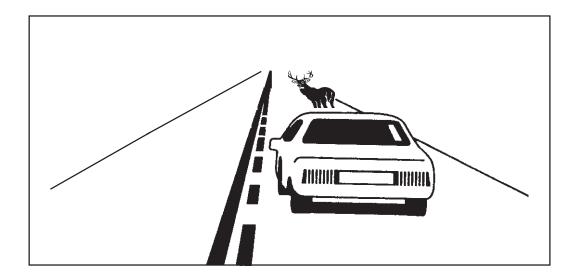
#### **MISSOURI STATE HIGHWAY PATROL**



#### ANALYSIS OF DEER INVOLVEMENT IN MISSOURI TRAFFIC CRASHES 2011

Prepared By Public Information and Education Division and the Missouri Statistical Analysis Center

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#### **2011 MISSOURI DEER CRASHES**

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#### **INTRODUCTION**

In recent years, Missouri traffic safety authorities have expressed concern over (1) animal-vehicle crashes involving deer and (2) crashes caused by drivers avoiding deer on roadways. This is one in a series of reports designed to identify the seriousness and characteristics of deer-involved traffic crashes on Missouri's public roadways.

#### **1. METHODOLOGY**

Perviously, data from the National Highway Traffic Safety Administration (NHTSA), Fatality Analysis Reporting System (FARS) were used to analyze deer-involved fatal crashes in the State. Due to the delay in obtaining FARS data, analysis of those fatal crashes where drivers made evasive maneuvers to avoid deer and no deer were struck but their evasive maneuvers contributed to the cause of the traffic crash will no longer be available in this report. That data may still be obtained from NHTSA.

Data from the Missouri Statewide Traffic Accident Records System (STARS) will be used for this report. Using STARS data, all 2011 Missouri traffic crashes where a deer was struck as part of the first harmful event were identified and analyzed (not just fatal crashes). However, this information source was limited in that it did not contain data identifying traffic crashes involving a deer avoidance maneuver where the animal was <u>not</u> struck. As a result, analysis could not be conducted on the deer avoidance maneuver problem associated with all Missouri traffic crashes.

#### 2. DISCUSSION OF FINDINGS

The following is a discussion of findings obtained from an analysis of Missouri's 2011 traffic crashes related to deer involvement:

- In 2011, Missouri had 3,563 traffic crashes where deer-vehicle strikes occurred in the first harmful event. One deer strike occurred every 2.5 hours in the State.
- In 2011, four people were killed and 376 injured in these types of crashes. One per son was killed or injured every 23.1 hours.
- Of all deer strike traffic crashes, 26.7% occurred in an urban area and 73.3% occurred in a rural area of the State. Even though rural areas seem to be overrepresented, the seven highest ranking Missouri counties experiencing this problem are associated with major metropolitan areas. These include: St. Louis, Jackson, Platte, Jefferson, Clay, Franklin, and St. Charles. Deer strike traffic crashes in these counties account for 31.7% of the total.
- Four out of five, or 82.7%, of the 2011 deer strike crashes occurred on Statemaintained roadways. The greatest proportion occurred on State Numbered Routes (28.0%), followed by U.S. Highways (25.0%) and Interstates (13.8%). An additional 15.9% occurred on State Lettered Routes, 10.0% on City Streets, and 6.1% on County Roads.
- Calculations show over half, or 51.2%, of the 2011 deer strike crashes occurred from October through December, with the largest proportion in November (25.0%). When discussing this with the Missouri Department of Conservation, they suggested the major cause of increased roadway crossings by deer during this period is mating season. The peak occurs about mid-November. In addition, deer hunting season also may cause an increase in roadway crossings. The slight increase in deer-involved crashes noted in the spring months may be attributed to yearling fawns dispersing from their mothers just prior to the arrival of newborns.
- The majority of deer strike crashes occurred from 5:00 p.m. through 6:59 a.m. This time period accounted for 85.2% of the total.
- Of the drivers striking deer, 59.9% were male and 40.1% were female. The average age of the driver was 41.5 years.
- Of the drivers striking deer, 84.3% had a Missouri driver's license, 15.2% had an out-of-state driver's license, and 0.5% were unlicensed at the time of the crash.

#### **3. FINDINGS**

The following is a series of tables and figures which characterize Missouri's 2011 deer strike traffic crash problem.

2011 MISSOURI TRAFFIC CRASHES

## DEER STRIKE INVOLVEMENT

	FATAL		PERSONAL % INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL	TOTAL NUMBER <sup>1</sup> KILLED INJURED	DRIVERS/I OF VE STRIKI KILLED	DRIVERS/PASSENGERS OF VEHICLES STRIKING DEER <sup>2</sup> KILLED INJURED
DEER INVOLVED	4	0.6	328	0.9	3,231	3.0	3,563	2.5	4	376	4	363
OTHER INVOLVEMENT 712	712	99.4	35,113	99.1	99.1 103,578	97.0	97.0 139,403	97.5	782	50,684		·
TOTAL	716	716 100.0 35,4	35,441	100.0	100.0 106,809	100.0	100.0 142,966 100.0	100.0	786	786 51,060	4	363

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where a deer was struck during the first harmful event in a crash.

