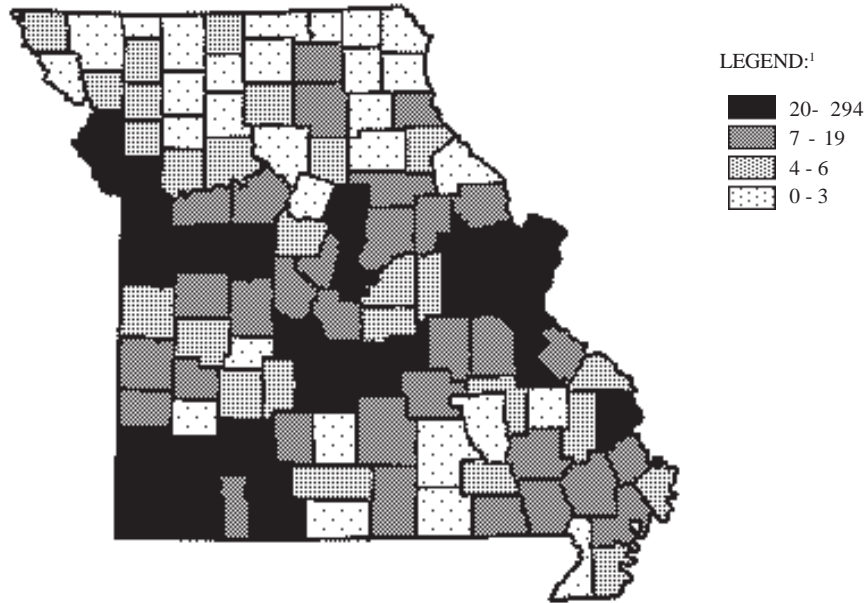
**DRIVERS OF MOTORCYCLES INVOLVED IN 2011 MISSOURI CRASHES
HELMET USAGE BY PERSONAL INJURY SEVERITY**

	KILLED	DISABLING	EVIDENT	PROBABLE	NONE	UNKNOWN	TOTAL
HELMET USED <i>ROW %</i>	66 3.3	476 23.6	906 44.9	182 9.0	386 19.2	8 -	2,024 100.0
HELMET NOT USED <i>ROW %</i>	8 4.3	55 29.3	86 45.7	17 9.0	22 11.7	1 -	189 100.0
HELMET USE UNKNOWN <i>ROW %</i>	2 0.9	37 15.8	94 40.2	21 9.0	80 34.2	39 -	273 100.0
TOTAL <i>ROW %</i>	76 3.1	568 23.3	1,086 44.5	220 9.0	488 20.0	48 -	2,486 100.0

TABLE 3.6.17

2011 MOTORCYCLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	294	11.9	24.5	BARRY	23	0.9
2.0	ST LOUIS	264	10.7	24.5	MC DONALD	23	0.9
3.0	GREENE	168	6.8	24.5	PHELPS	23	0.9
4.0	ST CHARLES	144	5.8	24.5	WARREN	23	0.9
5.0	ST LOUIS CITY	138	5.6	28.0	LACLEDE	21	0.9
6.0	CLAY	93	3.8	28.0	LAWRENCE	21	0.9
7.0	JEFFERSON	90	3.6	28.0	ST FRANCOIS	21	0.9
8.0	JASPER	88	3.6	First Quartile			
9.0	BUCHANAN	59	2.4	-----			
10.5	BOONE	49	2.0	Second Quartile			
10.5	NEWTON	49	2.0	30.0	STONE	19	0.8
12.0	TANEY	46	1.9	31.0	LINCOLN	18	0.7
13.0	FRANKLIN	41	1.7	32.0	BUTLER	17	0.7
14.0	CASS	37	1.5	33.0	CALLAWAY	16	0.6
15.0	PLATTE	36	1.5	34.5	MILLER	15	0.6
16.5	CAPE GIRARDEAU	34	1.4	34.5	SCOTT	15	0.6
16.5	JOHNSON	34	1.4	36.0	LAFAYETTE	14	0.6
18.5	CHRISTIAN	32	1.3	37.5	STODDARD	12	0.5
18.5	COLE	32	1.3	37.5	WASHINGTON	12	0.5
20.0	PULASKI	28	1.1	40.5	CRAWFORD	11	0.4
21.0	CAMDEN	26	1.1	40.5	HENRY	11	0.4
22.0	PETTIS	24	1.0	40.5	HOWELL	11	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.5	MORGAN	11	0.4	81.0	CARTER	4	0.2
44.0	BENTON	10	0.4	81.0	IRON	4	0.2
44.0	SALINE	10	0.4	81.0	MARIES	4	0.2
44.0	WEBSTER	10	0.4	81.0	MERCER	4	0.2
47.0	MARION	9	0.4	81.0	MISSISSIPPI	4	0.2
47.0	RIPLEY	9	0.4	81.0	OSAGE	4	0.2
47.0	VERNON	9	0.4	81.0	PEMISCOT	4	0.2
51.0	AUDRAIN	8	0.3	81.0	RALLS	4	0.2
51.0	MACON	8	0.3				
51.0	MONTGOMERY	8	0.3				Third Quartile
51.0	TEXAS	8	0.3				
51.0	WAYNE	8	0.3				Fourth Quartile
57.0	ADAIR	7	0.3	90.5	DADE	3	0.1
57.0	BARTON	7	0.3	90.5	DUNKLIN	3	0.1
57.0	CEDAR	7	0.3	90.5	HARRISON	3	0.1
57.0	DENT	7	0.3	90.5	LIVINGSTON	3	0.1
57.0	DENT	7	0.3	90.5	NODAWAY	3	0.1
57.0	MONITEAU	7	0.3	90.5	OREGON	3	0.1
57.0	NEW MADRID	7	0.3	90.5	SHANNON	3	0.1
57.0	STE GENEVIEVE	7	0.3	90.5	WRIGHT	3	0.1
			Second Quartile	99.5	CHARITON	2	0.1
				99.5	GENTRY	2	0.1
			Third Quartile	99.5	HOWARD	2	0.1
63.0	BATES	6	0.2	99.5	KNOX	2	0.1
63.0	DALLAS	6	0.2	99.5	LEWIS	2	0.1
63.0	DE KALB	6	0.2	99.5	MADISON	2	0.1
63.0	GASCONADE	6	0.2	99.5	OZARK	2	0.1
63.0	ST CLAIR	6	0.2	99.5	PIKE	2	0.1
70.5	CARROLL	5	0.2	99.5	PUTNAM	2	0.1
70.5	CLINTON	5	0.2	99.5	SCOTLAND	2	0.1
70.5	COOPER	5	0.2	109.0	CLARK	1	0.0
70.5	DAVIESS	5	0.2	109.0	GRUNDY	1	0.0
70.5	DOUGLAS	5	0.2	109.0	HICKORY	1	0.0
70.5	LINN	5	0.2	109.0	HOLT	1	0.0
70.5	PERRY	5	0.2	109.0	MONROE	1	0.0
70.5	POLK	5	0.2	109.0	REYNOLDS	1	0.0
70.5	RANDOLPH	5	0.2	109.0	SCHUYLER	1	0.0
70.5	RAY	5	0.2	109.0	SULLIVAN	1	0.0
81.0	ANDREW	4	0.2	109.0	WORTH	1	0.0
81.0	ATCHISON	4	0.2	114.5	CALDWELL	0	0.0
81.0	BOLLINGER	4	0.2	114.5	SHELBY	0	0.0

TABLE 3.6.18

2011 MOTORCYCLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	223	15.3
2.0	ST. LOUIS	138	9.5
3.0	SPRINGFIELD	120	8.2
4.0	ST. JOSEPH	53	3.6
5.0	JOPLIN	51	3.5
6.0	INDEPENDENCE	47	3.2
7.0	LEE'S SUMMIT	30	2.1
8.0	ST. CHARLES	27	1.9
9.0	COLUMBIA	24	1.6
11.0	CAPE GIRARDEAU	22	1.5
11.0	O'FALLON	22	1.5
11.0	ST. PETERS	22	1.5
13.0	JEFFERSON CITY	20	1.4
14.5	BLUE SPRINGS	17	1.2
14.5	ROLLA	17	1.2
16.0	SEDALIA	15	1.0
17.5	BRANSON	14	1.0
17.5	LIBERTY	14	1.0
19.5	FLORISSANT	13	0.9
19.5	SUNSET HILLS	13	0.9
21.0	ROLLA	12	0.8
23.0	LEBANON	11	0.8
23.0	WARRENSBURG	11	0.8
23.0	WENTZVILLE	11	0.8
25.5	ARNOLD	10	0.7
25.5	ST. ROBERT	10	0.7
27.5	FARMINGTON	9	0.6
27.5	WEBB CITY	9	0.6
32.0	CARTHAGE	8	0.5
32.0	GLADSTONE	8	0.5
32.0	HARRISONVILLE	8	0.5
32.0	KIRKWOOD	8	0.5
32.0	NIXA	8	0.5
32.0	RAYTOWN	8	0.5
32.0	TOWNE AND COUNTRY	8	0.5
38.5	BERKELEY	7	0.5
38.5	CLAYTON	7	0.5
38.5	FENTON	7	0.5
38.5	FESTUS	7	0.5
38.5	HAZELWOOD	7	0.5
38.5	OZARK	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**

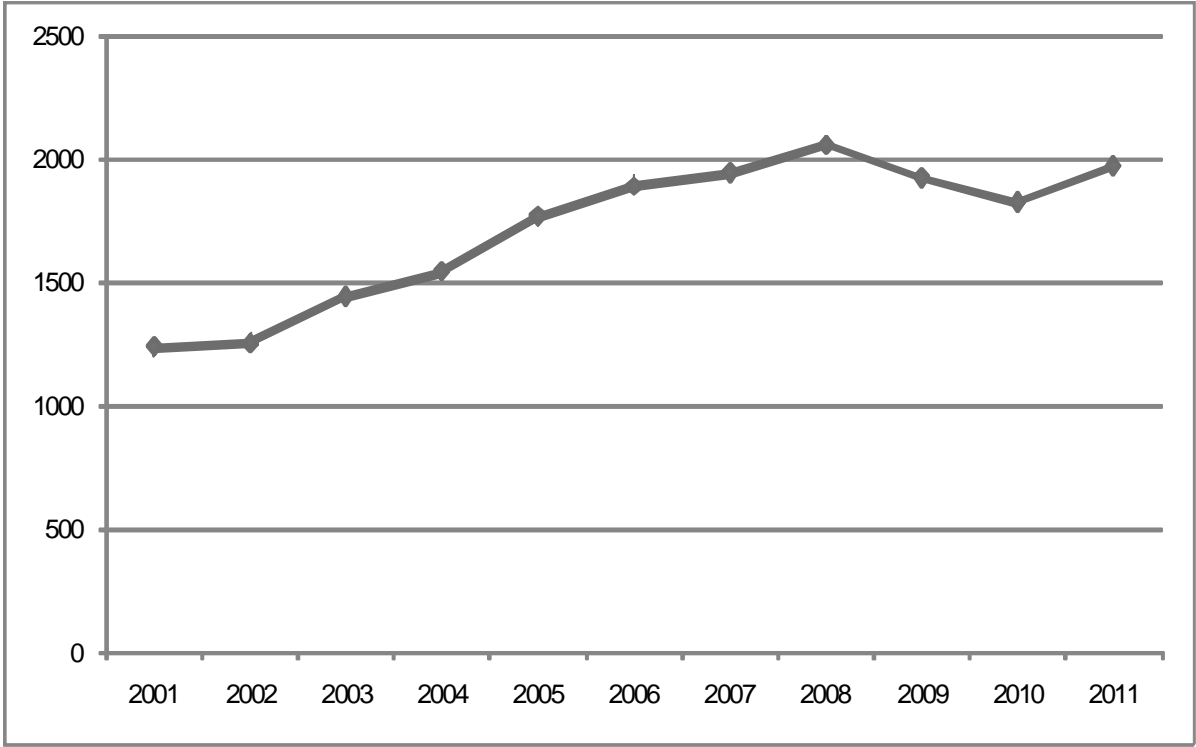


FIGURE 3.6.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 0.7% involved a school bus. Of all fatal traffic crashes, 0.1% involved a school bus. One person was killed and 320 were injured in school bus crashes.
- There was a decrease of 5.6% in the rate of change when comparing 2011 school bus traffic crashes with those in 2010.
- In 2011, one person was killed or injured in a school bus crash every 1.1 days in the State of Missouri.
- In 84.7% of the school bus traffic crashes, one or more school buses were directly involved in the incident. In 15.4% of the cases, a school bus signal was associated with the crash.
- Of all 2011 school bus crashes, the first harmful event in 73.4% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 15.4% of the cases one motor vehicle in transport struck a parked vehicle.
- Of all 2011 school bus traffic crashes, 70.6% occurred in urban areas of the State and 29.4% occurred in rural areas.
- Of all 2011 school bus traffic crashes, 60.5% occurred on a city street, 12.5% occurred on a county road, and 9.0% occurred on a state numbered road.
- Of all school bus drivers in traffic crashes, 40.5% were male and 59.5% were female. The average age of school bus drivers was 49.6 years.

2011 MISSOURI TRAFFIC CRASHES

SCHOOL BUS INVOLVEMENT

	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL	%	TOTAL NUMBER ¹		SCHOOL BUS DRIVERS/PASSENGERS ²	
		%		%		%			KILLED	INJURED	KILLED	INJURED
SCHOOL BUS INVOLVED	1	0.1	155	0.5	762	0.8	918	0.7	1	320	0	154
NO SCHOOL BUS INVOLVED	706	99.9	33,503	99.5	96,098	99.2	130,307	99.3	776	48,266	-	-
UNKNOWN ³	9	-	1,783	-	9,949	-	11,741	-	9	2,474	-	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	0	154

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 2011 MISSOURI SCHOOL BUS CRASHES

STATUS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
NONE INVOLVED ¹	0	0.0	40	25.8	101	13.2	141	15.4
1 INVOLVED	1	100.0	114	73.6	655	86.0	770	83.9
2 INVOLVED	0	0.0	1	0.7	6	0.8	7	0.8
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

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

TABLE 3.7.2

2010 and 2011 SCHOOL BUS INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	4	1	-75.0
PERSONAL INJURY	181	155	-14.4
PROPERTY DAMAGE	787	762	-3.2
TOTAL	972	918	-5.6

TABLE 3.7.3

2011 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	2	1.3	0	0.0	2	0.2
FIXED OBJECT	0	0.0	9	5.8	63	8.3	72	7.8
OTHER OBJECT	0	0.0	0	0.0	10	1.3	10	1.1
PEDESTRIAN	1	100.0	6	3.9	3	0.4	10	1.1
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	0	0.0	131	84.5	543	71.3	674	73.4
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	0	0.0	0	0.0
PARKED VEHICLE	0	0.0	3	1.9	138	18.1	141	15.4
NONCOLLISION OVERTURN	0	0.0	2	1.3	0	0.0	2	0.2
NONCOLLISION OTHER	0	0.0	2	1.3	1	0.1	3	0.3
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

TABLE 3.7.4

2011 SCHOOL BUS INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	0	0.0	100	64.5	548	71.9	648	70.6
RURAL	1	100.0	55	35.5	214	28.1	270	29.4
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

TABLE 3.7.5

2011 SCHOOL BUS INVOLVED CRASHES
ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	1	100.0	128	82.6	647	86.6	776	85.9
CURVE	0	0.0	27	17.4	100	13.4	127	14.1
UNKNOWN	0	-	0	-	15	-	15	-
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

TABLE 3.7.6

2011 SCHOOL BUS INVOLVED CRASHES
ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	1	100.0	92	60.1	543	73.7	636	71.4
HILL	0	0.0	54	35.3	171	23.2	225	25.2
CREST	0	0.0	7	4.6	23	3.1	30	3.4
UNKNOWN	0	-	2	-	25	-	27	-
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

TABLE 3.7.7

2011 SCHOOL BUS INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	1	100.0	109	70.8	532	70.3	642	70.4
WET	0	0.0	34	22.1	148	19.6	182	20.0
SNOW	0	0.0	6	3.9	49	6.5	55	6.0
ICE	0	0.0	3	2.0	23	3.0	26	2.9
SLUSH	0	0.0	1	0.7	4	0.5	5	0.6
MUD	0	0.0	1	0.7	0	0.0	1	0.1
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	-	1	-	5	-	6	-
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

TABLE 3.7.8

2011 SCHOOL BUS INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	6	3.9	31	4.1	37	4.0
U.S. HIGHWAY	0	0.0	10	6.5	29	3.8	39	4.3
STATE NUMBERED	0	0.0	21	13.6	62	8.1	83	9.0
SINGLE STATE LETTERED	0	0.0	12	7.7	22	2.9	34	3.7
DOUBLE STATE LETTERED	0	0.0	3	1.9	13	1.7	16	1.7
OUTER ROAD	0	0.0	1	0.7	6	0.8	7	0.8
COUNTY ROAD	1	100.0	18	11.6	96	12.6	115	12.5
CITY STREET	0	0.0	82	52.9	473	62.1	555	60.5
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	2	1.3	30	3.9	32	3.5
TOTAL	1	100.0	155	100.0	762	100.0	918	100.0

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

TABLE 3.7.9

2011 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 %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %				
INTERSTATE	0	0.0	4	4.0	20	3.7	24	3.7	0	0.0	2	3.6	11	5.1	13	4.8
U.S. HIGHWAY	0	0.0	4	4.0	18	3.3	22	3.4	0	0.0	6	10.9	11	5.1	17	6.3
STATE NUMBERED	0	0.0	8	8.0	33	6.0	41	6.3	0	0.0	13	23.6	29	13.6	42	15.6
SINGLE STATE LETTERED	0	0.0	3	3.0	6	1.1	9	1.4	0	0.0	9	16.4	16	7.5	25	9.3
DOUBLE STATE LETTERED	0	0.0	1	1.0	0	0.0	1	0.2	0	0.0	2	3.6	13	6.1	15	5.6
OUTER ROAD	0	0.0	1	1.0	4	0.7	5	0.8	0	0.0	0	0.0	2	0.7	2	0.7
COUNTY ROAD	0	0.0	1	1.0	12	2.2	13	2.0	1	100.0	17	30.9	84	39.3	102	37.8
CITY STREET	0	0.0	77	77.0	436	79.6	513	79.2	0	0.0	5	9.1	37	17.3	42	15.6
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	1	1.0	19	3.5	20	3.1	0	0.0	1	1.8	11	5.1	12	4.4
TOTAL	0	0.0	100	100.0	548	100.0	648	100.0	1	100.0	55	100.0	214	100.0	270	100.0

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

TABLE 3.7.10

2011 MISSOURI SCHOOL BUS INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	85	9.3
FEBRUARY	109	11.9
MARCH	78	8.5
APRIL	78	8.5
MAY	81	8.8
JUNE	29	3.2
JULY	6	0.7
AUGUST	74	8.1
SEPTEMBER	104	11.3
OCTOBER	95	10.4
NOVEMBER	88	9.6
DECEMBER	91	9.9
TOTAL	918	100.0

TABLE 3.7.11

2011 MISSOURI SCHOOL BUS INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	10	1.1
MONDAY	159	17.3
TUESDAY	219	23.9
WEDNESDAY	191	20.8
THURSDAY	155	16.9
FRIDAY	153	16.7
SATURDAY	31	3.4
TOTAL	918	100.0

TABLE 3.7.12

2011 MISSOURI SCHOOL BUS INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	3	0.3
01:00A - 01:59A	4	0.4
02:00A - 02:59A	0	0.0
03:00A - 03:59A	1	0.1
04:00A - 04:59A	1	0.1
05:00A - 05:59A	5	0.6
06:00A - 06:59A	74	8.1
07:00A - 07:59A	147	16.1
08:00A - 08:59A	96	10.5
09:00A - 09:59A	31	3.4
10:00A - 10:59A	11	1.2
11:00A - 11:59A	20	2.2
NOON - 12:59P	31	3.4
01:00P - 01:59P	29	3.2
02:00P - 02:59P	86	9.4
03:00P - 03:59P	180	19.7
04:00P - 04:59P	132	14.4
05:00P - 05:59P	36	3.9
06:00P - 06:59P	11	1.2
07:00P - 07:59P	7	0.8
08:00P - 08:59P	2	0.2
09:00P - 09:59P	3	0.3
10:00P - 10:59P	3	0.3
11:00P - MIDNIGHT	3	0.3
UNKNOWN	2	-
TOTAL	918	100.0

TABLE 3.7.13

2011 MISSOURI SCHOOL BUS CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL SCHOOL BUS CRASHES = 1				TOTAL SCHOOL BUS CRASHES = 918		
	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	1.3	1.7	3.1
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	0.2	0.3	0.5
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	0.0	0.0	2.8	9.6	12.0
IMPROPER PASSING	0.0	0.0	0.0	1.3	2.0	3.1
VIOLATION OF STOP SIGN	0.0	0.0	0.0	1.0	2.8	3.8
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.5	1.0	1.4
FOLLOWING TOO CLOSE	0.0	0.0	0.0	2.1	11.2	13.2
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPER BACKING	0.0	0.0	0.0	3.4	2.1	5.4
IMPROPER TURN	0.0	0.0	0.0	4.8	1.5	6.3
IMPROPER LANE USAGE / CHANGE	0.0	0.0	0.0	3.5	5.9	9.2
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.3	0.3
IMPROPERLY PARKED	0.0	0.0	0.0	0.5	0.7	1.1
FAILED TO YIELD	0.0	0.0	0.0	4.2	9.2	13.2
DRINKING	0.0	0.0	0.0	0.0	0.4	0.4
DRUGS	0.0	0.0	0.0	0.0	0.2	0.2
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.3	0.7	1.0
INATTENTION	100.0	0.0	100.0	15.7	19.0	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 2011 Missouri school bus crashes, it was found that a school bus driver was speeding in 2.8% of the crashes. In 9.6% of the crashes another driver was speeding. In 12.0% of the crashes either a school bus driver, another driver, or both drivers were speeding.

TABLE 3.7.14

SCHOOL BUSES IN 2011 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	3	2.6	21	3.1	24	3.1
KNOWN DRIVER INVOLVED	1	100.0	112	96.5	627	93.7	740	94.1
UNKNOWN DRIVER INVOLVED	0	0.0	1	0.9	21	3.1	22	2.8
TOTAL	1	100.0	116	100.0	669	100.0	786	100.0

TABLE 3.7.15

DRIVERS OF SCHOOL BUSES IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	1	100.0	55	49.1	244	38.9	300	40.5
FEMALE	0	0.0	57	50.9	383	61.1	440	59.5
UNKNOWN	0	-	1	-	21	-	22	-
TOTAL	1	100.0	113	100.0	648	100.0	762	100.0

TABLE 3.7.16

DRIVERS OF SCHOOL BUSES IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	77.0	-	48.5	-	49.8	-	49.6	-
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	0	0.0	2	1.8	20	3.2	22	3.0
26 - 30 YEARS	0	0.0	8	7.1	25	4.0	33	4.5
31 - 35 YEARS	0	0.0	12	10.7	58	9.3	70	9.5
36 - 40 YEARS	0	0.0	8	7.1	51	8.2	59	8.0
41 - 45 YEARS	0	0.0	15	13.4	65	10.4	80	10.9
46 - 50 YEARS	0	0.0	15	13.4	88	14.1	103	14.0
51 - 55 YEARS	0	0.0	14	12.5	96	15.4	110	15.0
56 - 60 YEARS	0	0.0	16	14.3	77	12.4	93	12.6
61 - 65 YEARS	0	0.0	14	12.5	78	12.5	92	12.5
66 YEARS AND OVER	1	100.0	8	7.1	62	10.0	71	9.7
UNKNOWN	0	-	1	-	25	-	26	-
TOTAL	1	100.0	113	100.0	648	100.0	762	100.0

TABLE 3.7.17

DRIVERS OF SCHOOL BUSES IN 2011 MISSOURI CRASHES

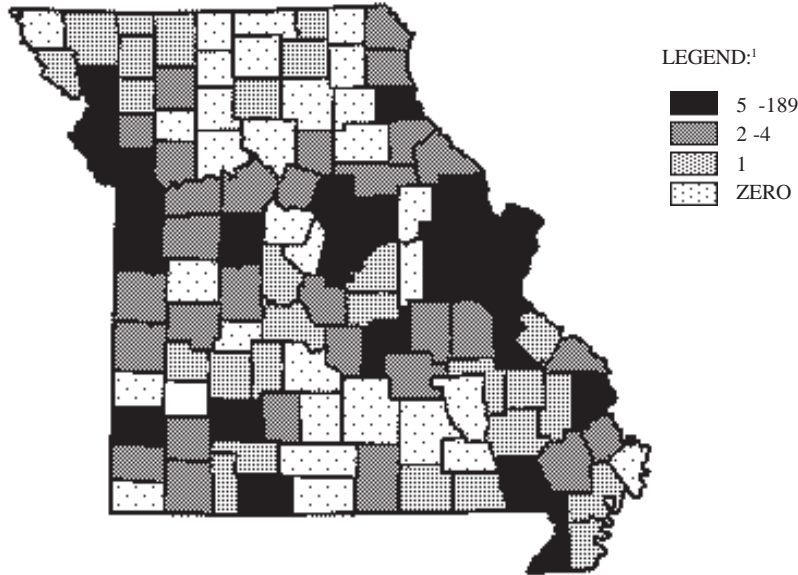
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	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	12	10.9	95	15.4	107	14.7
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	100.0	95	86.4	490	79.3	586	80.4
SUBTOTAL	1	100.0	107	97.3	585	94.7	693	95.1
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	10	1.6	10	1.4
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	2	1.8	22	3.6	24	3.3
SUBTOTAL	0	0.0	2	1.8	32	5.2	34	4.7
UNLICENSED	0	0.0	1	0.9	1	0.2	2	0.3
UNKNOWN	0	-	3	-	30	-	33	-
TOTAL	1	100.0	113	100.0	648	100.0	762	100.0

TABLE 3.7.18

2011 SCHOOL BUS 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	189	20.6	24.0	ST FRANCOIS	5	0.5
2.0	ST LOUIS	172	18.7	24.0	TANEY	5	0.5
3.0	JACKSON	134	14.6	24.0	WARREN	5	0.5
4.0	ST CHARLES	52	5.7	-----			
5.0	GREENE	49	5.3	First Quartile			
6.0	JEFFERSON	34	3.7	-----			
7.5	JASPER	17	1.9	Second Quartile			
7.5	PLATTE	17	1.9	29.5	HOWELL	4	0.4
9.0	CLAY	15	1.6	29.5	JOHNSON	4	0.4
10.5	COLE	12	1.3	29.5	PULASKI	4	0.4
10.5	FRANKLIN	12	1.3	29.5	SALINE	4	0.4
12.0	CASS	11	1.2	29.5	WASHINGTON	4	0.4
14.0	BOONE	10	1.1	29.5	WEBSTER	4	0.4
14.0	BUCHANAN	10	1.1	37.0	AUDRAIN	3	0.3
14.0	BUTLER	10	1.1	37.0	BARRY	3	0.3
16.0	CALLAWAY	9	1.0	37.0	BATES	3	0.3
17.5	PETTIS	7	0.8	37.0	CRAWFORD	3	0.3
17.5	PHELPS	7	0.8	37.0	HOWARD	3	0.3
20.0	ANDREW	6	0.7	37.0	LAFAYETTE	3	0.3
20.0	LINCOLN	6	0.7	37.0	LAWRENCE	3	0.3
20.0	MARION	6	0.7	37.0	MILLER	3	0.3
24.0	CAPE GIRARDEAU	5	0.5	37.0	RALLS	3	0.3
24.0	DUNKLIN	5	0.5	49.0	BENTON	2	0.2
				49.0	CLARK	2	0.2

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
49.0	CLINTON	2	0.2	70.0	STONE	1	0.1
49.0	DAVISS	2	0.2	70.0	WAYNE	1	0.1
49.0	DENT	2	0.2	70.0	WORTH	1	0.1
49.0	LEWIS	2	0.2				Third Quartile
49.0	NEWTON	2	0.2				
49.0	PERRY	2	0.2				Fourth Quartile
49.0	PIKE	2	0.2	99.5	ATCHISON	0	.
49.0	RANDOLPH	2	0.2	99.5	BARTON	0	.
49.0	RAY	2	0.2	99.5	CALDWELL	0	.
49.0	ST CLAIR	2	0.2	99.5	CARROLL	0	.
49.0	SCOTT	2	0.2	99.5	CARTER	0	.
49.0	STODDARD	2	0.2	99.5	CHARITON	0	.
49.0	VERNON	2	0.2	99.5	COOPER	0	.
			Second Quartile	99.5	DADE	0	.
			Third Quartile	99.5	DOUGLAS	0	.
70.0	ADAIR	1	0.1	99.5	GASCONADE	0	.
70.0	BOLLINGER	1	0.1	99.5	GRUNDY	0	.
70.0	CAMDEN	1	0.1	99.5	HENRY	0	.
70.0	CEDAR	1	0.1	99.5	HICKORY	0	.
70.0	CHRISTIAN	1	0.1	99.5	KNOX	0	.
70.0	DALLAS	1	0.1	99.5	LACLEDE	0	.
70.0	DE KALB	1	0.1	99.5	LIVINGSTON	0	.
70.0	GENTRY	1	0.1	99.5	MC DONALD	0	.
70.0	HARRISON	1	0.1	99.5	MACON	0	.
70.0	HOLT	1	0.1	99.5	MERCER	0	.
70.0	IRON	1	0.1	99.5	MISSISSIPPI	0	.
70.0	LINN	1	0.1	99.5	MONITEAU	0	.
70.0	MADISON	1	0.1	99.5	MONROE	0	.
70.0	MARIES	1	0.1	99.5	MONTGOMERY	0	.
70.0	MORGAN	1	0.1	99.5	OZARK	0	.
70.0	NEW MADRID	1	0.1	99.5	PUTNAM	0	.
70.0	NODAWAY	1	0.1	99.5	REYNOLDS	0	.
70.0	OREGON	1	0.1	99.5	SCOTLAND	0	.
70.0	OSAGE	1	0.1	99.5	SHANNON	0	.
70.0	PEMISCOT	1	0.1	99.5	SHELBY	0	.
70.0	POLK	1	0.1	99.5	SULLIVAN	0	.
70.0	RIPLEY	1	0.1	99.5	TEXAS	0	.
70.0	STE GENEVIEVE	1	0.1	99.5	WRIGHT	0	.
70.0	SCHUYLER	1	0.1				

TABLE 3.7.19

2011 SCHOOL BUS INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	ST. LOUIS	189	27.0
2.0	KANSAS CITY	97	13.8
3.0	SPRINGFIELD	37	5.3
4.0	INDEPENDENCE	17	2.4
5.0	LEE'S SUMMIT	15	2.1
6.0	O'FALLON	14	2.0
7.0	FLORISSANT	12	1.7
8.5	CHESTERFIELD	11	1.6
8.5	ST.PETERS	11	1.6
10.0	ST.JOSEPH	10	1.4
11.5	JEFFERSON CITY	9	1.3
11.5	ST. CHARLES	9	1.3
14.0	COLUMBIA	8	1.1
14.0	WENTZVILLE	8	1.1
14.0	WILDWOOD	8	1.1
16.0	POPLAR BLUFF	7	1.0
17.5	HANNIBAL	6	0.9
17.5	HAZELWOOD	6	0.9
21.5	ARNOLD	5	0.7
21.5	BLUE SPRINGS	5	0.7
21.5	JOPLIN	5	0.7
21.5	MARYLAND HEIGHTS	5	0.7
21.5	ROLLA	5	0.7
21.5	WASHINGTON	5	0.7
27.5	CARL JUNCTION	4	0.6
27.5	FERGUSON	4	0.6
27.5	MANCHESTER	4	0.6
27.5	MARSHALL	4	0.6
27.5	SHREWSBURY	4	0.6
27.5	WARRENTON	4	0.6

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**

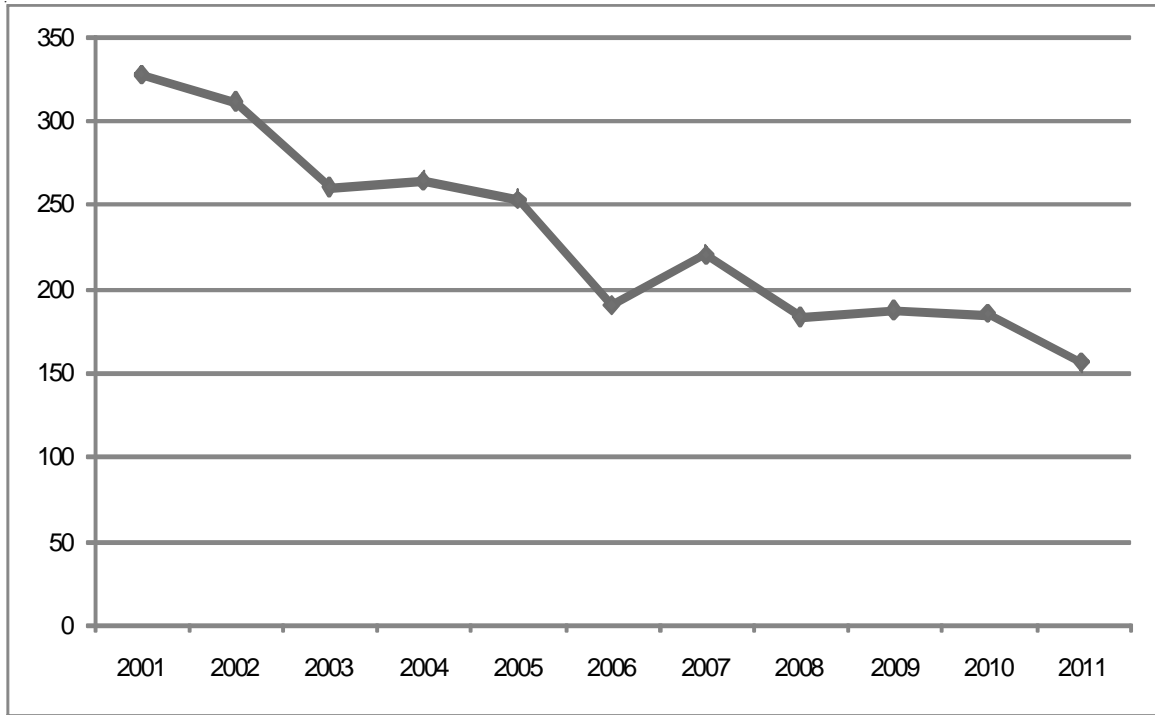


FIGURE 3.7.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 0.5% involved a bicycle. Of all fatal traffic crashes, 0.1% involved a bicycle. One person was killed and 581 were injured in these traffic crashes.
- There was an decrease of 0.7% in the rate of change when comparing total 2011 bicycle-related traffic crashes with those in 2010.
- In 2011, one person was killed or injured in a bicycle traffic crash every 15.1 hours in the State of Missouri.
- Of all 2011 bicycle traffic crashes, 82.7% occurred in an urban area and 17.3% occurred in a rural area of the State.
- Of all 2011 bicycle traffic crashes, 76.7% occurred on a city street.
- Of all 2011 bicycle traffic crashes, 79.5% occurred from April through October.
- Of all bicycle drivers in traffic crashes, 80.6% were male and 19.4% were female. The average age of bicycle drivers was 28.6 years.
- Of all other types of vehicles in bicycle crashes, 59.5% were automobiles, 16.1 were sport utility vehicles and 14.2% were pickup trucks.

2011 MISSOURI TRAFFIC CRASHES

BICYCLE INVOLVEMENT

	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL	%	TOTAL NUMBER ¹		BICYCLE DRIVERS/PASSENGERS ²	
		%		%		%			KILLED	INJURED	KILLED	INJURED
BICYCLE INVOLVED	1	0.1	561	1.6	104	0.1	666	0.5	1	581	1	565
NO BICYCLE INVOLVED	712	99.9	34,738	98.4	103,209	99.9	138,659	99.5	782	50,281	-	-
UNKNOWN ³	3	-	142	-	3,496	-	3,641	-	3	198	-	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	1	565

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

2010 and 2011 BICYCLE INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	7	1	-85.7
PERSONAL INJURY	551	561	+1.8
PROPERTY DAMAGE	113	104	-8.0
TOTAL	671	666	-0.7

TABLE 3.8.2

2011 BICYCLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

			PERSONAL INJURY		PROPERTY DAMAGE		TOTAL	
				%		%		%
URBAN	1	100.0	457	81.5	93	89.4	551	82.7
RURAL	0	0.0	104	18.5	11	10.6	115	17.3
TOTAL	1	100.0	561	100.0	104	100.0	666	100.0

TABLE 3.8.3

2011 BICYCLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

			PERSONAL INJURY		PROPERTY DAMAGE		TOTAL	
				%		%		%
STRAIGHT	1	100.0	522	94.6	97	96.0	620	94.8
CURVE	0	0.0	30	5.4	4	4.0	34	5.2
UNKNOWN	0	-	9	-	3	-	12	-
TOTAL	1	100.0	561	100.0	104	100.0	666	100.0

TABLE 3.8.4

2011 BICYCLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	1	100.0	388	71.0	87	87.9	476	73.7
HILL	0	0.0	150	27.5	12	12.1	162	25.1
CREST	0	0.0	8	1.5	0	0.0	8	1.2
UNKNOWN	0	-	15	-	5	-	20	-
TOTAL	1	100.0	561	100.0	104	100.0	666	100.0

TABLE 3.8.5

2011 BICYCLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	1	100.0	515	92.3	99	95.2	615	92.8
WET	0	0.0	42	7.5	5	4.8	47	7.1
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	1	0.2	0	0.0	1	0.1
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	3	-	0	-	3	-
TOTAL	1	100.0	561	100.0	104	100.0	666	100.0

TABLE 3.8.6

2011 BICYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	0	0.0	0	0.0	0	0.0
U.S. HIGHWAY	0	0.0	19	3.4	1	1.0	20	3.0
STATE NUMBERED	1	100.0	43	7.6	5	4.8	49	7.4
SINGLE STATE LETTERED	0	0.0	13	2.3	0	0.0	13	2.0
DOUBLE STATE LETTERED	0	0.0	9	1.6	0	0.0	9	1.4
OUTER ROAD	0	0.0	2	0.4	0	0.0	2	0.3
COUNTY ROAD	0	0.0	36	6.4	7	6.7	43	6.4
CITY STREET	0	0.0	423	75.4	88	84.6	511	76.7
INTERSTATE LOOP	0	0.0	1	0.2	0	0.0	1	0.1
OTHER ¹	0	0.0	15	2.7	3	2.9	18	2.7
TOTAL	1	100.0	561	100.0	104	100.0	666	100.0

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

TABLE 3.8.7

2011 MISSOURI BICYCLE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	7	1.0
FEBRUARY	18	2.7
MARCH	43	6.5
APRIL	52	7.8
MAY	74	11.1
JUNE	78	11.7
JULY	86	12.9
AUGUST	83	12.4
SEPTEMBER	79	11.9
OCTOBER	78	11.7
NOVEMBER	45	6.8
DECEMBER	23	3.5
TOTAL	666	100.0

TABLE 3.8.8

2011 MISSOURI BICYCLE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	56	8.4
MONDAY	84	12.6
TUESDAY	118	17.7
WEDNESDAY	105	15.8
THURSDAY	110	16.5
FRIDAY	100	15.0
SATURDAY	93	14.0
UNKNOWN	0	--
TOTAL	666	100.0

TABLE 3.8.9

2011 MISSOURI BICYCLE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	6	0.9
01:00A - 01:59A	2	0.3
02:00A - 02:59A	3	0.5
03:00A - 03:59A	2	0.1
04:00A - 04:59A	0	0.0
05:00A - 05:59A	1	0.2
06:00A - 06:59A	15	2.3
07:00A - 07:59A	32	4.8
08:00A - 08:59A	33	5.0
09:00A - 09:59A	21	3.2
10:00A - 10:59A	27	4.1
11:00A - 11:59A	33	5.0
NOON - 12:59P	48	7.2
01:00P - 01:59P	39	5.9
02:00P - 02:59P	35	5.3
03:00P - 03:59P	66	9.9
04:00P - 04:59P	75	11.3
05:00P - 05:59P	64	9.6
06:00P - 06:59P	54	8.1
07:00P - 07:59P	43	6.5
08:00P - 08:59P	29	4.3
09:00P - 09:59P	20	3.0
10:00P - 10:59P	12	1.8
11:00P - MIDNIGHT	6	0.9
UNKNOWN	0	--
TOTAL	666	100.0

TABLE 3.8.10

2011 MISSOURI BICYCLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

	FATAL BICYCLE CRASHES = 1			TOTAL BICYCLE CRASHES = 666		
	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	4.2	0.5	4.7
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	0.2	0.0	0.2
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	0.0	0.0	1.7	2.7	4.4
IMPROPER PASSING	0.0	0.0	0.0	0.5	1.5	2.0
VIOLATION OF STOP SIGN	0.0	0.0	0.0	10.7	2.6	12.8
WRONG SIDE NOT PASSING	0.0	0.0	0.0	3.2	0.3	3.5
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.2	0.6	0.8
IMPROPER SIGNAL	0.0	0.0	0.0	0.8	0.5	1.2
IMPROPER BACKING	0.0	0.0	0.0	0.2	0.3	0.5
IMPROPER TURN	0.0	0.0	0.0	0.9	2.1	3.0
IMPROPER LANE USAGE / CHANGE	0.0	100.0	100.0	6.8	3.0	9.6
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	1.1	0.0	1.1
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	0.0	0.0	0.0	20.9	20.1	39.6
DRINKING	0.0	0.0	0.0	1.5	0.6	2.1
DRUGS	0.0	0.0	0.0	0.0	0.0	0.0
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.3	0.2	0.5
INATTENTION	0.0	100.0	100.0	18.8	18.6	32.7

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 2011 Missouri bicycle crashes, it was found that a bicyclist failed to yield in 20.9% of the crashes. In 20.1% of the crashes another driver failed to yield. In 39.6% of the crashes either a bicyclist, another driver, or both drivers failed to yield.