<sup>2</sup>This statistic indicates the number of drivers and passengers of vehicles striking deer during the first harmful event in a crash who were killed and injured.

### **TABLE 1**

## MISSOURI TRAFFIC SAFETY DEER INVOLVEMENT **PROBLEM ANALYSIS CLOCK**



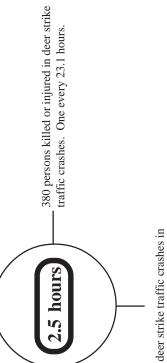


FIGURE 1

3,563 deer strike traffic crashes in the State in 2010. One every 2.5 hours.

#### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	0	0.0	85	25.9	865	26.8	950	26.7
RURAL	4	100.0	243	74.1	2,366	73.2	2,613	73.3
TOTAL	4	100.0	328	100.0	3,231	100.0	3,563	100.0

TABLE 2

#### **2011 MISSOURI DEER CRASHES**

#### **ROAD CURVATURE BY CRASH SEVERITY**

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	3	75.0	278	85.3	2,509	87.8	2,790	87.5
CURVE	1	25.0	48	14.7	348	12.2	397	12.5
UNKNOWN	0	-	2	-	374	-	376	-
TOTAL	4	100.0	328	100.0	3,231	100.0	3,563	100.0

TABLE 3

#### **2011 MISSOURI DEER CRASHES**

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	2	50.0	192	59.1	1,746	61.9	1,940	61.6
HILL	2	50.0	123	37.8	1,011	35.8	1,136	36.0
CREST	0	0.0	10	3.1	66	2.3	76	2.4
UNKNOWN	0	-	3	-	408	-	411	-
TOTAL	4	100.0	328	100.0	3,231	100.0	3,563	100.0

#### **ROAD INCLINE BY CRASH SEVERITY**

TABLE 4

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	0	0.0	44	13.5	476	16.4	520	16.1
WET	4	100.0	274	84.1	2,372	81.9	2,650	82.2
SNOW	0	0.0	0	0.0	1	0.0	1	0.0
ICE	0	0.0	4	1.2	31	1.1	35	1.1
MUD	0	0.0	4	1.2	16	0.6	20	0.6
UNKNOWN	0	-	2	-	335	-	337	-
TOTAL	4	100.0	328	100.0	3,231	100.0	3,563	100.0

#### **ROAD CONDITIONS BY CRASH SEVERITY**

TABLE 5

#### 2011 MISSOURI DEER CRASHES

#### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	1	25.0	33	10.1	458	14.2	492	13.8
U.S. HIGHWAY	1	25.0	97	29.6	793	24.5	891	25.0
STATE NUMBERED	0	0.0	85	25.9	912	28.2	997	28.0
SINGLE STATE LETTE	ERED 2	50.0	47	14.3	360	11.1	409	11.5
DOUBLE STATE LETT	TERED0	0.0	18	5.5	138	4.3	156	4.4
OUTER ROAD	0	0.0	1	0.3	7	0.2	8	0.2
COUNTY ROAD	0	0.0	17	5.2	199	6.2	216	6.1
CITY STREET	0	0.0	24	7.3	331	10.3	355	10.0
INTERSTATE LOOP	0	0.0	0	0.0	10	0.3	10	0.3
OTHER <sup>1</sup>	0	0.0	6	1.8	23	0.7	29	0.8
TOTAL	4	100.0	328	100.0	3,231	100.0	3,563	100.0

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

# HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

				UR	URBAN							RU	RURAL			
			PERSONAL	JNAL	PROPERTY	YT:					PERSONAL	JNAL	PROPERTY	RTY		
	FATAL	AL %	INJURY	JRY %	DAMAGE	GE %	TOTAL	L %	FATAL	AL %	INJURY	JRY %	DAMAGE	GE %	TOTAL	L %
INTERSTATE	0	0.0	17	20.0	168	19.4	185	19.5	1	25.0	16	6.6	290	12.3	307	11.8
U.S. HIGHWAY	0	0.0	21	24.7	165	19.1	186	19.6	1	25.0	76	31.3	628	26.6	705	27.0
STATE NUMBERED	0	0.0	18	21.2	183	21.2	201	21.2	0	0.0	67	27.6	729	30.8	796	30.5
SINGLE STATE LETTERED	0	0.0	ς	3.5	25	2.9	38	3.0	7	50.0	44	18.1	335	14.2	381	14.6
DOUBLE STATE LETTERED	0	0.0	1	1.2	16	1.9	17	1.8	0	0.0	17	7.0	122	5.2	139	5.3
OUTER ROAD	0	0.0	1	1.2	1	0.1	7	0.2	0	0.0	0	0.0	9	0.3	9	0.2
COUNTY ROAD	0	0.0	0	0.0	18	2.1	18	1.9	0	0.0	17	7.0	181	7.7	198	7.6
CITY STREET	0	0.0	23	27.1	282	32.6	305	32.1	0	0.0	1	0.4	49	2.1	50	1.9
INTERSTATE LOOP	0	0.0	0	0.0	1	0.1	1	0.1	0	0.0	0	0.0	6	0.4	6	0.3
OTHER 1	0	0.0	1	1.2	9	0.7	L	0.7	0	0.0	5	2.1	17	0.7	22	0.8
TOTAL	0	0.00	85	100.0	865	100.0	950	100.0	4	100.0	243	100.0	2,366	100.0	2,613	100.0