TABLE 3.8.11

BICYCLES IN 2011 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
KNOWN DRIVER INVOLVED	1	100.0	567	99.8	94	90.4	662	98.4
UNKNOWN DRIVER INVOLVED	0	0.0	1	0.2	10	9.6	11	1.6
TOTAL	1	100.0	568	100.0	104	100.0	673	100.0

TABLE 3.8.12

BICYCLE DRIVERS IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	1	100.0	453	80.0	78	83.9	532	80.6
FEMALE	0	0.0	113	20.0	15	16.1	128	19.4
UNKNOWN	0	-	2	-	11	-	13	-
TOTAL	1	100.0	568	100.0	104	100.0	673	100.0

TABLE 3.8.13

BICYCLE DRIVERS IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	58.0	-	28.7	-	27.4	-	28.6	-
5 YEARS AND UNDER	0	0.0	2	0.4	0	0.0	2	0.3
6 - 10 YEARS	0	0.0	42	7.6	4	5.1	46	7.3
11 - 15 YEARS	0	0.0	103	18.6	13	16.4	116	18.2
16 - 20 YEARS	0	0.0	83	15.0	16	20.3	99	15.6
21 - 25 YEARS	0	0.0	75	13.6	12	15.2	87	13.7
26 - 30 YEARS	0	0.0	47	8.5	9	11.4	56	8.9
31 - 35 YEARS	0	0.0	19	3.4	6	7.6	25	4.0
36 - 40 YEARS	0	0.0	37	6.7	2	2.5	39	6.2
41 - 45 YEARS	0	0.0	30	5.4	7	8.8	37	5.9
46 - 50 YEARS	0	0.0	37	6.7	4	5.0	41	6.5
51 - 55 YEARS	0	0.0	32	5.8	1	1.3	33	5.2
56 - 60 YEARS	1	100.0	23	4.1	3	3.8	27	4.3
61 - 65 YEARS	0	0.0	15	2.7	1	1.3	16	2.5
66 YEARS AND OVER	0	0.0	8	1.5	1	1.3	9	1.4
UNKNOWN	0	-	15	-	25	-	40	-
TOTAL	1	100.0	568	100.0	104	100.0	673	100.0

TABLE 3.8.14

2011 BICYCLE INVOLVED CRASHES¹

OTHER TYPES OF VEHICLES INVOLVED BY CRASH SEVERITY

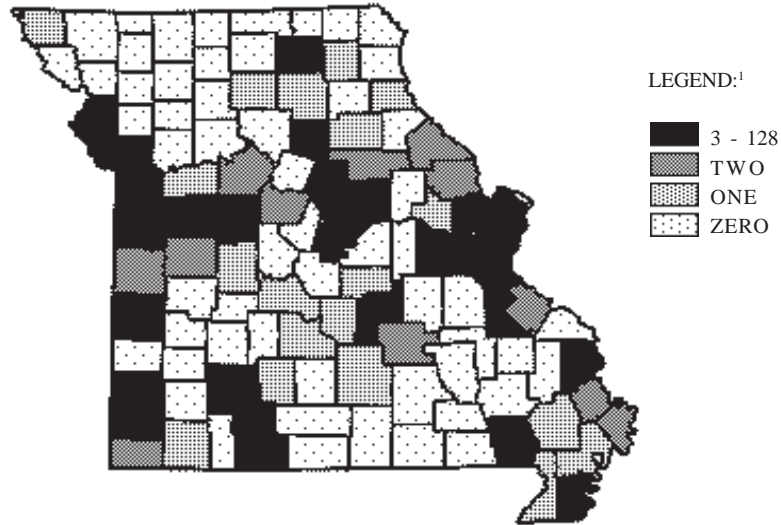
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	0	0.0	318	57.4	75	71.3	393	59.5
SPORT UTILITY VEHICLE	1	100.0	87	15.7	18	17.1	106	16.1
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	42	7.6	5	4.8	47	7.1
BUS	0	0.0	3	0.5	0	0.0	3	0.5
SCHOOL BUS	0	0.0	2	0.4	0	0.0	2	0.3
MOTORCYCLE	0	0.0	4	0.7	1	1.0	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	1	0.2	0	0.0	1	0.2
OTHER TRANSPORT DEVICE	0	0.0	2	0.4	0	0.0	2	0.3
PICKUP TRUCK	0	0.0	89	16.0	5	4.8	94	14.2
OTHER TRUCKS	0	0.0	5	0.9	1	1.0	6	0.9
ALL TERRAIN VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	11	-	0	-	11	-
TOTAL	1	100.0	565	100.0	105	100.0	671	100.0

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

TABLE 3.8.15

2011 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	128	19.2	20.5	JEFFERSON	5	0.8
2.0	ST LOUIS CITY	114	17.1	20.5	PETTIS	5	0.8
3.0	JACKSON	91	13.7	20.5	PHELPS	5	0.8
4.0	GREENE	80	12.0	23.0	CAPE GIRARDEAU	4	0.6
5.0	BOONE	35	5.3	26.0	CALLAWAY	3	0.5
6.0	ST CHARLES	28	4.2	26.0	NEWTON	3	0.5
7.0	JASPER	17	2.6	26.0	RANDOLPH	3	0.5
8.0	CLAY	15	2.3	26.0	TANEY	3	0.5
10.5	BUCHANAN	9	1.4	26.0	VERNON	3	0.5
10.5	CASS	9	1.4				First Quartile
10.5	COLE	9	1.4				
10.5	PLATTE	9	1.4				Second Quartile
13.0	BUTLER	8	1.2	34.5	AUDRAIN	2	0.3
14.5	FRANKLIN	7	1.1	34.5	BATES	2	0.3
14.5	JOHNSON	7	1.1	34.5	COOPER	2	0.3
17.0	CHRISTIAN	6	0.9	34.5	DENT	2	0.3
17.0	PEMISCOT	6	0.9	34.5	HENRY	2	0.3
17.0	ST FRANCOIS	6	0.9	34.5	LINCOLN	2	0.3
20.5	ADAIR	5	0.8	34.5	MC DONALD	2	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
34.5	MISSISSIPPI	2	0.3	87.5	DAVISS	0	0.0
34.5	PIKE	2	0.3	87.5	DE KALB	0	0.0
34.5	STE GENEVIEVE	2	0.3	87.5	DOUGLAS	0	0.0
34.5	SALINE	2	0.3	87.5	GASCONADE	0	0.0
34.5	SCOTT	2	0.3	87.5	GENTRY	0	0.0
Second Quartile				87.5	GRUNDY	0	0.0
Third Quartile				87.5	HARRISON	0	0.0
50.0	ATCHISON	1	0.2	87.5	HICKORY	0	0.0
50.0	BARRY	1	0.2	87.5	HOLT	0	0.0
50.0	BENTON	1	0.2	87.5	HOWARD	0	0.0
50.0	CAMDEN	1	0.2	87.5	HOWELL	0	0.0
50.0	DUNKLIN	1	0.2	87.5	IRON	0	0.0
50.0	KNOX	1	0.2	87.5	LAWRENCE	0	0.0
50.0	LACLEDE	1	0.2	87.5	LEWIS	0	0.0
50.0	LAFAYETTE	1	0.2	87.5	LIVINGSTON	0	0.0
50.0	LINN	1	0.2	87.5	MADISON	0	0.0
50.0	MACON	1	0.2	87.5	MERCER	0	0.0
50.0	MARION	1	0.2	87.5	MILLER	0	0.0
50.0	MARIES	1	0.2	87.5	MONITEAU	0	0.0
50.0	MARION	1	0.2	87.5	MONTGOMERY	0	0.0
50.0	MONROE	1	0.2	87.5	MORGAN	0	0.0
50.0	NEW MADRID	1	0.2	87.5	NODAWAY	0	0.0
50.0	PULASKI	1	0.2	87.5	OREGON	0	0.0
50.0	STODDARD	1	0.2	87.5	OSAGE	0	0.0
50.0	TEXAS	1	0.2	87.5	OZARK	0	0.0
50.0	WARREN	1	0.2	87.5	PERRY	0	0.0
50.0	WEBSTER	1	0.2	87.5	POLK	0	0.0
Third Quartile				87.5	PUTNAM	0	0.0
Fourth Quartile				87.5	RALLS	0	0.0
87.5	ANDREW	0	0.0	87.5	RAY	0	0.0
87.5	BARTON	0	0.0	87.5	REYNOLDS	0	0.0
87.5	BOLLINGER	0	0.0	87.5	RIPLEY	0	0.0
87.5	CALDWELL	0	0.0	87.5	ST CLAIR	0	0.0
87.5	CARROLL	0	0.0	87.5	SCHUYLER	0	0.0
87.5	CARTER	0	0.0	87.5	SCOTLAND	0	0.0
87.5	CEDAR	0	0.0	87.5	SHANNON	0	0.0
87.5	CHARITON	0	0.0	87.5	SHELBY	0	0.0
87.5	CLARK	0	0.0	87.5	STONE	0	0.0
87.5	CLINTON	0	0.0	87.5	SULLIVAN	0	0.0
87.5	CRAWFORD	0	0.0	87.5	WASHINGTON	0	0.0
87.5	DADE	0	0.0	87.5	WAYNE	0	0.0
87.5	DALLAS	0	0.0	87.5	WORTH	0	0.0
				87.5	WRIGHT	0	0.0

TABLE 3.8.16

2011 BICYCLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	114	19.2
2.0	KANSAS CITY	80	13.4
3.0	SPRINGFIELD	68	11.4
4.0	COLUMBIA	33	5.5
5.5	FLORISSANT	14	2.4
5.5	JOPLIN	14	2.4
7.0	INDEPENDENCE	12	2.0
9.0	JEFFERSON CITY	9	1.5
9.0	ST. CHARLES	9	1.5
9.0	ST. JOSEPH	9	1.5
12.0	OVERLAND	8	1.3
12.0	ST. PETERS	8	1.3
12.0	UNIVERSITY CITY	8	1.3
14.0	LEE'S SUMMIT	7	1.2
15.5	CREVE COEUR	6	1.0
15.5	KIRKWOOD	6	1.0
18.5	BLUE SPRINGS	5	0.8
18.5	O' FALLON	5	0.8
18.5	POPLAR BLUFF	5	0.8
18.5	WARRENSBURG	5	0.8
25.5	CLAYTON	4	0.7
25.5	KIRKSVILLE	4	0.7
25.5	MAPLEWOOD	4	0.7
25.5	MARYLAND HEIGHTS	4	0.7
25.5	REPUBLIC	4	0.7
25.5	ROLLA	4	0.7
25.5	ST. ANN	4	0.7
25.5	SEDALIA	4	0.7
25.5	WASHINGTON	4	0.7
25.5	WEBSTER GROVES	4	0.7
34.5	CAPE GIRARDEAU	4	0.7
34.5	HARRISONVILLE	3	0.5
34.5	HAYTI	3	0.5
34.5	MOBERLY	3	0.5
34.5	NEVADA	3	0.5
34.5	OZARK	3	0.5
34.5	RICHMOND HEIGHTS	3	0.5
34.5	TOWN AND COUNTRY	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**

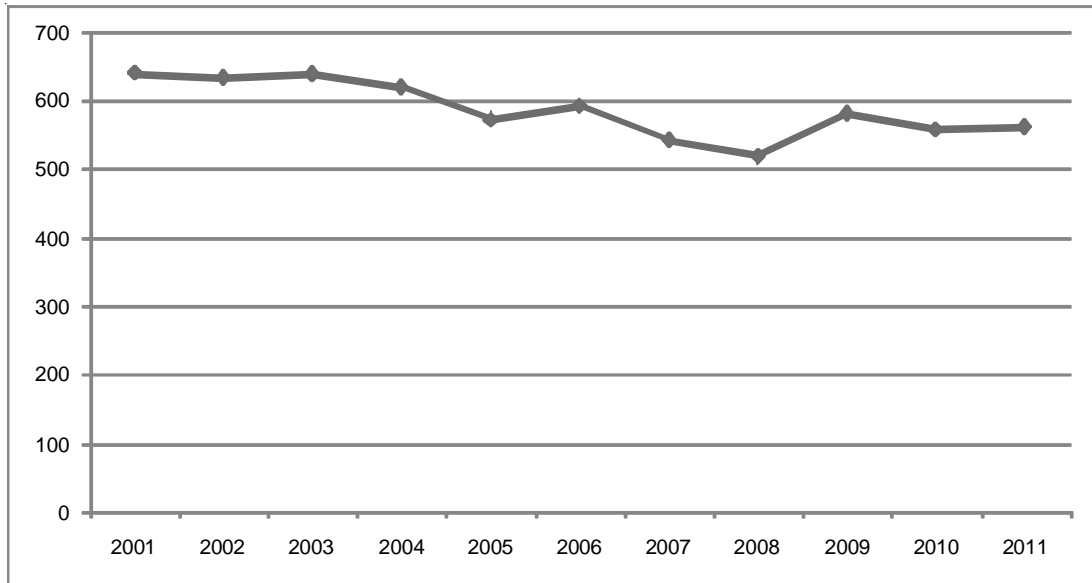


FIGURE 3.8.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 1.0% involved a pedestrian. Of all fatal traffic crashes, 10.2% involved a pedestrian. A total of 75 persons were killed and 1,377 were injured in traffic crashes involving a pedestrian.
- There was an increase of 1.1% in the number of pedestrian related traffic crashes when comparing 2011 with 2010. When comparing fatal pedestrian related crashes over the same time period there was a 23.7% increase between 2010 and 2011.
- In 2011, one person was killed or injured in pedestrian related traffic crashes every 6.0 hours in the State of Missouri.
- Of all 2011 pedestrian traffic crashes, 79.3% occurred in an urban area of the State and 20.7% occurred in a rural area. Of fatal pedestrian crashes, 61.6% occurred in a urban area.
- Of pedestrians in the traffic crashes, 61.1% were male and 38.9% were female. The average age of the pedestrian was 32.9 years. For those pedestrians killed the average age was 41.1 years.
- Of pedestrians 14 years and under in 2011 traffic crashes, 15.8% were crossing the street from behind a parked vehicle and 9.7% were playing in the road. Of pedestrians 15 through 64 years of age, 24.8% were crossing with no signal in the road and 6.4% were crossing the street from behind a parked vehicle. Of pedestrians 65 years and older, 12.8% were crossing the road within a marked crosswalk and also diagonally and 36.1% were crossing with no signal in the road.
- Of the drivers who struck pedestrians in 2011 traffic crashes, 57.2% were male and 42.8% were female. The average age of the driver was 40.6 years. Of the drivers who struck pedestrians, 58.5% were driving an automobile and 15.0% were driving a pickup truck.

2011 MISSOURI TRAFFIC CRASHES

PEDESTRIAN INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	PEDESTRIANS² KILLED	INJURED
PEDESTRIAN INVOLVED	73	10.2	1,206	3.4	124	0.1	1,403	1.0	75	1,377	75	1,276
NO PEDESTRIAN INVOLVED	643	89.8	34,235	96.6	106,470	99.9	141,348	99.9	711	49,683	-	-
TOTAL	716	100.0	35,441	100.0	106,594	100.0	142,751	100.0	786	51,060	75	1,276

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

2010 and 2011 PEDESTRIAN INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	59	73	23.7
PERSONAL INJURY	1,204	1,206	0.2
PROPERTY DAMAGE	125	124	-0.8
TOTAL	1,388	1,403	1.1

TABLE 3.9.2

2011 PEDESTRIAN INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	45	61.6	972	80.6	96	77.4	1,113	79.3
RURAL	28	38.4	234	19.4	28	22.6	290	20.7
TOTAL	73	100.0	1,206	100.0	124	100.0	1,403	100.0

TABLE 3.9.3

2011 PEDESTRIAN INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	69	94.5	1,115	94.1	114	95.0	1,298	94.2
CURVE	4	5.5	70	5.9	6	5.0	80	5.8
UNKNOWN	0	-	21	-	4	-	25	-
TOTAL	73	100.0	1,206	100.0	124	100.0	1,403	100.0

TABLE 3.9.4

2011 PEDESTRIAN INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	42	57.5	874	74.8	94	80.3	1,010	74.4
HILL	31	42.5	271	23.2	21	18.0	323	23.8
CREST	0	0.0	23	2.0	2	1.7	25	1.8
UNKNOWN	0	-	38	-	7	-	45	-
TOTAL	73	100.0	1,206	100.0	124	100.0	1,403	100.0

TABLE 3.9.5

2011 PEDESTRIAN INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	62	84.9	969	81.2	97	80.2	1,128	81.3
WET	10	13.7	180	15.1	21	17.4	211	15.2
SNOW	1	1.4	31	2.6	3	2.5	35	2.5
ICE	0	0.0	10	0.8	0	0.0	10	0.7
SLUSH	0	0.0	2	0.2	0	0.0	2	0.1
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	1	0.1	0	0.0	1	0.1
UNKNOWN	0	-	13	-	3	-	16	-
TOTAL	73	100.0	1,206	100.0	124	100.0	1,403	100.0

TABLE 3.9.6

2011 PEDESTRIAN INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	13	17.8	33	2.7	2	1.6	48	3.4
U.S. HIGHWAY	11	15.1	57	4.7	1	0.8	69	4.9
STATE NUMBERED	6	8.2	86	7.1	13	10.5	105	7.5
SINGLE STATE LETTERED	1	1.4	26	2.2	3	2.4	30	2.1
DOUBLE STATE LETTERED	2	2.7	13	1.1	2	1.6	17	1.2
OUTER ROAD	2	2.7	8	0.7	0	0.0	10	0.7
COUNTY ROAD	7	9.6	82	6.8	12	9.7	101	7.2
CITY STREET	29	39.7	844	70.0	85	68.6	958	68.3
INTERSTATE LOOP	0	0.0	1	0.1	0	0.0	1	0.1
OTHER ¹	2	2.7	56	4.6	6	4.8	64	4.6
TOTAL	73	100.0	1,206	100.0	124	100.0	1,403	100.0

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

TABLE 3.9.7

2011 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	10	22.2	19	2.0	0	0.0	29	2.6	3	10.7	14	6.0	2	7.1	19	6.6
U.S. HIGHWAY	3	6.7	36	3.7	0	0.0	39	3.5	8	28.6	21	9.0	1	3.6	30	10.3
STATE NUMBERED	2	4.4	48	4.9	6	6.3	56	5.0	4	14.3	38	16.2	7	25.0	49	16.9
SINGLE STATE LETTERED	0	0.0	8	0.8	2	2.1	10	0.9	1	3.6	18	7.7	1	3.6	20	6.9
DOUBLE STATE LETTERED	1	2.2	3	0.3	0	0.0	4	0.4	1	3.6	10	4.3	2	7.1	13	4.5
OUTER ROAD	0	0.0	7	0.7	0	0.0	7	0.6	2	7.1	1	0.4	0	0.0	3	1.0
COUNTY ROAD	0	0.0	15	1.5	2	2.1	17	1.5	7	25.0	67	28.6	10	35.7	84	29.0
CITY STREET	29	64.4	789	81.2	81	84.4	899	80.8	0	0.0	55	23.5	4	14.3	59	20.3
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	0	0.0	46	4.7	5	5.2	51	4.6	2	7.1	10	4.3	1	3.6	13	4.5
TOTAL	45	100.0	972	100.0	96	100.0	1,113	100.0	28	100.0	234	100.0	28	100.0	290	100.0

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

TABLE 3.9.8

2011 MISSOURI PEDESTRIAN INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	110	7.8
FEBRUARY	90	6.4
MARCH	101	7.2
APRIL	118	8.4
MAY	119	8.5
JUNE	111	7.9
JULY	96	6.8
AUGUST	96	6.8
SEPTEMBER	116	8.3
OCTOBER	160	11.4
NOVEMBER	138	9.8
DECEMBER	148	10.6
TOTAL	1,403	100.0

TABLE 3.9.9

2011 MISSOURI PEDESTRIAN INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	138	9.8
MONDAY	216	15.4
TUESDAY	199	14.2
WEDNESDAY	228	16.3
THURSDAY	201	14.3
FRIDAY	215	15.3
SATURDAY	206	14.7
TOTAL	1,403	100.0

TABLE 3.9.10

2011 MISSOURI PEDESTRIAN INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	43	3.1
01:00A - 01:59A	37	2.6
02:00A - 02:59A	20	1.4
03:00A - 03:59A	7	0.5
04:00A - 04:59A	11	0.8
05:00A - 05:59A	20	1.4
06:00A - 06:59A	36	2.6
07:00A - 07:59A	58	4.1
08:00A - 08:59A	54	3.9
09:00A - 09:59A	39	2.8
10:00A - 10:59A	34	2.4
11:00A - 11:59A	53	3.8
NOON - 12:59P	61	4.4
01:00P - 01:59P	64	4.6
02:00P - 02:59P	81	5.8
03:00P - 03:59P	118	8.4
04:00P - 04:59P	92	6.6
05:00P - 05:59P	127	9.1
06:00P - 06:59P	100	7.1
07:00P - 07:59P	109	7.8
08:00P - 08:59P	76	5.4
09:00P - 09:59P	66	4.7
10:00P - 10:59P	47	3.4
11:00P - MIDNIGHT	47	3.4
UNKNOWN	3	--
TOTAL	1,403	100.0

TABLE 3.9.11

2011 MISSOURI PEDESTRIAN CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL PEDESTRIAN CRASHES = 71				TOTAL PEDESTRIAN CRASHES = 1,403		
	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL FATAL	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL CRASHES
VEHICLE DEFECTS	0.0	1.4	1.4	0.0	1.8	1.8
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	1.4	1.4	0.0	1.5	1.5
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	9.6	9.6	0.0	7.0	7.0
IMPROPER PASSING	0.0	0.0	0.0	0.0	0.6	0.6
VIOLATION OF STOP SIGN	0.0	2.7	2.7	0.0	2.1	2.1
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.0	0.4	0.4
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.0	0.4	0.4
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	0.0	1.7	1.7
IMPROPER TURN	0.0	0.0	0.0	0.0	1.4	1.4
IMPROPER LANE USAGE / CHANGE	0.0	4.1	4.1	0.0	3.1	3.1
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.2	0.2
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPERLY PARKED	0.0	1.4	1.4	0.0	0.9	0.9
FAILED TO YIELD	31.5	4.1	34.2	21.2	13.8	33.7
DRINKING	12.3	9.6	21.9	7.1	3.4	10.0
DRUGS	2.7	0.0	2.7	1.0	0.8	1.8
PHYSICAL IMPAIRMENT	2.7	0.0	2.7	1.4	0.8	2.1
INATTENTION	30.1	20.5	42.5	25.5	24.8	44.2

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 2011 Missouri fatal pedestrian crashes, it was found that a pedestrian was drinking in 12.3% of the crashes. In 9.6% of the crashes a driver was drinking. In 21.9% of the crashes either a pedestrian, a driver, or both were drinking.

TABLE 3.9.12

PEDESTRIANS IN 2011 MISSOURI CRASHES

SEX OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
MALE	57	76.0	766	60.1	99	62.7	922	61.1
FEMALE	18	24.0	509	39.9	59	37.3	586	38.9
UNKNOWN	0	-	1	-	1	-	2	-
TOTAL	75	100.0	1,276	100.0	159	100.0	1,510	100.0

TABLE 3.9.13

PEDESTRIANS IN 2011 MISSOURI CRASHES

AGE OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
AVERAGE AGE OF PEDESTRIAN	41.1	-	32.3	-	33.7	-	32.9	-
4 YEARS AND UNDER	2	2.7	40	3.2	3	2.1	45	3.1
5 - 9 YEARS	2	2.7	90	7.2	7	5.0	99	6.8
10 - 14 YEARS	2	2.7	116	9.3	12	8.6	130	8.9
15 - 19 YEARS	6	8.0	171	13.7	19	13.6	196	13.4
20 - 24 YEARS	5	6.7	124	9.9	19	13.6	148	10.1
25 - 29 YEARS	12	16.0	123	9.9	10	7.1	145	9.9
30 - 34 YEARS	2	2.7	67	5.4	7	5.0	76	5.2
35 - 39 YEARS	3	4.0	81	6.5	8	5.7	92	6.3
40 - 44 YEARS	6	8.0	76	6.1	13	9.3	95	6.5
45 - 49 YEARS	9	12.0	87	7.0	8	5.7	104	7.1
50 - 54 YEARS	8	10.7	82	6.6	7	5.0	97	6.6
55 - 59 YEARS	2	2.7	59	4.7	11	7.9	72	4.9
60 - 64 YEARS	6	8.0	46	3.7	9	6.4	61	4.2
65 YEARS AND OVER	10	13.3	85	6.8	7	5.0	102	7.0
UNKNOWN	0	-	29	-	19	-	48	-
TOTAL	75	100.0	1,276	100.0	159	100.0	1,510	100.0

TABLE 3.9.14

PEDESTRIANS IN 2011 MISSOURI CRASHES

PEDESTRIAN ACTIONS BY AGE GROUP

	00 - 14 YEARS	%	15 - 64 YEARS	%	65 YEARS AND OVER	%	UN- KNOWN	TOTAL	%
CROSSING - WITH SIGNAL	10	4.1	88	9.1	11	12.8	1	110	8.3
CROSSING - AGAINST SIGNAL	19	7.7	56	5.8	3	3.5	2	80	6.0
CROSSING - NO SIGNAL	80	32.4	239	24.8	31	36.1	11	361	27.1
CROSSING - DIAGONALLY	17	6.9	47	4.9	3	3.5	2	69	5.2
CROSSING - WITHIN CROSSWALK	2	0.8	53	5.5	8	9.3	2	65	4.9
CROSSING - WITHIN MARKED CROSSWALK	4	1.6	38	4.0	3	3.5	1	46	3.5
FROM BEHIND PARKED VEHICLE	39	15.8	62	6.4	5	5.8	0	106	8.0
WALKING WITH TRAFFIC	9	3.6	88	9.1	4	4.7	3	104	7.8
WALKING AGAINST TRAFFIC	10	4.1	48	5.0	5	5.8	1	64	4.8
GETTING ON / OFF VEHICLE	11	4.5	33	3.4	4	4.7	0	48	3.6
STANDING / LYING / SITTING IN ROAD	10	4.1	95	9.9	3	3.5	4	112	8.4
PUSHING / WORKING ON VEHICLE	0	0.0	13	1.4	0	0.0	0	13	1.0
OTHER WORK IN ROAD	0	0.0	22	2.3	2	2.3	1	25	1.9
PLAYING IN ROAD	24	9.7	8	0.8	0	0.0	3	35	2.6
NOT IN ROAD	12	4.9	73	7.6	4	4.7	3	92	6.9
UNKNOWN	27	-	123	-	16	-	14	180	-
TOTAL	274	100.0	1,086	100.0	102	100.0	48	1,510	100.0

TABLE 3.9.15

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	49	76.6	524	56.3	49	52.7	622	57.2
FEMALE	15	23.4	407	43.7	44	47.3	466	42.8
UNKNOWN	7	-	220	-	26	-	253	-
TOTAL	71	100.0	1,151	100.0	119	100.0	1,341	100.0

TABLE 3.9.16

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	39.9	-	40.3	-	44.3	-	40.6	-
14 YEARS AND UNDER	0	0.0	2	0.2	0	0.0	2	0.2
15 - 20 YEARS	7	10.9	120	13.0	9	9.7	136	12.6
21 - 25 YEARS	10	15.6	123	13.3	8	8.6	141	13.1
26 - 30 YEARS	8	12.5	98	10.6	12	12.9	118	10.9
31 - 35 YEARS	5	7.8	92	10.0	9	9.7	106	9.8
36 - 40 YEARS	3	4.7	78	8.5	5	5.4	86	8.0
41 - 45 YEARS	6	9.4	67	7.3	4	4.3	77	7.1
46 - 50 YEARS	8	12.5	75	8.1	8	8.6	91	8.4
51 - 55 YEARS	3	4.7	63	6.8	9	9.7	75	6.9
56 - 60 YEARS	6	9.4	59	6.4	6	6.5	71	6.6
61 - 65 YEARS	4	6.3	58	6.3	12	12.9	74	6.9
66 YEARS AND OVER	4	6.3	88	9.5	11	11.8	103	9.5
UNKNOWN	7	-	228	-	26	-	261	-
TOTAL	71	100.0	1,151	100.0	119	100.0	1,341	100.0

TABLE 3.9.17

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2011 MISSOURI CRASHES

TYPE OF VISION OBSTRUCTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
WINDSHIELD OBSCURED	0	0.0	7	0.7	1	1.0	8	0.7
LOAD ON VEHICLE	0	0.0	3	0.3	0	0.0	3	0.3
TREES / BRUSH	0	0.0	8	0.8	0	0.0	8	0.7
BUILDING	0	0.0	3	0.3	0	0.0	3	0.3
EMBANKMENT	0	0.0	1	0.1	0	0.0	1	0.1
SIGNBOARD	0	0.0	1	0.1	0	0.0	1	0.1
HILLCREST	0	0.0	4	0.4	1	1.0	5	0.4
PARKED CARS	0	0.0	48	4.6	3	2.9	51	4.2
MOVING CARS	1	1.4	31	3.0	5	4.9	37	3.0
GLARE	2	2.8	44	4.2	4	3.9	50	4.1
OTHER	6	8.5	61	5.8	4	3.9	71	5.8
NOT OBSCURED	62	87.3	839	79.9	85	82.5	986	80.6
UNKNOWN	0	-	101	-	16	-	117	-
TOTAL	71	100.0	1,151	100.0	119	100.0	1,341	100.0

TABLE 3.9.18

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2011 MISSOURI CRASHES

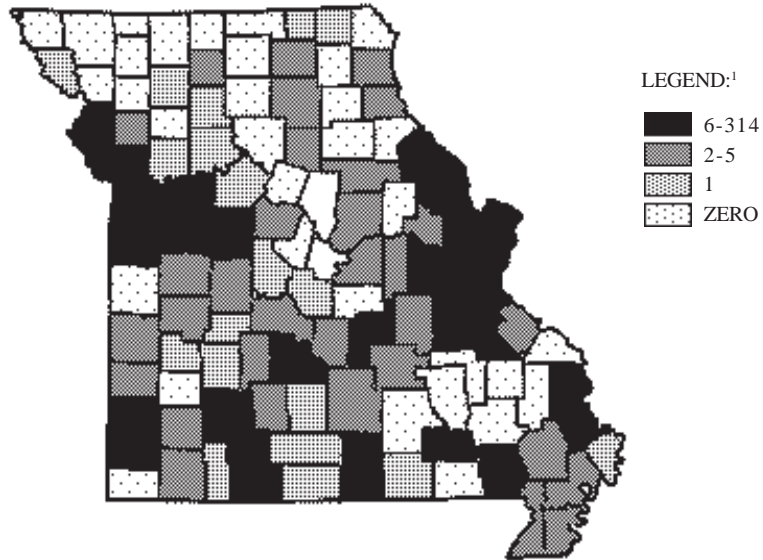
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	30	43.5	672	59.1	72	61.0	774	58.5
SPORT UTILITY VEHICLE	10	14.5	168	14.8	17	14.4	195	14.7
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	2	2.9	89	7.8	7	5.9	98	7.4
BUS	2	2.9	6	0.5	1	0.9	9	0.7
SCHOOL BUS	1	1.5	3	0.3	2	1.7	6	0.5
MOTORCYCLE	1	1.5	4	0.4	0	0.0	5	0.4
MOPED	0	0.0	1	0.1	0	0.0	1	0.1
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	1	0.1	0	0.0	1	0.1
OTHER TRANSPORT DEVICE	0	0.0	1	0.1	0	0.0	1	0.1
PICKUP TRUCK	11	15.9	173	15.2	15	12.7	199	15.0
OTHER TRUCKS	12	17.4	15	1.3	4	3.4	31	2.3
ALL TERRAIN VEHICLE	0	0.0	3	0.3	0	0.0	3	0.2
UNKNOWN	2	-	14	-	1	-	17	-
TOTAL	71	100.0	1,151	100.0	119	100.0	1,341	100.0

TABLE 3.9.19

2011 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	314	22.4	23.5	SCOTT	8	0.6
2.0	JACKSON	270	19.2	23.5	WASHINGTON	8	0.6
3.0	ST LOUIS	257	18.3	26.0	LACLEDE	7	0.5
4.0	GREENE	56	4.0	28.5	HOWELL	6	0.4
5.0	ST CHARLES	46	3.3	28.5	LAFAYETTE	6	0.4
6.0	BUCHANAN	36	2.6	28.5	PIKE	6	0.4
7.0	BOONE	31	2.2	28.5	TANEY	6	0.4
8.0	JASPER	29	2.1				
10.0	CLAY	24	1.7				First Quartile
10.0	COLE	24	1.7				
10.0	JEFFERSON	24	1.7				Second Quartile
12.5	JOHNSON	15	1.1	34.0	ADAIR	5	0.4
12.5	PLATTE	15	1.1	34.0	BARRY	5	0.4
14.0	BUTLER	14	1.0	34.0	DUNKLIN	5	0.4
16.0	CAPE GIRARDEAU	11	0.8	34.0	HENRY	5	0.4
16.0	PETTIS	11	0.8	34.0	MACON	5	0.4
16.0	PHELPS	11	0.8	34.0	PEMISCOT	5	0.4
18.5	FRANKLIN	10	0.7	34.0	PULASKI	5	0.4
18.5	LINCOLN	10	0.7	38.5	AUDRAIN	4	0.3
20.5	CHRISTIAN	9	0.6	38.5	CALLAWAY	4	0.3
20.5	ST FRANCOIS	9	0.6	42.5	BENTON	3	0.2
23.5	CASS	8	0.6	42.5	CAMDEN	3	0.2
23.5	NEWTON	8	0.6	42.5	COOPER	3	0.2
				42.5	DENT	3	0.2

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.5	VERNON	3	0.2				
42.5	WARREN	3	0.2				
54.0	BARTON	2	0.1				
54.0	CLINTON	2	0.1				
54.0	CRAWFORD	2	0.1				
54.0	DALLAS	2	0.1				
54.0	GASCONADE	2	0.1				
54.0	GRUNDY	2	0.1				
54.0	LAWRENCE	2	0.1				
54.0	LEWIS	2	0.1				
54.0	MARION	2	0.1				
54.0	NEW MADRID	2	0.1				
54.0	OSAGE	2	0.1				
54.0	RANDOLPH	2	0.1				
54.0	ST CLAIR	2	0.1				
54.0	STE GENEVIEVE	2	0.1				
54.0	STODDARD	2	0.1				
54.0	TEXAS	2	0.1				
54.0	WEBSTER	2	0.1				
-----				-----			
			Second Quartile				Third Quartile
			-----				-----
			Third Quartile				Fourth Quartile
72.0	CARROLL	1	0.1	98.5	ANDREW	0	.
72.0	CEDAR	1	0.1	98.5	ATCHISON	0	.
72.0	DAVISS	1	0.1	98.5	BATES	0	.
72.0	DOUGLAS	1	0.1	98.5	BOLLINGER	0	.
72.0	HICKORY	1	0.1	98.5	CALDWELL	0	.
72.0	HOLT	1	0.1	98.5	CARTER	0	.
72.0	LIVINGSTON	1	0.1	98.5	CHARITON	0	.
72.0	MILLER	1	0.1	98.5	CLARK	0	.
72.0	MISSISSIPPI	1	0.1	98.5	DADE	0	.
72.0	MORGAN	1	0.1	98.5	DE KALB	0	.
72.0	OREGON	1	0.1	98.5	GENTRY	0	.
72.0	OZARK	1	0.1	98.5	HARRISON	0	.
72.0	POLK	1	0.1	98.5	HOWARD	0	.
72.0	RAY	1	0.1	98.5	IRON	0	.
72.0	SALINE	1	0.1	98.5	KNOX	0	.
72.0	SCHUYLER	1	0.1	98.5	LINN	0	.
72.0	SCOTLAND	1	0.1	98.5	MC DONALD	0	.
72.0	STONE	1	0.1	98.5	MADISON	0	.
72.0	WRIGHT	1	0.1	98.5	MARIES	0	.
				98.5	MERCER	0	.
				98.5	MONITEAU	0	.
				98.5	MONROE	0	.
				98.5	MONTGOMERY	0	.
				98.5	NODAWAY	0	.
				98.5	PERRY	0	.
				98.5	PUTNAM	0	.
				98.5	RALLS	0	.
				98.5	REYNOLDS	0	.
				98.5	RIPLEY	0	.
				98.5	SHANNON	0	.
				98.5	SHELBY	0	.
				98.5	SULLIVAN	0	.
				98.5	WAYNE	0	.
				98.5	WORTH	0	.

TABLE 3.9.20

2011 PEDESTRIAN INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	314	26.5
2.0	KANSAS CITY	227	19.1
3.0	SPRINGFIELD	49	4.1
4.0	ST. JOSPEH	34	2.9
5.0	INDEPENDENCE	33	2.8
6.0	COLUMBIA	27	2.3
7.0	JEFFERSON CITY	21	1.8
8.5	FLORISSANT	19	1.6
8.5	JOPLIN	19	1.6
10.0	ST.CHARLES	18	1.5
11.5	FERGUSON	12	1.0
11.5	UNIVERSITY CITY	12	1.0
13.5	JENNINGS	11	0.9
13.5	WARRENSBURG	11	0.9
15.5	CLAYTON	10	0.8
15.5	POPLAR BLUFF	10	0.8
17.5	BLUE SPRINGS	9	0.8
17.5	MARYLAND HEIGHTS	9	0.8
20.5	CAPE GIRARDEAU	8	0.7
20.5	LEE'S SUMMIT	8	0.7
20.5	ST.PETERS	8	0.7
20.5	WEBSTER GROVES	8	0.7
25.5	CREVE COEUR	7	0.6
25.5	KIRKWOOD	7	0.6
25.5	MANCHESTER	7	0.6
25.5	O'FALLON	7	0.6
25.5	CHESTERFIELD	7	0.6
25.5	ROLLA	7	0.6
29.5	NIXA	6	0.5
29.5	SEDALIA	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**

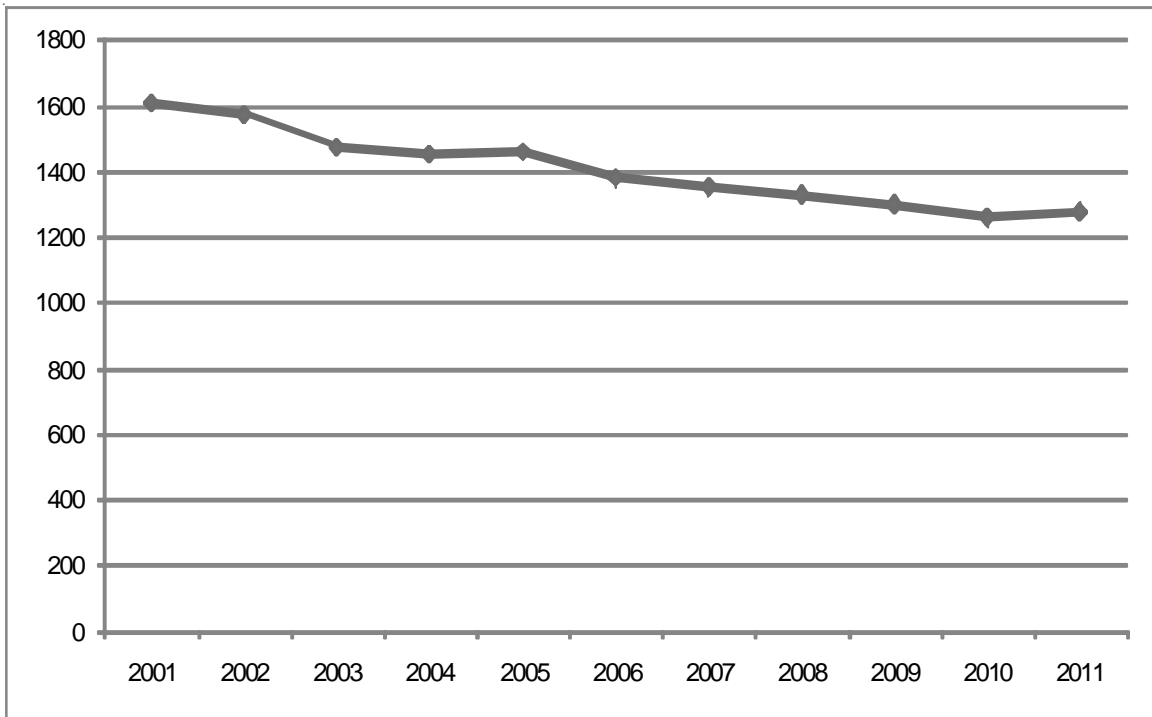


FIGURE 3.9.1

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.

2011 SUMMARY ANALYSIS

- Of all Missouri traffic crashes, 19.8% involved a fixed object being struck as part of the first harmful event. Of all fatal traffic crashes, 43.3% involved a fixed object. A total of 333 persons were killed and 11,056 were injured in fixed object crashes.
- There was a decrease of 6.9% in the rate of change when comparing all 2011 fixed object related traffic crash activity with that in 2010. When examining fatal fixed object crashes, the rate of change decreased by 3.7%.
- In 2011, one person was killed or injured in a fixed object crash every 46.2 minutes in the State of Missouri.
- Of all fixed object traffic crashes, 45.3% occurred in an urban area and 54.7% occurred in a rural area of the State. Of the fatal fixed object crashes, 78.1% occurred in a rural area.
- Of all fixed object crashes, 32.1% occurred on a curve and 41.8% occurred on a hill or crest of a hill.
- In 27.9% of the cases, an embankment, culvert, or ditch was the type of object struck. In 9.6% of the incidents, a tree was struck.
- Of the vehicles striking the fixed object, 53.9% were automobiles and 18.2% were pickup trucks.
- Of the drivers striking fixed objects, 62.3% were male and 37.7% were female. The average age of the driver was 35.1 years.
- Of the drivers striking fixed objects, 83.0% had a Missouri driver's license, 11.2% had an out-of-state driver's license, and 5.8% were unlicensed.