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

MONTH	FREQUENCY	PERCENT
JANUARY	193	5.4
FEBRUARY	159	4.4
MARCH	197	5.5
APRIL	159	4.5
MAY	284	8.0
JUNE	276	7.7
JULY	141	4.0
AUGUST	115	3.2
SEPTEMBER	216	6.1
OCTOBER	560	15.7
NOVEMBER	890	25.0
DECEMBER	373	10.5
TOTAL	3,563	100.0

#### MONTH OF YEAR

#### TABLE 8

#### 2011 MISSOURI DEER CRASHES

#### DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	465	13.0
MONDAY	518	14.5
TUESDAY	457	12.8
WEDNESDAY	504	14.2
THURSDAY	534	15.0
FRIDAY	547	15.4
SATURDAY	537	15.1
UNKNOWN	1	
TOTAL	3,563	100.0

#### HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	160	4.5
01:00A - 01:59A	121	3.4
02:00A - 02:59A	115	3.2
03:00A - 03:59A	105	3.0
04:00A - 04:59A	111	3.1
05:00A - 05:59A	209	5.9
06:00A - 06:59A	261	7.3
07:00A - 07:59A	162	4.6
08:00A - 08:59A	61	1.7
09:00A - 09:59A	51	1.4
10:00A - 10:59A	33	0.9
11:00A - 11:59A	30	0.9
NOON - 12:59P	40	1.1
01:00P - 01:59P	28	0.8
02:00P - 02:59P	38	1.1
03:00P - 03:59P	34	1.0
04:00P - 04:59P	49	1.4
05:00P - 05:59P	257	7.2
06:00P - 06:59P	322	9.1
07:00P - 07:59P	312	8.8
08:00P - 08:59P	343	9.7
09:00P - 09:59P	300	8.4
10:00P - 10:59P	218	6.1
11:00P - MIDNIGHT	197	5.5
UNKNOWN	6	
TOTAL	3,563	100.0

TABLE 10

#### 2011 MISSOURI DEER CRASHES<sup>1</sup>

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	1	25.0	149	45.7	1,655	51.3	1,805	50.7
SPORT UTILITY VEHICLE	0	0.0	45	13.8	643	19.9	688	19.3
LIMOUSINE	0	0.0	0	0.0	2	0.1	2	0.1
VAN	0	0.0	25	7.7	259	8.0	284	8.0
BUS	0	0.0	0	0.0	10	0.3	10	0.3
SCHOOL BUS	0	0.0	0	0.0	2	0.1	2	0.1
MOTORCYCLE	2	50.0	82	25.2	12	0.4	96	2.7
ALL TERRAIN VEHICLE	1	25.0	0	0.0	0	0.0	1	0.0
MOPED	0	0.0	0	0.0	0	0.0	0	0.0
MOTORHOME/CAMPER	0	0.0	1	0.3	0	0.0	1	0.0
OTHER TRANSPORT DEV	ICE 0	0.0	0	0.0	5	0.2	5	0.1
PICK-UP TRUCK	0	0.0	22	6.8	526	16.3	548	15.4
OTHER TRUCKS	0	0.0	2	0.6	114	3.5	116	3.3
UNKNOWN	0	-	0	-	1	-	1	-
TOTAL	4	100.0	326	100.0	3,229	100.0	3,559	100.0

#### TYPE OF VEHICLE STRIKING DEER BY CRASH SEVERITY

<sup>1</sup>This table includes only those vehicles striking a deer during the first harmful event in a crash.

#### VEHICLES STRIKING DEER IN 2011 MISSOURI CRASHES<sup>1</sup>

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
KNOWN DRIVER INVOLVED	4	100.0	326	100.0	3,225	99.9	3,555	99.9
UNKNOWN DRIVER INVOLVED	R 0	0.0	0	0.0	4	0.1	4	0.1
TOTAL	4	100.0	326	100.0	3,229	100.0	3,559	100.0

#### DRIVER INVOLVEMENT BY CRASH SEVERITY

<sup>1</sup>This table includes only vehicles striking deer during the first harmful event in a crash.

#### TABLE 12

#### DRIVERS OF VEHICLES STRIKING DEER IN 2011 MISSOURI CRASHES<sup>1</sup>

#### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	3	75.0	187	57.4	1,827	60.2	2,017	59.9
FEMALE	1	25.0	139	42.6	1,208	39.8	1,348	40.1
UNKNOWN	0	-	0	-	194	-	194	-
TOTAL	4	100.0	326	100.0	3,229	100.0	3,559	100.0

<sup>1</sup>The table includes only drivers of vehicles striking deer during the first harmful event in a crash.

#### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	36.8	_	40.7	-	41.6	_	41.5	-
UNDER 15 YEARS	0	0.0	1	0.3	0	0.0	1	0.0
15 - 20 YEARS	2	50.0	31	9.5	217	6.7	250	7.0
21 - 25 YEARS	0	0.0	43	13.2	341	10.6	384	10.8
26 - 30 YEARS	0	0.0	33	10.1	359	11.2	392	11.0
31 - 35 YEARS	0	0.0	27	8.3	332	10.3	359	10.1
36 - 40 YEARS	0	0.0	28	8.6	347	10.8	375	10.6
41 - 45 YEARS	0	0.0	30	9.2	338	10.5	368	10.4
46 - 50 YEARS	0	0.0	38	11.7	330	10.3	368	10.4
51 - 55 YEARS	1	25.0	39	12.0	329	10.2	369	10.4
56 - 60 YEARS	1	25.0	18	5.5	258	8.0	277	7.8
61 - 65 YEARS	0	0.0	17	5.2	166	5.2	183	5.2
66 YEARS AND OVER	R 0	0.0	21	6.4	204	6.3	225	6.3
UNKNOWN	0	-	0	-	8	-	8	-
TOTAL	4	100.0	326	100.0	3,229	100.0	3,559	100.0

<sup>1</sup>This table includes only drivers of vehicles striking deer during the first harmful event in a crash.

TABLE 14

#### DRIVERS OF VEHICLES STRIKING DEER IN 2011 MISSOURI CRASHES<sup>1</sup>

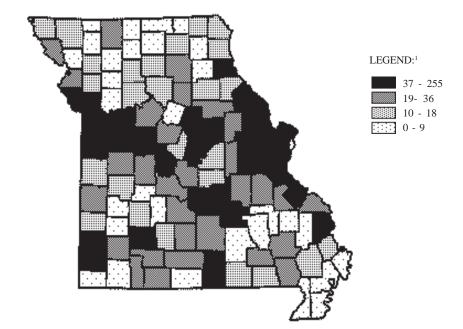
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	2	0.6	2	0.1	4	0.1
OPERATOR'S LICENSE	4	100.0	255	78.7	2,203	76.7	2,462	77.0
MOTORCYCLE	0	0.0	0	0.0	1	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	24	7.4	205	7.2	229	7.2
SUB-TOTAL	4	100.0	291	86.7	2,411	84.0	2,696	84.3
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	34	10.5	364	12.7	398	12.4
COMMERCIAL DRIVER'S LICENSE	0	0.0	2	0.6	87	3.0	89	2.8
SUB-TOTAL	0	0.0	36	11.1	451	15.7	487	15.2
UNLICENSED	0	0.0	7	2.2	9	0.3	16	0.5
UNKNOWN	0	-	2	-	358	-	360	-
TOTAL	4	100.0	326	100.0	3,229	100.0	3,559	100.0

#### DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

<sup>1</sup>This table includes only drivers of vehicles striking deer during the first harmful event in a crash.

TABLE 15

#### COUNTY QUARTILE ANALYSIS



<sup>1</sup>LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	255	7.2	22.0	PIKE	46	1.3
2.0	JACKSON	197	5.5	23.0	LAFAYETTE	44	1.2
3.0	JEFFERSON	173	4.9	24.0	DENT	41	1.2
4.5	CLAY	145	4.1	25.5	GREENE	40	1.1
4.5	PLATTE	145	4.1	25.5	NEWTON	40	1.1
6.0	FRANKLIN	116	3.3	27.5	MORGAN	37	1.0
7.0	ST CHARLES	92	2.6	27.5	STE GENEVIEVE	37	1.0
8.0	JOHNSON	90	2.5				First Quartile
9.0	CAPE GIRARDEA	U 84	2.4				
10.0	CASS	81	2.3				Second Quartile
11.0	CALLAWAY	77	2.2	29.5	GASCONADE	36	1.0
12.0	COLE	68	1.9	29.5	ST FRANCOIS	36	1.0
13.5	BOONE	62	1.7	31.0	BENTON	34	1.0
13.5	WARREN	62	1.7	32.0	MILLER	33	0.9
15.0	LINCOLN	60	1.7	33.5	CAMDEN	32	0.9
16.0	PETTIS	56	1.6	33.5	LACLEDE	32	0.9
17.0	PULASKI	53	1.5	35.0	CRAWFORD	29	0.8
18.5	JASPER	51	1.4	36.0	BUCHANAN	28	0.8
18.5	PHELPS	51	1.4	38.0	RANDOLPH	27	0.8
20.0	MARION	48	1.3				
21.0	HOWELL	47	1.3				