2011 MISSOURI TRAFFIC CRASHES

FIXED OBJECT INVOLVEMENT

	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL		TOTAL NUMBER ¹		DRIVERS/PASSENGERS OF VEHICLES STRIKING FIXED OBJECTS ²	
		%		%		%		%	KILLED	%	INJURED	KILLED
FIXED OBJECT INVOLVED	310	43.3	8,651	24.4	19,410	18.2	28,371	19.8	333	11,056	329	10,860
NO FIXED OBJECT INVOLVED	406	56.7	26,790	75.6	87,399	81.8	114,595	80.2	453	40,004	-	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	329	10,860

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

2010 AND 2011 FIXED OBJECT CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	322	310	- 3.7
PERSONAL INJURY	9,267	8,651	- 6.7
PROPERTY DAMAGE	20,898	19,410	- 7.1
TOTAL	30,487	28,371	- 6.9

TABLE 3.10.2

2011 FIXED OBJECT CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	68	21.9	3,381	39.1	9,404	48.5	12,853	45.3
RURAL	242	78.1	5,270	60.9	10,006	51.5	15,518	54.7
TOTAL	310	100.0	8,651	100.0	19,410	100.0	28,371	100.0

TABLE 3.10.3

2011 FIXED OBJECT CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	172	55.7	5,369	2.6	13,422	70.5	18,963	67.9
CURVE	137	44.3	3,211	37.4	5,617	29.5	8,965	32.1
UNKNOWN	1	-	71	-	371	-	443	-
TOTAL	310	100.0	8,651	100.0	19,410	100.0	28,371	100.0

TABLE 3.10.4

2011 FIXED OBJECT CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	130	42.1	4,637	54.4	11,306	60.1	16,073	58.2
HILL	172	55.6	3,670	43.1	7,039	37.5	10,881	39.4
CREST	7	2.3	209	2.5	454	2.4	670	2.4
UNKNOWN	1	-	135	-	611	-	747	-
TOTAL	310	100.0	8,651	100.0	19,410	100.0	28,371	100.0

TABLE 3.10.5

2011 FIXED OBJECT CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	258	84.0	6,109	71.1	11,553	60.3	17,920	63.9
WET	40	13.0	1,737	20.2	4,574	23.9	6,351	22.6
SNOW	5	1.6	427	5.0	2,031	10.6	2,463	8.8
ICE	4	1.3	240	2.8	749	3.9	993	3.5
SLUSH	0	0.0	64	0.8	217	1.1	281	1.0
MUD	0	0.0	6	0.1	20	0.1	26	0.1
STANDING WATER	0	0.0	3	0.0	16	0.1	19	0.1
MOVING WATER	0	0.0	2	0.0	7	0.0	9	0.0
UNKNOWN	3	-	63	-	243	-	309	-
TOTAL	310	100.0	8,651	100.0	19,410	100.0	28,371	100.0

TABLE 3.10.6

2011 FIXED OBJECT CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	38	12.3	1,458	16.9	3,809	19.6	5,305	18.7
U.S. HIGHWAY	35	11.3	918	10.6	1,992	10.3	2,945	10.4
STATE NUMBERED	65	21.0	1,426	16.5	2,293	11.8	3,784	13.3
SINGLE STATE LETTERED	62	20.0	1,051	12.2	1,340	6.9	2,453	8.7
DOUBLE STATE LETTERED	16	5.2	369	4.3	510	2.6	895	3.2
OUTER ROAD	2	0.7	49	0.6	110	0.6	161	0.6
COUNTY ROAD	46	14.8	1,326	15.3	2,513	13.0	3,885	13.7
CITY STREET	45	14.5	1,942	22.5	6,348	32.7	8,335	29.4
INTERSTATE LOOP	0	0.0	4	0.1	29	0.2	33	0.1
OTHER ¹	1	0.3	108	1.3	466	2.4	575	2.0
TOTAL	310	100.0	8,651	100.0	19,410	100.0	28,371	100.0

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

TABLE 3.10.7

2011 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 %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %				
INTERSTATE	18	26.5	914	27.0	1,840	19.6	2,772	21.6	20	8.3	544	10.3	1,969	19.7	2,533	16.3
U.S. HIGHWAY	6	8.8	314	9.3	748	8.0	1,068	8.3	29	12.0	604	11.5	1,244	12.4	1,877	12.1
STATE NUMBERED	3	4.4	218	6.5	549	5.8	770	6.0	62	25.6	1,208	22.9	1,744	17.4	3,014	19.4
SINGLE STATE LETTERED	2	2.9	36	1.1	108	1.2	146	1.1	60	24.8	1,015	19.3	1,232	12.3	2,307	14.9
DOUBLE STATE LETTERED	1	1.5	26	0.8	49	0.5	76	0.6	15	6.2	343	6.5	461	4.6	819	5.3
OUTER ROAD	1	1.5	20	0.6	53	0.6	74	0.6	1	0.4	29	0.5	57	0.6	87	0.6
COUNTY ROAD	3	4.4	68	2.0	173	1.8	244	1.9	43	17.8	1,258	23.9	2,340	23.4	3,641	23.5
CITY STREET	34	50.0	1,742	51.5	5,595	59.5	7,371	57.3	11	4.5	200	3.8	753	7.5	964	6.2
INTERSTATE LOOP	0	0.0	1	0.0	11	0.1	12	0.1	0	0.0	3	0.1	18	0.2	21	0.1
OTHER ¹	0	0.0	42	1.2	278	2.9	320	2.5	1	0.4	66	1.2	188	1.9	255	1.6
TOTAL	68	100.0	3,381	100.0	9,404	100.0	12,853	100.0	242	100.0	5,270	100.0	10,006	100.0	15,518	100.0

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

TABLE 3.10.8

2011 FIXED OBJECT CRASHES

TYPE OF OBJECT STRUCK BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
TREE	46	14.9	1,183	13.7	1,482	7.7	2,711	9.6
EMBANKMENT	84	27.3	1,685	19.5	1,945	10.1	3,714	13.2
GUARD RAIL FACE	17	5.5	442	5.1	1,141	5.9	1,600	5.7
GUARD RAIL END	3	1.0	113	1.3	209	1.1	325	1.2
UTILITY POLE	12	3.9	589	6.8	1,327	6.9	1,928	6.9
FENCE	16	5.2	414	4.8	1,325	6.9	1,755	6.2
STREET LIGHT SUPPORT	2	0.7	160	1.9	594	3.1	756	2.7
CULVERT	8	2.6	293	3.4	330	1.7	631	2.2
TRAFFIC SIGN POST	31	10.1	517	6.0	1,903	9.9	2,451	8.7
PIER / ABUTMENT	2	0.7	75	0.9	172	0.9	249	0.9
CURB	23	7.5	379	4.4	1,161	6.0	1,563	5.6
MAILBOX	6	2.0	217	2.5	910	4.7	1,133	4.0
CONCRETE TRAF. BARRIER	4	1.3	637	7.4	1,080	5.6	1,721	6.1
BUILDING	0	0.0	76	0.9	280	1.5	356	1.3
TRAFFIC SIGNAL SUPPORT	4	1.3	54	0.6	221	1.2	279	1.0
IMPACT ATTENUATOR	1	0.3	27	0.3	46	0.2	74	0.3
FIRE HYDRANT	0	0.0	43	0.5	248	1.3	291	1.0
BRIDGE PARAPET END	0	0.0	10	0.1	16	0.1	26	0.1
BRIDGE RAIL	0	0.0	96	1.1	199	1.0	295	1.1
MEDIAN BARRIER	7	2.3	275	3.2	1,543	8.0	1,825	6.5
OVERHEAD SIGN SUPPORT	0	0.0	10	0.1	23	0.1	33	0.1
DITCH	28	9.1	915	10.6	1,446	7.5	2,389	8.5
OTHER POST	2	0.7	113	1.3	437	2.3	552	2.0
WALL	4	1.3	66	0.8	182	1.0	252	0.9
OTHER	8	2.6	240	2.8	1,003	5.2	1,251	4.4
FIXED OBJECT TYPE UNKNOWN	2	-	22	-	187	-	211	-
TOTAL	310	100.0	8,651	100.0	19,410	100.0	28,371	100.0

TABLE 3.10.9

2011 MISSOURI FIXED OBJECT CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	3,373	11.9
FEBRUARY	2,557	9.0
MARCH	2,254	7.9
APRIL	2,047	7.2
MAY	2,317	8.2
JUNE	2,146	7.6
JULY	2,154	7.6
AUGUST	2,086	7.3
SEPTEMBER	2,246	7.9
OCTOBER	2,179	7.7
NOVEMBER	2,208	7.8
DECEMBER	2,804	9.9
TOTAL	28,371	100.0

TABLE 3.10.10

2011 MISSOURI FIXED OBJECT CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	3,997	14.1
MONDAY	4,308	15.2
TUESDAY	3,942	13.9
WEDNESDAY	3,769	13.3
THURSDAY	3,801	13.4
FRIDAY	3,996	14.1
SATURDAY	4,552	16.0
UNKNOWN	36	--
TOTAL	28,371	100.0

TABLE 3.10.11

2011 MISSOURI FIXED OBJECT CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	1,148	4.1
01:00A - 01:59A	1,269	4.5
02:00A - 02:59A	937	3.4
03:00A - 03:59A	783	2.8
04:00A - 04:59A	661	2.4
05:00A - 05:59A	797	2.9
06:00A - 06:59A	1,075	3.8
07:00A - 07:59A	1,516	5.4
08:00A - 08:59A	1,293	4.6
09:00A - 09:59A	1,077	3.9
10:00A - 10:59A	1,187	4.2
11:00A - 11:59A	1,163	4.2
NOON - 12:59P	1,258	4.5
01:00P - 01:59P	1,218	4.3
02:00P - 02:59P	1,377	4.9
03:00P - 03:59P	1,540	5.5
04:00P - 04:59P	1,516	5.4
05:00P - 05:59P	1,445	5.2
06:00P - 06:59P	1,273	4.5
07:00P - 07:59P	1,141	4.1
08:00P - 08:59P	1,035	3.7
09:00P - 09:59P	1,050	3.7
10:00P - 10:59P	1,116	4.0
11:00P - MIDNIGHT	1,118	4.0
UNKNOWN	378	--
TOTAL	28,371	100.0

TABLE 3.10.12

2011 MISSOURI FIXED OBJECT CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL FIXED OBJECT CRASHES = 310				TOTAL FIXED OBJECT CRASHES = 28,371		
	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.6	0.0	1.6	4.1	0.0	4.1
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	0.1	0.0	0.1
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	52.9	0.3	52.9	41.3	0.2	41.4
IMPROPER PASSING	1.3	0.0	1.3	0.5	0.0	0.5
VIOLATION OF STOP SIGN	1.3	0.0	1.3	1.1	0.0	1.1
WRONG SIDE NOT PASSING	8.1	0.0	8.1	2.2	0.0	2.2
FOLLOWING TOO CLOSE	0.3	0.3	0.6	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	2.9	0.0	2.9
IMPROPER LANE USAGE / CHANGE	29.7	0.3	30.0	14.0	0.1	14.0
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.1	0.0	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.1	0.0	0.1
IMPROPERLY PARKED	0.3	0.3	0.6	0.2	0.0	0.2
FAILED TO YIELD	0.0	0.0	0.0	0.5	0.0	0.6
DRINKING	33.9	0.0	33.9	11.7	0.0	11.8
DRUGS	7.7	0.0	7.7	2.4	0.0	2.4
PHYSICAL IMPAIRMENT	8.1	0.0	8.1	6.1	0.0	6.1
INATTENTION	16.8	0.6	17.1	22.3	0.1	22.3

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 2011 Missouri fixed object crashes, it was found that the driver of the vehicle striking the fixed object was speeding in 52.9% of the crashes. In 0.3% of the crashes another driver was speeding. In 52.9% of the crashes either the driver of the vehicle striking the fixed object, another driver, or both drivers were speeding.

TABLE 3.10.13

2011 MISSOURI FIXED OBJECT CRASHES¹

TYPE OF VEHICLE STRIKING FIXED OBJECT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	131	42.3	4,576	52.9	10,354	54.5	15,061	53.9
SPORT UTILITY VEHICLE	54	17.4	1,475	17.1	2,856	15.0	4,385	15.7
LIMOUSINE	0	0.0	2	0.0	5	0.1	7	0.0
VAN	22	7.1	373	4.3	769	4.1	1,164	4.2
BUS	0	0.0	9	0.1	54	0.3	63	0.2
SCHOOL BUS	0	0.0	7	0.1	56	0.3	63	0.2
MOTORCYCLE	24	7.7	340	3.9	48	0.3	412	1.5
ALL TERRAIN VEHICLE	2	0.7	64	0.8	4	0.0	70	0.2
MOPED	0	0.0	20	0.2	1	0.0	21	0.1
MOTOR HOME / CAMPER	0	0.0	3	0.0	17	0.1	20	0.1
FARM EQUIPMENT	1	0.3	2	0.0	24	0.2	27	0.1
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	12	0.1	12	0.0
OTHER TRANSPORT DEVICE	0	0.0	6	0.1	15	0.1	21	0.1
PICKUP TRUCK	66	21.3	1,605	18.6	3,419	18.0	5,090	18.2
OTHER TRUCKS	10	3.2	167	1.9	1,364	7.2	1,541	5.5
UNKNOWN	0	-	2	-	413	-	415	-
TOTAL	310	100.0	8,651	100.0	19,411	100.0	28,372	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 2011 MISSOURI CRASHES¹

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	1	0.3	6	0.1	130	0.7	137	0.5
KNOWN DRIVER INVOLVED	307	99.0	8,587	99.3	17,358	89.4	26,252	92.5
UNKNOWN DRIVER INVOLVED	2	0.7	58	0.6	1,923	9.9	1,983	7.0
TOTAL	310	100.0	8,651	100.0	19,411	100.0	28,342	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 2011 MISSOURI CRASHES¹

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	233	75.9	5,072	59.1	11,008	63.6	16,313	62.3
FEMALE	74	24.1	3,507	40.9	6,293	36.4	9,874	37.7
UNKNOWN	0	-	64	-	1,978	-	2,042	-
TOTAL	307	100.0	8,643	100.0	19,279	100.0	28,229	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 2011 MISSOURI CRASHES¹

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	40.5	-	34.9	-	35.0	-	35.1	-
14 YEARS AND UNDER	1	0.3	38	0.4	73	0.4	112	0.4
15 - 20 YEARS	47	15.3	1,877	21.9	3,568	20.6	5,492	21.0
21 - 25 YEARS	37	12.0	1,513	17.7	3,013	17.4	4,563	17.5
26 - 30 YEARS	38	12.4	992	11.6	2,063	11.9	3,093	11.8
31 - 35 YEARS	27	8.8	706	8.3	1,618	9.4	2,351	9.0
36 - 40 YEARS	11	3.6	617	7.2	1,310	7.6	1,938	7.4
41 - 45 YEARS	27	8.8	604	7.1	1,166	6.7	1,797	6.9
46 - 50 YEARS	26	8.5	531	6.2	1,193	6.9	1,750	6.7
51 - 55 YEARS	22	7.2	498	5.8	1,056	6.1	1,576	6.0
56 - 60 YEARS	27	8.8	405	4.7	731	4.2	1,163	4.4
61 - 65 YEARS	9	2.9	291	3.4	545	3.2	845	3.2
66 YEARS AND OVER	35	11.4	490	5.7	965	5.6	1,490	5.7
UNKNOWN	0	-	81	-	1,978	-	2,059	-
TOTAL	307	100.0	8,643	100.0	19,279	100.0	28,229	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 2011 MISSOURI CRASHES¹

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

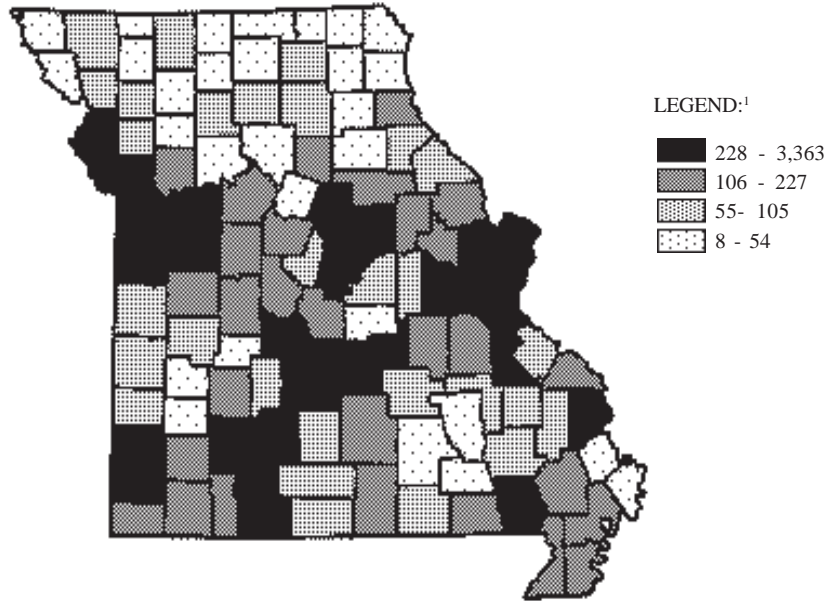
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	73	0.9	131	0.8	204	0.8
OPERATOR'S LICENSE	214	70.1	6,608	78.5	12,759	75.4	19,581	76.4
MOTORCYCLE ONLY	0	0.0	1	0.0	1	0.0	2	0.0
COMMERCIAL DRIVER'S LICENSE	21	6.9	368	4.4	1,091	6.4	1,480	5.8
SUBTOTAL	235	77.1	7,050	83.8	13,982	82.6	21,267	83.0
OUT STATE								
LEARNER'S PERMIT	0	0.0	1	0.0	4	0.0	5	0.0
OPERATOR'S LICENSE	21	6.9	645	7.7	1,545	9.1	2,211	8.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	6	2.0	86	1.0	575	3.4	667	2.6
SUBTOTAL	27	8.9	732	8.7	2,124	12.5	2,883	11.2
UNLICENSED	43	14.1	631	7.5	824	4.9	1,498	5.8
UNKNOWN	2	-	230	-	2,349	-	2,581	-
TOTAL	307	100.0	8,643	100.0	19,279	100.0	28,229	100.0

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

TABLE 3.10.18

2011 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	3,363	11.9	23.0	CHRISTIAN	289	1.0
2.0	JACKSON	3,083	10.9	24.0	LACLEDE	269	0.9
3.0	ST LOUIS CITY	1,825	6.4	25.0	WEBSTER	261	0.9
4.0	ST CHARLES	1,195	4.2	26.0	BUTLER	251	0.9
5.0	GREENE	1,158	4.1	27.0	CAMDEN	237	0.8
6.0	JEFFERSON	1,049	3.7	28.0	LAFAYETTE	231	0.8
7.0	CLAY	914	3.2				
8.0	FRANKLIN	594	2.1				First Quartile
9.0	PLATTE	547	1.9				
10.0	BOONE	523	1.8	29.5	LAWRENCE	227	0.8
11.0	BUCHANAN	514	1.8	29.5	WARREN	227	0.8
12.0	PHELPS	479	1.7	31.0	SCOTT	219	0.8
13.0	JASPER	419	1.5	32.5	HOWELL	216	0.8
14.0	CAPE GIRARDEAU	405	1.4	32.5	PETTIS	216	0.8
15.0	CALLAWAY	394	1.4	34.0	LINCOLN	215	0.8
16.0	CASS	368	1.3	35.0	CRAWFORD	212	0.7
17.0	COLE	353	1.2	36.0	STONE	209	0.7
18.0	TANEY	340	1.2	37.0	SALINE	206	0.7
19.0	PULASKI	325	1.1	38.5	BARRY	192	0.7
20.0	ST FRANCOIS	324	1.1	38.5	MARION	192	0.7
21.0	NEWTON	318	1.1	40.0	STODDARD	184	0.6
22.0	JOHNSON	303	1.1	41.0	COOPER	178	0.6

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.0	MILLER	175	0.6	80.0	DOUGLAS	67	0.2
43.0	MC DONALD	145	0.5	81.0	OZARK	63	0.2
44.0	POLK	144	0.5	82.0	BOLLINGER	62	0.2
45.0	MONTGOMERY	141	0.5	83.0	BARTON	59	0.2
46.0	HENRY	138	0.5	84.0	ST CLAIR	58	0.2
47.0	PERRY	131	0.5	85.5	HARRISON	57	0.2
48.0	WASHINGTON	130	0.5	85.5	LINN	57	0.2
49.0	DUNKLIN	118	0.4	87.0	PIKE	55	0.2
50.0	NEW MADRID	117	0.4				
51.5	PEMISCOT	116	0.4				Third Quartile
51.5	RIPLEY	116	0.4				
53.0	RAY	115	0.4				Fourth Quartile
54.5	BENTON	114	0.4	88.0	HOWARD	54	0.2
54.5	TEXAS	114	0.4	89.0	MISSISSIPPI	50	0.2
56.0	RANDOLPH	113	0.4	90.5	CEDAR	49	0.2
57.0	MORGAN	112	0.4	90.5	REYNOLDS	49	0.2
58.0	AUDRAIN	110	0.4	92.0	MARIES	47	0.2
			Second Quartile	93.5	HOLT	45	0.2
				93.5	LEWIS	45	0.2
			Third Quartile	95.0	ATCHISON	43	0.2
59.0	OSAGE	105	0.4	96.5	CARTER	42	0.1
60.0	STE GENEVIEVE	102	0.4	96.5	DAVISS	42	0.1
61.0	WAYNE	101	0.4	98.0	HICKORY	41	0.1
62.0	GASCONADE	96	0.3	99.0	GRUNDY	40	0.1
63.0	VERNON	93	0.3	100.0	CARROLL	39	0.1
64.0	MONITEAU	90	0.3	101.0	SULLIVAN	35	0.1
65.0	NODAWAY	89	0.3	102.0	CALDWELL	33	0.1
66.0	BATES	88	0.3	103.5	DADE	30	0.1
67.0	MACON	87	0.3	103.5	PUTNAM	30	0.1
68.5	DENT	86	0.3	105.0	SHANNON	29	0.1
68.5	OREGON	86	0.3	106.5	CLARK	27	0.1
70.0	WRIGHT	84	0.3	106.5	MONROE	27	0.1
71.0	IRON	82	0.3	108.0	CHARITON	25	0.1
72.0	CLINTON	81	0.3	109.0	SCOTLAND	23	0.1
73.0	DALLAS	74	0.3	110.5	MERCER	21	0.1
75.0	ADAIR	73	0.3	110.5	SCHUYLER	21	0.1
75.0	DE KALB	73	0.3	112.0	SHELBY	20	0.1
75.0	LIVINGSTON	73	0.3	113.0	GENTRY	18	0.1
77.0	ANDREW	72	0.3	114.0	KNOX	13	0.0
78.0	RALLS	70	0.2	115.0	WORTH	8	0.0
79.0	MADISON	69	0.2				

TABLE 3.10.19

2011 FIXED OBJECT INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	2,473	16.9
2.0	ST. LOUIS	1,825	12.5
3.0	SPRINGFIELD	706	4.8
4.0	ST. JOSEPH	390	2.7
5.0	INDEPENDENCE	367	2.5
6.0	LEE'S SUMMIT	363	2.5
7.0	ST. CHARLES	260	1.8
8.0	COLUMBIA	237	1.6
9.0	CAPE GIRARDEAU	222	1.5
10.0	JEFFERSON CITY	219	1.5
11.0	O'FALLON	191	1.3
12.0	CHESTERFIELD	188	1.3
13.0	JOPLIN	173	1.2
14.0	BLUE SPRINGS	165	1.1
15.0	ST. PETERS	150	1.0
16.0	WILDWOOD	135	0.9
17.0	FLORISSANT	131	0.9
18.0	SUNSET HILLS	130	0.9
19.0	MARYLAND HEIGHTS	126	0.9
20.0	WENTZVILLE	116	0.8
21.0	ROLLA	111	0.8
22.0	LIBERTY	109	0.7
23.0	HAZELWOOD	106	0.7
24.5	BRIDGETON	100	0.7
24.5	KIRKWOOD	100	0.7
26.0	BERKELEY	99	0.7
27.0	CREVE COEUR	95	0.6
28.0	HANNIBAL	91	0.6
29.0	ARNOLD	82	0.6
30.0	POPLAR BLUFF	80	0.5
31.0	GRANDVIEW	76	0.5
32.0	SEDALIA	73	0.5
33.0	BRANSON	71	0.5
34.0	TOWN AND COUNTRY	69	0.5
35.5	FESTUS	68	0.5
35.5	ST. ROBERT	68	0.5
37.5	BALLWIN	67	0.5
37.5	CLAYTON	67	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**

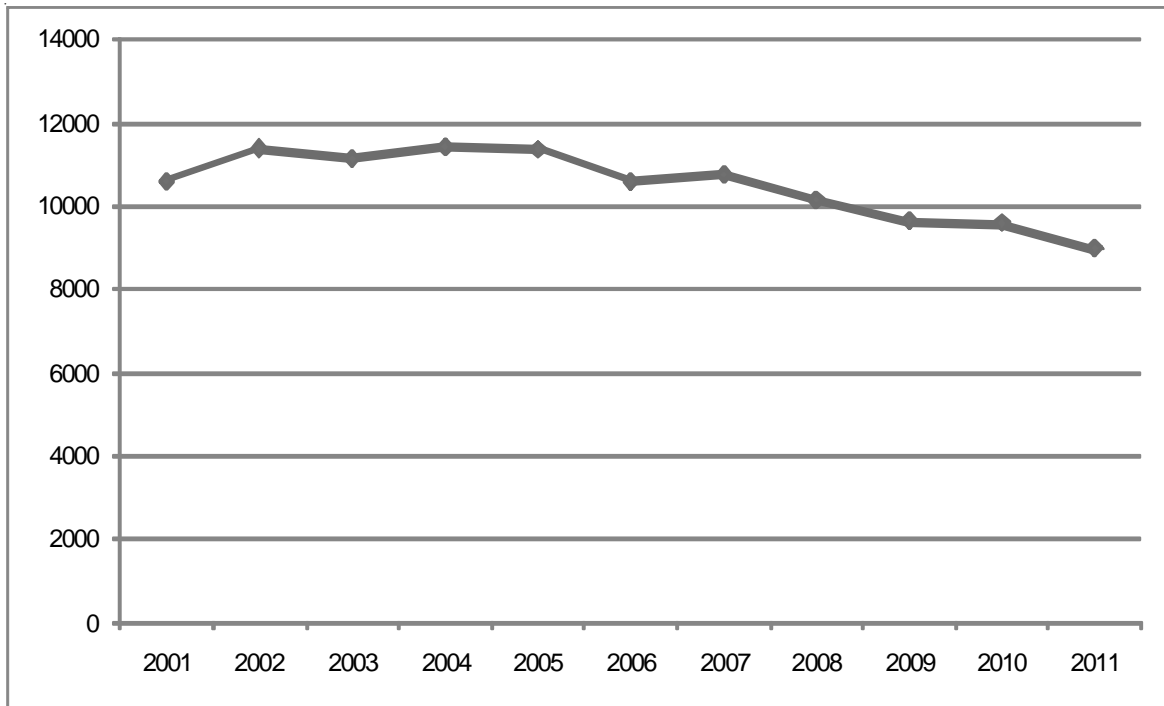


FIGURE 3.10.1

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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 1.0% were hazardous material related. Seven people were killed and 44 were injured in traffic crashes involving hazardous materials.
- There was an increase of 30.4% in the rate of change when comparing all 2011 hazardous material involved traffic crash activity with that in 2010.
- Of all 2011 hazardous material traffic crashes, the first harmful event in 73.3% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. The first harmful event in 10.3% of the cases was a motor vehicle in transport striking a fixed object and in 10.3% of the incidents a motor vehicle overturned.
- Of all 2011 hazardous material traffic crashes, 39.0% occurred in urban areas and 61.0% occurred in rural areas of the State.
- Of all vehicles carrying hazardous materials in traffic crashes, 65.1% were two-unit trucks and 24.7% were single unit trucks.
- Of all vehicles carrying hazardous materials, 9.7% had their materials released as a result of the traffic crash.
- Of the drivers transporting hazardous materials in 2011 traffic crashes, 97.3% were male and 2.7% were female. The average age of the driver was 47.2 years.
- Of the drivers, 72.6% had a Missouri driver's license and 26.8% had an out-of-state driver's license at the time of the crash.

2011 MISSOURI TRAFFIC CRASHES
HAZARDOUS MATERIAL INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED	TOTAL NUMBER ¹ INJURED	DRIVERS/PASSENGERS OF VEHICLES CARRYING HAZARDOUS MATERIALS ² KILLED	DRIVERS/PASSENGERS OF VEHICLES CARRYING HAZARDOUS MATERIALS ² INJURED
HAZARDOUS MATERIALS INVOLVED	7	1.0	38	0.1	101	0.1	146	0.1	7	44	1	15
NO HAZARDOUS MATERIALS INVOLVED	709	99.0	35,403	99.9	106,708	99.9	142,820	99.9	779	51,016	-	-
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786	51,060	1	15

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

2010 AND 2011 HAZARDOUS MATERIAL INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	1	7	+600.0
PERSONAL INJURY	30	38	+26.7
PROPERTY DAMAGE	81	101	+24.7
TOTAL	112	146	+30.4

TABLE 3.11.2

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	1	1.0	1	0.7
BICYCLIST	0	0.0	0	0.0	0	0.0	0	0.0
FIXED OBJECT	1	14.3	6	15.8	8	7.9	15	10.3
OTHER OBJECT	0	0.0	1	2.6	1	1.0	2	1.4
PEDESTRIAN	1	14.3	0	0.0	0	0.0	1	0.7
TRAIN	1	14.3	1	2.6	1	1.0	3	2.1
VEHICLE IN TRANSPORT	4	57.1	24	63.2	79	78.2	107	73.3
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	0	0.0	0	0.0
PARKED VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
NONCOLLISION OVERTURN	0	0.0	6	15.8	9	8.9	15	10.3
NONCOLLISION OTHER	0	0.0	0	0.0	2	2.0	2	1.4
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.3

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	1	14.3	8	21.1	48	47.5	57	39.0
RURAL	6	85.7	30	78.9	53	52.5	89	61.0
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.4

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	6	85.7	27	73.0	90	90.9	123	86.0
CURVE	1	14.3	10	27.0	9	9.1	20	14.0
UNKNOWN	0	-	1	-	2	-	3	-
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.5

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	2	28.6	24	64.9	68	69.4	94	66.2
HILL	5	71.4	12	32.4	28	28.6	45	31.7
CREST	0	0.0	1	2.7	2	2.0	3	2.1
UNKNOWN	0	-	0	-	1	-	1	-
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.6

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	6	85.7	32	84.2	69	69.0	107	73.8
WET	0	0.0	5	13.2	18	18.0	23	15.9
SNOW	1	14.3	1	2.6	8	8.0	10	6.9
ICE	0	0.0	0	0.0	3	3.0	3	2.1
SLUSH	0	0.0	0	0.0	2	2.0	2	1.4
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	-	0	-	1	-	1	-
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.7

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	1	14.3	7	18.4	26	25.7	34	23.3
U.S. HIGHWAY	2	28.6	8	21.1	19	18.8	29	19.9
STATE NUMBERED	1	14.3	12	31.6	17	16.8	30	20.6
SINGLE STATE LETTERED	0	0.0	4	10.5	5	5.0	9	6.2
DOUBLE STATE LETTERED	1	14.3	0	0.0	3	3.0	4	2.7
OUTER ROAD	0	0.0	0	0.0	0	0.0	0	0.0
COUNTY ROAD	2	28.6	1	2.6	6	5.9	9	6.2
CITY STREET	0	0.0	6	15.8	23	22.8	29	19.9
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	0	0.0	2	2.0	2	1.4
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

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

TABLE 3.11.8

2011 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	17	11.6
FEBRUARY	12	8.2
MARCH	8	5.5
APRIL	13	8.9
MAY	16	11.0
JUNE	6	4.1
JULY	9	6.2
AUGUST	15	10.3
SEPTEMBER	13	8.9
OCTOBER	9	6.2
NOVEMBER	17	11.6
DECEMBER	11	7.5
TOTAL	146	100.0

TABLE 3.11.9

2011 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	5	3.4
MONDAY	25	17.1
TUESDAY	24	16.4
WEDNESDAY	25	17.1
THURSDAY	28	19.2
FRIDAY	25	17.1
SATURDAY	14	9.6
TOTAL	146	100.0

TABLE 3.11.10

2011 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	1	0.7
01:00A - 01:59A	2	1.4
02:00A - 02:59A	4	2.7
03:00A - 03:59A	1	0.7
04:00A - 04:59A	1	0.7
05:00A - 05:59A	5	3.4
06:00A - 06:59A	5	3.4
07:00A - 07:59A	6	4.1
08:00A - 08:59A	8	5.5
09:00A - 09:59A	7	4.8
10:00A - 10:59A	16	11.0
11:00A - 11:59A	12	8.2
NOON - 12:59P	7	4.8
01:00P - 01:59P	15	10.3
02:00P - 02:59P	8	5.5
03:00P - 03:59P	6	4.1
04:00P - 04:59P	6	4.1
05:00P - 05:59P	7	4.8
06:00P - 06:59P	4	2.7
07:00P - 07:59P	10	6.9
08:00P - 08:59P	4	2.7
09:00P - 09:59P	3	2.1
10:00P - 10:59P	5	3.4
11:00P - MIDNIGHT	3	2.1
TOTAL	146	100.0

TABLE 3.11.11

VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2011 MISSOURI CRASHES

TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
PASSENGER CAR	0	0.0	1	2.6	0	0.0	1	0.7
SUV	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	0	0.0	1	1.0	1	0.7
MOTORCYCLE	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	0	0.0	1	1.0	1	0.7
OTHER TRANSPORT DEVICE	1	14.3	1	2.6	2	2.0	4	2.7
PICKUP TRUCK	0	0.0	1	2.6	3	3.0	4	2.7
SINGLE UNIT TRUCK	3	42.9	7	18.4	26	25.7	36	24.7
TWO UNIT TRUCK	3	42.9	27	71.1	65	64.4	95	65.1
OTHER TRUCK	0	0.0	1	2.6	3	3.0	4	2.7
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.12

VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2011 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	1	2.6	1	1.0	2	1.4
SOLIDS IN BULK	0	0.0	2	5.3	1	1.0	3	2.1
LIQUIDS IN BULK	0	0.0	6	15.8	3	3.0	9	6.2
EXPLOSIVES	0	0.0	0	0.0	0	0.0	0	0.0
SUBTOTAL	0	0.0	9	23.7	5	5.0	14	9.7
NOT SPILLED								
GASES IN BULK	1	14.3	7	18.4	27	26.7	35	24.0
SOLIDS IN BULK	0	0.0	3	7.9	3	3.0	6	4.1
LIQUIDS IN BULK	6	85.7	15	39.5	60	59.4	81	55.5
EXPLOSIVES	0	0.0	4	10.5	6	5.9	10	6.9
SUBTOTAL	7	100.0	29	76.3	96	95.0	132	90.5
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.13

2011 MISSOURI HAZARDOUS MATERIAL CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL HAZARDOUS MATERIAL CRASHES = 7				TOTAL HAZARDOUS MATERIAL CRASHES = 146		
	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	1.4	2.7	4.1
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	14.3	14.3	0.0	1.4	1.4
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	0.0	28.6	28.6	6.2	9.6	15.8
IMPROPER PASSING	0.0	0.0	0.0	0.0	0.7	0.7
VIOLATION OF STOP SIGN	0.0	14.3	14.3	0.0	2.1	2.1
WRONG SIDE NOT PASSING	0.0	14.3	14.3	2.7	3.4	5.5
FOLLOWING TOO CLOSE	0.0	0.0	0.0	6.2	6.8	13.0
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	1.4	1.4
IMPROPER BACKING	0.0	0.0	0.0	0.7	0.7	1.4
IMPROPER TURN	0.0	0.0	0.0	2.7	1.4	4.1
IMPROPER LANE USAGE / CHANGE	14.3	14.3	28.6	8.2	13.0	20.5
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.7	0.7
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	0.0	0.0	0.0	6.8	11.0	17.8
DRINKING	0.0	14.3	14.3	0.0	1.4	1.4
DRUGS	0.0	0.0	0.0	0.0	0.7	0.7
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	1.4	1.4	2.7
INATTENTION	14.3	14.3	28.6	15.1	15.1	28.8

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 2011 Missouri hazardous material crashes, it was found that the driver of a vehicle carrying hazardous materials was speeding in 6.2% of the crashes. In 9.6% of the crashes another driver was speeding. In 15.8% 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 2011 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	7	100.0	38	100.0	101	100.0	146	100.0
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.15

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2011 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	7	100.0	38	100.0	97	96.0	142	97.3
FEMALE	0	0.0	0	0.0	4	4.0	4	2.7
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.16

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2011 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	52.7	-	45.2	-	47.6	-	47.2	-
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	0	0.0	0	0.0
21 - 25 YEARS	0	0.0	2	5.3	1	1.0	3	2.1
26 - 30 YEARS	0	0.0	1	2.6	6	5.9	7	4.8
31 - 35 YEARS	0	0.0	5	13.2	10	9.9	15	10.3
36 - 40 YEARS	1	14.3	4	10.5	7	6.9	12	8.2
41 - 45 YEARS	0	0.0	6	15.8	14	13.9	20	13.7
46 - 50 YEARS	2	28.6	7	18.4	21	20.8	30	20.6
51 - 55 YEARS	0	0.0	5	13.2	19	18.8	24	16.4
56 - 60 YEARS	3	42.9	6	15.8	14	13.9	23	15.8
61 - 65 YEARS	1	14.3	1	2.6	5	5.0	7	4.8
66 YEARS AND OVER	0	0.0	1	2.6	4	4.0	5	3.4
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.17

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2011 MISSOURI CRASHES

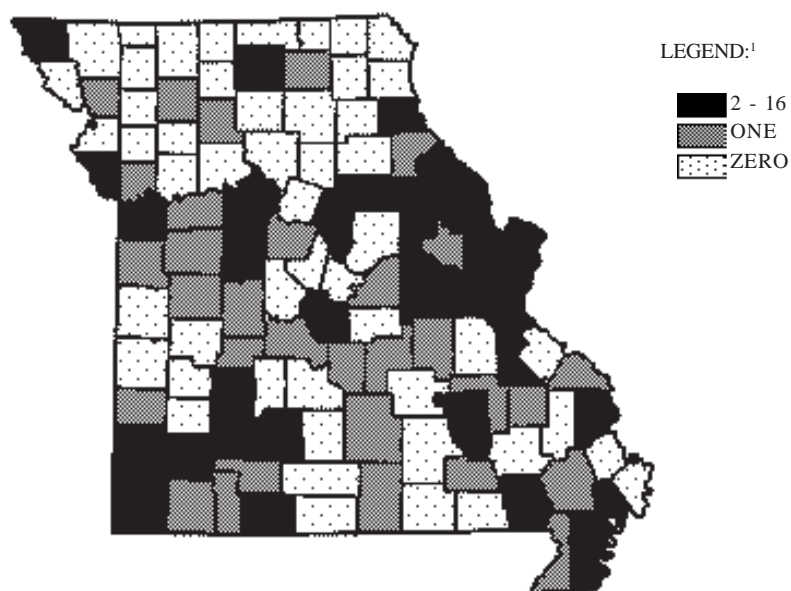
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	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	1	2.7	11	11.1	12	8.5
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	4	66.7	26	70.3	61	61.6	91	64.1
SUBTOTAL	4	66.7	27	73.0	72	72.7	103	72.6
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	1.0	1	0.7
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	2	33.3	9	24.3	26	26.3	37	26.1
SUBTOTAL	2	33.3	9	24.3	27	27.3	38	26.8
UNLICENSED	0	0.0	1	2.7	0	0.0	1	0.7
UNKNOWN	1	-	1	-	2	-	4	-
TOTAL	7	100.0	38	100.0	101	100.0	146	100.0

TABLE 3.11.18

2011 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	16	11.0	23.0	NEW MADRID	2	1.4
2.0	JACKSON	13	8.9	23.0	NEWTON	2	1.4
3.0	GREENE	7	4.8	23.0	PETTIS	2	1.4
5.0	JASPER	5	3.4	23.0	PLATTE	2	1.4
5.0	ST CHARLES	5	3.4	23.0	POLK	2	1.4
5.0	ST LOUIS CITY	5	3.4	23.0	REYNOLDS	2	1.4
8.5	BOONE	4	2.7	23.0	ST FRANCOIS	2	1.4
8.5	BUTLER	4	2.7	23.0	SULLIVAN	2	1.4
8.5	MONTGOMERY	4	2.7	23.0	TANEY	2	1.4
8.5	PIKE	4	2.7	23.0	WEBSTER	2	1.4
11.5	PEMISCOT	3	2.1				First Quartile
11.5	SALINE	3	2.1				Second Quartile
23.0	ATCHISON	2	1.4	49.0	ADAIR	1	0.7
23.0	AUDRAIN	2	1.4	49.0	ANDREW	1	0.7
23.0	CAPE GIRARDEAU	2	1.4	49.0	BARRY	1	0.7
23.0	FRANKLIN	2	1.4	49.0	BARTON	1	0.7
23.0	GASCONADE	2	1.4	49.0	BENTON	1	0.7
23.0	JEFFERSON	2	1.4	49.0	CAMDEN	1	0.7
23.0	LAWRENCE	2	1.4	49.0	CARTER	1	0.7
23.0	LINCOLN	2	1.4	49.0	CASS	1	0.7
23.0	MC DONALD	2	1.4	49.0	CHRISTIAN	1	0.7
23.0	MARION	2	1.4	49.0	CLAY	1	0.7
23.0	MILLER	2	1.4				

2011 HAZARDOUS MATERIAL INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	7	9.7
2.5	ST. LOUIS	5	6.9
2.5	SPRINGFIELD	5	6.9
4.5	INDEPENDENCE	3	4.2
4.5	JOPLIN	3	4.2
6.5	COLUMBIA	2	2.8
6.5	HANNIBAL	2	2.8
30.0	BOLIVAR	1	1.4
30.0	BOURBON	1	1.4
30.0	BOWLING GREEN	1	1.4
30.0	BRANSON	1	1.4
30.0	BRIDGETON	1	1.4
30.0	CABOOL	1	1.4
30.0	CAPE GIRARDEAU	1	1.4
30.0	CARL JUNCTION	1	1.4
30.0	DESLOGE	1	1.4
30.0	DEXTER	1	1.4
30.0	ELLISVILLE	1	1.4
30.0	EUREKA	1	1.4
30.0	FARMINGTON	1	1.4
30.0	FENTON	1	1.4
30.0	FLORISSANT	1	1.4
30.0	GRANDVIEW	1	1.4
30.0	HAZELWOOD	1	1.4
30.0	HIGGINSVILLE	1	1.4
30.0	KENNET	1	1.4
30.0	LAKE OZARK	1	1.4
30.0	LOUISIANA	1	1.4
30.0	MEXICO	1	1.4
30.0	MONETT	1	1.4
30.0	NOEL	1	1.4
30.0	NORTH KANSAS CITY	1	1.4
30.0	NORTHWOODS	1	1.4
30.0	OAK GROVE	1	1.4
30.0	OSAGE BEACH	1	1.4
30.0	OWENSVILLE	1	1.4
30.0	OZARK	1	1.4
30.0	PERRYVILLE	1	1.4
30.0	RAYTOWN	1	1.4
30.0	RICHMOND HEIGHTS	1	1.4
30.0	RIVERSIDE	1	1.4
30.0	ROCKPORT	1	1.4
30.0	ST. CHARLES	1	1.4
30.0	ST. JAMES	1	1.4
30.0	ST. PETERS	1	1.4
30.0	SEDALIA	1	1.4
30.0	SULLIVAN	1	1.4
30.0	TROY	1	1.4
30.0	VALLEY PARK	1	1.4
30.0	VINTIA PARK	1	1.4
30.0	WELDON SPRINGS	1	1.4
30.0	WENTZVILLE	1	1.4

¹Percentage is based on hazardous material involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.4% 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.