RANK	COUNTY	FREQUENCY	PERCEN	RANK	COUNTY	FREQUENCY	PERCENT	
38.0	SALINE	27	0.8	78.5	MONITEAU	11	0.3	
38.0	TEXAS	27	0.8	78.5	RIPLEY	11	0.3	
40.0	AUDRAIN	26	0.7	78.5	SCOTLAND	11	0.3	
41.0	TANEY	25	0.7	78.5	SCOTT	11	0.3	
44.5	BUTLER	24	0.7	82.5	ATCHISON	10	0.3	
44.5	MACON	24	0.7	82.5	CHARITON	10	0.3	
44.5	MONTGOMER	Y 24	0.7	82.5	DE KALB	10	0.3	
44.5	WASHINGTON	J 24	0.7	82.5	NODAWAY	10	0.3	
44.5	WAYNE	24	0.7			Thi	d Quartile	
44.5	WRIGHT	24	0.7					
48.0	HENRY	23	0.6			Fou	rth Quartile	
49.0	VERNON	22	0.6	87.5	ANDREW	9	0.3	
50.5	CHRISTIAN	21	0.6	87.5	DALLAS	9	0.3	
50.5	COOPER	21	0.6	87.5	DAVIESS	9	0.3	
52.0	HARRISON	20	0.6	87.5	DUNKLIN	9	0.3	
55.5	CARTER	19	0.5	87.5	REYNOLDS	9	0.3	
55.5	DOUGLAS	19	0.5	87.5	SULLIVAN	9	0.3	
55.5	HOLT	19	0.5	91.5	CALDWELL	8	0.2	
55.5	LAWRENCE	19	0.5	91.5	MC DONALD	8	0.2	
55.5	PERRY	19	0.5	93.0	RAY	7	0.2	
55.5	STONE	19	0.5	95.0	PEMISCOT	6	0.2	
			Second Quartile	95.0	SHELBY	6	0.2	
				95.0	WORTH	6	0.2	
			Third Quartile	99.0	GENTRY	5	0.1	
59.5	LINN	18	0.5	99.0	GRUNDY	5	0.1	
59.5	MARIES	18	0.5	99.0	KNOX	5	0.1	
64.5	BARTON	16	0.4	99.0	PUTNAM	5	0.1	
64.5	BATES	16	0.4	99.0	SHANNON	5	0.1	
64.5	CARROLL	16	0.4	104.0	CEDAR	4	0.1	
64.5	CLARK	16	0.4	104.0	HICKORY	4	0.1	
64.5	LEWIS	16	0.4	104.0	MERCER	4	0.1	
64.5	LIVINGSTON	16	0.4	104.0	MISSISSIPPI	4	0.1	
64.5	STODDARD	16	0.4	104.0	NEW MADRID	4	0.1	
64.5	WEBSTER	16	0.4	108.0	BARRY	3	0.1	
69.0	MONROE	15	0.4	108.0	BOLLINGER	3	0.1	
70.5	ADAIR	14	0.4	108.0	SCHUYLER	3	0.1	
70.5	OREGON	14	0.4	111.0	HOWARD	2	0.1	
72.0	POLK	13	0.4	111.0	MADISON	2	0.1	
74.5	CLINTON	12	0.3	111.0	OZARK	2	0.1	
74.5	OSAGE	12	0.3	113.0	ST LOUIS CITY	1	0.0	
74.5	RALLS	12	0.3	114.5	DADE	0	0.0	
74.5	ST CLAIR	12	0.3	114.5	IRON	0	0.0	

#### **CITY LISTING**

1.0     KANSAS CITY     214     17.7       2.0     LES SUMMIT     49     4.1       3.0     WILDWOOD     47     3.9       4.0     CAPE GIRARDEAU     44     3.6       5.0     JEFFERSON CITY     42     3.5       6.0     JOPLIN     25     2.1       7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       8.5     MARYLADN HEIGHTS     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       14.5     HANIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       14.5     SPRINGFIELD     17     1.4       14.5     SPRINGFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BULE SPRINGS     10     0.8 <tr< th=""><th>RANK</th><th>CITY</th><th>FREQUENCY</th><th>PERCENT<sup>1</sup></th></tr<>	RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
3.0     WILDWOOD     47     3.9       4.0     CAPE GIRARDEAU     44     3.6       5.0     JEFFERSON CITY     42     3.5       6.0     JOPLIN     25     2.1       7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       12.5     LAKE OZARK     18     1.5       12.5     LAKE OZARK     18     1.5       12.5     DAGAGE BEACH     18     1.5       12.5     OSAGE BEACH     18     1.5       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     WARRENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KONDE NOSTER     12     1.0       21.5     FORISTELL     11     0.9       21.5     ROLLA     10     0.8    <	1.0	KANSAS CITY	214	17.7
4.0     CAPE GRARDEAU     44     3.6       5.0     JEFERSON CITY     42     3.5       6.0     JOPLIN     25     2.1       7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       8.5     MARYLAND HEIGHTS     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       14.5     HANNIBAL     17     1.4       16.0     ST.ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARENBBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       10.0     CHESTERFIELD     14     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BALLWIN     10     0.8       24.5     WENTZVILLE     10     0.7       29.0     GRANDVIEW     9     0.7				
4.0     CAPE GRARDEAU     44     3.6       5.0     JEFERSON CITY     42     3.5       6.0     JOPLIN     25     2.1       7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       8.5     MARYLAND HEIGHTS     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       14.5     HANNIBAL     17     1.4       16.0     ST.ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARENBBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       10.0     CHESTERFIELD     14     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BALLWIN     10     0.8       24.5     WENTZVILLE     10     0.7       29.0     GRANDVIEW     9     0.7	3.0	WILDWOOD	47	3.9
5.0     JEFFERSON CITY     42     3.5       6.0     JOPLIN     25     2.1       7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       8.5     MARYLAND HEIGHTS     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       12.5     LAKE OZARK     18     1.5       14.5     HANIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     INDEPENDENCE     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     ROLLA     11     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BULUS PRINGS     10     0.8       24.5     COLUMBIA     10     0.7				
6.0     JOPLIN     25     2.1       7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       8.5     MARYLAND HEIGHTS     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       14.5     HANNIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     WARRENSBURG     15     1.2       17.5     WARRENSBURG     15     1.2       17.5     RORISTER     12     1.0       21.5     FORISTEL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BALLWIN     10     0.8       24.5     BALLWIN     10     0.8       24.5     COLUMBIA     10     0.8       24.5     COLUMBIA     10     0.8       29				
7.0     PARKVILLE     23     1.9       8.5     JACKSON     22     1.8       10.0     FULTON     21     1.7       11.0     ST JOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       12.5     OSAGE BEACH     18     1.5       14.5     HANNIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       14.5     SPRINGFIELD     14     1.2       17.5     WARRENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       21.5     ROLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     COLUMBIA     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     PLATTE CITY     9     0.7				
8.5     JACKSON     22     1.8       8.5     MARYLAND HEIGHTS     22     1.8       10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       12.5     OSAGE BEACH     18     1.5       14.5     HANNIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARRENSBURG     15     1.2       17.5     ROLLA     11     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     LAKE ST. LOUIS     9     0.7				
8.5       MARYLAND HEIGHTS       22       1.8         10.0       FULTON       21       1.7         11.0       ST JOSEPH       19       1.6         12.5       LAKE OZARK       18       1.5         14.5       SPRINGFIELD       17       1.4         14.5       SPRINGFIELD       17       1.4         14.5       SPRINGFIELD       16       1.3         17.5       WARENSBURG       15       1.2         19.0       CHESTERFIELD       14       1.2         20.0       KNOB NOSTER       12       1.0         21.5       ROLLA       11       0.9         21.5       ROLLA       11       0.9         24.5       BLUE SPRINGS       10       0.8         24.5       BLUE SPRINGS       10       0.8         24.5       BULUS SPRINGS       9       0.7         29.0       BOWLING GREEN       9       0.7         29.0       BOWLING GREEN       9       0.7         29.0       LAKE ST. LOUIS       9       0.7         29.0       PLATTE CITY<				
10.0     FULTON     21     1.7       11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       12.5     OSAGE BEACH     18     1.5       14.5     HANNIBAL     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BALUWIN     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     UAKE ST. LOUIS     9     0.7       29.0     UAKE ST. LOUIS     9     0.7       29.0     VAYNESVILLE     9     0.7 <td></td> <td></td> <td></td> <td></td>				
11.0     STJOSEPH     19     1.6       12.5     LAKE OZARK     18     1.5       12.5     OSAGE BEACH     18     1.5       14.5     HANNIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     COLUMBIA     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       36.5     CREVE COEUR     8     0.7 <td></td> <td></td> <td></td> <td></td>				
12.5     LAKE OZARK     18     1.5       12.5     OSAGE BEACH     18     1.5       14.5     HANIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     DLUNG GREEN     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     WAYNESVILLE     9     0.7       29.0     WAYNESVILE     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HULSBORO     8     0.7				
12.5     OSAGE BEACH     18     1.5       14.5     HANNIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARENSBURG     15     1.2       17.5     WORENSTER     12     1.0       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     BULE SPRINGS     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     GRANDVIEW     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     PLATTE CITY     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HERCULANEUM     8     0.7 </td <td></td> <td></td> <td></td> <td></td>				
14.5     HANNIBAL     17     1.4       14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARRENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     VAYNESVILLE     9     0.7       29.0     VAYNESVILLE     9     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     LIBERTY     8     0.7				