2011 SUMMARY ANALYSIS

- Of all 2011 Missouri traffic crashes, 1.4% involved construction / other work zones. Of all fatal traffic crashes, 1.4% were construction / other work zone related. A total of 10 people were killed and 711 were injured in traffic crashes involving construction / other work zones.
- In 2011, one person was killed or injured in construction / other work zone involved traffic crashes every 12.2 hours in the State of Missouri.
- Of all 2011 construction / other work zone traffic crashes, the first harmful event in 75.1% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 12.7% of the cases, the first harmful event was a motor vehicle in transport striking a fixed object.
- Of all 2011 construction / other work zone traffic crashes, 71.1% occurred in urban areas and 28.9% occurred in rural areas of the State.
- Of all 2011 construction / other work zone traffic crashes, 27.8% occurred on an interstate highway.
- Of all vehicles in construction / other work zone traffic crashes, 52.0% were automobiles, 15.0% were pickup trucks, 15.4% were sport utility vehicles, and 9.7% were other types of trucks.
- Of the drivers in 2011 construction / other work zone related traffic crashes, 59.4% were male and 40.6% were female. The average age of the driver was 40.6 years.
- Of the drivers, 85.2% had a Missouri driver's license, 13.0% had an out-of-state driver's license, and 1.8% were unlicensed at the time of the crash.

2011 MISSOURI TRAFFIC CRASHES

CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹
									KILLED
									INJURED
CONSTRUCTION ZONE INVOLVED	7	1.0	421	1.2	1,241	1.2	1,669	1.2	7
WORK ZONE INVOLVED	3	0.4	66	0.2	211	0.2	280	0.2	3
NO CONSTRUCTION ZONE INVOLVED / UNKNOWN ²	706	98.6	34,954	98.6	105,357	98.6	141,017	98.6	776
TOTAL	716	100.0	35,441	100.0	106,809	100.0	142,966	100.0	786
									51,060

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

2010 and 2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASH ANALYSIS

	2010	2011	RATE OF CHANGE
FATAL	14	10	-28.6
PERSONAL INJURY	646	487	-24.6
PROPERTY DAMAGE	1,931	1,452	-24.8
TOTAL	2,591	1,949	-24.8

TABLE 3.12.2

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

TRAFFIC CONTROL BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CONSTRUCTION ZONE	7	70.0	421	86.5	1,241	85.5	1,669	85.6
OTHER WORK ZONE	3	30.0	66	13.5	211	14.5	280	14.4
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

TABLE 3.12.3

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	3	0.6	8	0.6	11	0.6
BICYCLIST	0	0.0	5	1.0	1	0.1	6	0.3
FIXED OBJECT	3	30.0	71	14.6	174	12.0	248	12.7
OTHER OBJECT	0	0.0	12	2.5	78	5.4	90	4.6
PEDESTRIAN	1	10.0	12	2.5	2	0.1	15	0.8
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	6	60.0	353	72.4	1,105	76.1	1,464	75.1
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	0	0.0	0	0.0
PARKED VEHICLE	0	0.0	2	0.4	44	3.0	46	2.4
NONCOLLISION OVERTURN	0	0.0	20	4.1	6	0.4	26	1.3
NONCOLLISION OTHER	0	0.0	9	1.9	34	2.3	43	2.2
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

TABLE 3.12.4

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	6	60.0	367	75.4	1,012	69.7	1,385	71.1
RURAL	4	40.0	120	24.6	440	30.3	564	28.9
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

TABLE 3.12.5

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	9	90.0	417	87.4	1,215	86.5	1,641	86.8
CURVE	1	10.0	60	12.6	189	13.5	250	13.2
UNKNOWN	0	-	10	-	48	-	58	-
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

TABLE 3.12.6

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	4	40.0	311	65.5	976	69.9	1,291	68.6
HILL	6	60.0	146	30.7	380	27.2	532	28.3
CREST	0	0.0	18	3.8	40	2.9	58	3.1
UNKNOWN	0	-	12	-	56	-	68	-
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

TABLE 3.12.7

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	7	77.8	420	87.3	1,265	88.3	1,692	88.0
WET	2	22.2	53	11.0	141	9.9	196	10.1
SNOW	0	0.0	2	0.5	13	0.9	15	0.8
ICE	0	0.0	4	0.8	9	0.6	13	0.7
SLUSH	0	0.0	1	0.2	1	0.1	2	0.1
MUD	0	0.0	0	0.0	1	0.1	1	0.1
STANDING WATER	0	0.0	1	0.2	0	0.0	1	0.1
MOVING WATER	0	0.0	0	0.0	2	0.1	2	0.1
UNKNOWN	1	-	6	-	20	-	27	-
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

TABLE 3.12.8

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	2	20.0	132	27.1	408	28.1	542	27.8
U.S. HIGHWAY	3	30.0	68	14.0	171	11.8	242	12.4
STATE NUMBERED	3	30.0	90	18.5	264	18.2	357	18.3
SINGLE STATE LETTERED	0	0.0	8	1.6	48	3.3	56	2.9
DOUBLE STATE LETTERED	0	0.0	1	0.2	18	1.2	19	1.0
OUTER ROAD	0	0.0	7	1.4	7	0.5	14	0.7
COUNTY ROAD	1	10.0	12	2.5	37	2.5	50	2.6
CITY STREET	1	10.0	168	34.5	487	33.5	656	33.6
INTERSTATE LOOP	0	0.0	0	0.0	1	0.1	1	0.1
OTHER ¹	0	0.0	1	0.2	11	0.8	12	0.6
TOTAL	10	100.0	487	100.0	1,452	100.0	1,949	100.0

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

TABLE 3.12.9

2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	74	3.8
FEBRUARY	62	3.2
MARCH	109	5.6
APRIL	167	8.6
MAY	218	11.2
JUNE	236	12.1
JULY	263	13.5
AUGUST	206	10.6
SEPTEMBER	201	10.3
OCTOBER	203	10.4
NOVEMBER	131	6.7
DECEMBER	79	4.1
TOTAL	1,949	100.0

TABLE 3.12.10

2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	120	6.2
MONDAY	235	12.1
TUESDAY	329	16.8
WEDNESDAY	331	17.0
THURSDAY	335	17.2
FRIDAY	355	18.2
SATURDAY	243	12.5
UNKNOWN	1	-
TOTAL	1,949	100.0

TABLE 3.12.11

2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	30	1.5
01:00A - 01:59A	18	0.9
02:00A - 02:59A	13	0.7
03:00A - 03:59A	25	1.3
04:00A - 04:59A	20	1.0
05:00A - 05:59A	16	0.8
06:00A - 06:59A	47	2.4
07:00A - 07:59A	106	5.5
08:00A - 08:59A	116	6.0
09:00A - 09:59A	103	5.3
10:00A - 10:59A	110	5.7
11:00A - 11:59A	129	6.6
NOON - 12:59P	138	7.1
01:00P - 01:59P	159	8.1
02:00P - 02:59P	144	7.4
03:00P - 03:59P	139	7.2
04:00P - 04:59P	146	7.5
05:00P - 05:59P	136	7.0
06:00P - 06:59P	76	3.9
07:00P - 07:59P	50	2.6
08:00P - 08:59P	51	2.6
09:00P - 09:59P	60	3.1
10:00P - 10:59P	64	3.3
11:00P - MIDNIGHT	49	2.5
UNKNOWN	4	--
TOTAL	1,949	100.0

TABLE 3.12.12

VEHICLES IN 2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	8	50.0	500	54.1	1,346	51.2	1,854	52.0
SPORT UTILITY VEHICLE	3	18.7	145	15.9	402	15.3	550	15.4
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	62	6.8	122	4.7	184	5.2
BUS	0	0.0	2	0.2	12	0.5	14	0.4
SCHOOL BUS	0	0.0	2	0.2	9	0.3	11	0.3
MOTORCYCLE	0	0.0	26	2.8	4	0.1	30	0.8
ALL TERRAIN VEHICLE	0	0.0	1	0.1	0	0.0	1	0.0
MOPED	0	0.0	1	0.1	0	0.0	1	0.0
BICYCLE	0	0.0	4	0.4	1	0.0	5	0.1
MOTOR HOME / CAMPER	0	0.0	0	0.0	3	0.1	3	0.1
FARM EQUIPMENT	0	0.0	0	0.0	3	0.1	3	0.1
CONSTRUCTION EQUIPMENT	0	0.0	4	0.4	23	0.9	27	0.8
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	5	0.2	5	0.1
PICKUP TRUCK	1	6.3	125	13.5	408	15.5	534	15.0
OTHER TRUCKS	4	25.0	52	5.6	288	11.0	344	9.7
VEHICLE TYPE UNKNOWN	0	-	5	-	9	-	14	-
TOTAL	16	100.0	929	100.0	2,635	100.0	3,580	100.0

TABLE 3.12.13

2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY¹

FATAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 10	TOTAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 1,949
VEHICLE DEFECTS 0.0	1.8
TRAFFIC CONTROL INOPERATIVE / MISSING 0.0	0.3
IMPROPERLY STOPPED ON ROADWAY 0.0	0.7
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS 40.0	14.3
IMPROPER PASSING 0.0	2.2
VIOLATION OF STOP SIGN 0.0	3.4
WRONG SIDE NOT PASSING 0.0	0.6
FOLLOWING TOO CLOSE 0.0	24.1
IMPROPER SIGNAL 0.0	0.1
IMPROPER BACKING 0.0	2.2
IMPROPER TURN 0.0	2.9
IMPROPER LANE USAGE / CHANGE 20.0	13.3
WRONG WAY ONE-WAY STREET 10.0	0.3
IMPROPER START FROM PARK 0.0	0.2
IMPROPERLY PARKED 0.0	0.0
FAILED TO YIELD 10.0	11.1
DRINKING 30.0	3.3
DRUGS 0.0	0.9
PHYSICAL IMPAIRMENT 0.0	1.6
INATTENTION 20.0	33.1

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 2011 Missouri fatal construction / other work zone crashes, it was found that in 30.0% of the crashes one or more drivers were drinking. In all construction / other work zone traffic crashes, 3.3% had one or more drivers who were drinking.

TABLE 3.12.14

VEHICLES IN 2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	1	0.0	1	0.0
KNOWN DRIVER INVOLVED	16	100.0	905	97.4	2,514	95.4	3,435	96.0
UNKNOWN DRIVER INVOLVED	0	0.0	24	2.6	120	4.6	144	4.0
TOTAL	16	100.0	929	100.0	2,635	100.0	3,580	100.0

TABLE 3.12.15

DRIVERS OF VEHICLES IN 2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	11	68.7	527	58.2	1,492	59.8	2,030	59.4
FEMALE	5	31.3	378	41.8	1,004	40.2	1,387	40.6
UNKNOWN	0	-	24	-	138	-	163	-
TOTAL	16	100.0	929	100.0	2,635	100.0	3,580	100.0

TABLE 3.12.16

DRIVERS OF VEHICLES IN 2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	48.9	-	40.7	-	40.5	-	40.6	-
14 YEARS AND UNDER	0	0.0	1	0.0	0	0.0	1	0.0
15 - 20 YEARS	0	0.0	109	12.2	287	11.5	396	11.7
21 - 25 YEARS	0	0.0	117	13.0	302	12.1	419	12.3
26 - 30 YEARS	0	0.0	91	10.1	272	11.0	363	10.7
31 - 35 YEARS	2	12.4	80	8.9	261	10.5	343	10.1
36 - 40 YEARS	1	6.3	66	7.5	229	9.2	296	8.7
41 - 45 YEARS	5	31.2	80	8.9	230	9.3	315	9.3
46 - 50 YEARS	1	6.3	84	9.4	191	7.7	276	8.1
51 - 55 YEARS	4	24.9	80	8.9	204	8.2	288	8.5
56 - 60 YEARS	1	6.3	57	6.4	163	6.6	221	6.5
61 - 65 YEARS	1	6.3	47	5.2	119	4.8	167	4.9
66 YEARS AND OVER	1	6.3	85	9.5	226	9.1	312	9.2
UNKNOWN	0	-	32	-	151	-	183	-
TOTAL	16	100.0	929	100.0	2,635	100.0	3,580	100.0

TABLE 3.12.17

DRIVERS OF VEHICLES IN 2011 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

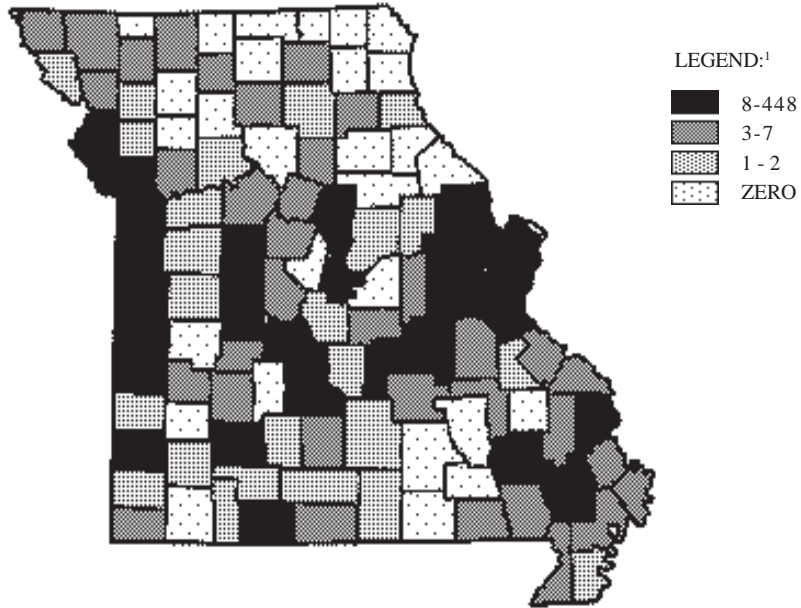
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	1	0.1	7	0.3	8	0.2
OPERATOR'S LICENSE	9	56.2	694	78.5	1,780	74.2	2,483	75.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	4	25.0	72	8.2	244	10.2	320	9.7
SUBTOTAL	13	81.2	767	86.8	2,031	84.7	2,811	85.2
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	1	6.3	78	8.8	239	10.0	318	9.7
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	2	12.5	19	2.2	88	3.7	109	3.3
SUBTOTAL	3	18.8	97	11.0	327	13.7	427	13.0
UNLICENSED	0	0.0	19	2.2	39	1.6	58	1.8
UNKNOWN	0	-	46	-	237	-	283	-
TOTAL	16	100.0	929	100.0	2,634	100.0	3,579	100.0

TABLE 3.12.18

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	448	23.0	19.5	WAYNE	11	0.6
2.0	ST LOUIS	349	17.9	21.5	BATES	10	0.5
3.0	GREENE	215	11.0	21.5	VERNON	10	0.5
4.0	ST CHARLES	171	8.8	24.5	LINCOLN	9	0.5
5.0	JEFFERSON	116	6.0	24.5	PHELPS	9	0.5
6.0	ST LOUIS CITY	99	5.1	24.5	STODDARD	9	0.5
7.0	CLAY	58	3.0	24.5	WARREN	9	0.5
8.0	BUCHANAN	39	2.0	28.0	CAPE GIRARDEAU	8	0.4
9.0	PLATTE	37	1.9	28.0	LACLEDE	8	0.4
10.5	CASS	26	1.3	28.0	PETTIS	8	0.4
10.5	TANEY	26	1.3				
12.0	FRANKLIN	22	1.1				First Quartile
13.0	CAMDEN	20	1.0				
14.0	JASPER	17	0.9	30.5	PULASKI	7	0.4
15.0	BOONE	14	0.7	30.5	ST FRANCOIS	7	0.4
17.0	COLE	12	0.6	33.5	DE KALB	6	0.3
17.0	CRAWFORD	12	0.6	33.5	JOHNSON	6	0.3
17.0	SCOTT	12	0.6	33.5	LAFAYETTE	6	0.3
19.5	BENTON	11	0.6	33.5	NEWTON	6	0.3
19.5	WAYNE	11	0.6	38.0	CALLAWAY	5	0.3
21.5	BATES	10	0.5	38.0	CHRISTIAN	5	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.0	LAWRENCE	5	0.3	77.0	MISSISSIPPI	1	0.1
38.0	MILLER	5	0.3	77.0	MORGAN	1	0.1
38.0	TEXAS	5	0.3	77.0	OZARK	1	0.1
43.0	CLINTON	4	0.2	77.0	PERRY	1	0.1
43.0	HOLT	4	0.2	77.0	RANDOLPH	1	0.1
43.0	MARION	4	0.2	77.0	RAY	1	0.1
43.0	MONTGOMERY	4	0.2	77.0	RIPLEY	1	0.1
43.0	STONE	4	0.2	77.0	STE GENEVIEVE	1	0.1
49.5	BARTON	3	0.2	77.0	SHELBY	1	0.1
49.5	CARROLL	3	0.2	77.0	WASHINGTON	1	0.1
49.5	DOUGLAS	3	0.2	77.0	WRIGHT	1	0.1
49.5	HENRY	3	0.2				
49.5	HOWELL	3	0.2				Third Quartile
49.5	MACON	3	0.2				
49.5	PEMISCOT	3	0.2				Fourth Quartile
49.5	WEBSTER	3	0.2				
			Second Quartile	101.5	AUDRAIN	0	.
				101.5	BARRY	0	.
				101.5	CALDWELL	0	.
				101.5	CARTER	0	.
			Third Quartile	101.5	CHARITON	0	.
60.0	ADAIR	2	0.1	101.5	CLARK	0	.
60.0	ATCHISON	2	0.1	101.5	DADE	0	.
60.0	BOLLINGER	2	0.1	101.5	DALLAS	0	.
60.0	BUTLER	2	0.1	101.5	DAVISS	0	.
60.0	CEDAR	2	0.1	101.5	KNOX	0	.
60.0	COOPER	2	0.1	101.5	LEWIS	0	.
60.0	DENT	2	0.1	101.5	LIVINGSTON	0	.
60.0	DUNKLIN	2	0.1	101.5	MADISON	0	.
60.0	HOWARD	2	0.1	101.5	MERCER	0	.
60.0	NEW MADRID	2	0.1	101.5	MONITEAU	0	.
60.0	NODAWAY	2	0.1	101.5	MONROE	0	.
60.0	POLK	2	0.1	101.5	OREGON	0	.
60.0	SALINE	2	0.1	101.5	OSAGE	0	.
77.0	ANDREW	1	0.1	101.5	PIKE	0	.
77.0	GASCONADE	1	0.1	101.5	PUTNAM	0	.
77.0	GENTRY	1	0.1	101.5	RALLS	0	.
77.0	GRUNDY	1	0.1	101.5	REYNOLDS	0	.
77.0	HARRISON	1	0.1	101.5	ST CLAIR	0	.
77.0	HICKORY	1	0.1	101.5	SCHUYLER	0	.
77.0	IRON	1	0.1	101.5	SCOTLAND	0	.
77.0	LINN	1	0.1	101.5	SHANNON	0	.
77.0	MC DONALD	1	0.1	101.5	SULLIVAN	0	.
77.0	MARIES	1	0.1	101.5	WORTH	0	.

TABLE 3.12.19

2011 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	KANSAS CITY	389	26.0
2.0	SPRINGFIELD	207	13.8
3.0	ST. LOUIS	99	6.6
4.0	ST. PETERS	74	4.9
5.5	INDEPENDENCE	59	3.9
5.5	MARYLAND HEIGHTS	59	3.9
7.0	CHESTERFIELD	47	3.1
8.0	ST. JOSEPH	38	2.5
9.0	LEE'S SUMMIT	36	2.4
10.0	SUNSET HILLS	27	1.8
11.0	BRANSON	21	1.4
12.0	BERKELEY	18	1.2

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 2011 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.

2011 SUMMARY ANALYSIS

- Of the drivers of automobiles, trucks, vans, and motor homes killed in 2011 Missouri traffic crashes, 32.6% were wearing seat belts. Of the passengers killed in these types of vehicles, 30.3% wore their seat belt. For drivers involved in traffic crashes not killed or injured, 97.5% were wearing their seat belt at the time of the crash.
- Of those drivers totally ejected from their vehicle, 3.4% were wearing their seat belts. Of those partially ejected, 56.6% were wearing seat belts. Of those not ejected, 96.1% were wearing seat belts.
- Of Missouri licensed drivers in 2011 traffic crashes, 95.9% were wearing seat belts compared to 98.2% of drivers licensed in other states. Of all unlicensed drivers, 80.7% were wearing seat belts at the time of the crash.

2011 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	135		279		37	451	
ROW %	32.6		67.4		-	100.0	
PASSENGER	44		101		19	164	
ROW %	30.3		69.7		-	100.0	
MAJOR DISABLING INJURY							
DRIVER	1,832		918		313	3,063	
ROW %	66.6		33.4		-	100.0	
PASSENGER	741		533		110	1,384	
ROW %	58.2		41.8		-	100.0	
EVIDENT INJURY							
DRIVER	8,978		1,962		1,226	12,166	
ROW %	82.1		17.9		-	100.0	
PASSENGER	3,480		1,193		470	5,143	
ROW %	74.5		25.5		-	100.0	
PROBABLE INJURY							
DRIVER	14,093		887		1,486	16,466	
ROW %	94.1		5.9		-	100.0	
PASSENGER	6,572		656		750	7,978	
ROW %	90.9		9.1		-	100.0	
NOT INJURED							
DRIVER	167,238		4,335		17,764	189,337	
ROW %	97.5		2.5		-	100.0	
PASSENGER	69,328		2,987		5,672	77,987	
ROW %	95.9		4.1		-	100.0	
INJURY UNKNOWN							
DRIVER	751		78		12,820	13,649	
ROW %	90.6		9.4		-	100.0	
PASSENGER	378		42		492	912	
ROW %	90.0		10.0		-	100.0	

TABLE 3.13.1

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

AREA CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
URBAN	134,087		3,717		26,962		164,766
ROW %		97.3		2.7		-	100.0
RURAL	58,940		4,742		6,684		70,366
ROW %		92.5		7.5		-	100.0
TOTAL	193,027		8,459		33,646		235,132
ROW %		95.8		4.2		-	100.0

TABLE 3.13.2

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

WEATHER CONDITIONS BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
CLEAR	120,837		5,393		22,381		148,611
ROW %		95.7		4.3		-	100.0
CLOUDY	46,475		2,180		6,176		54,831
ROW %		95.5		4.5		-	100.0
RAIN	13,597		441		2,480		16,518
ROW %		96.9		3.1		-	100.0
SNOW	5,790		205		1,094		7,089
ROW %		96.6		3.4		-	100.0
SLEET	490		19		119		628
ROW %		96.3		3.7		-	100.0
FREEZING	1,355		59		295		1,709
ROW %		95.8		4.2		-	100.0
FOG OR MIST	799		57		142		998
ROW %		93.3		6.7		-	100.0
INDETERMINATE	1,900		60		778		2,738
ROW %		96.9		3.1		-	100.0
UNKNOWN	1784		45		181		2,010
ROW %		97.5		2.5		-	100.0
TOTAL	193,027		8,459		33,646		235,132
ROW %		95.7		4.3		-	100.0

TABLE 3.13.3

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

HIGHWAY CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL
INTERSTATE	26,079		641		3,635		30,355
<i>ROW %</i>	<i>97.6</i>		<i>2.4</i>		<i>-</i>		<i>100.0</i>
U.S. HIGHWAY	19,982		910		1,858		22,750
<i>ROW %</i>	<i>95.6</i>		<i>4.4</i>		<i>-</i>		<i>100.0</i>
STATE NUMBERED	31,342		1,502		2,791		35,635
<i>ROW %</i>	<i>95.4</i>		<i>4.6</i>		<i>-</i>		<i>100.0</i>
SINGLE STATE LETTERED	8,950		885		704		10,539
<i>ROW %</i>	<i>91.0</i>		<i>9.0</i>		<i>-</i>		<i>100.0</i>
DOUBLE STATE LETTERED	3,985		332		381		4,698
<i>ROW %</i>	<i>92.3</i>		<i>7.7</i>		<i>-</i>		<i>100.0</i>
OUTER ROAD	1,594		48		151		1,793
<i>ROW %</i>	<i>97.1</i>		<i>2.9</i>		<i>-</i>		<i>100.0</i>
COUNTY ROAD	12,114		1,186		1,767		15,067
<i>ROW %</i>	<i>91.1</i>		<i>8.9</i>		<i>-</i>		<i>100.0</i>
CITY STREET	83,755		2,730		21,338		107,823
<i>ROW %</i>	<i>96.8</i>		<i>3.2</i>		<i>-</i>		<i>100.0</i>
INTERSTATE LOOP	429		8		36		473
<i>ROW %</i>	<i>98.2</i>		<i>1.8</i>		<i>-</i>		<i>100.0</i>
OTHER ¹	4,797		217		985		5,999
<i>ROW %</i>	<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>
TOTAL	193,027		8,459		33,646		235,132
<i>ROW %</i>	<i>95.8</i>		<i>4.2</i>		<i>-</i>		<i>100.0</i>

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

TABLE 3.13.4

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

MONTH OF YEAR BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL
JANUARY	16,386		745		2,773		19,904
ROW %		95.6		4.4		-	100.0
FEBRUARY	15,124		629		2,836		18,589
ROW %		96.0		4.0		-	100.0
MARCH	14,047		620		2,493		17,160
ROW %		95.8		4.2		-	100.0
APRIL	14,809		658		2,655		18,122
ROW %		95.7		4.3		-	100.0
MAY	16,539		693		2,962		20,194
ROW %		96.0		4.0		-	100.0
JUNE	15,837		764		2,702		19,303
ROW %		95.4		4.6		-	100.0
JULY	15,039		642		2,765		18,446
ROW %		95.9		4.1		-	100.0
AUGUST	16,382		690		2,847		19,919
ROW %		96.0		4.0		-	100.0
SEPTEMBER	16,572		724		2,787		20,083
ROW %		95.8		4.2		-	100.0
OCTOBER	17,530		743		2,949		21,222
ROW %		95.9		4.1		-	100.0
NOVEMBER	16,996		753		2,873		20,622
ROW %		95.8		4.2		-	100.0
DECEMBER	17,766		798		3,004		21,568
ROW %		95.7		4.3		-	100.0
TOTAL	193,027		8,459		33,646		235,132
ROW %		95.8		4.2		-	100.0

TABLE 3.13.5

2011 MISSOURI TRAFFIC CRASHES
DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES
DAY OF WEEK BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
SUNDAY	15,670		1,016		3,685		20,371	
<i>ROW %</i>		<i>93.9</i>		<i>6.1</i>		<i>-</i>		<i>100.0</i>
MONDAY	28,419		1,165		4,635		34,219	
<i>ROW %</i>		<i>96.1</i>		<i>3.9</i>		<i>-</i>		<i>100.0</i>
TUESDAY	30,679		1,186		4,764		36,629	
<i>ROW %</i>		<i>96.3</i>		<i>3.7</i>		<i>-</i>		<i>100.0</i>
WEDNESDAY	29,967		1,169		4,727		35,863	
<i>ROW %</i>		<i>96.2</i>		<i>3.8</i>		<i>-</i>		<i>100.0</i>
THURSDAY	30,125		1,260		5,054		36,439	
<i>ROW %</i>		<i>96.0</i>		<i>4.0</i>		<i>-</i>		<i>100.0</i>
FRIDAY	34,619		1,332		5,785		41,736	
<i>ROW %</i>		<i>96.3</i>		<i>3.7</i>		<i>-</i>		<i>100.0</i>
SATURDAY	23,531		1,330		4,956		29,817	
<i>ROW %</i>		<i>94.6</i>		<i>5.4</i>		<i>-</i>		<i>100.0</i>
UNKNOWN	17		1		40		58	
<i>ROW %</i>		<i>94.4</i>		<i>5.6</i>		<i>-</i>		<i>100.0</i>
TOTAL	193,027		8,459		33,646		235,132	
<i>ROW %</i>		<i>95.8</i>		<i>4.2</i>		<i>-</i>		<i>100.0</i>

TABLE 3.13.6

2011 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>	5,320	87.6	752	12.4	2,481	-	8,553 <i>100.0</i>
03:00A - 05:59A <i>ROW %</i>	3,838	90.5	401	9.5	1,281	-	5,520 <i>100.0</i>
06:00A - 08:59A <i>ROW %</i>	25,909	96.6	906	3.4	3,636	-	30,451 <i>100.0</i>
09:00A - 11:59A <i>ROW %</i>	27,343	96.3	1,052	3.7	4,176	-	32,571 <i>100.0</i>
NOON - 02:59P <i>ROW %</i>	40,244	96.4	1,481	3.6	6,020	-	47,745 <i>100.0</i>
03:00P - 05:59P <i>ROW %</i>	54,687	96.7	1,843	3.3	8,143	-	64,673 <i>100.0</i>
06:00P - 08:59P <i>ROW %</i>	24,055	95.5	1,138	4.5	4,350	-	29,543 <i>100.0</i>
09:00P - MIDNGT <i>ROW %</i>	11,339	93.1	844	6.9	3,213	-	15,396 <i>100.0</i>
UNKNOWN <i>ROW %</i>	292	87.4	42	12.6	346	-	680 <i>100.0</i>
TOTAL <i>ROW %</i>	193,027	95.8	8,459	4.2	33,646	-	235,132 <i>100.0</i>

TABLE 3.13.7

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

SEX OF DRIVER BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
MALE	102,186		5,615		13,274		121,075	
ROW %		94.8		5.2		-		100.0
FEMALE	89,382		2,803		9,153		101,338	
ROW %		97.0		3.0		-		100.0
UNKNOWN	1,459		41		11,219		12,719	
ROW %		97.3		2.7		-		100.0
TOTAL	193,027		8,459		33,646		235,132	
ROW %		95.8		4.2		-		100.0

TABLE 3.13.8

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER EJECTION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
TOTAL EJECTION	14		397		22		433	
ROW %		3.4		96.6		-		100.0
PARTIAL EJECTION	162		124		45		331	
ROW %		56.6		43.4		-		100.0
NO EJECTION	190,663		7,828		22,345		220,836	
ROW %		96.1		3.9		-		100.0
UNKNOWN	2,188		110		11,234		13,532	
ROW %		95.2		4.8		-		100.0
TOTAL	193,027		8,459		33,646		235,132	
ROW %		95.7		4.3		-		100.0

TABLE 3.13.9

2011 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	39.5	-	34.8	-	38.0	-	39.2	-
14 YEARS AND UNDER	31		20		16		67	
ROW %		60.8		39.2		-		100.0
15 - 20 YEARS	29,237		1,726		2,897		33,860	
ROW %		94.4		5.6		-		100.0
21 - 25 YEARS	24,991		1,521		3,194		29,706	
ROW %		94.3		5.7		-		100.0
26 - 30 YEARS	20,818		1,122		2,613		24,553	
ROW %		94.9		5.1		-		100.0
31 - 35 YEARS	17,392		793		2,051		20,236	
ROW %		95.6		4.4		-		100.0
36 - 40 YEARS	15,727		567		1,723		18,017	
ROW %		96.5		3.5		-		100.0
41 - 45 YEARS	15,236		544		1,596		17,376	
ROW %		96.5		3.5		-		100.0
46 - 50 YEARS	16,175		528		1,660		18,363	
ROW %		96.8		3.2		-		100.0
51 - 55 YEARS	14,784		464		1,547		16,795	
ROW %		97.0		3.0		-		100.0
56 - 60 YEARS	12,074		342		1,159		13,575	
ROW %		97.2		2.8		-		100.0
61 - 65 YEARS	9,092		245		837		10,174	
ROW %		97.4		2.6		-		100.0
66 YEARS AND OVER	17,016		503		1,409		18,928	
ROW %		97.1		2.9		-		100.0
UNKNOWN	454		84		12,944		13,482	
ROW %		84.4		15.6		-		100.0
TOTAL	193,027		8,459		33,646		235,132	
ROW %		95.8		4.2		-		100.0

TABLE 3.13.10

2011 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	792	58	120	970
ROW %	93.2	6.8	-	100.0
OPERATOR'S LICENSE	154,376	6,469	14,810	175,655
ROW %	96.0	4.0	-	100.0
MOTORCYCLE ONLY	6	0	0	6
ROW %	100.0	0.0	-	100.0
COMMERCIAL DRIVER'S LICENSE	10,003	542	927	11,472
ROW %	94.9	5.1	-	100.0
SUBTOTAL	165,177	7,069	15,857	188,103
ROW %	95.9	4.1	-	100.0
OUT STATE				
LEARNER'S PERMIT	26	1	4	31
ROW %	96.3	3.7	-	100.0
OPERATOR'S LICENSE	16,215	296	1,680	18,191
ROW %	98.2	1.8	-	100.0
MOTORCYCLE ONLY	1	0	0	1
ROW %	100.0	0.0	-	100.0
COMMERCIAL DRIVER'S LICENSE	3,244	56	283	3,583
ROW %	98.3	1.7	-	100.0
SUBTOTAL	19,486	353	1,967	21,806
ROW %	98.2	1.8	-	100.0
UNLICENSED	3,248	776	1,093	5,117
ROW %	80.7	19.3	-	100.0
UNKNOWN	5,116	261	14,729	20,106
ROW %	95.1	4.9	-	100.0
TOTAL	193,027	8,459	33,646	235,132
ROW %	95.8	4.2	-	100.0

TABLE 3.13.11

2011 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 ROW %	107,650	96.2	4,197	3.8	19,371	-	131,218	100.0
SPORT UTILITY VEHICLE ROW %	35,389	96.7	1,201	3.3	5,107	-	41,697	100.0
LIMOUSINE ROW %	37	94.9	2	5.1	12	-	51	100.0
VAN ROW %	12,585	96.8	415	3.2	1,956	-	14,956	100.0
MOTOR HOME / CAMPER ROW %	75	96.1	3	3.9	10	-	88	100.0
TRUCK ROW %	37,291	93.4	2,641	6.6	7,190	-	47,122	100.0
TOTAL ROW %	193,027	95.8	8,459	4.2	33,646	-	235,132	100.0

TABLE 3.13.12

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER INTOXICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
DRINKING ROW %	2,576	67.5	1,241	32.5	1,541	-	5,358	100.0
DRUGS ROW %	452	70.1	193	29.9	171	-	816	100.0
DRINKING AND DRUGS ROW %	167	63.7	95	36.3	116	-	378	100.0
NO DRINKING / DRUGS ROW %	187,270	96.5	6,868	3.5	29,561	-	223,699	100.0
UNKNOWN ROW %	2,562	97.6	62	2.4	2,257	-	4,881	100.0
TOTAL ROW %	193,027	95.8	8,459	4.2	33,646	-	235,132	100.0

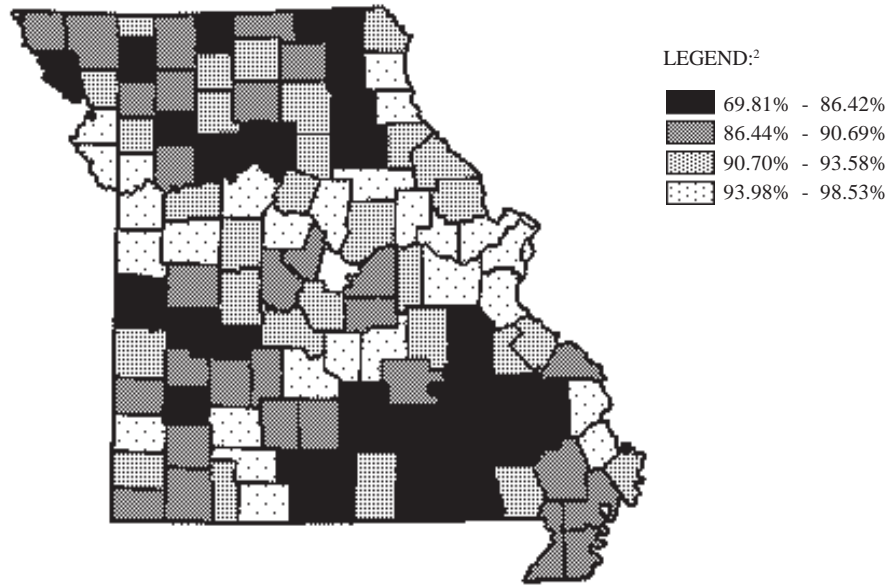
TABLE 3.13.13

2011 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

SEAT BELT USAGE RATES¹

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
1.0	MERCER	69.81	20.0	HICKORY	85.11
2.0	SHANNON	73.86	21.0	WASHINGTON	85.19
3.0	BOLLINGER	78.82	22.0	OZARK	85.29
4.0	IRON	79.47	23.0	SCOTLAND	85.45
5.0	RIPLEY	79.94	24.0	DADE	85.48
6.0	MADISON	80.73	25.0	MONROE	86.05
7.0	WAYNE	80.74	26.0	HOLT	86.23
8.0	CHARITON	81.25	27.0	KNOX	86.36
9.0	CALDWELL	82.26	28.0	BATES	86.42
10.0	ST CLAIR	82.35			First Quartile
11.0	GENTRY	82.80			-----
12.0	REYNOLDS	83.61			Second Quartile
13.0	CARROLL	83.87	29.0	SULLIVAN	86.44
14.0	SHELBY	84.21	30.0	DALLAS	86.73
15.0	DOUGLAS	84.29	31.0	WRIGHT	86.78
16.0	TEXAS	84.56	32.0	STODDARD	86.93
17.0	SCHUYLER	84.75	33.0	LINN	87.10
18.0	CARTER	84.81	34.0	HARRISON	87.12
19.0	OREGON	85.05	35.0	BARRY	87.45

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
36.0	BARTON	87.65	76.0	ADAIR	92.46
37.0	POLK	87.84	77.0	NEWTON	92.60
38.0	OSAGE	88.24	78.0	CLINTON	92.70
39.0	PUTNAM	88.46	79.0	ANDREW	92.83
40.0	MARIES	88.57	80.0	MACON	93.00
41.0	MORGAN	88.83	81.0	BUTLER	93.09
42.0	MC DONALD	88.92	82.0	CALLAWAY	93.11
43.0	RAY	88.94	83.0	HOWARD	93.33
44.0	DENT	88.96	84.0	CAMDEN	93.37
45.0	ATCHISON	89.06	85.0	LAFAYETTE	93.45
46.0	WEBSTER	89.34	86.0	PETTIS	93.58
47.0	NODAWAY	89.56			Third Quartile
48.0	DE KALB	89.79			
49.0	DUNKLIN	89.81			
50.0	MONITEAU	89.82			Fourth Quartile
51.0	DAVIESS	89.86	87.0	COOPER	93.98
52.0	LAWRENCE	90.34	88.0	PULASKI	94.00
53.0	CEDAR	90.56	89.0	MONTGOMERY	94.13
54.5	HENRY	90.57	90.0	SCOTT	94.19
54.5	PEMISCOT	90.57	91.0	BUCHANAN	94.29
56.0	NEW MADRID	90.60	92.0	AUDRAIN	94.65
57.0	PERRY	90.69	93.0	WARREN	94.89
		Second Quartile	94.0	PHELPS	95.03
			95.0	LACLEDE	95.06
		Third Quartile	96.0	SALINE	95.10
58.0	PIKE	90.70	97.0	COLE	95.12
59.0	GASCONADE	90.71	98.0	JASPER	95.30
60.0	CRAWFORD	90.84	99.0	JOHNSON	95.34
61.0	MISSISSIPPI	90.85	100.0	FRANKLIN	95.45
62.0	MILLER	90.99	101.0	LEWIS	95.83
63.0	RALLS	91.23	102.0	CHRISTIAN	95.96
64.0	VERNON	91.33	103.0	JEFFERSON	96.15
65.0	WORTH	91.43	104.0	CASS	96.17
66.0	STE GENEVIEVE	91.57	105.0	BOONE	96.26
67.0	HOWELL	91.59	106.0	TANEY	96.38
68.0	STONE	91.63	107.0	JACKSON	96.45
69.0	ST FRANCOIS	91.83	108.0	MARION	96.57
70.0	LIVINGSTON	92.02	109.0	CLAY	97.04
71.0	RANDOLPH	92.03	110.0	ST CHARLES	97.15
72.0	GRUNDY	92.06	111.0	GREENE	97.26
73.0	BENTON	92.20	112.0	CAPE GIRARDEAU	97.32
74.0	LINCOLN	92.22	113.0	PLATTE	97.69
75.0	CLARK	92.25	114.0	ST LOUIS	98.27
			115.0	ST LOUIS CITY	98.53

¹ This table contains a ranking of Missouri counties by the driver seat belt usage rates associated with 2011 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/MOTORHOME OCCUPANTS UNDER THE AGE OF FOUR YEARS

KILLED AND INJURED IN MISSOURI TRAFFIC CRASHES

1981-1983 AVERAGE COMPARED TO 1984-2010 AVERAGE AND 2011¹

	1981 - 1983 AVERAGE	1985 - 2010 AVERAGE	% OF CHANGE 1981 - 1983 AVERAGE	2011	% OF CHANGE 1981 - 1983 AVERAGE
KILLED	11	9	- 18.2	4	-63.6
MAJOR DISABLING	71	71	0.0	25	-64.8
EVIDENT	626	413	- 34.0	200	-68.1
PROBABLE	464	473	+ 1.9	379	-18.3
TOTAL	1,172	966	- 17.6	608	-48.1

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 2011 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 2011 TRAFFIC CRASHES OCCURRING IN A GIVEN COMMUNITY ARE DISPLAYED REGARDLESS OF THE LAW ENFORCEMENT AGENCY THAT INVESTIGATED THE TRAFFIC CRASH.

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
ADAIR CO	FATAL	2	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	111	16	10	22	44	11	5	1	4	5	25	1	1
	DAMAGE	286	34	7	80	91	20	2	0	1	0	47	0	1
	TOTAL	399	51	17	103	135	31	7	1	5	5	73	1	2
KIRKSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	67	7	4	11	31	3	4	0	3	4	8	0	0
	DAMAGE	234	21	4	68	81	14	0	0	1	0	29	0	1
	TOTAL	301	28	8	79	112	17	4	0	4	4	37	0	1
POP UNDER 1000	FATAL	2	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	44	9	6	11	13	8	1	1	1	1	17	1	1
	DAMAGE	52	13	3	12	10	6	2	0	0	0	18	0	0
	TOTAL	98	23	9	24	23	14	3	1	1	1	36	1	1
ANDREW CO	FATAL	2	1	2	1	0	0	0	0	0	0	2	0	0
	INJURY	72	20	9	20	24	9	2	2	0	0	26	1	0
	DAMAGE	156	36	9	49	46	29	2	4	0	0	44	0	1
	TOTAL	230	57	20	70	70	38	4	6	0	0	72	1	1
COUNTRY CLUB VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	14	4	2	7	1	0	0	0	0	0	6	0	0
	TOTAL	18	4	2	8	2	0	0	0	0	0	7	0	0
SAVANNAH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	1	4	3	1	0	1	0	0	1	0	0
	DAMAGE	41	4	1	18	15	3	1	1	0	0	4	0	0
	TOTAL	49	6	2	22	18	4	1	2	0	0	5	0	0
POP UNDER 1000	FATAL	2	1	2	1	0	0	0	0	0	0	2	0	0
	INJURY	59	18	8	15	19	8	2	1	0	0	24	1	0
	DAMAGE	101	28	6	24	30	26	1	3	0	0	34	0	1
	TOTAL	162	47	16	40	49	34	3	4	0	0	60	1	1
ATCHISON CO	FATAL	1	1	1	0	0	0	1	0	0	0	1	0	0
	INJURY	32	10	3	6	6	4	3	0	1	0	14	0	0
	DAMAGE	78	20	2	12	22	27	0	0	0	0	28	2	2
	TOTAL	111	31	6	18	28	31	4	0	1	0	43	2	2
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	1	0	0
	DAMAGE	7	1	0	2	1	5	0	0	0	0	2	1	0
	TOTAL	8	1	0	2	2	5	0	0	0	0	3	1	0
TARKIO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	1	0	0	0	1	0	0	0	0
	DAMAGE	9	1	0	4	4	2	0	0	0	0	2	0	1
	TOTAL	13	2	0	6	5	2	0	0	1	0	2	0	1
POP UNDER 1000	FATAL	1	1	1	0	0	0	1	0	0	0	1	0	0
	INJURY	27	9	3	4	4	4	3	0	0	0	13	0	0
	DAMAGE	62	18	2	6	17	20	0	0	0	0	24	1	1
	TOTAL	90	28	6	10	21	24	4	0	0	0	38	1	1
AUDRAIN CO	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	107	28	12	22	35	13	7	0	1	4	43	0	0
	DAMAGE	343	46	6	80	135	50	1	3	1	0	66	2	0
	TOTAL	451	75	18	102	170	63	8	3	2	4	110	2	0
MEXICO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	32	8	2	8	9	2	2	0	0	3	8	0	0
	DAMAGE	201	11	3	46	88	26	0	2	1	0	24	1	0
	TOTAL	233	19	5	54	97	28	2	2	1	3	32	1	0
VANDALIA	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	2	0	0
	DAMAGE	23	2	1	6	10	3	0	1	0	0	4	0	0
	TOTAL	25	3	1	7	11	3	0	1	0	0	6	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	73	19	10	13	25	11	5	0	1	1	33	0	0
	DAMAGE	119	33	2	28	37	21	1	0	0	0	38	1	0
	TOTAL	193	53	12	41	62	32	6	0	1	1	72	1	0
BARRY CO	FATAL	8	4	5	0	3	2	1	0	0	1	2	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	185	60	35	39	70	15	21	0	1	3	79	0	0
	DAMAGE	399	73	31	94	119	36	1	3	0	1	111	1	0
	TOTAL	592	137	71	133	192	53	23	3	1	5	192	1	0
CASSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	1	1	3	9	3	0	0	0	1	1	0	0
	DAMAGE	57	5	2	22	22	2	0	0	0	0	6	0	0
	TOTAL	70	6	3	25	31	5	0	0	0	1	7	0	0
MONETT/BAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	2	2	8	9	4	2	0	0	1	4	0	0
	DAMAGE	116	4	7	25	37	8	0	1	0	0	14	1	0
	TOTAL	141	6	9	33	46	12	2	1	0	1	18	1	0
PURDY	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	8	1	0	3	4	0	0	0	0	0	2	0	0
	TOTAL	11	1	0	4	5	1	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	8	4	5	0	3	2	1	0	0	1	2	0	0
	INJURY	144	57	32	27	51	7	19	0	1	1	74	0	0
	DAMAGE	218	63	22	44	56	26	1	2	0	1	89	0	0
	TOTAL	370	124	59	71	110	35	21	2	1	3	165	0	0
BARTON CO	FATAL	3	2	1	0	2	0	0	0	0	0	1	0	0
	INJURY	52	14	4	10	19	8	7	0	0	2	22	0	2
	DAMAGE	135	23	5	29	53	17	0	0	0	0	36	1	1
	TOTAL	190	39	10	39	74	25	7	0	0	2	59	1	3
LAMAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	2	3	3	1	1	0	0	1	1	0	0
	DAMAGE	36	2	1	12	18	3	0	0	0	0	6	0	0
	TOTAL	47	3	3	15	21	4	1	0	0	1	7	0	0
POP UNDER 1000	FATAL	3	2	1	0	2	0	0	0	0	0	1	0	0
	INJURY	41	13	2	7	16	7	6	0	0	1	21	0	2
	DAMAGE	99	21	4	17	35	14	0	0	0	0	30	1	1
	TOTAL	143	36	7	24	53	21	6	0	0	1	52	1	3
BATES CO	FATAL	4	2	1	2	3	0	0	0	0	0	3	0	0
	INJURY	57	22	7	12	18	9	6	1	2	0	27	0	0
	DAMAGE	186	48	6	43	63	32	0	2	0	0	58	0	10
	TOTAL	247	72	14	57	84	41	6	3	2	0	88	0	10
ADRIAN	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	10	0	0	5	4	1	0	0	0	0	1	0	0
	TOTAL	10	0	0	5	4	1	0	0	0	0	1	0	0
BUTLER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	1	3	1	1	0	1	0	0	0	0
	DAMAGE	50	6	1	13	24	8	0	0	0	0	8	0	5
	TOTAL	56	6	1	14	27	9	1	0	1	0	8	0	5
DREXEL/BAT	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	1	0	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	2	0	0	0	0	0	0	0	0	0	2	0	0
RICH HILL	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	1	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	0	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	4	2	1	2	3	0	0	0	0	0	3	0	0
	INJURY	50	22	7	11	15	8	5	1	1	0	26	0	0
	DAMAGE	123	42	5	24	35	22	0	2	0	0	48	0	5
	TOTAL	177	66	13	37	53	30	5	3	1	0	77	0	5
BENTON CO	FATAL	5	1	1	3	2	1	0	0	0	0	1	0	0
	INJURY	93	30	13	17	27	6	9	0	1	3	43	1	2
	DAMAGE	240	45	13	47	100	22	1	2	0	0	70	0	9
	TOTAL	338	76	27	67	129	29	10	2	1	3	114	1	11
COLE CAMP	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	16	0	1	3	5	0	0	0	0	0	3	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	17	0	1	3	5	0	0	0	0	0	4	0	0
LINCOLN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	16	0	2	2	10	3	0	0	0	0	2	0	1
	TOTAL	18	1	2	3	10	3	0	0	0	0	3	0	1
WARSAW	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	6	2	1	3	3	0	0	0	0	1	2	0	0
	DAMAGE	39	4	1	6	21	1	1	0	0	0	6	0	1
	TOTAL	46	6	2	10	24	1	1	0	0	1	8	0	1
POP UNDER 1000	FATAL	4	1	1	2	2	1	0	0	0	0	1	0	0
	INJURY	84	27	12	13	24	6	9	0	1	2	39	1	2
	DAMAGE	169	41	9	36	64	18	0	2	0	0	59	0	7
	TOTAL	257	69	22	51	90	25	9	2	1	2	99	1	9
BOLLINGER CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	49	13	10	10	10	5	4	0	0	0	21	0	1
	DAMAGE	103	27	8	30	27	8	0	1	0	0	41	0	1
	TOTAL	152	40	18	40	37	13	4	1	0	0	62	0	2
MARBLE HILL	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	28	1	0	6	12	2	0	1	0	0	4	0	0
	TOTAL	29	1	0	6	12	2	0	1	0	0	4	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	48	13	10	10	10	5	4	0	0	0	21	0	1
	DAMAGE	75	26	8	24	15	6	0	0	0	0	37	0	1
	TOTAL	123	39	18	34	25	11	4	0	0	0	58	0	2
BOONE CO	FATAL	8	4	6	4	2	0	1	0	0	2	5	0	0
	INJURY	748	135	53	213	202	48	40	2	32	27	152	0	4
	DAMAGE	1556	276	90	412	355	152	8	8	3	2	366	4	10
	TOTAL	2312	415	149	629	559	200	49	10	35	31	523	4	14
ASHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	0	0	4	1	1	0	0	0	1	0	0
	DAMAGE	25	8	0	8	6	1	0	1	0	0	5	0	0
	TOTAL	33	10	0	8	10	2	1	1	0	0	6	0	0
CENTRALIA/BOO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	1	0	0	1	1	0	0	0
	DAMAGE	38	7	1	10	13	6	1	0	0	0	7	0	0
	TOTAL	42	7	1	11	14	7	1	0	1	1	7	0	0
COLUMBIA	FATAL	3	2	3	1	1	0	1	0	0	2	1	0	0
	INJURY	525	65	31	154	140	29	18	1	30	23	63	0	0
	DAMAGE	1057	133	71	296	245	100	5	7	3	2	173	2	4
	TOTAL	1585	200	105	451	386	129	24	8	33	27	237	2	4
STURGEON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	1	0	0	0	0	0	0
	DAMAGE	4	1	0	1	1	0	0	0	0	0	1	0	0
	TOTAL	5	1	0	1	1	0	1	0	0	0	1	0	0
POP UNDER 1000	FATAL	5	2	3	3	1	0	0	0	0	0	4	0	0
	INJURY	210	68	22	58	57	17	20	1	1	3	88	0	4
	DAMAGE	432	127	18	97	90	45	2	0	0	0	180	2	6
	TOTAL	647	197	43	158	148	62	22	1	1	3	272	2	10
BUCHANAN CO	FATAL	4	2	2	1	0	0	0	0	0	0	0	0	0
	INJURY	861	102	34	254	257	97	45	3	9	35	140	0	17
	DAMAGE	1791	264	60	418	469	276	14	7	0	1	374	0	22
	TOTAL	2656	368	96	673	726	373	59	10	9	36	514	0	39
GOWER/BUC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	3	0	0	2	0	0	0	0	1	3	0	0
	DAMAGE	5	2	0	3	0	0	0	0	0	0	2	0	0
	TOTAL	10	5	0	3	2	0	0	0	0	1	5	0	0
ST. JOSEPH	FATAL	4	2	2	1	0	0	0	0	0	0	0	0	0
	INJURY	784	76	31	240	234	78	40	3	9	33	103	0	17
	DAMAGE	1614	202	55	382	433	237	13	7	0	1	287	0	21
	TOTAL	2402	280	88	623	667	315	53	10	9	34	390	0	38

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	73	23	3	14	22	19	5	0	0	1	34	0	0
	DAMAGE	172	60	5	33	36	39	1	0	0	0	85	0	1
	TOTAL	245	83	8	47	58	58	6	0	0	1	119	0	1
BUTLER CO	FATAL	7	3	2	1	2	1	1	0	0	1	2	0	0
	INJURY	323	51	16	75	104	20	12	2	6	12	74	1	0
	DAMAGE	963	87	37	211	338	57	4	8	2	1	175	3	2
	TOTAL	1293	141	55	287	444	78	17	10	8	14	251	4	2
POPLAR BLUFF	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	179	15	1	41	60	7	3	2	4	9	22	0	0
	DAMAGE	650	32	9	148	249	23	2	5	1	1	58	0	0
	TOTAL	829	47	10	189	309	30	5	7	5	10	80	0	0
POP UNDER 1000	FATAL	7	3	2	1	2	1	1	0	0	1	2	0	0
	INJURY	144	36	15	34	44	13	9	0	2	3	52	1	0
	DAMAGE	313	55	28	63	89	34	2	3	1	0	117	3	2
	TOTAL	464	94	45	98	135	48	12	3	3	4	171	4	2
CALDWELL CO	FATAL	5	1	1	3	2	1	0	0	0	0	3	0	0
	INJURY	28	15	3	11	4	3	0	0	0	0	15	0	0
	DAMAGE	58	12	1	14	15	12	0	0	0	0	15	0	0
	TOTAL	91	28	5	28	21	16	0	0	0	0	33	0	0
HAMILTON	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	9	0	0	3	2	1	0	0	0	0	1	0	0
	TOTAL	9	0	0	3	2	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	5	1	1	3	2	1	0	0	0	0	3	0	0
	INJURY	28	15	3	11	4	3	0	0	0	0	15	0	0
	DAMAGE	49	12	1	11	13	11	0	0	0	0	14	0	0
	TOTAL	82	28	5	25	19	15	0	0	0	0	32	0	0
CALLAWAY CO	FATAL	9	3	2	1	5	2	1	1	0	2	4	0	0
	INJURY	233	67	32	49	71	18	14	3	3	2	94	0	2
	DAMAGE	801	234	28	173	198	95	1	5	0	0	296	0	3
	TOTAL	1043	304	62	223	274	115	16	9	3	4	394	0	5
FULTON	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	49	8	5	12	15	4	2	1	1	0	9	0	0
	DAMAGE	231	43	9	55	73	14	1	1	0	0	41	0	1
	TOTAL	281	51	14	67	89	19	3	2	1	0	50	0	1
HOLTS SUMMIT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	2	2	0	0	0	0	0	0	0	1	0	0
	DAMAGE	41	7	1	10	8	7	0	1	0	0	5	0	0
	TOTAL	46	9	3	10	8	7	0	1	0	0	6	0	0
JEFF CITY/CAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	4	1	3	7	2	0	1	0	0	6	0	0
	DAMAGE	31	10	2	5	6	6	0	0	0	0	12	0	0
	TOTAL	50	14	3	8	13	8	0	1	0	0	18	0	0
POP UNDER 1000	FATAL	8	3	2	1	4	1	1	1	0	2	4	0	0
	INJURY	160	53	24	34	49	12	12	1	2	2	78	0	2
	DAMAGE	498	174	16	103	111	68	0	3	0	0	238	0	2
	TOTAL	666	230	42	138	164	81	13	5	2	4	320	0	4
CAMDEN CO	FATAL	5	1	3	1	2	0	1	0	0	0	3	0	0
	INJURY	226	59	25	56	80	17	19	1	1	3	93	1	2
	DAMAGE	588	83	16	132	232	42	6	0	0	0	141	0	18
	TOTAL	819	143	44	189	314	59	26	1	1	3	237	1	20
CAMDENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	37	3	3	8	12	2	1	0	1	0	7	0	0
	DAMAGE	143	5	5	35	70	9	3	0	0	0	14	0	1
	TOTAL	180	8	8	43	82	11	4	0	1	0	21	0	1
FOUR SEASONS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	3	0	1	0	0	0	0	0	0	0	2	0	1
	TOTAL	6	0	1	0	2	0	0	0	0	0	2	0	1
LAKE OZA/CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	1	1	5	0	0	0	0	0	3	0	1

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL-BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
OSAGE BEA/CAM	DAMAGE	25	2	0	4	9	0	1	0	0	0	4	0	0
	TOTAL	32	4	1	5	14	0	1	0	0	0	7	0	1
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	58	7	2	21	21	9	3	0	0	0	14	1	1
	DAMAGE	193	15	1	47	83	14	0	0	0	0	21	0	8
TOTAL	251	22	3	68	104	23	3	0	0	0	35	1	9	
RICHLAND/CAM	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	1	0	0	0	0	1	0	0
	TOTAL	2	0	0	0	0	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	5	1	3	1	2	0	1	0	0	0	3	0	0
	INJURY	121	47	19	26	40	6	15	1	0	3	69	0	0
	DAMAGE	222	61	9	46	70	18	2	0	0	0	99	0	8
	TOTAL	348	109	31	73	112	24	18	1	0	3	171	0	8
CAPE GIRARDEAU CO	FATAL	6	3	0	1	2	2	0	0	0	0	4	1	1
	INJURY	442	64	22	123	140	24	25	1	2	10	95	0	1
	DAMAGE	2207	247	31	594	714	137	9	4	2	1	306	1	6
	TOTAL	2655	314	53	718	856	163	34	5	4	11	405	2	8
CAPE GIR/CAP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	263	26	6	71	95	10	14	1	2	8	33	0	0
	DAMAGE	1639	153	16	430	553	81	8	1	1	0	187	1	5
	TOTAL	1902	179	22	501	648	91	22	2	3	8	220	1	5
JACKSON	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	1
	INJURY	72	12	3	22	28	7	4	0	0	1	9	0	0
	DAMAGE	339	49	3	109	108	32	1	2	1	1	46	0	0
	TOTAL	413	62	6	131	137	40	5	2	1	2	56	0	1
POP UNDER 1000	FATAL	4	2	0	1	1	1	0	0	0	0	3	1	0
	INJURY	107	26	13	30	17	7	7	0	0	1	53	0	1
	DAMAGE	229	45	12	55	53	24	0	1	0	0	73	0	1
	TOTAL	340	73	25	86	71	32	7	1	0	1	129	1	2
CARROLL CO	FATAL	3	1	2	1	0	0	0	0	0	0	3	0	0
	INJURY	41	12	3	13	12	3	5	0	0	1	18	0	1
	DAMAGE	77	16	3	12	19	8	0	0	0	0	18	0	2
	TOTAL	121	29	8	26	31	11	5	0	0	1	39	0	3
CARROLLTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	3	2	1	0	0	0	0	3	0	0
	DAMAGE	32	1	1	8	10	0	0	0	0	0	4	0	0
	TOTAL	37	2	1	11	12	1	0	0	0	0	7	0	0
POP UNDER 1000	FATAL	3	1	2	1	0	0	0	0	0	0	3	0	0
	INJURY	36	11	3	10	10	2	5	0	0	1	15	0	1
	DAMAGE	45	15	2	4	9	8	0	0	0	0	14	0	2
	TOTAL	84	27	7	15	19	10	5	0	0	1	32	0	3
CARTER CO	FATAL	2	1	1	0	1	1	0	0	0	0	1	0	0
	INJURY	36	17	8	7	8	5	4	0	0	0	16	0	0
	DAMAGE	93	24	3	13	21	14	0	0	0	0	25	1	0
	TOTAL	131	42	12	20	30	20	4	0	0	0	42	1	0
POP UNDER 1000	FATAL	2	1	1	0	1	1	0	0	0	0	1	0	0
	INJURY	36	17	8	7	8	5	4	0	0	0	16	0	0
	DAMAGE	93	24	3	13	21	14	0	0	0	0	25	1	0
	TOTAL	131	42	12	20	30	20	4	0	0	0	42	1	0
CASS CO	FATAL	7	1	1	2	2	0	0	0	0	0	4	0	0
	INJURY	402	85	27	116	140	25	33	1	8	7	104	1	7
	DAMAGE	1248	206	45	349	363	121	4	10	1	1	260	0	19
	TOTAL	1657	292	73	467	505	146	37	11	9	8	368	1	26
BELTON	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	143	24	3	54	63	7	6	0	2	4	14	0	4
	DAMAGE	413	45	9	112	147	31	0	2	0	0	41	0	6
	TOTAL	557	69	12	166	211	38	6	2	2	4	56	0	10
DREXEL/CAS	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	2	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	2	0	0	0	0	1	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
GARDEN CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	1	3	0	0	0	0	0	0	2	0	0
	DAMAGE	10	1	1	3	4	1	0	0	0	0	1	0	0
	TOTAL	16	2	2	6	4	1	0	0	0	0	3	0	0
HARRISONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	60	9	4	13	23	5	8	0	2	0	11	0	1
	DAMAGE	205	34	5	57	69	21	0	2	1	0	37	0	3
	TOTAL	265	43	9	70	92	26	8	2	3	0	48	0	4
PECULIAR	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	4	2	5	6	2	1	0	0	0	5	0	1
	DAMAGE	65	14	4	26	10	7	0	0	0	0	19	0	1
	TOTAL	82	18	6	31	16	9	1	0	0	0	24	0	2
PLEASANT HILL	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	17	3	4	7	4	2	1	0	2	0	4	0	0
	DAMAGE	60	8	6	18	18	9	0	0	0	0	14	0	0
	TOTAL	78	11	10	26	23	11	1	0	2	0	18	0	0
RAYMORE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	3	1	5	11	0	3	1	1	1	6	0	0
	DAMAGE	147	20	4	47	40	12	0	1	0	1	24	0	1
	TOTAL	173	23	5	52	51	12	3	2	1	2	30	0	1
POP UNDER 1000	FATAL	4	1	1	1	0	0	0	0	0	0	3	0	0
	INJURY	135	41	12	30	33	9	14	0	0	2	63	1	1
	DAMAGE	352	84	16	88	76	42	4	5	0	0	124	0	8
	TOTAL	491	126	29	119	109	51	18	5	0	2	190	1	9
CEDAR CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	64	17	2	20	17	4	6	1	0	1	23	0	1
	DAMAGE	86	14	3	19	30	9	1	0	0	0	26	0	1
	TOTAL	150	31	5	39	47	13	7	1	0	1	49	0	2
EL DORADO SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	0	0	2	4	0	0	0	0	1	1	0	0
	DAMAGE	27	2	0	5	14	1	1	0	0	0	3	0	0
	TOTAL	37	2	0	7	18	1	1	0	0	1	4	0	0
STOCKTON	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	0	3	1	0	0	0	0	0	0	0
	TOTAL	5	0	0	0	3	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	53	17	2	18	13	4	6	1	0	0	22	0	1
	DAMAGE	55	12	3	14	13	7	0	0	0	0	23	0	1
	TOTAL	108	29	5	32	26	11	6	1	0	0	45	0	2
CHARITON CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	10	0	13	6	0	2	0	0	0	10	0	0
	DAMAGE	61	9	6	15	23	6	0	0	0	0	15	0	0
	TOTAL	83	19	6	28	29	6	2	0	0	0	25	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	0	1	2	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	2	0	0	0	0	0	0	0	0
SALISBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	2	1	0	0	0	0	0	1	0	0
	DAMAGE	9	0	0	3	5	2	0	0	0	0	1	0	0
	TOTAL	11	0	0	5	6	2	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	10	0	11	5	0	2	0	0	0	9	0	0
	DAMAGE	50	9	6	11	16	4	0	0	0	0	14	0	0
	TOTAL	70	19	6	22	21	4	2	0	0	0	23	0	0
CHRISTIAN CO	FATAL	8	2	1	2	3	1	2	0	0	1	4	0	0
	INJURY	331	74	26	92	117	13	26	1	6	7	103	0	1
	DAMAGE	855	160	29	275	241	47	4	0	0	1	182	1	4
	TOTAL	1194	236	56	369	361	61	32	1	6	9	289	1	5
BILLINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	2	0	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	12	0	0	3	3	0	0	0	0	0	0	0	1
	TOTAL	14	0	0	4	4	0	0	0	0	0	1	0	1
CLEVER	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	1	0	0
	DAMAGE	2	0	0	0	1	1	0	0	0	0	1	0	0
	TOTAL	3	1	0	1	1	1	0	0	0	0	2	0	0
NIXA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	70	12	4	22	25	2	6	0	2	5	12	0	0
	DAMAGE	239	42	6	88	59	7	2	0	0	1	34	0	0
	TOTAL	309	54	10	110	84	9	8	0	2	6	46	0	0
OZARK	FATAL	3	2	0	1	1	1	1	0	0	0	1	0	0
	INJURY	105	19	2	27	42	3	6	0	3	1	25	0	1
	DAMAGE	293	25	6	101	89	17	0	0	0	0	28	1	1
	TOTAL	401	46	8	129	132	21	7	0	3	1	54	1	2
REPUBLIC/CHR	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	1	0	1
	TOTAL	2	0	0	1	1	0	0	0	0	0	1	0	1
SPARTA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	10	2	2	2	4	0	0	0	0	0	5	0	0
	TOTAL	11	2	2	3	5	0	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	5	0	1	1	2	0	1	0	0	1	3	0	0
	INJURY	155	44	20	40	48	8	14	1	1	1	66	0	0
	DAMAGE	298	91	15	81	84	22	2	0	0	0	114	0	1
	TOTAL	458	135	36	122	134	30	17	1	1	2	183	0	1
CLARK CO	FATAL	4	1	2	0	3	1	0	0	0	0	2	0	0
	INJURY	28	3	0	11	11	6	1	2	0	0	10	0	0
	DAMAGE	64	13	1	17	19	14	0	0	0	0	15	0	0
	TOTAL	96	17	3	28	33	21	1	2	0	0	27	0	0
KAHOKA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	0	0	0	0	0	1	0	0
	DAMAGE	18	3	0	11	6	3	0	0	0	0	4	0	0
	TOTAL	20	3	0	11	8	3	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	4	1	2	0	3	1	0	0	0	0	2	0	0
	INJURY	26	3	0	11	9	6	1	2	0	0	9	0	0
	DAMAGE	46	10	1	6	13	11	0	0	0	0	11	0	0
	TOTAL	76	14	3	17	25	18	1	2	0	0	22	0	0
CLAY CO	FATAL	16	6	3	2	3	2	2	0	0	2	3	0	1
	INJURY	1159	246	57	304	360	58	69	3	14	21	248	1	22
	DAMAGE	3555	585	102	776	993	360	22	12	1	1	663	0	35
	TOTAL	4730	837	162	1082	1356	420	93	15	15	24	914	1	58
CLAYCOMO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	5	1	4	3	0	4	0	0	0	6	0	0
	DAMAGE	50	10	3	6	15	9	1	0	0	0	10	0	0
	TOTAL	62	15	4	10	18	9	5	0	0	0	16	0	0
EXCELS SPGS/CLA	FATAL	1	1	0	0	0	0	1	0	0	0	0	0	0
	INJURY	45	16	0	19	14	0	2	0	0	2	13	0	0
	DAMAGE	179	41	4	51	55	19	0	1	0	0	41	0	3
	TOTAL	225	58	4	70	69	19	3	1	0	2	54	0	3
GLADSTONE	FATAL	1	1	1	0	0	0	0	0	0	0	0	0	0
	INJURY	133	23	2	39	56	3	5	0	2	4	15	0	1
	DAMAGE	365	44	13	85	127	20	3	2	0	0	40	0	2
	TOTAL	499	68	16	124	183	23	8	2	2	4	55	0	3
KANSAS CITY/CLA	FATAL	10	3	2	1	2	1	1	0	0	2	0	0	1
	INJURY	534	116	26	124	156	21	34	2	9	9	107	0	20
	DAMAGE	1611	248	35	324	408	135	10	2	1	1	310	0	20
	TOTAL	2155	367	63	449	566	157	45	4	10	12	417	0	41
KEARNEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	37	4	5	12	16	0	4	0	0	0	7	0	0
	DAMAGE	118	19	5	33	36	19	0	2	0	0	18	0	1

TABLE 4.0.1

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CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL-BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	155	23	10	45	52	19	4	2	0	0	25	0	1
LAWSON/CLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	2	0	0	0	0	0	1	0	0
	DAMAGE	10	2	0	3	3	0	0	0	0	0	1	0	0
	TOTAL	14	2	0	4	5	0	0	0	0	0	2	0	0
LIBERTY	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	188	28	12	57	56	19	11	1	1	3	33	0	1
	DAMAGE	521	81	15	162	157	55	3	2	0	0	76	0	4
	TOTAL	710	109	27	219	213	74	14	3	1	3	109	0	5
NORTH KANSAS CITY	FATAL	1	0	0	1	0	1	0	0	0	0	1	0	0
	INJURY	70	12	3	7	23	3	0	0	1	2	10	1	0
	DAMAGE	296	42	9	29	81	48	2	1	0	0	38	0	3
	TOTAL	367	54	12	37	104	52	2	1	1	2	49	1	3
PLEASANT VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	5	1	2	7	4	1	0	0	0	5	0	0
	DAMAGE	57	14	3	11	16	9	1	1	0	0	13	0	0
	TOTAL	77	19	4	13	23	13	2	1	0	0	18	0	0
SMITHVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	0	4	3	0	0	0	0	0	4	0	0
	DAMAGE	89	21	3	26	22	12	1	0	0	0	18	0	0
	TOTAL	104	23	3	30	25	12	1	0	0	0	22	0	0
3067	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	2	1	1	0	1	1	0	0	0	0	1	0	0
	TOTAL	4	1	1	1	3	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	2	1	0	0	1	0	0	0	0	0	2	0	0
	INJURY	100	35	7	34	22	8	8	0	1	1	48	0	0
	DAMAGE	259	64	11	47	72	33	1	1	0	0	98	0	2
	TOTAL	361	100	18	81	95	41	9	1	1	1	148	0	2
CLINTON CO	FATAL	5	1	1	0	4	1	1	0	0	0	2	0	0
	INJURY	64	21	9	17	19	4	4	0	0	1	27	0	1
	DAMAGE	178	36	3	40	49	20	0	2	0	1	52	0	3
	TOTAL	247	58	13	57	72	25	5	2	0	2	81	0	4
CAMERON/CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	2	1	7	5	1	0	0	0	0	2	0	0
	DAMAGE	56	1	0	21	17	7	0	2	0	0	8	0	0
	TOTAL	70	3	1	28	22	8	0	2	0	0	10	0	0
GOWER/CLI	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	8	2	0	2	3	0	0	0	0	0	2	0	0
	TOTAL	9	2	0	2	3	0	0	0	0	0	3	0	0
HOLT	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	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	1	0	0	0	0	0	0	1	0	0
LATHROP	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	10	0	1	4	4	0	0	0	0	1	1	0	0
	TOTAL	11	1	2	4	4	0	0	0	0	1	2	0	0
PLATTSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	2	1	0	0	0	0	1	2	0	0
	DAMAGE	18	2	0	3	4	1	0	0	0	0	5	0	0
	TOTAL	21	3	0	5	5	1	0	0	0	1	7	0	0
POP UNDER 1000	FATAL	5	1	1	0	4	1	1	0	0	0	2	0	0
	INJURY	44	17	7	7	13	3	4	0	0	0	20	0	1
	DAMAGE	85	31	2	10	21	12	0	0	0	0	35	0	3
	TOTAL	134	49	10	17	38	16	5	0	0	0	57	0	4
COLE CO	FATAL	6	2	2	0	2	0	1	0	0	0	3	0	0
	INJURY	509	90	32	137	174	20	24	1	8	24	98	0	1
	DAMAGE	1302	205	36	329	411	102	7	11	1	0	252	0	11
	TOTAL	1817	297	70	466	587	122	32	12	9	24	353	0	12