14.5     SPRINGFIELD     17     1.4       16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARRENSBURG     15     1.2       17.5     WARRENSBURG     14     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     0     0.7       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HULSBORO     8     0.7       36.5     HILLSBORO     8     0.7       36.5     JIBERTY     8     0.7 <td></td> <td></td> <td></td> <td></td>				
16.0     ST. ROBERT     16     1.3       17.5     INDEPENDENCE     15     1.2       17.5     WARENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     COLUMBIA     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     VAYNESVILLE     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     UOISIANA     8     0.7				
17.5     INDEPENDENCE     15     1.2       17.5     WARKENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     BUUE SPRINGS     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     EUREKA     8     0.7       36.5     EUREKA     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     DIBERTY     8     0.7 <t< td=""><td></td><td></td><td></td><td></td></t<>				
17.5     WARRENSBURG     15     1.2       19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       24.5     BALLWIN     10     0.8       24.5     BALUE SPRINGS     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     GRANDVIEW     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     DALKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     VAYNESVILLE     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HIELSBORO     8     0.7       36.5     LOUISIANA     8     0.7       36.5     LOUISIANA     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     BONVILLE     7     0.6				
19.0     CHESTERFIELD     14     1.2       20.0     KNOB NOSTER     12     1.0       21.5     FORISTELL     11     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WARYNESVILE     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     LOUISIANA     8     0.7       36.5     LOUISIANA     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     SUNSET HILLS     8     0.7				
20.0       KNOB NOSTER       12       1.0         21.5       FORISTELL       11       0.9         21.5       ROLLA       11       0.9         24.5       BALLWIN       10       0.8         24.5       BLUE SPRINGS       10       0.8         24.5       COLUMBIA       10       0.8         24.5       COLUMBIA       10       0.8         24.5       WENTZVILLE       10       0.8         29.0       BOWLING GREEN       9       0.7         29.0       LAKE ST. LOUIS       9       0.7         29.0       PLATTE CITY       9       0.7         29.0       WAYNESVILLE       9       0.7         29.0       WAYNESVILLE       9       0.7         36.5       CREVE COEUR       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       LIBERTY       8       0.7         36.5       LUISIANA       8       0.7         36.5       SUNSET HILLS       8 </td <td></td> <td></td> <td></td> <td></td>				
21.5     FORISTELL     11     0.9       21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     CAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     CREVE COEUR     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     LIBERTY     8     0.7       36.5     LIBERTY     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARENTON     8     0.7       36.5     SUNSET HILLS     8     0.7 <tr< td=""><td></td><td></td><td></td><td></td></tr<>				
21.5     ROLLA     11     0.9       24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     PLATE COEUR     8     0.7       36.5     ARNOLD     8     0.7       36.5     EUREKA     8     0.7       36.5     EUREKA     8     0.7       36.5     LOUISIANA     8     0.7       36.5     LOUISIANA     8     0.7       36.5     JUNSET HILLS     8     0.7       36.5     JUNSET HILLS     8     0.7       36.5     BOONVILLE     7     0.6       43.5     BOONVILLE     7     0.6 <td< td=""><td></td><td></td><td></td><td></td></td<>				
24.5     BALLWIN     10     0.8       24.5     BLUE SPRINGS     10     0.8       24.5     COLUMBIA     10     0.8       24.5     WENTZVILLE     10     0.8       24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     ARNOLD     8     0.7       36.5     GREVE COEUR     8     0.7       36.5     HURCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     JUNSET HILLS     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     SUNSET HILLS     8     0.7				
24.5       BLUE SPRINGS       10       0.8         24.5       COLUMBIA       10       0.8         24.5       WENTZVILLE       10       0.8         29.0       BOWLING GREEN       9       0.7         29.0       GRANDVIEW       9       0.7         29.0       LAKE ST. LOUIS       9       0.7         29.0       PLATTE CITY       9       0.7         29.0       WAYNESVILLE       9       0.7         36.5       ARNOLD       8       0.7         36.5       CREVE COEUR       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       LIBERTY       8       0.7         36.5       JOTALION       8       0.7         36.5       SUNSET HILLS       8       0.7         36.5       SUNSET HILLS       8       0.7         36.5       SUNSET HILLS       8       0.7         35.5       BONVILLE       7				
24.5       COLUMBIA       10       0.8         24.5       WENTZVILLE       10       0.8         29.0       BOWLING GREEN       9       0.7         29.0       GRANDVIEW       9       0.7         29.0       GRANDVIEW       9       0.7         29.0       LAKE ST. LOUIS       9       0.7         29.0       PLATTE CITY       9       0.7         29.0       WAYNESVILLE       9       0.7         36.5       ARNOLD       8       0.7         36.5       CREVE COEUR       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HILSBORO       8       0.7         36.5       LIBERTY       8       0.7         36.5       OTALLON       8       0.7         36.5       SUNSET HILLS       8       0.7         36.5       WARRENTON       8       0.7         35.5       BELTON       7       0.6         43.5       BOONVILLE       7 <t< td=""><td></td><td></td><td></td><td></td></t<>				
24.5     WENTZVILLE     10     0.8       29.0     BOWLING GREEN     9     0.7       29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     ARNOLD     8     0.7       36.5     CREVE COEUR     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     LIBERTY     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     BOONVILLE     7     0.6       43.5     DASINON     6     0.5       50.5     DES PERES     6     0.5       5				
29.0       BOWLING GREEN       9       0.7         29.0       GRANDVIEW       9       0.7         29.0       LAKE ST. LOUIS       9       0.7         29.0       PLATTE CITY       9       0.7         29.0       WAYNESVILLE       9       0.7         36.5       ARNOLD       8       0.7         36.5       CREVE COEUR       8       0.7         36.5       EUREKA       8       0.7         36.5       HILLSBORO       8       0.7         36.5       LIBERTY       8       0.7         36.5       LOUISIANA       8       0.7         36.5       JUSIANA       8       0.7         36.5       SUNSET HILLS       8       0.7         36.5       WARRENTON       8       0.7         36.5       BELTON       7       0.6         43.5       BOONVILLE       7       0.6         43.5       WASHINGTON       7       0.6         50.5       COTTLEVILLE       6       0.5         50.5       DES PERES       6       0.5				