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
JEFF CITY/COL	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	395	49	18	100	148	14	17	0	8	21	54	0	0
	DAMAGE	1038	115	21	264	340	85	3	8	1	0	146	0	7
	TOTAL	1434	165	40	364	488	99	20	8	9	21	201	0	7
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	0	0	1	1	0	1	0	0	0	0	0
	TOTAL	2	0	0	0	1	1	0	1	0	0	0	0	0
POP UNDER 1000	FATAL	5	1	1	0	2	0	1	0	0	0	2	0	0
	INJURY	114	41	14	37	26	6	7	1	0	3	44	0	1
	DAMAGE	262	90	15	65	70	16	4	2	0	0	106	0	4
	TOTAL	381	132	30	102	98	22	12	3	0	3	152	0	5
COOPER CO	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	96	24	7	19	23	6	4	0	2	2	49	0	0
	DAMAGE	388	86	14	84	105	71	1	0	0	1	129	1	2
	TOTAL	485	110	21	103	128	78	5	0	2	3	178	1	2
BOONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	2	0	10	7	1	2	0	2	2	4	0	0
	DAMAGE	176	20	6	47	58	17	0	0	0	0	17	0	2
	TOTAL	205	22	6	57	65	18	2	0	2	2	21	0	2
PILOT GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	2	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	4	1	0	3	1	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	65	21	7	8	16	5	2	0	0	0	44	0	0
	DAMAGE	210	66	8	35	46	54	1	0	0	1	112	1	0
	TOTAL	276	87	15	43	62	60	3	0	0	1	156	1	0
CRAWFORD CO	FATAL	8	2	0	1	3	1	1	0	0	1	5	0	0
	INJURY	127	37	14	33	33	16	7	0	0	1	67	0	1
	DAMAGE	393	84	17	90	107	66	3	3	0	0	140	1	11
	TOTAL	528	123	31	124	143	83	11	3	0	2	212	1	12
BOURBON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	4	0	4	2	3	0	0	0	0	8	0	0
	DAMAGE	49	9	1	12	11	8	1	0	0	0	22	1	0
	TOTAL	63	13	1	16	13	11	1	0	0	0	30	1	0
CUBA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	1	2	7	9	0	0	0	0	1	3	0	0
	DAMAGE	77	11	2	19	31	8	0	0	0	0	15	0	2
	TOTAL	96	12	4	26	40	8	0	0	0	1	18	0	2
STEELVILLE	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	5	2	1	3	1	0	0	0	0	0	1	0	0
	DAMAGE	22	0	1	3	8	3	0	0	0	0	1	0	0
	TOTAL	28	2	2	6	9	3	0	0	0	0	3	0	0
SULLIVAN/CRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	2	1	1	0	0	0	0	0	0
	DAMAGE	9	2	0	2	3	0	0	0	0	0	1	0	1
	TOTAL	13	2	0	2	5	1	1	0	0	0	1	0	1
POP UNDER 1000	FATAL	7	2	0	1	3	1	1	0	0	1	4	0	0
	INJURY	85	30	11	19	19	12	6	0	0	0	55	0	1
	DAMAGE	236	62	13	54	54	47	2	3	0	0	101	0	8
	TOTAL	328	94	24	74	76	60	9	3	0	1	160	0	9
DADE CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	5	7	7	4	3	2	0	0	0	15	0	0
	DAMAGE	32	6	3	7	9	2	1	0	0	0	15	0	0
	TOTAL	59	11	10	14	13	5	3	0	0	0	30	0	0
GREENFIELD	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	1	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	1	0	0	0	0	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	5	7	7	4	3	2	0	0	0	15	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
DALLAS CO	DAMAGE	31	6	3	7	8	2	0	0	0	0	15	0	0
	TOTAL	58	11	10	14	12	5	2	0	0	0	30	0	0
	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	69	25	5	23	18	3	6	0	0	2	31	0	0
	DAMAGE	116	37	8	23	39	16	0	1	0	0	43	0	0
TOTAL	186	62	13	46	58	19	6	1	0	2	74	0	0	
BUFFALO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	0	0	7	4	2	0	0	0	1	1	0	0
	DAMAGE	28	6	2	9	9	1	0	0	0	0	7	0	0
	TOTAL	41	6	2	16	13	3	0	0	0	1	8	0	0
POP UNDER 1000	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	56	25	5	16	14	1	6	0	0	1	30	0	0
	DAMAGE	88	31	6	14	30	15	0	1	0	0	36	0	0
	TOTAL	145	56	11	30	45	16	6	1	0	1	66	0	0
DAVISS CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	30	9	1	4	11	5	3	2	0	1	10	0	0
	DAMAGE	92	25	1	16	30	18	2	0	0	0	32	1	0
	TOTAL	122	34	2	20	41	23	5	2	0	1	42	1	0
GALLATIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	1	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	0	0	0	1	0	0	0	0	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	8	1	4	11	5	2	2	0	1	10	0	0
	DAMAGE	92	25	1	16	30	18	2	0	0	0	32	1	0
	TOTAL	121	33	2	20	41	23	4	2	0	1	42	1	0
DEKALB CO	FATAL	5	0	1	0	4	1	1	0	0	0	2	0	1
	INJURY	66	12	6	15	20	6	5	0	0	0	31	0	0
	DAMAGE	144	29	8	18	43	32	0	1	0	0	40	0	5
	TOTAL	215	41	15	33	67	39	6	1	0	0	73	0	6
CAMERON/DEK	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	12	2	1	1	8	2	1	0	0	0	3	0	0
	DAMAGE	57	10	4	12	20	10	0	0	0	0	13	0	0
	TOTAL	70	12	6	13	29	12	1	0	0	0	16	0	0
MAYSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	0	1	2	0	0	0	0	1	0	0
	TOTAL	5	0	0	0	1	2	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	4	0	0	0	3	1	1	0	0	0	2	0	1
	INJURY	52	10	5	14	12	4	4	0	0	0	28	0	0
	DAMAGE	84	19	4	6	22	20	0	1	0	0	26	0	5
	TOTAL	140	29	9	20	37	25	5	1	0	0	56	0	6
DENT CO	FATAL	2	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	76	20	10	17	18	2	5	0	2	3	41	0	1
	DAMAGE	197	18	6	32	73	20	2	2	0	0	44	0	1
	TOTAL	275	39	16	50	91	22	7	2	2	3	86	0	2
SALEM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	1	2	7	5	0	2	0	2	2	6	0	1
	DAMAGE	86	0	1	19	45	5	1	0	0	0	5	0	0
	TOTAL	109	1	3	26	50	5	3	0	2	2	11	0	1
POP UNDER 1000	FATAL	2	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	53	19	8	10	13	2	3	0	0	1	35	0	0
	DAMAGE	111	18	5	13	28	15	1	2	0	0	39	0	1
	TOTAL	166	38	13	24	41	17	4	2	0	1	75	0	1
DOUGLAS CO	FATAL	5	1	0	1	2	1	0	0	0	1	4	0	0
	INJURY	54	12	9	19	10	6	5	0	0	0	27	0	0
	DAMAGE	123	27	10	27	39	13	0	0	0	0	36	0	3
	TOTAL	182	40	19	47	51	20	5	0	0	1	67	0	3
AVA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	2	0	1	1	1	1	0	0	0	1	0	0
	DAMAGE	29	3	0	9	14	1	0	0	0	0	1	0	0
	TOTAL	34	5	0	10	15	2	1	0	0	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 UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
POP UNDER 1000	FATAL	5	1	0	1	2	1	0	0	0	1	4	0	0
	INJURY	49	10	9	18	9	5	4	0	0	0	26	0	0
	DAMAGE	94	24	10	18	25	12	0	0	0	0	35	0	3
	TOTAL	148	35	19	37	36	18	4	0	0	1	65	0	3
DUNKLIN CO	FATAL	4	1	1	0	1	0	0	0	0	0	2	0	1
	INJURY	163	37	12	38	45	9	2	0	1	4	44	1	0
	DAMAGE	370	38	13	89	119	38	1	5	0	1	72	0	1
	TOTAL	537	76	26	127	165	47	3	5	1	5	118	1	2
CAMPBELL	FATAL	2	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	7	1	2	2	2	0	0	0	0	0	4	0	0
	DAMAGE	21	0	2	6	5	1	0	0	0	0	5	0	0
	TOTAL	30	1	4	8	8	1	0	0	0	0	10	0	0
CLARKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	0	0	0	0	1	0	0	0
	DAMAGE	6	1	0	2	1	1	0	0	0	0	1	0	0
	TOTAL	8	1	0	2	3	1	0	0	0	1	1	0	0
KENNETT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	60	3	2	14	16	4	0	0	1	2	3	1	0
	DAMAGE	184	11	4	49	72	14	0	1	0	1	16	0	0
	TOTAL	244	14	6	63	88	18	0	1	1	3	19	1	0
MALDEN/DUN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	1	0	2	6	1	1	0	0	1	2	0	0
	DAMAGE	53	3	3	12	16	7	0	3	0	0	15	0	0
	TOTAL	67	4	3	14	22	8	1	3	0	1	17	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	0	1	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	1	1	0	0	0	0	0	0	0	1	0	1
	INJURY	80	32	8	20	19	4	1	0	0	0	35	0	0
	DAMAGE	105	23	4	20	25	14	1	1	0	0	35	0	1
	TOTAL	187	56	13	40	44	18	2	1	0	0	71	0	2
FRANKLIN CO	FATAL	15	5	6	4	5	0	3	0	0	1	7	0	0
	INJURY	508	148	44	131	150	38	32	1	6	7	159	1	8
	DAMAGE	1762	349	79	435	519	199	6	11	1	2	428	1	14
	TOTAL	2285	502	129	570	674	237	41	12	7	10	594	2	22
GERALD	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	0	1	4	1	0	0	0	0	2	0	0
	TOTAL	7	2	0	1	4	1	0	0	0	0	2	0	0
NEW HAVEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	0	1	0	0	0	1	0	0
	DAMAGE	24	5	2	2	8	3	0	0	0	0	5	0	0
	TOTAL	28	5	2	3	9	3	1	0	0	0	6	0	0
PACIFIC/FRA	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	15	4	0	1	6	1	2	0	0	0	3	0	0
	DAMAGE	85	8	1	12	28	18	0	0	0	0	12	0	0
	TOTAL	101	13	2	13	34	19	2	0	0	0	16	0	0
ST. CLAIR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	49	10	6	14	16	6	2	1	0	0	10	0	0
	DAMAGE	150	38	6	33	40	21	0	0	0	0	47	0	0
	TOTAL	199	48	12	47	56	27	2	1	0	0	57	0	0
SULLIVAN/FRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	2	1	6	5	2	1	0	1	1	1	1	2
	DAMAGE	82	13	1	25	33	4	0	1	0	0	8	0	4
	TOTAL	98	15	2	31	38	6	1	1	1	1	9	1	6
UNION	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	69	6	4	18	20	6	1	0	1	2	6	0	2
	DAMAGE	235	18	9	68	80	24	0	3	0	0	26	0	1
	TOTAL	304	24	13	86	100	30	1	3	1	2	32	0	3
WASHINGTON	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	87	6	3	21	37	6	2	0	3	2	3	0	0
	DAMAGE	399	47	12	120	143	41	0	5	1	1	42	0	1
	TOTAL	487	53	16	141	180	47	2	5	4	4	45	0	1
POP UNDER 1000	FATAL	13	4	4	4	5	0	3	0	0	0	6	0	0
	INJURY	268	120	30	70	65	17	23	0	1	2	135	0	4
	DAMAGE	780	218	48	174	183	87	6	2	0	1	286	1	8
	TOTAL	1061	342	82	248	253	104	32	2	1	3	427	1	12
GASCONADE CO	FATAL	7	4	6	1	0	1	0	0	0	0	5	0	0
	INJURY	68	24	8	17	19	1	4	0	0	2	29	0	0
	DAMAGE	231	38	11	50	74	35	2	0	0	0	62	2	1
	TOTAL	306	66	25	68	93	37	6	0	0	2	96	2	1
HERMANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	1	0	5	0	1	0	0	1	1	0	0
	DAMAGE	39	4	1	12	17	4	1	0	0	0	9	0	0
	TOTAL	46	6	2	12	22	4	2	0	0	1	10	0	0
OWENSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	0	0	1	5	0	2	0	0	0	1	0	0
	DAMAGE	52	5	1	12	23	9	0	0	0	0	7	1	0
	TOTAL	61	5	1	13	28	9	2	0	0	0	8	1	0
POP UNDER 1000	FATAL	7	4	6	1	0	1	0	0	0	0	5	0	0
	INJURY	52	22	7	16	9	1	1	0	0	1	27	0	0
	DAMAGE	140	29	9	26	34	22	1	0	0	0	46	1	1
	TOTAL	199	55	22	43	43	24	2	0	0	1	78	1	1
GENTRY CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	4	7	2	6	1	2	1	0	0	10	0	0
	DAMAGE	56	4	0	9	17	8	0	0	0	0	8	0	1
	TOTAL	77	8	7	11	23	9	2	1	0	0	18	0	1
ALBANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	0	0	1	0	0	0	0	0
	DAMAGE	9	0	0	1	6	0	0	0	0	0	1	0	0
	TOTAL	13	0	0	2	7	0	0	1	0	0	1	0	0
KING 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	8	1	0	1	2	0	0	0	0	0	0	0	0
	TOTAL	8	1	0	1	2	0	0	0	0	0	0	0	0
STANBERRY	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	2	0	1	0	0	0	0	0	0	0
	TOTAL	4	0	0	2	0	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	4	7	1	5	1	2	0	0	0	10	0	0
	DAMAGE	35	3	0	5	9	7	0	0	0	0	7	0	1
	TOTAL	52	7	7	6	14	8	2	0	0	0	17	0	1
GREENE CO	FATAL	23	9	6	1	7	4	1	0	0	2	6	0	2
	INJURY	2419	272	142	590	831	105	133	8	69	49	348	2	60
	DAMAGE	5787	526	213	1478	1872	413	34	41	11	5	804	5	153
	TOTAL	8229	807	361	2069	2710	522	168	49	80	56	1158	7	215
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	2	0	0	1	1	1	0	1	0	0	0	0	0
	TOTAL	2	0	0	1	1	1	0	1	0	0	0	0	0
BATTLEFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	3	0	0	7	0	0	0	0	0	4	0	1
	DAMAGE	24	3	0	6	4	0	0	0	0	0	5	0	0
	TOTAL	38	6	0	6	11	0	0	0	0	0	9	0	1
FAIR GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	1	0	0	0	1	0	0	0	3	0	0
	DAMAGE	5	1	0	1	2	0	0	0	0	0	3	0	1
	TOTAL	9	3	1	1	2	0	1	0	0	0	6	0	1
REPUBLIC/GRE	FATAL	1	0	1	0	0	1	0	0	0	0	0	0	0
	INJURY	75	13	8	23	25	1	4	1	4	1	10	0	0
	DAMAGE	228	19	7	72	71	18	2	0	0	0	31	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	304	32	16	95	96	20	6	1	4	1	41	0	0
ROGERSVIL/GRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	0	2	1	0	1	0	0	0	3	0	0
	DAMAGE	23	4	1	4	10	3	0	0	0	0	1	0	1
	TOTAL	30	4	1	6	11	3	1	0	0	0	4	0	1
SPRINGFIELD	FATAL	11	4	0	0	4	2	0	0	0	1	4	0	2
	INJURY	2005	155	100	485	709	80	94	5	58	44	192	2	59
	DAMAGE	4776	331	161	1224	1596	297	26	32	10	4	510	3	146
	TOTAL	6792	490	261	1709	2309	379	120	37	68	49	706	5	207
STRAFFORD	FATAL	1	0	0	1	0	0	0	0	0	1	0	0	0
	INJURY	7	0	0	1	3	1	0	0	1	1	1	0	0
	DAMAGE	49	6	2	12	13	15	0	1	0	0	16	0	0
	TOTAL	57	6	2	14	16	16	0	1	1	2	17	0	0
WILLARD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	3	0	0	0	0	0	0	0	0	0
	DAMAGE	27	2	2	14	7	3	0	0	0	0	4	0	0
	TOTAL	32	2	2	17	7	3	0	0	0	0	4	0	0
POP UNDER 1000	FATAL	10	5	5	0	3	1	1	0	0	0	2	0	0
	INJURY	299	97	33	76	86	23	33	2	6	3	133	0	0
	DAMAGE	653	160	40	143	169	76	6	7	1	1	233	2	5
	TOTAL	962	262	78	219	258	100	40	9	7	4	368	2	5
GRUNDY CO	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	39	12	3	12	13	4	1	0	0	2	10	0	0
	DAMAGE	149	16	6	41	54	17	0	0	0	0	29	0	1
	TOTAL	189	28	9	53	67	21	1	0	0	2	40	0	1
TRENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	4	0	4	6	1	0	0	0	2	1	0	0
	DAMAGE	116	6	4	33	44	12	0	0	0	0	17	0	1
	TOTAL	131	10	4	37	50	13	0	0	0	2	18	0	1
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	24	8	3	8	7	3	1	0	0	0	9	0	0
	DAMAGE	33	10	2	8	10	5	0	0	0	0	12	0	0
	TOTAL	58	18	5	16	17	8	1	0	0	0	22	0	0
HARRISON CO	FATAL	2	1	0	0	2	1	0	0	0	0	1	0	0
	INJURY	57	22	7	6	12	9	3	0	0	0	25	0	0
	DAMAGE	128	19	9	16	50	31	0	1	0	0	31	0	1
	TOTAL	187	42	16	22	64	41	3	1	0	0	57	0	1
BETHANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	6	0	3	4	0	0	0	0	0	2	0	0
	DAMAGE	49	3	6	8	23	7	0	1	0	0	7	0	0
	TOTAL	62	9	6	11	27	7	0	1	0	0	9	0	0
POP UNDER 1000	FATAL	2	1	0	0	2	1	0	0	0	0	1	0	0
	INJURY	44	16	7	3	8	9	3	0	0	0	23	0	0
	DAMAGE	79	16	3	8	27	24	0	0	0	0	24	0	1
	TOTAL	125	33	10	11	37	34	3	0	0	0	48	0	1
HENRY CO	FATAL	8	1	1	2	3	2	1	0	0	1	1	1	0
	INJURY	134	40	15	26	39	13	9	0	1	4	51	0	1
	DAMAGE	320	50	16	48	134	33	1	0	1	0	86	0	2
	TOTAL	462	91	32	76	176	48	11	0	2	5	138	1	3
CLINTON	FATAL	1	0	0	1	0	1	0	0	0	0	0	0	0
	INJURY	44	9	5	11	17	4	2	0	1	2	8	0	0
	DAMAGE	176	15	5	26	93	14	1	0	1	0	21	0	1
	TOTAL	221	24	10	38	110	19	3	0	2	2	29	0	1
WINDSOR/HEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	4	1	1	0	1	1	0	0	0	1	0	0
	DAMAGE	22	4	1	2	13	2	0	0	0	0	7	0	0
	TOTAL	26	8	2	3	13	3	1	0	0	0	8	0	0
POP UNDER 1000	FATAL	7	1	1	1	3	1	1	0	0	1	1	1	0
	INJURY	86	27	9	14	22	8	6	0	0	2	42	0	1
	DAMAGE	122	31	10	20	28	17	0	0	0	0	58	0	1
	TOTAL	215	59	20	35	53	26	7	0	0	3	101	1	2

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
HICKORY CO	FATAL	3	3	2	0	2	0	0	0	0	0	3	0	0
	INJURY	42	21	7	5	13	3	1	0	0	1	25	1	0
	DAMAGE	42	8	3	6	20	2	0	0	0	0	13	0	1
	TOTAL	87	32	12	11	35	5	1	0	0	1	41	1	1
POP UNDER 1000	FATAL	3	3	2	0	2	0	0	0	0	0	3	0	0
	INJURY	42	21	7	5	13	3	1	0	0	1	25	1	0
	DAMAGE	42	8	3	6	20	2	0	0	0	0	13	0	1
	TOTAL	87	32	12	11	35	5	1	0	0	1	41	1	1
HOLT CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	36	12	5	8	8	6	1	0	0	1	14	0	0
	DAMAGE	81	24	5	9	34	13	0	1	0	0	31	0	4
	TOTAL	117	36	10	17	42	19	1	1	0	1	45	0	4
MOUND CITY	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	0	0	0
	DAMAGE	9	2	0	1	5	1	0	0	0	0	3	0	0
	TOTAL	11	3	0	2	6	1	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	11	5	7	7	6	1	0	0	1	14	0	0
	DAMAGE	72	22	5	8	29	12	0	1	0	0	28	0	4
	TOTAL	106	33	10	15	36	18	1	1	0	1	42	0	4
HOWARD CO	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	25	8	3	5	9	4	1	1	0	0	14	0	0
	DAMAGE	102	30	5	23	30	7	1	2	0	0	40	0	2
	TOTAL	128	38	8	28	40	12	2	3	0	0	54	0	2
FAYETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	1	1	0	0	0	0	2	0	0
	DAMAGE	21	3	0	5	11	1	0	0	0	0	1	0	1
	TOTAL	23	4	0	6	12	2	0	0	0	0	3	0	1
GLASGOW/HOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	2	1	0	0	0	0	0	0	0	0	0
	DAMAGE	12	4	1	4	5	1	0	0	0	0	3	0	0
	TOTAL	14	4	3	5	5	1	0	0	0	0	3	0	0
NEW FRANKLIN	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	1	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	3	1	0	1	0	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	21	7	1	3	8	3	1	1	0	0	12	0	0
	DAMAGE	66	22	4	13	14	5	1	2	0	0	35	0	1
	TOTAL	88	29	5	16	23	9	2	3	0	0	47	0	1
HOWELL CO	FATAL	11	1	1	2	3	3	1	0	0	1	6	1	0
	INJURY	205	36	23	61	68	15	9	0	0	4	69	0	0
	DAMAGE	605	95	26	144	199	68	1	4	0	1	141	0	3
	TOTAL	821	132	50	207	270	86	11	4	0	6	216	1	3
MOUNTAIN VIEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	0	5	5	3	0	0	0	0	3	0	0
	DAMAGE	33	3	0	4	17	2	0	0	0	0	3	0	0
	TOTAL	43	4	0	9	22	5	0	0	0	0	6	0	0
WEST PLAINS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	70	5	2	26	27	5	3	0	0	2	9	0	0
	DAMAGE	295	26	8	89	114	31	1	1	0	0	45	0	2
	TOTAL	365	31	10	115	141	36	4	1	0	2	54	0	2
WILLOW SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	1	1	1	0	0	0	1	0	0
	DAMAGE	24	4	0	7	6	7	0	0	0	0	5	0	0
	TOTAL	27	5	0	7	7	8	1	0	0	0	6	0	0
POP UNDER 1000	FATAL	11	1	1	2	3	3	1	0	0	1	6	1	0
	INJURY	122	29	21	30	35	6	5	0	0	2	56	0	0
	DAMAGE	253	62	18	44	62	28	0	3	0	1	88	0	1
	TOTAL	386	92	40	76	100	37	6	3	0	4	150	1	1
IRON CO	FATAL	4	1	1	0	3	0	0	0	0	0	2	0	0
	INJURY	83	32	15	24	17	3	4	0	0	0	51	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
ANNAPOLIS	DAMAGE	71	19	9	18	25	12	0	1	0	0	29	1	1
	TOTAL	158	52	25	42	45	15	4	1	0	0	82	1	1
	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	1	0	0	1	0	0	0	0	0	0	0	0	0
IRONTON	TOTAL	3	0	1	2	0	0	0	0	0	0	1	0	0
	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	4	0	1	1	2	0	0	0	0	0	0	0	0
	DAMAGE	9	0	1	4	5	0	0	0	0	0	0	0	0
POP UNDER 1000	TOTAL	14	0	2	5	8	0	0	0	0	0	0	0	0
	FATAL	3	1	1	0	2	0	0	0	0	0	2	0	0
	INJURY	77	32	13	22	15	3	4	0	0	0	50	0	0
	DAMAGE	61	19	8	13	20	12	0	1	0	0	29	1	1
JACKSON CO	TOTAL	141	52	22	35	37	15	4	1	0	0	81	1	1
	FATAL	68	27	16	12	17	7	16	0	1	17	19	0	1
	INJURY	5217	1058	341	1012	1536	300	213	24	71	228	901	2	127
	DAMAGE	14732	2131	392	2437	3888	1304	65	110	19	25	2163	11	320
BLUE SPRINGS	TOTAL	20017	3216	749	3461	5441	1611	294	134	91	270	3083	13	448
	FATAL	2	1	0	1	0	0	2	0	0	0	1	0	0
	INJURY	230	43	25	68	72	15	11	0	5	8	46	0	1
	DAMAGE	835	115	30	242	254	61	4	5	0	1	118	0	3
BUCKNER	TOTAL	1067	159	55	311	326	76	17	5	5	9	165	0	4
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	1	1	1	1	0	0	0	0	1	0	0
	DAMAGE	11	1	1	0	5	1	0	0	0	0	2	0	1
GRAIN VALLEY	TOTAL	15	2	2	1	6	2	0	0	0	0	3	0	1
	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	42	12	8	13	12	1	2	0	0	4	9	0	0
	DAMAGE	119	25	11	32	25	13	0	0	0	0	34	0	0
GRANDVIEW	TOTAL	162	37	19	45	38	14	2	0	0	4	44	0	0
	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	105	26	15	16	39	4	5	0	1	2	22	0	1
	DAMAGE	312	42	15	71	95	32	1	2	0	1	53	1	3
GREENWOOD	TOTAL	418	69	30	87	134	36	6	2	1	3	76	1	4
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	4	0	3	4	1	0	1	0	0	3	0	0
	DAMAGE	27	7	0	11	1	3	0	0	0	0	6	0	0
INDEPENDENCE/JAC	TOTAL	34	11	0	14	5	4	0	1	0	0	9	0	0
	FATAL	6	2	1	2	2	0	1	0	1	0	1	0	0
	INJURY	876	173	69	194	326	33	36	4	9	31	124	1	11
	DAMAGE	1719	295	74	366	574	131	10	13	2	2	242	2	48
KANSAS CITY/JAC	TOTAL	2601	470	144	562	902	164	47	17	12	33	367	3	59
	FATAL	47	20	12	5	13	6	8	0	0	14	12	0	1
	INJURY	3210	674	171	500	870	196	121	15	48	167	539	0	93
	DAMAGE	9320	1288	167	1043	2217	864	38	74	15	21	1265	7	235
LAKE LOTAWANA	TOTAL	12577	1982	350	1548	3100	1066	167	89	63	202	1816	7	329
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	3	1	4	9	4	1	0	0	0	2	0	2
	DAMAGE	53	14	2	13	13	5	1	2	0	0	17	0	5
LEE'S SUMMIT/JAC	TOTAL	69	17	3	17	22	9	2	2	0	0	19	0	7
	FATAL	9	1	3	4	1	1	3	0	0	3	1	0	0
	INJURY	436	65	34	137	117	25	25	2	5	5	96	0	13
	DAMAGE	1586	213	60	482	473	112	2	13	2	0	266	0	23
OAK GROVE	TOTAL	2031	279	97	623	591	138	30	15	7	8	363	0	36
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	8	4	7	9	5	2	0	0	3	6	1	0
	DAMAGE	94	14	5	28	31	18	1	0	0	0	17	0	0
RAYTOWN	TOTAL	125	22	9	35	40	23	3	0	0	3	23	1	0
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	154	23	3	44	48	6	5	2	2	4	17	0	4
	DAMAGE	360	57	16	88	136	28	3	1	0	0	41	1	0
RAYTOWN	TOTAL	514	80	19	132	184	34	8	3	2	4	58	1	4

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
SUGAR CREEK/JAC	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	7	1	0	1	2	2	0	0	0	0	2	0	0
	DAMAGE	66	16	1	11	19	5	2	0	0	0	19	0	0
	TOTAL	74	18	1	12	21	7	3	0	0	0	22	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	97	25	10	22	27	7	5	0	1	4	33	0	2
	DAMAGE	224	44	10	47	44	29	3	0	0	0	83	0	2
	TOTAL	322	70	20	69	71	36	9	0	1	4	117	0	4
JASPER CO	FATAL	17	4	3	5	3	6	2	0	0	1	4	1	0
	INJURY	586	100	36	145	212	46	59	4	12	21	120	1	2
	DAMAGE	2395	223	67	644	794	219	27	13	5	7	295	3	15
	TOTAL	2998	327	106	794	1009	271	88	17	17	29	419	5	17
CARL JUNCTION	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	4	0	7	4	1	1	1	0	0	1	0	0
	DAMAGE	53	7	2	25	15	3	1	3	0	0	6	1	1
	TOTAL	67	11	2	32	19	4	2	4	0	0	7	1	1
CARTERVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	1	1	1	0	0	0	0	1	0	0
	DAMAGE	9	0	1	1	2	1	0	0	0	0	4	0	1
	TOTAL	14	0	2	2	3	2	0	0	0	0	5	0	1
CARTHAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	65	15	3	16	18	9	6	1	2	4	8	0	0
	DAMAGE	132	15	10	31	47	20	2	1	0	0	14	0	1
	TOTAL	197	30	13	47	65	29	8	2	2	4	22	0	1
DUENWEG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	12	7	0	3	4	2	0	0	0	0	2	0	0
	TOTAL	14	7	0	3	6	2	0	0	0	0	2	0	0
DUQUESNE	FATAL	1	0	0	0	0	1	0	0	0	1	0	0	0
	INJURY	4	0	0	0	2	0	0	0	0	0	1	0	0
	DAMAGE	37	2	0	9	11	4	1	0	0	0	2	0	1
	TOTAL	42	2	0	9	13	5	1	0	0	1	3	0	1
JASPER	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	1	1	0	1	0	0	0	0	3	0	0
	TOTAL	3	0	1	1	0	1	0	0	0	0	3	0	0
JOPLIN/JAS	FATAL	2	1	2	0	0	0	0	0	0	0	1	0	0
	INJURY	248	26	5	63	108	13	26	0	7	12	21	0	0
	DAMAGE	1406	72	29	389	492	91	18	5	5	6	100	1	4
	TOTAL	1656	99	36	452	600	104	44	5	12	18	122	1	4
SARCOXIE	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	0	0	0
	DAMAGE	3	0	1	0	1	1	0	0	0	0	0	0	0
	TOTAL	4	0	1	0	2	1	1	0	0	0	0	0	0
WEBB CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	53	5	3	16	22	4	6	1	0	2	6	0	0
	DAMAGE	256	20	2	80	84	18	3	2	0	0	14	0	2
	TOTAL	309	25	5	96	106	22	9	3	0	2	20	0	2
POP UNDER 1000	FATAL	14	3	1	5	3	5	2	0	0	0	3	1	0
	INJURY	194	50	24	42	54	18	19	1	3	3	82	1	2
	DAMAGE	484	100	21	105	138	78	2	2	0	1	150	1	5
	TOTAL	692	153	46	152	195	101	23	3	3	4	235	3	7
JEFFERSON CO	FATAL	22	10	7	2	5	2	4	0	0	2	12	1	1
	INJURY	1016	241	101	279	284	56	76	10	5	19	327	1	20
	DAMAGE	3207	561	135	902	815	281	10	24	0	3	710	0	95
	TOTAL	4245	812	243	1183	1104	339	90	34	5	24	1049	2	116
ARNOLD	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	144	16	4	44	44	7	7	0	1	1	25	0	0
	DAMAGE	511	47	12	150	152	44	2	5	0	0	56	0	2
	TOTAL	656	64	16	194	196	51	10	5	1	1	82	0	2
BYRNE'S MILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	13	4	2	4	3	1	3	1	0	0	3	0	0
	DAMAGE	48	7	0	16	14	6	0	1	0	0	3	0	0
	TOTAL	61	11	2	20	17	7	3	2	0	0	6	0	0
CRYSTAL CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	2	2	8	14	0	0	0	1	1	4	0	0
	DAMAGE	107	6	0	37	39	6	0	1	0	0	12	0	2
	TOTAL	140	8	2	45	53	6	0	1	1	1	16	0	2
DE SOTO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	5	3	9	14	2	1	0	0	2	7	0	0
	DAMAGE	133	9	5	36	39	9	0	0	0	0	13	0	2
	TOTAL	167	14	8	45	53	11	1	0	0	2	20	0	2
FESTUS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	74	17	4	18	20	6	5	1	1	2	15	0	0
	DAMAGE	296	47	4	77	104	32	2	1	0	1	53	0	10
	TOTAL	370	64	8	95	124	38	7	2	1	3	68	0	10
HERCULANEUM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	6	2	7	9	1	2	0	0	0	3	0	0
	DAMAGE	75	11	0	23	29	16	0	0	0	0	12	0	2
	TOTAL	98	17	2	30	38	17	2	0	0	0	15	0	2
HILLSBORO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	7	0	11	6	1	2	1	0	1	2	0	0
	DAMAGE	129	10	3	53	49	13	1	1	0	0	14	0	3
	TOTAL	153	17	3	64	55	14	3	2	0	1	16	0	3
PEVELY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	9	3	10	10	6	1	0	1	1	12	0	4
	DAMAGE	117	17	0	25	33	21	0	0	0	0	19	0	8
	TOTAL	151	26	3	35	43	27	1	0	1	1	31	0	12
POP UNDER 1000	FATAL	21	9	7	2	5	2	3	0	0	2	11	1	1
	INJURY	637	175	81	168	164	32	55	7	1	11	256	1	16
	DAMAGE	1790	407	111	485	355	134	5	15	0	2	528	0	66
	TOTAL	2448	591	199	655	524	168	63	22	1	15	795	2	83
JOHNSON CO	FATAL	1	1	1	1	0	0	0	0	0	0	0	0	0
	INJURY	212	59	22	52	52	12	23	1	4	11	71	0	1
	DAMAGE	889	194	49	245	189	53	11	3	3	4	232	1	5
	TOTAL	1102	254	72	298	241	65	34	4	7	15	303	1	6
HOLDEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	0	0	0	0	1	0	0	0	0
	DAMAGE	13	4	4	2	2	0	0	0	0	0	3	0	0
	TOTAL	16	5	4	3	2	0	0	0	1	0	3	0	0
KNOB NOSTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	0	1	2	4	1	1	0	1	0	1	0	0
	DAMAGE	51	8	3	15	8	2	2	0	0	0	15	0	0
	TOTAL	61	8	4	17	12	3	3	0	1	0	16	0	0
WARRENSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	61	13	9	17	17	1	10	1	2	7	11	0	0
	DAMAGE	422	49	27	142	101	22	1	1	3	4	41	0	1
	TOTAL	483	62	36	159	118	23	11	2	5	11	52	0	1
POP UNDER 1000	FATAL	1	1	1	1	0	0	0	0	0	0	0	0	0
	INJURY	138	45	12	32	31	10	12	0	0	4	59	0	1
	DAMAGE	403	133	15	86	78	29	8	2	0	0	173	1	4
	TOTAL	542	179	28	119	109	39	20	2	0	4	232	1	5
KNOX CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	1	4	1	3	2	2	0	1	0	4	0	0
	DAMAGE	26	6	2	6	8	8	0	0	0	0	9	0	0
	TOTAL	39	7	6	7	11	10	2	0	1	0	13	0	0
EDINA	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	0	1	1	0	0	0	0	1	0	0
	TOTAL	2	1	0	0	1	1	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	13	1	4	1	3	2	2	0	1	0	4	0	0
	DAMAGE	24	5	2	6	7	7	0	0	0	0	8	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL-BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	37	6	6	7	10	9	2	0	1	0	12	0	0
LACLEDE CO	FATAL	8	3	0	1	5	1	0	0	0	2	2	0	0
	INJURY	246	46	18	66	74	23	16	0	1	5	89	0	4
	DAMAGE	627	89	24	150	217	91	5	0	0	0	178	0	4
	TOTAL	881	138	42	217	296	115	21	0	1	7	269	0	8
LEBANON	FATAL	2	0	0	0	1	0	0	0	0	2	0	0	0
	INJURY	127	14	6	32	51	11	7	0	0	3	19	0	0
	DAMAGE	322	18	7	87	146	36	4	0	0	0	34	0	0
	TOTAL	451	32	13	119	198	47	11	0	0	5	53	0	0
POP UNDER 1000	FATAL	6	3	0	1	4	1	0	0	0	0	2	0	0
	INJURY	119	32	12	34	23	12	9	0	1	2	70	0	4
	DAMAGE	305	71	17	63	71	55	1	0	0	0	144	0	4
	TOTAL	430	106	29	98	98	68	10	0	1	2	216	0	8
LAFAYETTE CO	FATAL	3	1	0	1	2	0	0	0	0	0	2	0	0
	INJURY	130	40	11	37	32	14	10	0	1	6	52	0	0
	DAMAGE	524	124	13	122	148	65	4	3	0	0	177	1	6
	TOTAL	657	165	24	160	182	79	14	3	1	6	231	1	6
CONCORDIA	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	31	9	1	10	9	3	0	0	0	0	12	0	1
	TOTAL	32	9	1	10	10	3	0	0	0	0	12	0	1
HIGGINSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	0	0	4	6	0	1	0	0	2	0	0	0
	DAMAGE	54	5	1	16	28	7	1	0	0	0	9	1	0
	TOTAL	68	5	1	20	34	7	2	0	0	2	9	1	0
LEXINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	3	0	6	2	0	1	0	1	3	2	0	0
	DAMAGE	60	5	1	16	23	3	1	0	0	0	4	0	1
	TOTAL	74	8	1	22	25	3	2	0	1	3	6	0	1
ODESSA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	4	4	2	2	0	0	1	0	0	0
	DAMAGE	80	15	3	24	24	10	2	1	0	0	17	0	1
	TOTAL	89	16	3	28	28	12	4	1	0	1	17	0	1
POP UNDER 1000	FATAL	3	1	0	1	2	0	0	0	0	0	2	0	0
	INJURY	92	36	11	23	19	12	6	0	0	0	50	0	0
	DAMAGE	299	90	7	56	64	42	0	2	0	0	135	0	3
	TOTAL	394	127	18	80	85	54	6	2	0	0	187	0	3
LAWRENCE CO	FATAL	8	0	1	2	2	3	2	0	0	0	3	0	0
	INJURY	170	37	22	38	50	28	16	1	0	1	70	1	3
	DAMAGE	427	74	22	90	119	63	3	2	0	1	154	1	2
	TOTAL	605	111	45	130	171	94	21	3	0	2	227	2	5
AURORA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	2	3	11	13	1	4	0	0	0	7	0	0
	DAMAGE	83	12	1	16	31	6	1	0	0	0	18	0	0
	TOTAL	116	14	4	27	44	7	5	0	0	0	25	0	0
MARIONVILLE	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	9	2	3	0	4	1	0	0	0	0	2	0	0
	DAMAGE	17	1	1	7	4	2	0	0	0	0	3	0	0
	TOTAL	27	3	4	7	9	4	0	0	0	0	5	0	0
MONETT/LAW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	2	0	1	0	0	0	0	0	5	0	0
	DAMAGE	11	0	1	1	5	0	0	0	0	0	1	0	0
	TOTAL	16	1	3	1	6	0	0	0	0	0	6	0	0
MOUNT VERNON	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	41	3	2	14	19	4	0	2	0	0	5	0	0
	TOTAL	43	3	2	15	19	4	0	2	0	0	5	0	0
PIERCE 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	3	0	0	1	2	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	1	2	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
POP UNDER 1000	FATAL	7	0	1	2	1	2	2	0	0	0	3	0	0
	INJURY	121	32	14	26	32	26	12	1	0	1	56	1	3
	DAMAGE	272	58	17	51	58	51	2	0	0	1	127	1	2
	TOTAL	400	90	32	79	91	79	16	1	0	2	186	2	5
LEWIS CO	FATAL	3	1	0	2	2	2	0	0	0	0	1	0	0
	INJURY	38	16	4	11	12	5	1	0	0	1	19	0	0
	DAMAGE	91	23	0	14	30	17	1	2	0	1	25	0	0
	TOTAL	132	40	4	27	44	24	2	2	0	2	45	0	0
CANTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	3	2	2	0	0	0	0	0	0	0
	DAMAGE	16	2	0	4	5	1	1	1	0	0	2	0	0
	TOTAL	22	2	0	7	7	3	1	1	0	0	2	0	0
POP UNDER 1000	FATAL	3	1	0	2	2	2	0	0	0	0	1	0	0
	INJURY	32	16	4	8	10	3	1	0	0	1	19	0	0
	DAMAGE	75	21	0	10	25	16	0	1	0	1	23	0	0
	TOTAL	110	38	4	20	37	21	1	1	0	2	43	0	0
LINCOLN CO	FATAL	9	5	3	2	2	0	1	0	0	0	5	0	0
	INJURY	229	59	29	76	49	9	12	1	2	10	81	1	4
	DAMAGE	539	76	23	129	141	44	5	5	0	0	129	1	5
	TOTAL	777	140	55	207	192	53	18	6	2	10	215	2	9
ELSBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	0	3	0	0	0	1	0	1	0	0
	DAMAGE	5	0	0	2	4	0	0	0	0	0	0	0	0
	TOTAL	9	1	0	2	7	0	0	0	1	0	1	0	0
MOSCOW MILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	2	2	2	1	1	0	0	0	2	0	0
	DAMAGE	32	5	1	9	6	5	0	0	0	0	5	0	1
	TOTAL	42	6	3	11	8	6	1	0	0	0	7	0	1
TROY	FATAL	1	0	1	0	0	0	0	0	0	0	1	0	0
	INJURY	66	8	1	21	22	3	1	0	1	5	11	0	3
	DAMAGE	195	11	8	53	72	12	0	1	0	0	16	1	1
	TOTAL	262	19	10	74	94	15	1	1	1	5	28	1	4
POP UNDER 1000	FATAL	8	5	2	2	2	0	1	0	0	0	4	0	0
	INJURY	149	49	26	53	22	5	10	1	0	5	67	1	1
	DAMAGE	307	60	14	65	59	27	5	4	0	0	108	0	3
	TOTAL	464	114	42	120	83	32	16	5	0	5	179	1	4
LINN CO	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	50	13	5	13	21	5	1	0	1	0	16	0	1
	DAMAGE	167	33	7	33	53	20	4	1	0	0	40	0	0
	TOTAL	218	47	13	46	74	25	5	1	1	0	57	0	1
BROOKFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	1	2	9	1	0	0	1	0	2	0	0
	DAMAGE	71	8	0	14	36	8	2	0	0	0	9	0	0
	TOTAL	86	10	1	16	45	9	2	0	1	0	11	0	0
MARCELINE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	1	5	1	0	0	0	0	0	0	1
	DAMAGE	16	1	2	3	2	1	1	0	0	0	5	0	0
	TOTAL	21	1	2	4	7	2	1	0	0	0	5	0	1
POP UNDER 1000	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	30	11	4	10	7	3	1	0	0	0	14	0	0
	DAMAGE	80	24	5	16	15	11	1	1	0	0	26	0	0
	TOTAL	111	36	10	26	22	14	2	1	0	0	41	0	0
LIVINGSTON CO	FATAL	2	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	72	16	4	24	22	8	2	0	0	1	24	1	0
	DAMAGE	255	38	5	59	90	39	1	0	0	0	48	0	0
	TOTAL	329	54	9	83	112	48	3	0	0	1	73	1	0
CHILLICOTHE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	37	4	1	13	17	4	0	0	0	1	4	0	0
	DAMAGE	184	14	3	45	72	24	1	0	0	0	27	0	0
	TOTAL	221	18	4	58	89	28	1	0	0	1	31	0	0
POP UNDER 1000	FATAL	2	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	35	12	3	11	5	4	2	0	0	0	20	1	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
MC DONALD CO	DAMAGE	71	24	2	14	18	15	0	0	0	0	21	0	0
	TOTAL	108	36	5	25	23	20	2	0	0	0	42	1	0
	FATAL	1	1	1	0	1	0	0	0	0	0	0	0	0
	INJURY	138	55	29	20	34	5	21	0	2	0	69	2	1
	DAMAGE	218	60	22	40	52	27	2	0	0	0	76	0	0
	TOTAL	357	116	52	60	87	32	23	0	2	0	145	2	1
ANDERSON	FATAL	1	1	1	0	1	0	0	0	0	0	0	0	0
	INJURY	12	2	2	1	6	0	0	0	0	0	4	0	0
	DAMAGE	31	6	2	11	11	4	0	0	0	0	10	0	0
	TOTAL	44	9	5	12	18	4	0	0	0	0	14	0	0
GOODMAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	2	1	0	0	0	0	1	0	0	0	0
	DAMAGE	3	0	0	0	2	0	0	0	0	0	0	0	0
	TOTAL	5	0	2	1	2	0	0	0	1	0	0	0	0
NOEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	2	2	1	1	0	0	0	1	1	1
	DAMAGE	8	1	1	2	1	1	0	0	0	0	1	0	0
	TOTAL	12	1	1	4	3	2	1	0	0	0	2	1	1
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	120	53	25	16	26	4	20	0	1	0	64	1	0
	DAMAGE	176	53	19	27	38	22	2	0	0	0	65	0	0
	TOTAL	296	106	44	43	64	26	22	0	1	0	129	1	0
MACON CO	FATAL	3	0	0	1	3	1	0	0	0	0	0	0	0
	INJURY	77	23	7	24	22	2	8	0	1	5	30	0	0
	DAMAGE	202	46	5	56	70	20	0	0	0	0	57	0	3
	TOTAL	282	69	12	81	95	23	8	0	1	5	87	0	3
LA PLATA	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	15	2	0	3	7	0	0	0	0	0	4	0	0
	TOTAL	16	2	0	4	7	0	0	0	0	0	4	0	0
MACON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	6	0	11	11	1	2	0	1	5	3	0	0
	DAMAGE	85	20	2	34	33	7	0	0	0	0	18	0	1
	TOTAL	116	26	2	45	44	8	2	0	1	5	21	0	1
POP UNDER 1000	FATAL	3	0	0	1	3	1	0	0	0	0	0	0	0
	INJURY	45	17	7	12	11	1	6	0	0	0	27	0	0
	DAMAGE	102	24	3	19	30	13	0	0	0	0	35	0	2
	TOTAL	150	41	10	32	44	15	6	0	0	0	62	0	2
MADISON CO	FATAL	3	0	0	0	2	1	0	0	0	0	2	0	0
	INJURY	62	13	13	17	15	3	2	0	0	0	32	1	0
	DAMAGE	89	15	7	26	25	9	0	1	0	0	35	0	0
	TOTAL	154	28	20	43	42	13	2	1	0	0	69	1	0
FREDERICKTOWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	0	4	0	1	0	0	0	2	0	0
	DAMAGE	30	2	2	9	10	3	0	0	0	0	8	0	0
	TOTAL	36	2	2	9	14	3	1	0	0	0	10	0	0
POP UNDER 1000	FATAL	3	0	0	0	2	1	0	0	0	0	2	0	0
	INJURY	56	13	13	17	11	3	1	0	0	0	30	1	0
	DAMAGE	59	13	5	17	15	6	0	1	0	0	27	0	0
	TOTAL	118	26	18	34	28	10	1	1	0	0	59	1	0
MARIES CO	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	42	13	3	6	18	4	3	1	1	0	19	0	0
	DAMAGE	96	25	3	18	20	12	1	0	0	0	28	0	1
	TOTAL	139	38	7	24	39	16	4	1	1	0	47	0	1
BELLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	1	1	1	1	0	0	0	0	0	0	1	0	0
	TOTAL	2	1	1	2	1	0	0	0	0	0	1	0	0
VIENNA	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	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	1	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
POP UNDER 1000	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	40	13	3	5	16	4	3	1	1	0	18	0	0
	DAMAGE	95	24	2	17	20	12	1	0	0	0	27	0	1
	TOTAL	136	37	6	22	37	16	4	1	1	0	45	0	1
MARION CO	FATAL	3	1	1	1	2	1	0	0	0	1	2	0	0
	INJURY	152	38	12	27	49	19	5	0	1	1	56	1	0
	DAMAGE	623	100	24	124	190	85	4	6	0	0	134	1	4
	TOTAL	778	139	37	152	241	105	9	6	1	2	192	2	4
HANNIBAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	69	10	6	14	24	6	2	0	0	0	22	0	0
	DAMAGE	414	47	16	91	126	46	4	5	0	0	66	1	1
	TOTAL	483	57	22	105	150	52	6	5	0	0	88	1	1
MONROE 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	2	3	0	0	0	0	2	0	0
	TOTAL	5	1	0	0	2	3	0	0	0	0	2	0	0
PALMYRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	0	1	0	4	1	1	0	1	0	4	0	0
	DAMAGE	48	3	3	17	18	4	0	0	0	0	7	0	0
	TOTAL	62	3	4	17	22	5	1	0	1	0	11	0	0
POP UNDER 1000	FATAL	3	1	1	1	2	1	0	0	0	1	2	0	0
	INJURY	69	28	5	13	21	12	2	0	0	1	30	1	0
	DAMAGE	156	49	5	16	44	32	0	1	0	0	59	0	3
	TOTAL	228	78	11	30	67	45	2	1	0	2	91	1	3
MERCER CO	FATAL	4	1	1	1	2	0	0	0	0	0	1	0	0
	INJURY	22	7	3	7	7	1	3	0	0	0	10	0	0
	DAMAGE	22	7	2	3	5	6	1	0	0	0	10	0	0
	TOTAL	48	15	6	11	14	7	4	0	0	0	21	0	0
PRINCETON	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	4	1	0	0	1	2	0	0	0	0	3	0	0
	TOTAL	5	2	0	1	1	2	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	4	1	1	1	2	0	0	0	0	0	1	0	0
	INJURY	21	6	3	6	7	1	3	0	0	0	10	0	0
	DAMAGE	18	6	2	3	4	4	1	0	0	0	7	0	0
	TOTAL	43	13	6	10	13	5	4	0	0	0	18	0	0
MILLER CO	FATAL	10	6	4	0	2	1	1	0	0	0	6	0	0
	INJURY	140	46	23	33	39	9	13	0	0	1	58	2	2
	DAMAGE	358	74	20	85	110	37	1	3	0	0	111	0	3
	TOTAL	508	126	47	118	151	47	15	3	0	1	175	2	5
ELDON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	3	5	7	9	2	3	0	0	1	6	0	0
	DAMAGE	72	5	0	22	27	9	0	2	0	0	4	0	0
	TOTAL	96	8	5	29	36	11	3	2	0	1	10	0	0
LAKE OZA/MIL	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	25	10	3	4	5	3	0	0	0	0	8	1	2
	DAMAGE	83	13	3	16	30	8	0	0	0	0	21	0	2
	TOTAL	109	24	6	20	35	11	1	0	0	0	30	1	4
OSAGE BEA/MIL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	1	4	0	0	0	0	0	2	0	0
	DAMAGE	14	2	0	7	2	0	0	0	0	0	2	0	0
	TOTAL	20	2	0	8	6	0	0	0	0	0	4	0	0
POP UNDER 1000	FATAL	9	5	4	0	2	1	0	0	0	0	5	0	0
	INJURY	85	33	15	21	21	4	10	0	0	0	42	1	0
	DAMAGE	189	54	17	40	51	20	1	1	0	0	84	0	1
	TOTAL	283	92	36	61	74	25	11	1	0	0	131	1	1
MISSISSIPPI CO	FATAL	2	0	0	1	0	0	0	0	0	1	1	0	0
	INJURY	37	10	3	6	13	2	4	0	2	0	16	0	0
	DAMAGE	124	18	4	23	44	18	0	0	0	0	33	0	1
	TOTAL	163	28	7	30	57	20	4	0	2	1	50	0	1
CHARLESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	1	0	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	7	2	0	0	3	2	0	0	0	0	0	0	1
	TOTAL	8	2	0	1	3	2	0	0	0	0	1	0	1
EAST PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	1	3	0	1	0	2	0	0	0	0
	DAMAGE	35	1	2	11	16	2	0	0	0	0	3	0	0
	TOTAL	40	2	2	12	19	2	1	0	2	0	3	0	0
POP UNDER 1000	FATAL	2	0	0	1	0	0	0	0	0	1	1	0	0
	INJURY	31	9	3	4	10	2	3	0	0	0	15	0	0
	DAMAGE	82	15	2	12	25	14	0	0	0	0	30	0	0
	TOTAL	115	24	5	17	35	16	3	0	0	1	46	0	0
MONITEAU CO	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	50	19	4	9	19	4	6	0	0	0	23	0	0
	DAMAGE	206	49	10	42	66	24	1	0	0	0	66	0	0
	TOTAL	257	69	14	52	85	28	7	0	0	0	90	0	0
CALIFORNIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	1	4	3	1	2	0	0	0	3	0	0
	DAMAGE	72	6	3	15	25	10	0	0	0	0	9	0	0
	TOTAL	82	7	4	19	28	11	2	0	0	0	12	0	0
TIPTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	2	1	0	0	0	0	1	0	0
	DAMAGE	21	5	1	4	8	4	0	0	0	0	4	0	0
	TOTAL	25	5	1	4	10	5	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	36	18	3	5	14	2	4	0	0	0	19	0	0
	DAMAGE	113	38	6	23	33	10	1	0	0	0	53	0	0
	TOTAL	150	57	9	29	47	12	5	0	0	0	73	0	0
MONROE CO	FATAL	4	2	1	1	0	1	0	0	0	0	2	0	0
	INJURY	32	16	3	8	8	5	0	0	1	0	8	0	0
	DAMAGE	70	12	0	17	17	11	1	0	0	0	17	0	0
	TOTAL	106	30	4	26	25	17	1	0	1	0	27	0	0
MONROE CITY/MON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	12	2	0	6	4	2	0	0	0	0	2	0	0
	TOTAL	15	2	0	7	5	2	0	0	0	0	2	0	0
PARIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	1	0	0	0	0	0	0	0
	DAMAGE	7	0	0	3	1	2	0	0	0	0	1	0	0
	TOTAL	8	0	0	3	2	3	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	4	2	1	1	0	1	0	0	0	0	2	0	0
	INJURY	28	16	3	7	6	4	0	0	1	0	8	0	0
	DAMAGE	51	10	0	8	12	7	1	0	0	0	14	0	0
	TOTAL	83	28	4	16	18	12	1	0	1	0	24	0	0
MONTGOMERY CO	FATAL	4	0	0	1	2	0	0	0	0	0	2	0	0
	INJURY	78	24	6	12	29	12	7	0	0	0	30	3	0
	DAMAGE	245	60	10	40	62	57	1	0	0	0	109	1	4
	TOTAL	327	84	16	53	93	69	8	0	0	0	141	4	4
MONTGOMERY CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	1	4	0	1	0	0	0	0	0	0
	DAMAGE	20	2	0	6	5	3	0	0	0	0	4	0	0
	TOTAL	25	2	0	7	9	3	1	0	0	0	4	0	0
WELLSVILLE	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	6	0	0	0	3	3	0	0	0	0	0	0	1
	TOTAL	6	0	0	0	3	3	0	0	0	0	0	0	1
POP UNDER 1000	FATAL	4	0	0	1	2	0	0	0	0	0	2	0	0
	INJURY	73	24	6	11	25	12	6	0	0	0	30	3	0
	DAMAGE	219	58	10	34	54	51	1	0	0	0	105	1	3
	TOTAL	296	82	16	46	81	63	7	0	0	0	137	4	3
MORGAN CO	FATAL	6	4	3	0	1	1	2	0	0	0	3	0	0
	INJURY	95	49	21	21	23	5	8	0	0	0	55	0	0
	DAMAGE	197	40	8	40	68	25	1	1	0	1	54	0	1