29.0     GRANDVIEW     9     0.7       29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     ARNOLD     8     0.7       36.5     CREVE COEUR     8     0.7       36.5     EUREKA     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILSBORO     8     0.7       36.5     LOUISIANA     8     0.7       36.5     LOUISIANA     8     0.7       36.5     OFALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     ST. CHARLES     6     0.5       50.5				
29.0     LAKE ST. LOUIS     9     0.7       29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     ARNOLD     8     0.7       36.5     CREVE COEUR     8     0.7       36.5     EUREKA     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     OFALLON     8     0.7       36.5     OFALLON     8     0.7       36.5     WARENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     DES PERES     6     0.5       50.5     DES PERES     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST.				
29.0     PLATTE CITY     9     0.7       29.0     WAYNESVILLE     9     0.7       36.5     ARNOLD     8     0.7       36.5     CREVE COEUR     8     0.7       36.5     EUREKA     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     O'FALLON     8     0.7       36.5     O'FALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5 <t< td=""><td></td><td></td><td></td><td></td></t<>				
29.0       WAYNESVILLE       9       0.7         36.5       ARNOLD       8       0.7         36.5       CREVE COEUR       8       0.7         36.5       EUREKA       8       0.7         36.5       EUREKA       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HERCULANEUM       8       0.7         36.5       HILSBORO       8       0.7         36.5       LOUISIANA       8       0.7         36.5       O'FALLON       8       0.7         36.5       O'FALLON       8       0.7         36.5       SUNSET HILLS       8       0.7         36.5       WARRENTON       8       0.7         36.5       BELTON       7       0.6         43.5       BOONVILLE       7       0.6         43.5       PEVELY       7       0.6         50.5       COTTLEVILLE       6       0.5         50.5       DES PERES       6       0.5         50.5       MOBERLY       6       0.5				
36.5     ARNOLD     8     0.7       36.5     CREVE COEUR     8     0.7       36.5     EUREKA     8     0.7       36.5     EUREKA     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LOUISIANA     8     0.7       36.5     O'FALLON     8     0.7       36.5     O'FALLON     8     0.7       36.5     O'FALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     BOONVILE     7     0.6       43.5     BOONVILLE     7     0.6       43.5     WASHINGTON     7     0.6       50.5     DES PERES     6     0.5       50.5     DES PERES     6     0.5       50.5     OTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5				
36.5     CREVE COEUR     8     0.7       36.5     EUREKA     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     O'FALLON     8     0.7       36.5     O'FALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5				
36.5     EUREKA     8     0.7       36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     LOUISIANA     8     0.7       36.5     O'FALLON     8     0.7       36.5     O'FALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       50.5     DES PERES     6     0.5       50.5     DES PERES     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CHARLES     6     0.5       50.5				
36.5     HERCULANEUM     8     0.7       36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     OFALLON     8     0.7       36.5     OFALLON     8     0.7       36.5     OFALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     PEVELY     7     0.6       43.5     BANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
36.5     HILLSBORO     8     0.7       36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     OFALLON     8     0.7       36.5     OFALLON     8     0.7       36.5     OFALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       50.5     DRANSON     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
36.5     LIBERTY     8     0.7       36.5     LOUISIANA     8     0.7       36.5     OFALLON     8     0.7       36.5     OFALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     WARRENTON     8     0.7       36.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       43.5     WASHINGTON     7     0.6       50.5     DEN PERES     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
36.5     LOUISIANA     8     0.7       36.5     O'FALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     WARRENTON     8     0.7       43.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
36.5     O'FALLON     8     0.7       36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       36.5     WARRENTON     8     0.7       36.5     WARRENTON     8     0.7       43.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
36.5     SUNSET HILLS     8     0.7       36.5     WARRENTON     8     0.7       43.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     MOBERLY     6     0.5       50.5     POTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
36.5     WARRENTON     8     0.7       43.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     POTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
43.5     BELTON     7     0.6       43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
43.5     BOONVILLE     7     0.6       43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
43.5     PEVELY     7     0.6       43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     POTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
43.5     WASHINGTON     7     0.6       50.5     BRANSON     6     0.5       50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     POTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
50.5       BRANSON       6       0.5         50.5       COTTLEVILLE       6       0.5         50.5       DES PERES       6       0.5         50.5       GLADSTONE       6       0.5         50.5       GLADSTONE       6       0.5         50.5       MOBERLY       6       0.5         50.5       POTOSI       6       0.5         50.5       ST. CHARLES       6       0.5         50.5       ST. CLAIR       6       0.5         50.5       SALEM       6       0.5				
50.5     COTTLEVILLE     6     0.5       50.5     DES PERES     6     0.5       50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     POTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
50.5       DES PERES       6       0.5         50.5       GLADSTONE       6       0.5         50.5       MOBERLY       6       0.5         50.5       POTOSI       6       0.5         50.5       ST. CHARLES       6       0.5         50.5       ST. CLAIR       6       0.5         50.5       SALEM       6       0.5				
50.5     GLADSTONE     6     0.5       50.5     MOBERLY     6     0.5       50.5     POTOSI     6     0.5       50.5     ST. CHARLES     6     0.5       50.5     ST. CLAIR     6     0.5       50.5     SALEM     6     0.5				
50.5       MOBERLY       6       0.5         50.5       POTOSI       6       0.5         50.5       ST. CHARLES       6       0.5         50.5       ST. CLAIR       6       0.5         50.5       SALEM       6       0.5				
50.5       POTOSI       6       0.5         50.5       ST. CHARLES       6       0.5         50.5       ST. CLAIR       6       0.5         50.5       SALEM       6       0.5				
50.5       ST. CHARLES       6       0.5         50.5       ST. CLAIR       6       0.5         50.5       SALEM       6       0.5				
50.5       ST. CLAIR       6       0.5         50.5       SALEM       6       0.5				
50.5 SALEM 6 0.5				
50.5 SEDALIA 6 0.5				
	50.5	SEDALIA	6	0.5

<sup>1</sup>Percentage is based on deer 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.