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	298	93	32	61	92	31	11	1	0	1	112	0	1
VERSAILLES	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	1	0	0	1	0	0	0	0	0	1	0	0
	TOTAL	4	1	0	0	1	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	6	4	3	0	1	1	2	0	0	0	3	0	0
	INJURY	95	49	21	21	23	5	8	0	0	0	55	0	0
	DAMAGE	193	39	8	40	67	25	1	1	0	1	53	0	1
	TOTAL	294	92	32	61	91	31	11	1	0	1	111	0	1
NEW MADRID CO	FATAL	6	0	2	2	3	2	0	0	0	0	3	0	0
	INJURY	139	30	9	35	37	16	7	0	1	2	38	0	0
	DAMAGE	297	58	10	47	108	52	0	1	0	0	76	2	2
	TOTAL	442	88	21	84	148	70	7	1	1	2	117	2	2
GIDEON	FATAL	1	0	1	1	0	0	0	0	0	0	1	0	0
	INJURY	1	1	0	0	0	0	0	0	0	1	0	0	0
	DAMAGE	5	1	0	2	1	1	0	0	0	0	1	0	0
	TOTAL	7	2	1	3	1	1	0	0	0	1	2	0	0
LILBOURN	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	1	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	1	0	0	0	0	0	0	1	0	0
NEW MADRID	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	0	3	2	1	0	0	0	0	2	0	0
	DAMAGE	31	1	2	8	14	0	0	0	0	0	10	0	0
	TOTAL	39	1	2	11	16	1	0	0	0	0	12	0	0
PORTAGEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	1	3	0	0	0	0	0	2	0	0
	DAMAGE	22	1	0	2	12	1	0	0	0	0	2	0	0
	TOTAL	28	1	0	3	15	1	0	0	0	0	4	0	0
SIKESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	3	0	10	8	2	0	0	1	0	1	0	0
	DAMAGE	69	3	2	14	28	3	0	0	0	0	8	0	1
	TOTAL	94	6	2	24	36	5	0	0	1	0	9	0	1
POP UNDER 1000	FATAL	5	0	1	1	3	2	0	0	0	0	2	0	0
	INJURY	98	25	9	20	24	13	7	0	0	1	32	0	0
	DAMAGE	170	52	6	21	53	47	0	1	0	0	55	2	1
	TOTAL	273	77	16	42	80	62	7	1	0	1	89	2	1
NEWTON CO	FATAL	14	6	4	2	5	2	2	0	0	4	6	0	0
	INJURY	310	88	31	81	89	23	41	2	3	4	108	0	0
	DAMAGE	741	124	44	151	231	93	6	0	0	0	204	2	6
	TOTAL	1065	218	79	234	325	118	49	2	3	8	318	2	6
GRANBY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	1	0	0	0	0	0	0	0
	DAMAGE	4	2	0	0	2	0	0	0	0	0	0	0	1
	TOTAL	5	3	0	0	2	1	0	0	0	0	0	0	1
JOPLIN	FATAL	2	1	1	0	0	0	0	0	0	1	1	0	0
	INJURY	54	7	4	10	20	6	7	0	2	0	9	0	0
	DAMAGE	217	20	6	36	83	38	0	0	0	0	41	2	1
	TOTAL	273	28	11	46	103	44	7	0	2	1	51	2	1
NEOSHO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	61	10	3	18	24	4	4	0	0	4	11	0	0
	DAMAGE	141	7	8	35	45	14	1	0	0	0	23	0	1
	TOTAL	202	17	11	53	69	18	5	0	0	4	34	0	1
SENECA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	1	1	5	2	1	0	0	0	2	0	0
	DAMAGE	34	4	1	8	11	3	2	0	0	0	3	0	0
	TOTAL	43	6	2	9	16	5	3	0	0	0	5	0	0
POP UNDER 1000	FATAL	12	5	3	2	5	2	2	0	0	3	5	0	0
	INJURY	185	68	23	52	40	10	29	2	1	0	86	0	0
	DAMAGE	345	91	29	72	90	38	3	0	0	0	137	0	3
	TOTAL	542	164	55	126	135	50	34	2	1	3	228	0	3

TABLE 4.0.1

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COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
NODAWAY CO	FATAL	5	2	1	1	2	2	0	0	0	0	2	0	0
	INJURY	81	26	5	30	30	4	1	0	0	0	22	0	1
	DAMAGE	311	61	6	108	86	23	2	1	0	0	65	0	1
	TOTAL	397	89	12	139	118	29	3	1	0	0	89	0	2
MARYVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	41	7	2	18	18	1	1	0	0	0	1	0	0
	DAMAGE	199	23	3	79	55	11	2	1	0	0	15	0	1
	TOTAL	240	30	5	97	73	12	3	1	0	0	16	0	1
POP UNDER 1000	FATAL	5	2	1	1	2	2	0	0	0	0	2	0	0
	INJURY	40	19	3	12	12	3	0	0	0	0	21	0	1
	DAMAGE	112	38	3	29	31	12	0	0	0	0	50	0	0
	TOTAL	157	59	7	42	45	17	0	0	0	0	73	0	1
OREGON CO	FATAL	4	2	0	1	2	2	1	0	0	0	2	0	0
	INJURY	63	18	8	13	18	4	2	1	0	1	35	0	0
	DAMAGE	118	27	9	22	40	11	0	0	0	0	49	0	0
	TOTAL	185	47	17	36	60	17	3	1	0	1	86	0	0
THAYER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	1	0	4	1	0	0	0	1	2	0	0
	DAMAGE	22	2	3	3	13	4	0	0	0	0	8	0	0
	TOTAL	29	3	4	3	17	5	0	0	0	1	10	0	0
POP UNDER 1000	FATAL	4	2	0	1	2	2	1	0	0	0	2	0	0
	INJURY	56	17	7	13	14	3	2	1	0	0	33	0	0
	DAMAGE	96	25	6	19	27	7	0	0	0	0	41	0	0
	TOTAL	156	44	13	33	43	12	3	1	0	0	76	0	0
OSAGE CO	FATAL	3	1	1	0	1	0	0	0	0	0	2	0	0
	INJURY	85	38	5	27	23	5	4	0	0	2	36	0	0
	DAMAGE	169	46	8	44	47	32	0	1	0	0	67	1	0
	TOTAL	257	85	14	71	71	37	4	1	0	2	105	1	0
LINN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	1	3	2	1	0	0	0	1	0	0	0
	DAMAGE	25	2	0	12	6	4	0	0	0	0	1	0	0
	TOTAL	33	4	1	15	8	5	0	0	0	1	1	0	0
POP UNDER 1000	FATAL	3	1	1	0	1	0	0	0	0	0	2	0	0
	INJURY	77	36	4	24	21	4	4	0	0	1	36	0	0
	DAMAGE	144	44	8	32	41	28	0	1	0	0	66	1	0
	TOTAL	224	81	13	56	63	32	4	1	0	1	104	1	0
OZARK CO	FATAL	4	2	1	0	3	0	0	0	0	0	3	0	0
	INJURY	45	16	8	10	18	1	2	0	0	1	34	0	1
	DAMAGE	71	15	9	17	24	7	0	0	0	0	26	0	0
	TOTAL	120	33	18	27	45	8	2	0	0	1	63	0	1
POP UNDER 1000	FATAL	4	2	1	0	3	0	0	0	0	0	3	0	0
	INJURY	45	16	8	10	18	1	2	0	0	1	34	0	1
	DAMAGE	71	15	9	17	24	7	0	0	0	0	26	0	0
	TOTAL	120	33	18	27	45	8	2	0	0	1	63	0	1
PEMISCOT CO	FATAL	5	1	1	0	2	3	0	0	0	1	1	0	0
	INJURY	121	19	15	18	34	22	4	0	6	4	42	1	0
	DAMAGE	249	44	13	42	77	55	0	1	0	0	73	2	3
	TOTAL	375	64	29	60	113	80	4	1	6	5	116	3	3
CARUTHERSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	1	2	6	8	2	0	0	1	1	3	0	0
	DAMAGE	50	2	5	13	14	3	0	1	0	0	6	0	1
	TOTAL	73	3	7	19	22	5	0	1	1	1	9	0	1
HAYTI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	1	3	1	4	0	0	0	3	1	4	0	0
	DAMAGE	39	5	3	7	16	5	0	0	0	0	8	0	2
	TOTAL	52	6	6	8	20	5	0	0	3	1	12	0	2
STEELE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	1	1	3	2	0	0	1	0	0	0	0
	DAMAGE	15	1	1	3	5	3	0	0	0	0	1	0	0
	TOTAL	21	1	2	4	8	5	0	0	1	0	1	0	0
POP UNDER 1000	FATAL	5	1	1	0	2	3	0	0	0	1	1	0	0
	INJURY	79	17	9	10	19	18	4	0	1	2	35	1	0

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CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
PERRY CO	DAMAGE	145	36	4	19	42	44	0	0	0	0	58	2	0
	TOTAL	229	54	14	29	63	65	4	0	1	3	94	3	0
	FATAL	6	3	0	2	4	2	0	0	0	0	2	0	0
	INJURY	94	17	8	24	32	8	5	0	0	0	38	0	0
	DAMAGE	328	64	18	88	91	51	0	2	0	0	91	1	1
PERRYVILLE	TOTAL	428	84	26	114	127	61	5	2	0	0	131	1	1
PERRYVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	37	0	0	12	18	3	1	0	0	0	7	0	0
	DAMAGE	179	25	8	50	60	30	0	2	0	0	28	1	1
	TOTAL	216	25	8	62	78	33	1	2	0	0	35	1	1
POP UNDER 1000	FATAL	6	3	0	2	4	2	0	0	0	0	2	0	0
	INJURY	57	17	8	12	14	5	4	0	0	0	31	0	0
	DAMAGE	149	39	10	38	31	21	0	0	0	0	63	0	0
	TOTAL	212	59	18	52	49	28	4	0	0	0	96	0	0
PETTIS CO	FATAL	5	2	2	0	3	1	1	0	0	0	2	0	0
	INJURY	284	54	18	80	91	15	17	0	4	11	59	0	1
	DAMAGE	1007	146	34	248	323	108	6	7	1	0	155	2	7
	TOTAL	1296	202	54	328	417	124	24	7	5	11	216	2	8
LA MONTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	1	2	1	0	1	0	0	0	1	0	0
	DAMAGE	5	0	0	2	3	0	0	0	0	0	0	0	0
	TOTAL	8	0	1	4	4	0	1	0	0	0	1	0	0
SEDALIA	FATAL	1	0	0	0	1	1	1	0	0	0	0	0	0
	INJURY	166	18	3	46	66	11	9	0	3	6	12	0	0
	DAMAGE	703	72	18	189	243	76	5	3	1	0	61	1	3
	TOTAL	870	90	21	235	310	88	15	3	4	6	73	1	3
POP UNDER 1000	FATAL	4	2	2	0	2	0	0	0	0	0	2	0	0
	INJURY	115	36	14	32	24	4	7	0	1	5	46	0	1
	DAMAGE	299	74	16	57	77	32	1	4	0	0	94	1	4
	TOTAL	418	112	32	89	103	36	8	4	1	5	142	1	5
PHELPS CO	FATAL	10	5	2	2	2	1	0	0	0	0	7	0	0
	INJURY	289	75	26	71	69	23	12	1	5	10	123	0	4
	DAMAGE	1047	229	33	225	292	165	11	6	0	1	349	1	5
	TOTAL	1346	309	61	298	363	189	23	7	5	11	479	1	9
ROLLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	131	17	7	33	41	8	5	0	4	6	25	0	1
	DAMAGE	558	72	12	145	176	83	7	5	0	1	86	0	3
	TOTAL	689	89	19	178	217	91	12	5	4	7	111	0	4
ST. JAMES	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	21	3	3	6	6	2	1	0	1	1	7	0	1
	DAMAGE	79	17	2	15	23	11	0	0	0	0	29	1	0
	TOTAL	101	20	5	21	29	13	1	0	1	1	37	1	1
POP UNDER 1000	FATAL	9	5	2	2	2	1	0	0	0	0	6	0	0
	INJURY	137	55	16	32	22	13	6	1	0	3	91	0	2
	DAMAGE	410	140	19	65	93	71	4	1	0	0	234	0	2
	TOTAL	556	200	37	99	117	85	10	2	0	3	331	0	4
PIKE CO	FATAL	4	0	0	0	2	3	0	0	0	4	0	1	0
	INJURY	47	12	7	13	14	5	1	0	2	1	23	0	0
	DAMAGE	223	37	3	41	75	25	1	2	0	1	32	3	0
	TOTAL	274	49	10	54	91	33	2	2	2	6	55	4	0
BOWLING GREEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	0	0	4	4	1	0	0	1	1	1	0	0
	DAMAGE	62	9	0	17	27	4	0	1	0	1	3	1	0
	TOTAL	71	9	0	21	31	5	0	1	1	2	4	1	0
CURRYVILLE	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
LOUISIANA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	1	5	0	0	0	0	1	0	3	0	0
	DAMAGE	72	9	1	12	24	7	0	0	0	0	9	1	0
	TOTAL	79	10	2	17	24	7	0	0	1	0	12	1	0

TABLE 4.0.1

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CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
POP UNDER 1000	FATAL	4	0	0	0	2	3	0	0	0	4	0	1	0
	INJURY	31	11	6	4	10	4	1	0	0	0	19	0	0
	DAMAGE	88	19	2	12	24	14	1	1	0	0	20	1	0
	TOTAL	123	30	8	16	36	21	2	1	0	4	39	2	0
PLATTE CO	FATAL	10	3	1	4	4	2	1	0	0	2	5	0	0
	INJURY	461	102	24	86	136	33	30	1	7	12	139	1	8
	DAMAGE	1733	308	50	343	448	164	5	16	2	1	403	1	29
	TOTAL	2204	413	75	433	588	199	36	17	9	15	547	2	37
KANSAS CITY	FATAL	4	2	1	2	1	0	0	0	0	1	2	0	0
	INJURY	252	44	17	54	62	9	7	0	6	11	60	0	5
	DAMAGE	908	129	25	177	222	67	4	4	1	1	178	0	14
	TOTAL	1164	175	43	233	285	76	11	4	7	13	240	0	19
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	8	1	0	2	5	1	0	1	0	0	5	0	0
	TOTAL	8	1	0	2	5	1	0	1	0	0	5	0	0
PARKVILLE	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	36	8	1	7	13	1	3	0	0	0	17	0	0
	DAMAGE	192	34	1	55	56	17	0	3	0	0	35	0	2
	TOTAL	229	42	2	62	70	18	3	3	0	0	53	0	2
PLATTE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	9	1	4	12	3	3	1	0	1	7	0	0
	DAMAGE	165	20	5	33	56	28	0	2	1	0	41	0	3
	TOTAL	199	29	6	37	68	31	3	3	1	1	48	0	3
RIVERSIDE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	11	2	6	13	2	2	0	1	0	15	0	0
	DAMAGE	117	28	7	20	29	14	0	2	0	0	41	1	0
	TOTAL	156	39	9	26	42	16	2	2	1	0	56	1	0
WEATHERBY LAKE	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	1	0	0	1	0	0	1	0	0
	TOTAL	4	0	0	0	1	0	0	1	0	0	1	0	0
WESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	0	0	2	0	1	0	0	0	3	0	0
	DAMAGE	20	7	1	1	6	2	0	1	0	0	9	0	0
	TOTAL	24	9	1	1	8	2	1	1	0	0	12	0	0
POP UNDER 1000	FATAL	5	1	0	2	2	2	1	0	0	1	2	0	0
	INJURY	95	28	3	15	34	18	14	0	0	0	36	1	3
	DAMAGE	317	87	11	54	73	35	1	2	0	0	92	0	10
	TOTAL	417	116	14	71	109	55	16	2	0	1	130	1	13
POLK CO	FATAL	9	7	4	1	2	2	1	0	0	0	5	0	0
	INJURY	142	63	14	47	45	9	3	1	0	1	52	0	0
	DAMAGE	289	73	10	74	100	31	1	0	0	0	87	2	2
	TOTAL	440	143	28	122	147	42	5	1	0	1	144	2	2
BOLIVAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	7	3	13	19	2	0	0	0	0	8	0	0
	DAMAGE	136	19	0	44	58	16	0	0	0	0	18	1	0
	TOTAL	175	26	3	57	77	18	0	0	0	0	26	1	0
POP UNDER 1000	FATAL	9	7	4	1	2	2	1	0	0	0	5	0	0
	INJURY	103	56	11	34	26	7	3	1	0	1	44	0	0
	DAMAGE	153	54	10	30	42	15	1	0	0	0	69	1	2
	TOTAL	265	117	25	65	70	24	5	1	0	1	118	1	2
PULASKI CO	FATAL	10	5	5	4	2	4	0	0	0	0	5	0	0
	INJURY	239	68	27	52	57	21	21	1	1	5	100	0	1
	DAMAGE	678	142	37	161	116	50	7	3	0	0	220	1	6
	TOTAL	927	215	69	217	175	75	28	4	1	5	325	1	7
CROCKER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	7	0	0	0	3	0	0	0	0	0	2	0	0
	TOTAL	8	1	0	0	4	0	0	0	0	0	2	0	0
DIXON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
RICHLAND/PUL	INJURY	11	4	1	2	3	1	1	0	0	2	4	0	0
	DAMAGE	27	2	0	6	6	0	0	0	0	0	7	0	0
	TOTAL	38	6	1	8	9	1	1	0	0	2	11	0	0
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
ST. ROBERT	INJURY	5	1	0	1	2	0	1	0	0	0	2	0	0
	DAMAGE	11	2	1	1	3	1	0	0	0	0	3	0	0
	TOTAL	16	3	1	2	5	1	1	0	0	0	5	0	0
	FATAL	1	1	1	0	0	1	0	0	0	0	1	0	0
WAYNESVILLE	INJURY	84	16	5	17	26	11	8	1	0	2	20	0	0
	DAMAGE	247	34	13	62	46	16	2	0	0	0	47	0	3
	TOTAL	332	51	19	79	72	28	10	1	0	2	68	0	3
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
POP UNDER 1000	INJURY	31	7	5	7	8	1	1	0	1	0	10	0	1
	DAMAGE	149	26	7	36	23	11	1	2	0	0	41	0	2
	TOTAL	180	33	12	43	31	12	2	2	1	0	51	0	3
	FATAL	9	4	4	4	2	3	0	0	0	0	4	0	0
PUTNAM CO	INJURY	107	39	16	25	17	8	10	0	0	1	64	0	0
	DAMAGE	237	78	16	56	35	22	4	1	0	0	120	1	1
	TOTAL	353	121	36	85	54	33	14	1	0	1	188	1	1
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
UNIONVILLE	INJURY	25	9	4	9	5	1	1	0	0	0	15	0	0
	DAMAGE	44	13	1	9	14	10	1	0	0	0	15	0	0
	TOTAL	69	22	5	18	19	11	2	0	0	0	30	0	0
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
POP UNDER 1000	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	12	2	0	3	7	1	1	0	0	0	3	0	0
	TOTAL	12	2	0	3	7	1	1	0	0	0	3	0	0
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
RALLS CO	INJURY	25	9	4	9	5	1	1	0	0	0	15	0	0
	DAMAGE	32	11	1	6	7	9	0	0	0	0	12	0	0
	TOTAL	57	20	5	15	12	10	1	0	0	0	27	0	0
	FATAL	2	0	1	0	0	0	1	0	0	0	1	0	0
HANNIBAL/RAL	INJURY	60	19	9	15	15	9	2	1	0	0	30	0	0
	DAMAGE	127	45	1	24	43	37	1	2	0	0	39	1	0
	TOTAL	189	64	11	39	58	46	4	3	0	0	70	1	0
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW LONDON	INJURY	2	0	1	0	1	0	1	0	0	0	1	0	0
	DAMAGE	8	2	0	4	4	0	0	0	0	0	2	0	0
	TOTAL	10	2	1	4	5	0	1	0	0	0	3	0	0
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
POP UNDER 1000	INJURY	56	19	8	14	13	9	1	1	0	0	29	0	0
	DAMAGE	104	38	1	17	31	32	1	1	0	0	34	0	0
	TOTAL	162	57	10	31	44	41	3	2	0	0	64	0	0
	FATAL	2	0	1	0	0	0	1	0	0	0	1	0	0
RANDOLPH CO	INJURY	126	32	6	30	51	9	5	0	3	2	27	0	0
	DAMAGE	374	81	10	77	126	30	0	2	0	0	85	0	1
	TOTAL	503	114	16	108	178	40	5	2	3	2	113	0	1
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNTSVILLE	INJURY	1	0	1	0	0	0	0	0	0	0	1	0	0
	DAMAGE	3	0	1	0	1	0	0	0	0	0	1	0	0
	TOTAL	4	0	2	0	1	0	0	0	0	0	2	0	0
	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
MOBERLY	INJURY	85	15	3	20	40	7	3	0	3	2	10	0	0
	DAMAGE	263	44	3	60	100	19	0	1	0	0	42	0	1
	TOTAL	349	59	6	80	141	27	3	1	3	2	52	0	1
	FATAL	2	1	0	1	0	0	0	0	0	0	1	0	0
POP UNDER 1000	INJURY	40	17	2	10	11	2	2	0	0	0	16	0	0
	DAMAGE	108	37	6	17	25	11	0	1	0	0	42	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	150	55	8	28	36	13	2	1	0	0	59	0	0
RAY CO	FATAL	3	0	1	0	1	0	0	0	0	0	2	0	0
	INJURY	92	42	12	23	27	6	4	1	0	1	49	0	1
	DAMAGE	212	56	15	47	73	20	1	1	0	0	64	0	0
	TOTAL	307	98	28	70	101	26	5	2	0	1	115	0	1
EXCELS SPGS/RAY	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	1	0	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	1	0	0	0	0	0	0	0	0	0
LAWSON/RAY	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	0	0	0
	DAMAGE	15	1	1	5	4	1	0	0	0	0	5	0	0
	TOTAL	19	2	1	8	5	1	0	0	0	0	5	0	0
RICHMOND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	4	1	1	7	2	2	0	0	0	2	0	0
	DAMAGE	77	5	1	16	39	7	0	1	0	0	12	0	0
	TOTAL	93	9	2	17	46	9	2	1	0	0	14	0	0
POP UNDER 1000	FATAL	3	0	1	0	1	0	0	0	0	0	2	0	0
	INJURY	72	37	11	19	19	4	2	1	0	1	47	0	1
	DAMAGE	118	50	13	25	30	12	1	0	0	0	48	0	0
	TOTAL	193	87	25	44	50	16	3	1	0	1	97	0	1
REYNOLDS CO	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	33	18	9	6	7	3	1	0	0	0	24	2	0
	DAMAGE	74	14	6	13	26	11	0	0	0	0	24	0	0
	TOTAL	108	33	16	19	33	14	1	0	0	0	49	2	0
POP UNDER 1000	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	33	18	9	6	7	3	1	0	0	0	24	2	0
	DAMAGE	74	14	6	13	26	11	0	0	0	0	24	0	0
	TOTAL	108	33	16	19	33	14	1	0	0	0	49	2	0
RIPLEY CO	FATAL	4	1	2	0	1	0	0	0	0	0	4	0	0
	INJURY	114	45	15	26	22	3	8	0	0	0	55	0	0
	DAMAGE	164	41	13	40	45	10	1	1	0	0	57	0	1
	TOTAL	282	87	30	66	68	13	9	1	0	0	116	0	1
DONIPHAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	1	0	3	3	0	0	0	0	0	4	0	0
	DAMAGE	36	8	0	14	10	1	0	0	0	0	5	0	0
	TOTAL	50	9	0	17	13	1	0	0	0	0	9	0	0
POP UNDER 1000	FATAL	4	1	2	0	1	0	0	0	0	0	4	0	0
	INJURY	100	44	15	23	19	3	8	0	0	0	51	0	0
	DAMAGE	128	33	13	26	35	9	1	1	0	0	52	0	1
	TOTAL	232	78	30	49	55	12	9	1	0	0	107	0	1
ST. CHARLES CO	FATAL	28	11	8	4	3	7	3	0	0	4	9	1	0
	INJURY	1548	310	116	425	453	73	114	4	25	37	299	1	28
	DAMAGE	6090	791	214	1748	1714	531	27	48	3	5	887	3	143
	TOTAL	7666	1112	338	2177	2170	611	144	52	28	46	1195	5	171
COTTLEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	4	1	12	10	0	6	0	0	2	2	0	0
	DAMAGE	148	22	3	85	27	5	0	0	0	1	19	0	4
	TOTAL	177	26	4	97	37	5	6	0	0	3	21	0	4
DARDENNE PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	0	0	10	6	0	1	0	0	0	0	0	0
	DAMAGE	75	14	2	31	19	4	0	1	0	0	8	0	0
	TOTAL	92	14	2	41	25	4	1	1	0	0	8	0	0
FORISTELL	FATAL	1	0	0	1	0	0	0	0	0	1	0	0	0
	INJURY	13	3	1	3	6	2	1	1	0	0	3	0	0
	DAMAGE	69	6	2	13	18	20	0	0	0	0	23	0	1
	TOTAL	83	9	3	17	24	22	1	1	0	1	26	0	1
LAKE ST. LOUIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	51	11	6	16	14	0	1	0	2	2	10	0	2
	DAMAGE	230	39	6	67	68	22	1	1	0	0	49	0	1
	TOTAL	281	50	12	83	82	22	2	1	2	2	59	0	3

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
OFALLON	FATAL	2	2	0	0	1	0	0	0	0	0	0	0	0
	INJURY	336	50	11	110	115	21	20	1	5	6	45	0	1
	DAMAGE	1221	130	34	377	346	97	2	13	0	1	146	0	5
	TOTAL	1559	182	45	487	462	118	22	14	5	7	191	0	6
ST. CHARLES	FATAL	3	2	1	0	0	1	0	0	0	1	1	0	0
	INJURY	294	55	28	60	83	13	17	1	8	15	44	1	3
	DAMAGE	1522	178	79	330	423	101	10	8	1	2	215	0	4
	TOTAL	1819	235	108	390	506	115	27	9	9	18	260	1	7
ST. PAUL	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	3	0	2	0	1	0	0	0	0	2	0	0
	TOTAL	4	3	0	2	1	1	0	0	0	0	2	0	0
ST. PETERS	FATAL	5	0	2	0	1	1	0	0	0	1	2	0	0
	INJURY	304	46	18	78	99	13	19	0	7	7	33	0	10
	DAMAGE	1162	121	33	365	361	103	3	11	1	0	115	1	64
	TOTAL	1471	167	53	443	461	117	22	11	8	8	150	1	74
WELDON SPRING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	7	3	10	3	0	0	0	0	0	6	0	0
	DAMAGE	71	11	4	17	18	6	1	0	0	0	15	1	0
	TOTAL	87	18	7	27	21	6	1	0	0	0	21	1	0
WENTZVILLE	FATAL	3	0	1	0	0	1	0	0	0	0	1	1	0
	INJURY	98	20	4	26	26	10	6	0	1	1	25	0	2
	DAMAGE	428	64	15	129	129	58	5	8	0	0	90	0	6
	TOTAL	529	84	20	155	155	69	11	8	1	1	116	1	8
POP UNDER 1000	FATAL	14	7	4	3	1	4	3	0	0	1	5	0	0
	INJURY	393	115	44	101	92	15	43	2	2	4	131	0	10
	DAMAGE	1175	203	38	334	308	119	5	6	1	1	208	1	58
	TOTAL	1582	325	86	438	401	138	51	8	3	6	344	1	68
ST. CLAIR CO	FATAL	2	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	63	11	3	10	27	11	6	1	0	1	23	0	0
	DAMAGE	91	15	5	16	31	14	0	1	0	1	34	0	0
	TOTAL	156	26	8	26	58	26	6	2	0	2	58	0	0
APPLETON CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	1	0	0	0
	DAMAGE	7	0	0	0	2	2	0	0	0	1	1	0	0
	TOTAL	8	0	0	0	3	2	0	0	0	2	1	0	0
COLLINS	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	0	0	0
	TOTAL	2	0	0	0	2	0	0	0	0	0	0	0	0
LOWRY 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	2	1	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	2	1	0	1	0	0	0	0	0	0	0	0	0
OSCEOLA	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	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	1	0	0	0	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	2	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	61	10	3	10	26	11	6	1	0	0	22	0	0
	DAMAGE	79	14	5	15	27	12	0	1	0	0	33	0	0
	TOTAL	142	24	8	25	53	24	6	2	0	0	56	0	0
ST. FRANCOIS CO	FATAL	11	7	5	2	2	1	2	0	0	0	6	0	0
	INJURY	265	69	26	73	76	10	16	1	4	8	101	0	0
	DAMAGE	895	156	39	202	276	74	3	4	2	1	217	2	7
	TOTAL	1171	232	70	277	354	85	21	5	6	9	324	2	7
BISMARCK	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	1	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	1	0	0
BONNE TERRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	0	0	1	3	0	1	0	0	1	3	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	DAMAGE	59	8	0	13	14	5	0	1	0	0	7	0	0
	TOTAL	68	8	0	14	17	5	1	1	0	1	10	0	0
DESLOGE	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	23	5	1	6	10	0	2	0	0	0	6	0	0
	DAMAGE	83	7	2	14	25	10	0	1	1	0	12	1	1
	TOTAL	107	12	4	20	35	10	2	1	1	0	18	1	1
FARMINGTON	FATAL	2	1	0	1	0	0	1	0	0	0	1	0	0
	INJURY	62	5	4	13	24	2	6	1	1	3	8	0	0
	DAMAGE	335	36	8	83	126	21	2	1	1	1	36	1	1
	TOTAL	399	42	12	97	150	23	9	2	2	4	45	1	1
LEADINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	1	3	0	1	0	0	0	0	2	0	0
	DAMAGE	22	6	1	3	6	1	0	0	0	0	5	0	1
	TOTAL	26	6	2	6	6	2	0	0	0	0	7	0	1
LEADWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	1	1	0	0	0	0	2	0	0	0
	DAMAGE	1	1	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	6	1	1	2	1	0	0	0	0	2	0	0	0
PARK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	4	0	11	6	0	3	0	2	1	8	0	0
	DAMAGE	107	5	2	27	36	13	0	0	0	0	15	0	0
	TOTAL	142	9	2	38	42	13	3	0	2	1	23	0	0
POP UNDER 1000	FATAL	8	6	4	1	2	1	1	0	0	0	5	0	0
	INJURY	127	55	19	38	32	7	4	0	1	1	74	0	0
	DAMAGE	287	93	26	61	68	24	1	1	0	0	141	0	4
	TOTAL	422	154	49	100	102	32	6	1	1	1	220	0	4
ST. LOUIS CO	FATAL	47	11	13	6	18	5	5	0	0	7	20	0	1
	INJURY	5545	1012	273	1222	1994	332	192	24	109	229	893	2	79
	DAMAGE	20989	2629	512	4672	6905	1688	67	148	19	21	2450	14	269
	TOTAL	26581	3652	798	5900	8917	2025	264	172	128	257	3363	16	349
BALLWIN	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	88	6	3	23	42	3	1	1	1	3	13	0	1
	DAMAGE	332	42	13	95	118	17	0	2	0	0	54	0	2
	TOTAL	421	48	16	118	161	20	1	3	1	3	67	0	3
BELLA VILLA	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
BELLEFONTAINE NB	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	82	25	5	14	28	11	5	1	0	5	23	0	1
	DAMAGE	184	38	9	25	45	22	0	2	0	0	37	0	4
	TOTAL	266	63	14	39	73	33	5	3	0	5	60	0	5
BEL-NOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	1	0	0	0	0	0	0	0
	DAMAGE	8	0	0	2	0	2	0	0	0	0	2	0	0
	TOTAL	10	0	0	2	2	3	0	0	0	0	2	0	0
BEL-RIDGE	FATAL	2	0	0	2	1	0	0	0	0	1	1	0	0
	INJURY	32	10	4	6	7	2	2	0	0	2	9	0	0
	DAMAGE	101	10	0	22	28	6	1	0	0	0	19	0	0
	TOTAL	135	20	4	30	36	8	3	0	0	3	29	0	0
BERKELEY	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	114	34	2	19	27	9	5	0	0	2	37	0	6
	DAMAGE	326	73	7	60	99	34	2	2	0	0	62	0	12
	TOTAL	441	107	10	79	126	43	7	2	0	2	99	0	18
BLACK JACK	FATAL	1	0	1	0	1	0	0	0	0	0	1	0	0
	INJURY	8	2	1	3	3	0	0	0	0	1	5	0	0
	DAMAGE	51	4	1	14	19	1	0	1	0	0	8	0	0
	TOTAL	60	6	3	17	23	1	0	1	0	1	14	0	0
BRECKENRIDGE HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	1	4	0	8	0	0	0	1	3	0	0	0
	DAMAGE	49	3	1	9	16	2	0	0	0	0	7	0	0
	TOTAL	63	4	5	9	24	2	0	0	1	3	7	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
BRENTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	41	5	0	6	16	0	1	0	2	2	7	0	0
	DAMAGE	170	4	2	25	57	15	0	0	0	0	11	0	3
	TOTAL	211	9	2	31	73	15	1	0	2	2	18	0	3
BRIDGETON	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	206	50	7	38	72	23	4	1	2	4	39	0	2
	DAMAGE	463	54	13	67	159	71	2	0	0	0	61	1	11
	TOTAL	670	104	21	105	231	94	6	1	2	4	100	1	13
CALVERTON PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	16	2	1	1	5	2	0	2	0	0	5	0	0
	TOTAL	20	3	1	2	6	2	0	2	0	0	5	0	0
CHARLACK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	0	0	1	0	0	0	0	2	0	0
	DAMAGE	18	1	0	1	6	1	0	1	0	0	1	0	0
	TOTAL	23	2	0	1	6	2	0	1	0	0	3	0	0
CHESTERFIELD	FATAL	2	0	2	0	0	0	0	0	0	0	0	0	0
	INJURY	316	48	10	85	126	12	5	3	1	7	44	0	17
	DAMAGE	1129	156	32	293	392	67	0	8	0	0	144	0	30
	TOTAL	1447	204	44	378	518	79	5	11	1	7	188	0	47
CLARKSON VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	3	2	0	0	0	0	0	0	0	0
	DAMAGE	25	2	0	12	6	1	0	0	0	0	3	0	0
	TOTAL	29	2	0	15	8	1	0	0	0	0	3	0	0
CLAYTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	101	10	3	13	45	5	4	0	3	10	9	0	2
	DAMAGE	398	37	9	57	126	38	3	2	1	0	58	0	3
	TOTAL	499	47	12	70	171	43	7	2	4	10	67	0	5
COOL VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	3	0	4	2	2	0	0	1	0	4	0	1
	DAMAGE	51	13	0	10	14	5	0	0	0	1	11	0	0
	TOTAL	64	16	0	14	16	7	0	0	1	1	15	0	1
COUNTRY CLUB HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	3	0	3	4	1	0	0	1	0	0	0	0
	DAMAGE	46	10	2	9	12	5	0	0	0	0	6	0	1
	TOTAL	58	13	2	12	16	6	0	0	1	0	6	0	1
CRESTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	2	2	6	13	2	1	0	1	0	4	0	1
	DAMAGE	68	8	1	9	33	11	0	0	0	1	11	0	1
	TOTAL	96	10	3	15	46	13	1	0	1	1	15	0	2
CREVE COEUR	FATAL	3	0	0	0	1	0	0	0	0	1	1	0	0
	INJURY	267	37	7	52	118	11	4	0	5	5	25	0	1
	DAMAGE	861	109	10	160	345	49	2	2	1	1	69	0	3
	TOTAL	1131	146	17	212	464	60	6	2	6	7	95	0	4
DELLWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	30	6	1	7	5	1	2	0	0	4	7	0	0
	DAMAGE	86	9	1	24	17	9	0	1	0	0	10	0	0
	TOTAL	116	15	2	31	22	10	2	1	0	4	17	0	0
DES PERES	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	88	14	1	19	31	3	2	0	0	0	13	0	0
	DAMAGE	342	41	5	81	139	27	0	0	0	0	24	0	4
	TOTAL	431	55	6	100	170	30	2	0	0	0	37	0	4
EDMUNDSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	1	1	1	0	0	0	0	0	0	0	0
	DAMAGE	28	6	1	3	8	0	0	0	0	0	5	0	0
	TOTAL	30	7	2	4	9	0	0	0	0	0	5	0	0
ELLISVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	32	2	2	9	12	2	0	0	1	1	3	0	0
	DAMAGE	202	12	3	65	82	12	0	0	1	0	6	1	0
	TOTAL	234	14	5	74	94	14	0	0	2	1	9	1	0
EUREKA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	52	14	2	14	14	5	3	0	0	1	13	0	1
	DAMAGE	225	36	7	77	63	31	3	1	0	0	35	1	2
	TOTAL	277	50	9	91	77	36	6	1	0	1	48	1	3
FENTON	FATAL	2	1	0	0	1	0	1	0	0	0	0	0	0
	INJURY	90	15	3	21	34	11	6	0	1	0	12	0	0
	DAMAGE	501	54	7	110	199	44	0	1	0	0	46	1	1
	TOTAL	593	70	10	131	234	55	7	1	1	0	58	1	1
FERGUSON	FATAL	1	1	1	1	0	0	0	0	0	0	0	0	0
	INJURY	116	21	4	29	33	6	4	1	1	12	16	0	1
	DAMAGE	275	37	5	61	91	21	0	3	0	0	32	0	2
	TOTAL	392	59	10	91	124	27	4	4	1	12	48	0	3
FLORDELL HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	0	1	6	1	0	0	0	1	0	0	4
	DAMAGE	12	0	0	2	2	1	0	0	0	0	0	0	4
	TOTAL	21	2	0	3	8	2	0	0	0	1	0	0	8
FLORISSANT	FATAL	4	1	2	0	1	2	0	0	0	2	2	0	0
	INJURY	338	54	18	90	114	19	7	3	11	15	30	0	1
	DAMAGE	1176	136	40	260	403	76	6	9	3	2	99	1	11
	TOTAL	1518	191	60	350	518	97	13	12	14	19	131	1	12
FRONTENAC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	7	1	8	13	2	3	1	0	2	5	0	0
	DAMAGE	178	14	3	44	65	7	0	0	1	0	19	0	1
	TOTAL	211	21	4	52	78	9	3	1	1	2	24	0	1
GLENDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	1	2	3	0	0	0	2	0	1	0	0
	DAMAGE	42	4	0	5	21	5	0	0	0	0	5	0	0
	TOTAL	50	4	1	7	24	5	0	0	2	0	6	0	0
GREEN PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	0	0	0	0	0	1	0	1
	DAMAGE	30	1	0	6	12	1	0	0	0	0	3	0	0
	TOTAL	32	1	0	6	14	1	0	0	0	0	4	0	1
HANLEY 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	12	1	1	2	4	1	0	0	0	0	2	0	0
	TOTAL	12	1	1	2	4	1	0	0	0	0	2	0	0
HAZELWOOD	FATAL	3	2	0	1	0	0	0	0	0	0	3	0	0
	INJURY	228	56	4	51	66	20	7	1	1	5	48	0	2
	DAMAGE	597	102	7	130	174	53	0	5	0	0	55	1	11
	TOTAL	828	160	11	182	240	73	7	6	1	5	106	1	13
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	14	2	0	1	2	1	0	0	0	0	2	0	0
	TOTAL	14	2	0	1	2	1	0	0	0	0	2	0	0
JENNINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	62	12	1	11	19	5	4	1	0	9	9	0	0
	DAMAGE	251	25	3	36	74	16	0	1	0	2	17	0	13
	TOTAL	313	37	4	47	93	21	4	2	0	11	26	0	13
KIRKWOOD	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	148	11	9	42	62	6	7	0	6	5	18	0	0
	DAMAGE	735	61	11	204	275	90	1	3	0	2	82	0	9
	TOTAL	884	72	20	246	338	96	8	3	6	7	100	0	9
LADUE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	78	11	5	20	27	4	1	1	2	4	13	0	3
	DAMAGE	155	17	7	35	50	17	0	0	0	0	18	0	2
	TOTAL	233	28	12	55	77	21	1	1	2	4	31	0	5
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	4	0	0	0	2	0	0	0	0	0	0	0	0
	TOTAL	5	0	0	0	3	0	0	0	0	0	0	0	0
MANCHESTER	FATAL	1	0	0	0	1	1	0	0	0	1	0	0	0
	INJURY	66	11	8	17	23	2	2	0	0	6	11	0	0
	DAMAGE	349	47	9	102	114	13	1	4	0	0	43	0	1

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	416	58	17	119	138	16	3	4	0	7	54	0	1
MAPLEWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	45	7	4	7	14	4	2	0	3	5	8	0	0
	DAMAGE	153	12	7	18	48	12	0	2	1	0	20	0	0
	TOTAL	198	19	11	25	62	16	2	2	4	5	28	0	0
MARLBOROUGH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	0	3	4	1	0	0	1	0	0	0	0
	DAMAGE	55	8	0	10	22	4	1	0	0	1	2	0	0
	TOTAL	65	9	0	13	26	5	1	0	1	1	2	0	0
MARYLAND HEIGHTS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	241	49	12	54	70	18	16	1	4	9	37	0	14
	DAMAGE	931	107	36	178	261	80	1	4	0	0	89	0	45
	TOTAL	1172	156	48	232	331	98	17	5	4	9	126	0	59
MOLINE ACRES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	1	0	2	0	0	0	0	1	1	0	0
	DAMAGE	21	1	0	8	6	0	1	0	0	0	2	0	0
	TOTAL	28	1	1	8	8	0	1	0	0	1	3	0	0
NORMANDY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	3	0	5	5	1	2	0	2	1	9	0	0
	DAMAGE	87	10	2	14	30	8	0	1	0	0	16	0	1
	TOTAL	110	13	2	19	35	9	2	1	2	1	25	0	1
NORTHWOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	5	0	5	6	3	0	0	0	2	3	0	0
	DAMAGE	46	2	2	8	19	6	0	1	0	0	8	1	0
	TOTAL	63	7	2	13	25	9	0	1	0	2	11	1	0
NORWOOD COURT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	8	0	1	5	1	0	0	0	0	10	0	0
	DAMAGE	47	8	0	6	12	4	0	0	0	0	8	0	0
	TOTAL	69	16	0	7	17	5	0	0	0	0	18	0	0
OAKLAND	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	8	1	2	1	2	0	0	0	1	0	4	0	0
	DAMAGE	32	5	2	7	7	6	0	1	0	0	6	0	2
	TOTAL	41	6	4	8	9	6	0	1	1	0	11	0	2
OLIVETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	4	0	2	11	2	1	0	1	2	2	0	1
	DAMAGE	142	21	4	17	45	18	1	1	0	0	13	0	1
	TOTAL	171	25	4	19	56	20	2	1	1	2	15	0	2
OVERLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	92	17	9	19	27	5	4	0	6	5	10	0	0
	DAMAGE	368	66	12	70	105	22	1	1	2	0	45	0	3
	TOTAL	460	83	21	89	132	27	5	1	8	5	55	0	3
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	1	0	0
	DAMAGE	6	0	0	0	2	1	0	0	0	0	1	0	0
	TOTAL	7	0	0	0	2	1	0	0	0	0	2	0	0
PAGEDALE	FATAL	2	0	0	0	2	0	0	0	0	0	1	0	0
	INJURY	10	2	0	1	4	0	0	0	1	1	1	0	0
	DAMAGE	31	10	0	3	8	3	0	0	0	0	7	0	0
	TOTAL	43	12	0	4	14	3	0	0	1	1	9	0	0
PASADENA 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	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
PINE LAWN	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	28	6	1	3	8	7	0	0	0	3	4	0	0
	DAMAGE	79	13	5	11	18	8	2	0	0	0	15	0	1
	TOTAL	108	19	6	14	27	15	2	0	0	3	19	0	1
RICHMOND HEIGHTS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	150	36	3	27	57	6	3	0	2	1	21	0	0
	DAMAGE	509	85	5	79	147	45	3	1	1	0	38	1	0
	TOTAL	659	121	8	106	204	51	6	1	3	1	59	1	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
RIVERVIEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	21	2	0	2	4	1	0	1	1	0	2	0	0
	TOTAL	25	3	0	3	5	1	0	1	1	0	3	0	0
ROCK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	1	1	4	2	0	0	1	0	1	0	0
	DAMAGE	43	2	0	11	14	5	0	0	0	0	2	0	2
	TOTAL	58	4	1	12	18	7	0	0	1	0	3	0	2
ST. ANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	10	5	9	12	3	1	0	2	1	11	0	0
	DAMAGE	186	29	4	36	47	18	3	2	2	0	14	0	1
	TOTAL	221	39	9	45	59	21	4	2	4	1	25	0	1
ST. GEORGE	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	0	0	0
	DAMAGE	6	2	0	1	3	0	0	0	0	0	0	0	0
	TOTAL	7	3	1	2	3	0	0	0	0	0	0	0	0
ST. JOHN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	6	2	6	9	2	1	0	2	3	2	0	0
	DAMAGE	93	11	5	18	26	10	0	1	0	0	13	0	1
	TOTAL	124	17	7	24	35	12	1	1	2	3	15	0	1
SHREWSBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	2	2	4	12	1	0	1	0	2	3	0	1
	DAMAGE	120	15	6	15	45	10	2	3	0	1	18	0	1
	TOTAL	146	17	8	19	57	11	2	4	0	3	21	0	2
SUNSET HILLS	FATAL	3	2	1	0	1	0	1	0	0	0	3	0	0
	INJURY	212	47	7	45	71	16	10	0	1	1	38	0	6
	DAMAGE	595	87	13	137	193	77	2	2	0	0	89	0	21
	TOTAL	810	136	21	182	265	93	13	2	1	1	130	0	27
TOWN AND COUNTRY	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	1
	INJURY	248	40	8	46	112	11	7	0	3	0	19	0	1
	DAMAGE	588	95	16	153	210	45	1	2	0	0	49	0	6
	TOTAL	837	136	24	200	322	56	8	2	3	0	69	0	8
UNIVERSITY CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	84	8	3	10	26	0	4	0	7	11	10	0	1
	DAMAGE	399	29	11	63	102	34	0	3	1	1	39	0	10
	TOTAL	483	37	14	73	128	34	4	3	8	12	49	0	11
VALLEY PARK	FATAL	1	0	1	0	0	0	1	0	0	0	0	0	0
	INJURY	52	6	5	10	15	7	2	1	0	2	7	1	0
	DAMAGE	260	32	4	49	86	31	1	2	0	0	26	0	2
	TOTAL	313	38	10	59	101	38	4	3	0	2	33	1	2
VELDA VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	1	0	0	0	0	1	0	0
	DAMAGE	6	1	0	1	2	1	0	1	0	0	0	0	0
	TOTAL	8	1	0	1	3	2	0	1	0	0	1	0	0
VELDA VILLAGE 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	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
VINITA PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	0	1	0	0	1	1	0	1	0
	DAMAGE	22	5	1	2	6	1	0	0	0	0	2	0	0
	TOTAL	26	5	1	3	6	2	0	0	1	1	2	1	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	8	0	0	3	1	0	0	0	0	0	2	0	0
	TOTAL	8	0	0	3	1	0	0	0	0	0	2	0	0
WEBSTER GROVES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	79	18	7	19	29	0	3	0	4	8	17	0	2
	DAMAGE	328	27	8	79	113	32	1	3	0	0	41	0	6
	TOTAL	407	45	15	98	142	32	4	3	4	8	58	0	8
WELLSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	1	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
WILDWOOD	DAMAGE	10	1	0	2	1	0	0	0	0	0	2	0	0
	TOTAL	11	2	0	2	2	0	0	0	0	0	2	0	0
	FATAL	1	0	0	0	1	1	0	0	0	1	0	0	0
	INJURY	88	29	7	33	30	3	3	1	0	3	30	0	0
	DAMAGE	381	104	15	153	93	19	2	7	0	0	105	0	1
	TOTAL	470	133	22	186	124	23	5	8	0	4	135	0	1
WINCHESTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	2	4	0	0	0	0	0	0	0	0
	DAMAGE	38	4	3	14	15	4	0	2	0	0	3	0	0
	TOTAL	44	5	3	16	19	4	0	2	0	0	3	0	0
WOODSON TERRACE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	5	0	3	5	1	1	0	1	0	3	0	0
	DAMAGE	45	6	0	9	13	4	0	1	0	0	7	0	1
	TOTAL	58	11	0	12	18	5	1	1	1	0	10	0	1
POP UNDER 1000	FATAL	13	3	3	1	5	1	2	0	0	1	6	0	0
	INJURY	1239	220	84	285	463	65	52	6	23	58	218	0	8
	DAMAGE	5817	658	140	1376	1923	404	24	56	4	9	694	6	33
	TOTAL	7069	881	227	1662	2391	470	78	62	27	68	918	6	41
STE. GENEVIEVE CO	FATAL	2	1	0	2	0	0	0	0	0	0	1	0	0
	INJURY	90	23	8	24	25	8	5	0	1	2	39	0	1
	DAMAGE	214	41	14	47	56	34	2	1	1	0	62	0	0
	TOTAL	306	65	22	73	81	42	7	1	2	2	102	0	1
STE. GENEVIEVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	1	2	3	0	2	0	0	0	1	0	0
	DAMAGE	53	4	2	15	21	4	1	0	1	0	13	0	0
	TOTAL	61	6	3	17	24	4	3	0	1	0	14	0	0
POP UNDER 1000	FATAL	2	1	0	2	0	0	0	0	0	0	1	0	0
	INJURY	82	21	7	22	22	8	3	0	1	2	38	0	1
	DAMAGE	161	37	12	32	35	30	1	1	0	0	49	0	0
	TOTAL	245	59	19	56	57	38	4	1	1	2	88	0	1
SALINE CO	FATAL	2	0	0	1	2	1	0	0	0	0	1	0	0
	INJURY	128	40	7	23	34	14	8	0	2	1	58	0	1
	DAMAGE	444	124	15	80	130	67	2	4	0	0	147	3	1
	TOTAL	574	164	22	104	166	82	10	4	2	1	206	3	2
MARSHALL	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	36	6	2	3	11	3	2	0	1	1	5	0	0
	DAMAGE	202	39	11	42	68	20	1	4	0	0	29	0	1
	TOTAL	239	45	13	46	80	23	3	4	1	1	34	0	1
SLATER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	1	1	2	0	0	0	0	0	0	0	0
	DAMAGE	23	5	0	7	10	4	0	0	0	0	6	0	0
	TOTAL	26	6	1	8	12	4	0	0	0	0	6	0	0
SWEET SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	1	0	1	0	0	0	0	0	1	0	0
	DAMAGE	14	1	0	2	4	3	1	0	0	0	2	0	0
	TOTAL	18	3	1	2	5	3	1	0	0	0	3	0	0
POP UNDER 1000	FATAL	1	0	0	0	1	1	0	0	0	0	1	0	0
	INJURY	85	31	3	19	20	11	6	0	1	0	52	0	1
	DAMAGE	205	79	4	29	48	40	0	0	0	0	110	3	0
	TOTAL	291	110	7	48	69	52	6	0	1	0	163	3	1
SCHUYLER CO	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	24	6	4	7	5	4	1	1	0	1	14	0	0
	DAMAGE	23	3	0	7	9	0	0	0	0	0	6	0	0
	TOTAL	48	10	4	15	14	4	1	1	0	1	21	0	0
POP UNDER 1000	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	24	6	4	7	5	4	1	1	0	1	14	0	0
	DAMAGE	23	3	0	7	9	0	0	0	0	0	6	0	0
	TOTAL	48	10	4	15	14	4	1	1	0	1	21	0	0
SCOTLAND CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	2	2	6	6	2	2	0	0	1	11	0	0
	DAMAGE	35	6	0	10	6	7	0	0	0	0	12	0	0
	TOTAL	57	8	2	16	12	9	2	0	0	1	23	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
MEMPHIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	0	0	0	0	0	0	1	0	0	0
	DAMAGE	10	2	0	6	4	2	0	0	0	0	1	0	0
	TOTAL	12	2	1	6	4	2	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	20	2	1	6	6	2	2	0	0	0	11	0	0
	DAMAGE	25	4	0	4	2	5	0	0	0	0	11	0	0
	TOTAL	45	6	1	10	8	7	2	0	0	0	22	0	0
SCOTT CO	FATAL	8	4	2	3	3	0	2	0	0	0	4	0	0
	INJURY	208	49	16	61	61	15	10	0	2	8	57	0	2
	DAMAGE	634	103	29	152	191	84	3	2	0	0	158	0	10
	TOTAL	850	156	47	216	255	99	15	2	2	8	219	0	12
CAPE GIR/SCO	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	1	0	2	1	1	0	0	0	0	2	0	2
	TOTAL	7	1	0	2	1	1	0	0	0	0	2	0	2
CHAFFEE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	15	1	0	6	4	0	0	0	0	0	1	0	0
	TOTAL	18	1	0	6	6	0	0	0	0	0	1	0	0
MINER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	3	0	2	10	1	1	0	0	0	1	0	0
	DAMAGE	39	3	1	7	18	8	0	0	0	0	10	0	0
	TOTAL	53	6	1	9	28	9	1	0	0	0	11	0	0
SCOTT CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	7	1	6	2	2	1	0	0	1	6	0	0
	DAMAGE	71	12	4	15	23	10	2	0	0	0	12	0	0
	TOTAL	88	19	5	21	25	12	3	0	0	1	18	0	0
SIKESTON/SCO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	85	9	3	24	33	4	3	0	1	5	9	0	1
	DAMAGE	269	26	8	73	86	12	0	0	0	0	45	0	1
	TOTAL	354	35	11	97	119	16	3	0	1	5	54	0	2
POP UNDER 1000	FATAL	8	4	2	3	3	0	2	0	0	0	4	0	0
	INJURY	89	30	12	29	14	8	5	0	1	2	41	0	1
	DAMAGE	233	60	16	49	59	53	1	2	0	0	88	0	7
	TOTAL	330	94	30	81	76	61	8	2	1	2	133	0	8
SHANNON CO	FATAL	4	2	0	1	1	1	0	0	0	0	0	0	0
	INJURY	41	18	8	10	8	3	3	0	0	0	19	0	0
	DAMAGE	39	8	1	10	10	9	0	0	0	0	10	0	0
	TOTAL	84	28	9	21	19	13	3	0	0	0	29	0	0
WINONA	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	0	1	1	0	0	0	0	1	0	0
	DAMAGE	7	0	0	1	4	2	0	0	0	0	1	0	0
	TOTAL	13	1	0	2	5	3	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	3	2	0	0	1	1	0	0	0	0	0	0	0
	INJURY	36	17	8	10	7	2	3	0	0	0	18	0	0
	DAMAGE	32	8	1	9	6	7	0	0	0	0	9	0	0
	TOTAL	71	27	9	19	14	10	3	0	0	0	27	0	0
SHELBY CO	FATAL	2	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	12	4	1	3	4	1	0	0	0	0	8	0	0
	DAMAGE	37	8	2	5	13	16	0	0	0	0	11	0	1
	TOTAL	51	13	3	9	17	17	0	0	0	0	20	0	1
CLARENCE	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	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	12	4	1	3	4	1	0	0	0	0	8	0	0
	DAMAGE	36	8	2	5	12	16	0	0	0	0	11	0	1
	TOTAL	50	13	3	9	16	17	0	0	0	0	20	0	1
STODDARD CO	FATAL	8	4	1	3	3	0	0	0	0	0	4	0	0

TABLE 4.0.1

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COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	INJURY	182	34	17	55	46	9	9	1	1	2	73	0	2
	DAMAGE	401	56	26	90	134	47	3	1	0	0	107	1	7
	TOTAL	591	94	44	148	183	56	12	2	1	2	184	1	9
ADVANCE	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	0	1	1	3	1	0	0	0	0	0	0	0
	TOTAL	5	0	1	1	3	1	0	0	0	0	0	0	0
BERNIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	0	2	4	0	1	0	0	1	0	0	0
	DAMAGE	11	1	0	4	3	1	0	0	0	0	1	0	1
	TOTAL	18	1	0	6	7	1	1	0	0	1	1	0	1
BLOOMFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	3	3	3	5	0	0	0	0	0	4	0	0
	DAMAGE	21	0	0	7	5	4	0	1	0	0	1	0	0
	TOTAL	32	3	3	10	10	4	0	1	0	0	5	0	0
DEXTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	38	4	1	14	14	2	2	0	0	0	5	0	0
	DAMAGE	176	10	10	37	75	12	0	0	0	0	26	1	2
	TOTAL	214	14	11	51	89	14	2	0	0	0	31	1	2
PUXICO	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	12	0	0	4	8	2	0	0	0	0	0	0	0
	TOTAL	12	0	0	4	8	2	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	8	4	1	3	3	0	0	0	0	0	4	0	0
	INJURY	126	27	13	36	23	7	6	1	1	1	64	0	2
	DAMAGE	176	45	15	37	40	27	3	0	0	0	79	0	4
	TOTAL	310	76	29	76	66	34	9	1	1	1	147	0	6
STONE CO	FATAL	7	3	3	0	2	0	3	0	0	0	1	0	0
	INJURY	210	72	25	50	62	12	14	0	0	1	102	0	2
	DAMAGE	305	71	27	50	120	27	2	1	0	0	106	1	2
	TOTAL	522	146	55	100	184	39	19	1	0	1	209	1	4
CRANE	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	1	0	0	0	1	0	0	0	0	0	1	0	0
	TOTAL	2	0	0	1	1	0	0	0	0	0	1	0	0
KIMBERLING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	4	3	3	2	1	0	0	0	0	4	0	1
	DAMAGE	13	0	2	0	4	0	0	0	0	0	4	0	1
	TOTAL	22	4	5	3	6	1	0	0	0	0	8	0	2
POP UNDER 1000	FATAL	7	3	3	0	2	0	3	0	0	0	1	0	0
	INJURY	200	68	22	46	60	11	14	0	0	1	98	0	1
	DAMAGE	291	71	25	50	115	27	2	1	0	0	101	1	1
	TOTAL	498	142	50	96	177	38	19	1	0	1	200	1	2
SULLIVAN CO	FATAL	1	1	1	1	0	0	0	0	0	0	0	0	0
	INJURY	31	8	4	10	10	2	1	0	0	0	14	0	0
	DAMAGE	65	14	6	19	17	4	0	0	0	0	21	2	0
	TOTAL	97	23	11	30	27	6	1	0	0	0	35	2	0
MILAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	1	0	0	0	0	0	0	2	0	0
	DAMAGE	21	2	1	7	9	1	0	0	0	0	3	0	0
	TOTAL	26	2	2	8	9	1	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	1	1	1	1	0	0	0	0	0	0	0	0	0
	INJURY	26	8	3	9	10	2	1	0	0	0	12	0	0
	DAMAGE	44	12	5	12	8	3	0	0	0	0	18	2	0
	TOTAL	71	21	9	22	18	5	1	0	0	0	30	2	0
TANEY CO	FATAL	7	2	0	0	3	0	3	0	0	0	1	0	0
	INJURY	402	108	29	94	146	16	38	1	3	5	124	0	7
	DAMAGE	909	175	33	194	376	39	5	4	0	1	215	2	19
	TOTAL	1318	285	62	288	525	55	46	5	3	6	340	2	26
BRANSON	FATAL	1	1	0	0	0	0	1	0	0	0	0	0	0
	INJURY	164	19	3	42	77	2	12	0	1	3	22	0	7
	DAMAGE	456	62	9	102	202	7	1	3	0	0	49	1	14

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
	TOTAL	621	82	12	144	279	9	14	3	1	3	71	1	21
FORSYTH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	4	1	0	5	1	5	0	0	0	6	0	0
	DAMAGE	37	4	1	7	16	2	1	0	0	0	11	0	0
	TOTAL	50	8	2	7	21	3	6	0	0	0	17	0	0
HOLLISTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	5	2	6	4	1	0	0	1	0	4	0	0
	DAMAGE	73	9	2	20	33	10	0	0	0	0	11	0	4
	TOTAL	91	14	4	26	37	11	0	0	1	0	15	0	4
MERRIAM WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	2	0	1	0	0	0	0	0	0
	DAMAGE	8	2	0	3	7	0	0	0	0	0	2	0	0
	TOTAL	12	2	0	3	9	0	1	0	0	0	2	0	0
POP UNDER 1000	FATAL	6	1	0	0	3	0	2	0	0	0	1	0	0
	INJURY	203	80	23	46	58	12	20	1	1	2	92	0	0
	DAMAGE	335	98	21	62	118	20	3	1	0	1	142	1	1
	TOTAL	544	179	44	108	179	32	25	2	1	3	235	1	1
TEXAS CO	FATAL	3	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	123	36	18	32	35	16	5	0	1	2	50	1	2
	DAMAGE	203	36	13	33	72	33	3	0	0	0	63	0	3
	TOTAL	329	73	31	65	108	49	8	0	1	2	114	1	5
CABOOL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	0	1	4	8	1	0	0	0	0	5	1	0
	DAMAGE	15	1	1	5	6	1	0	0	0	0	1	0	0
	TOTAL	30	1	2	9	14	2	0	0	0	0	6	1	0
HOUSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	0	1	6	6	1	1	0	0	1	3	0	0
	DAMAGE	34	1	0	8	12	4	2	0	0	0	6	0	0
	TOTAL	49	1	1	14	18	5	3	0	0	1	9	0	0
LICKING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	2	2	0	0	1	0	0	0	0
	DAMAGE	16	0	0	3	8	7	0	0	0	0	1	0	0
	TOTAL	20	1	0	4	10	9	0	0	1	0	1	0	0
POP UNDER 1000	FATAL	3	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	89	35	16	21	19	12	4	0	0	1	42	0	2
	DAMAGE	138	34	12	17	46	21	1	0	0	0	55	0	3
	TOTAL	230	70	28	38	66	33	5	0	0	1	98	0	5
VERNON CO	FATAL	6	3	3	2	1	1	0	0	0	0	3	0	0
	INJURY	91	31	10	27	21	4	7	0	2	3	30	0	3
	DAMAGE	305	53	12	64	109	58	2	2	1	0	60	0	7
	TOTAL	402	87	25	93	131	63	9	2	3	3	93	0	10
NEVADA	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	40	3	2	13	10	1	4	0	2	3	5	0	0
	DAMAGE	186	29	5	45	65	34	1	1	1	0	21	0	0
	TOTAL	227	33	8	58	75	35	5	1	3	3	27	0	0
POP UNDER 1000	FATAL	5	2	2	2	1	1	0	0	0	0	2	0	0
	INJURY	51	28	8	14	11	3	3	0	0	0	25	0	3
	DAMAGE	119	24	7	19	44	24	1	1	0	0	39	0	7
	TOTAL	175	54	17	35	56	28	4	1	0	0	66	0	10
WARREN CO	FATAL	3	2	3	0	0	0	1	0	0	0	2	0	0
	INJURY	154	53	13	50	38	15	17	3	1	3	52	0	4
	DAMAGE	576	139	19	132	160	86	5	2	0	0	173	1	5
	TOTAL	733	194	35	182	198	101	23	5	1	3	227	1	9
WARRENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	42	3	3	17	14	4	2	2	0	2	7	0	1
	DAMAGE	221	29	6	59	79	24	1	2	0	0	47	0	0
	TOTAL	263	32	9	76	93	28	3	4	0	2	54	0	1
WRIGHT CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	8	2	7	2	4	3	0	0	0	9	0	1
	DAMAGE	106	32	2	21	26	31	0	0	0	0	33	0	2
	TOTAL	129	40	4	28	28	35	3	0	0	0	42	0	3

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
POP UNDER 1000	FATAL	3	2	3	0	0	0	1	0	0	0	2	0	0
	INJURY	85	41	8	25	20	6	12	0	1	1	36	0	2
	DAMAGE	235	78	9	50	52	26	4	0	0	0	90	1	3
	TOTAL	323	121	20	75	72	32	17	0	1	1	128	1	5
WASHINGTON CO	FATAL	10	4	2	1	3	0	1	0	0	0	5	0	0
	INJURY	135	48	24	35	36	6	11	0	0	7	59	0	0
	DAMAGE	239	38	12	63	62	17	0	4	0	1	66	0	1
	TOTAL	384	90	38	99	101	23	12	4	0	8	130	0	1
POTOSI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	1	2	8	12	1	2	0	0	3	1	0	0
	DAMAGE	88	5	3	26	32	4	0	1	0	1	7	0	1
	TOTAL	114	6	5	34	44	5	2	1	0	4	8	0	1
POP UNDER 1000	FATAL	10	4	2	1	3	0	1	0	0	0	5	0	0
	INJURY	109	47	22	27	24	5	9	0	0	4	58	0	0
	DAMAGE	151	33	9	37	30	13	0	3	0	0	59	0	0
	TOTAL	270	84	33	65	57	18	10	3	0	4	122	0	0
WAYNE CO	FATAL	2	0	1	0	1	0	0	0	0	0	2	0	1
	INJURY	82	23	17	14	13	4	8	0	0	0	41	0	5
	DAMAGE	163	39	15	32	45	21	0	1	0	0	58	0	5
	TOTAL	247	62	33	46	59	25	8	1	0	0	101	0	11
PIEDMONT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	22	0	0	7	7	0	0	0	0	0	3	0	1
	TOTAL	25	0	0	8	8	0	0	0	0	0	3	0	1
POP UNDER 1000	FATAL	2	0	1	0	1	0	0	0	0	0	2	0	1
	INJURY	79	23	17	13	12	4	8	0	0	0	41	0	5
	DAMAGE	141	39	15	25	38	21	0	1	0	0	55	0	4
	TOTAL	222	62	33	38	51	25	8	1	0	0	98	0	10
WEBSTER CO	FATAL	7	5	3	0	2	1	0	0	0	0	4	0	0
	INJURY	162	56	15	49	53	21	9	1	1	2	71	2	2
	DAMAGE	455	127	22	109	117	70	1	3	0	0	186	0	1
	TOTAL	624	188	40	158	172	92	10	4	1	2	261	2	3
FORDLANI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	2	1	1	0	0	1	0	0	0
	DAMAGE	3	1	0	1	0	0	0	0	0	0	2	0	0
	TOTAL	6	2	0	2	2	1	1	0	0	1	2	0	0
MARSHFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	2	1	8	11	2	2	0	0	0	2	0	0
	DAMAGE	121	14	3	44	46	11	0	2	0	0	17	0	1
	TOTAL	144	16	4	52	57	13	2	2	0	0	19	0	1
ROGERSVIL/WEB	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	0	2	0	0	0	1	0	1	0	0
	DAMAGE	29	7	0	6	9	2	0	0	0	0	7	0	0
	TOTAL	35	8	0	6	11	2	0	0	1	0	8	0	0
SEYMOUR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	3	1	1	7	0	0	0	0	0	2	0	2
	DAMAGE	22	0	0	7	6	5	0	0	0	0	2	0	0
	TOTAL	31	3	1	8	13	5	0	0	0	0	4	0	2
POP UNDER 1000	FATAL	7	5	3	0	2	1	0	0	0	0	4	0	0
	INJURY	121	49	13	39	31	18	6	1	0	1	66	2	0
	DAMAGE	279	105	19	51	55	52	1	1	0	0	158	0	0
	TOTAL	407	159	35	90	88	71	7	2	0	1	228	2	0
WORTH CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	2	1	0	0	1	0	0	0	3	0	0
	DAMAGE	27	2	0	7	6	2	0	1	0	0	5	0	0
	TOTAL	34	5	2	8	6	2	1	1	0	0	8	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	2	1	0	0	1	0	0	0	3	0	0
	DAMAGE	27	2	0	7	6	2	0	1	0	0	5	0	0
	TOTAL	34	5	2	8	6	2	1	1	0	0	8	0	0
WRIGHT CO	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	75	25	11	19	20	3	2	0	0	1	43	0	0

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL-BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OT HER WK ZONE INV
MANSFIELD	DAMAGE	154	25	4	41	49	19	1	0	0	0	40	0	1
	TOTAL	230	50	15	60	70	22	3	0	0	1	84	0	1
	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	2	1	0	0	0	0	0	1	0	0
	DAMAGE	11	4	0	2	3	1	0	0	0	0	2	0	0
	TOTAL	16	4	0	4	4	1	0	0	0	0	3	0	0
MOUNTAIN GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	0	0	1	4	0	1	0	0	0	1	0	0
	DAMAGE	37	2	0	12	12	4	1	0	0	0	3	0	0
	TOTAL	47	2	0	13	16	4	2	0	0	0	4	0	0
POP UNDER 1000	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	60	25	11	16	15	3	1	0	0	1	41	0	0
	DAMAGE	106	19	4	27	34	14	0	0	0	0	35	0	1
	TOTAL	167	44	15	43	50	17	1	0	0	1	77	0	1
ST LOUIS CITY	FATAL	40	21	5	7	6	4	6	0	0	11	17	0	0
	INJURY	3467	634	73	624	827	226	100	29	91	274	498	0	30
	DAMAGE	10333	1440	98	1204	2099	1085	32	160	23	29	1310	5	69
	TOTAL	13840	2095	176	1835	2932	1315	138	189	114	314	1825	5	99
ST. LOUIS	FATAL	40	21	5	7	6	4	6	0	0	11	17	0	0
	INJURY	3469	635	73	624	829	227	100	29	91	274	498	0	30
	DAMAGE	10334	1440	98	1204	2100	1086	32	160	23	29	1310	5	69
	TOTAL	13843	2096	176	1835	2935	1317	138	189	114	314	1825	5	99
STATE TOTALS	FATAL	716	270	188	129	226	108	81	1	1	73	310	7	10
	INJURY	35441	7558	2508	8295	10785	2309	1893	155	561	1206	8651	38	487
	DAMAGE	106809	16152	3345	23079	31051	10379	492	762	104	124	19410	101	1452
	TOTAL	142966	23980	6041	31503	42062	12796	2466	918	666	1403	28371	146	1949
INCORP AREAS	FATAL	237	88	58	40	61	32	33	0	1	49	79	1	6
	INJURY	24496	4021	1200	5634	7860	1455	1077	108	497	1036	3795	14	389
	DAMAGE	79742	9907	2043	17266	23777	7171	347	593	97	102	10755	57	1101
	TOTAL	104475	14016	3301	22940	31698	8658	1457	701	595	1187	14629	72	1496

¹All 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

TABLE 4.0.1

**2011 MISSOURI TRAFFIC CRASHES
MULTI-COUNTY CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OTHE R WK ZONE INV
BELLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	1	1	1	1	0	0	0	0	0	0	1	0	0
	TOTAL	2	1	1	2	1	0	0	0	0	0	1	0	0
CAMERON	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	26	4	2	8	13	3	1	0	0	0	5	0	0
	DAMAGE	113	11	4	33	37	17	0	2	0	0	21	0	0
	TOTAL	140	15	7	41	51	20	1	2	0	0	26	0	0
CAPE GIRARDEAU	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	263	26	6	71	95	10	14	1	2	8	33	0	0
	DAMAGE	1646	154	16	432	554	82	8	1	1	0	189	1	7
	TOTAL	1909	180	22	503	649	92	22	2	3	8	222	1	7
CENTRALIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	1	0	0	1	1	0	0	0
	DAMAGE	38	7	1	10	13	6	1	0	0	0	7	0	0
	TOTAL	42	7	1	11	14	7	1	0	1	1	7	0	0
DREXEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	0	0	1	0	1	0	0
	DAMAGE	3	0	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	5	0	0	2	0	0	0	0	1	0	2	0	0
EXCELSIOR SPRINGS	FATAL	1	1	0	0	0	0	1	0	0	0	0	0	0
	INJURY	45	16	0	19	14	0	2	0	0	2	13	0	0
	DAMAGE	182	41	4	52	55	19	0	1	0	0	41	0	3
	TOTAL	228	58	4	71	69	19	3	1	0	2	54	0	3
GLASGOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	2	1	0	0	0	0	0	0	0	0	0
	DAMAGE	12	4	1	4	5	1	0	0	0	0	3	0	0
	TOTAL	14	4	3	5	5	1	0	0	0	0	3	0	0
GOWER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	3	0	0	2	0	0	0	0	1	4	0	0
	DAMAGE	13	4	0	5	3	0	0	0	0	0	4	0	0
	TOTAL	19	7	0	5	5	0	0	0	0	1	8	0	0
HANNIBAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	71	10	6	15	25	6	2	0	0	0	22	0	0
	DAMAGE	429	52	16	94	134	51	4	6	0	0	69	2	1
	TOTAL	500	62	22	109	159	57	6	6	0	0	91	2	1
INDEPENDENCE	FATAL	6	2	1	2	2	0	1	0	1	0	1	0	0
	INJURY	876	173	69	194	326	33	36	4	9	31	124	1	11
	DAMAGE	1719	295	74	366	574	131	10	13	2	2	242	2	48
	TOTAL	2601	470	144	562	902	164	47	17	12	33	367	3	59
JEFFERSON CITY	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	414	53	19	103	155	16	17	1	8	21	60	0	0
	DAMAGE	1069	125	23	269	346	91	3	8	1	0	158	0	7
	TOTAL	1484	179	43	372	501	107	20	9	9	21	219	0	7
JOPLIN	FATAL	4	2	3	0	0	0	0	0	0	1	2	0	0
	INJURY	302	33	9	73	128	19	33	0	9	12	30	0	0
	DAMAGE	1623	92	35	425	575	129	18	5	5	6	141	3	5
	TOTAL	1929	127	47	498	703	148	51	5	14	19	173	3	5
KANSAS CITY	FATAL	61	25	15	8	16	7	9	0	0	17	14	0	2
	INJURY	3996	834	214	678	1088	226	162	17	63	187	706	0	118
	DAMAGE	11839	1665	227	1544	2847	1066	52	80	17	23	1753	7	269
	TOTAL	15896	2524	456	2230	3951	1299	223	97	80	227	2473	7	389
LAKE OZARK	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	32	12	4	5	10	3	0	0	0	0	11	1	3
	DAMAGE	108	15	3	20	39	8	1	0	0	0	25	0	2
	TOTAL	141	28	7	25	49	11	2	0	0	0	37	1	5
LAWSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	0	4	3	0	0	0	0	0	1	0	0
	DAMAGE	25	3	1	8	7	1	0	0	0	0	6	0	0
	TOTAL	33	4	1	12	10	1	0	0	0	0	7	0	0

TABLE 4.0.2

**2011 MISSOURI TRAFFIC CRASHES
MULTI-COUNTY CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZARD MATL INV	CONSTR/OTHER WK ZONE INV
LEE'S SUMMIT	FATAL	9	1	3	4	1	1	3	0	0	3	1	0	0
	INJURY	436	65	34	137	117	25	25	2	5	5	96	0	13
	DAMAGE	1586	213	60	482	473	112	2	13	2	0	266	0	23
	TOTAL	2031	279	97	623	591	138	30	15	7	8	363	0	36
MALDEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	1	0	2	6	1	1	0	0	1	2	0	0
	DAMAGE	53	3	3	12	16	7	0	3	0	0	15	0	0
	TOTAL	67	4	3	14	22	8	1	3	0	1	17	0	0
MONETT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	30	3	4	8	10	4	2	0	0	1	9	0	0
	DAMAGE	127	4	8	26	42	8	0	1	0	0	15	1	0
	TOTAL	157	7	12	34	52	12	2	1	0	1	24	1	0
MONROE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	17	3	0	6	6	5	0	0	0	0	4	0	0
	TOTAL	20	3	0	7	7	5	0	0	0	0	4	0	0
OSAGE BEACH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	64	7	2	22	25	9	3	0	0	0	16	1	1
	DAMAGE	207	17	1	54	85	14	0	0	0	0	23	0	8
	TOTAL	271	24	3	76	110	23	3	0	0	0	39	1	9
PACIFIC	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	16	4	0	1	6	1	2	0	0	0	4	0	0
	DAMAGE	91	8	1	12	30	19	0	0	0	0	13	0	0
	TOTAL	108	13	2	13	36	20	2	0	0	0	18	0	0
REPUBLIC	FATAL	1	0	1	0	0	1	0	0	0	0	0	0	0
	INJURY	75	13	8	23	25	1	4	1	4	1	10	0	0
	DAMAGE	230	19	7	73	72	18	2	0	0	0	32	0	1
	TOTAL	306	32	16	96	97	20	6	1	4	1	42	0	1
RICHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	1	2	0	1	0	0	0	2	0	0
	DAMAGE	13	2	1	1	3	2	0	0	0	0	4	0	0
	TOTAL	18	3	1	2	5	2	1	0	0	0	6	0	0
ROGERSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	1	0	2	3	0	1	0	1	0	4	0	0
	DAMAGE	52	11	1	10	19	5	0	0	0	0	8	0	1
	TOTAL	65	12	1	12	22	5	1	0	1	0	12	0	1
SIKESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	110	12	3	34	41	6	3	0	2	5	10	0	1
	DAMAGE	338	29	10	87	114	15	0	0	0	0	53	0	2
	TOTAL	448	41	13	121	155	21	3	0	2	5	63	0	3
SUGAR CREEK	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	7	1	0	1	2	2	0	0	0	0	2	0	0
	DAMAGE	66	16	1	11	19	5	2	0	0	0	19	0	0
	TOTAL	74	18	1	12	21	7	3	0	0	0	22	0	0
SULLIVAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	2	1	6	7	3	2	0	1	1	1	1	2
	DAMAGE	91	15	1	27	36	4	0	1	0	0	9	0	5
	TOTAL	111	17	2	33	43	7	2	1	1	1	10	1	7
WINDSOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	4	1	1	0	1	1	0	0	0	1	0	0
	DAMAGE	22	4	1	2	13	2	0	0	0	0	7	0	0
	TOTAL	26	8	2	3	13	3	1	0	0	0	8	0	0

¹All 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.