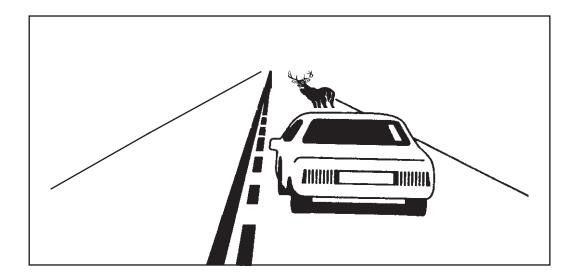
MISSOURI STATE HIGHWAY PATROL



ANALYSIS OF DEER INVOLVEMENT IN MISSOURI TRAFFIC CRASHES 2004

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

November, 2005

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2004 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

To assess the problem of 2004 deer-related traffic crashes in Missouri, two information sources were utilized. In the first instance, data from the National Highway Traffic Safety Administration (NHTSA), Fatality Analysis Reporting System (FARS) were analyzed. In this analysis, fatal crashes were identified where the first harmful event involved a motor vehicle striking a deer. In addition, fatal crashes were identified 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.

The second source of information used in this study was the Missouri Statewide Traffic Accident Records System (STARS). Using STARS data, all 2004 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 2004 traffic crashes related to deer involvement:

FARS DATA SOURCE	An analysis was conducted of all 2004 Missouri fatal traffic crashes. There were 1,006 such crashes in which 1,130 persons were killed. Four people lost their lives in four fatal crashes involving a vehicle striking a deer and one person died in one crash where deer were avoided.
STARS DATA SOURCE	 In 2004, Missouri had 3,827 traffic crashes where deer-vehicle strikes occurred in the first harmful event. One deer strike occurred every 2.3 hours in the State. In 2004, 5 people were killed and 337 injured in these types of crashes. One person was killed or injured every 1.1 days. Of all deer strike traffic crashes, 30.0% occurred in an urban area and 70.0% occurred in a rural area of the State. Even though rural areas seem to be overrepresented, the eight highest ranking Missouri counties experiencing this problem are associated with major metropolitan areas. These include: Jackson, St. Louis, Platte, Jefferson, Clay, Boone, St. Charles, and Franklin. Deer strike traffic crashes in these counties account for 40.3% of the total. Slightly less than four of five, or 79.8%, of the 2004 deer strike crashes occurred on State-maintained roadways. The greatest proportion occurred on State Numbered Routes (27.0%), followed closely by U.S. Highways (22.5%) and State Lettered Routes (19.0%). An additional 12.3% occurred on city street, 10.5% on Interstates, and 7.1% on county roads. Calculations show slightly more than half, or 51.1%, of the 2004 deer strike crashes occurred from October through December, with the largest proportion in November
	 (25.1%). 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. Friday and Sunday were the most likely weekdays for deer strike crashes to occur. Nearly one in three, or 30.7%, occurred on Friday or Sunday in 2004.
	• The majority of deer strike crashes occurred from 5:00 p.m. through 6:59 a.m. This

- Of the drivers striking deer, 60.6% were male and 39.4% were female. The average age of the driver was 39.1 years.
- Of the drivers striking deer, 88.0% had a Missouri driver's license, 11.7% had an out-of-state driver's license, and 0.2% were unlicensed at the time of the crash.

time period accounted for 86.7% of the total.

3. FINDINGS

The following is a series of tables and figures which characterize Missouri's 2004 deer strike traffic crash problem.

2004 MISSOURI FATAL TRAFFIC CRASHES DEER INVOLVEMENT¹

TYPE OF CRASH	FATAL CRASHES	%	FATALITIES
DEER-VEHICLE STRIKE	4	0.4	4
AVOIDING DEER	1	0.1	1
NOINVOLVEMENT	1,001	99.5	1,125
STATE TOTAL	1,006	100.0	1,130

TABLE 1

¹Source: National Highway Traffic Safety Administration (NHTSA), Fatality Analysis Reporting System (FARS).

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DEER STRIKE INVOLVEMENT

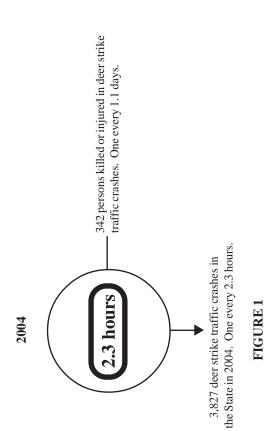
			PERSONAL		PROPERTY				TOTAL	TOTAL NUMBER ¹	DRIVERS/F OF VE STRIKIN	DRIVERS/PASSENGERS OF VEHICLES STRIKING DEER ²
	FATAL		% INJURY	%	% DAMAGE	%	TOTAL	%	KILLED	KILLED INJURED	KILLED INJURED	INJURED
DEERINVOLVED	5	0.5	278	0.6	3,544	2.6	3,827	2.1	5	337	4	324
OTHER INVOLEMENT 1,001	1,001	99.5	45,573	99.4	99.4 131,842	97.4	97.4 178,416	97.9	1,125	68,336		,
TOTAL	1,006	100.0	1,006 100.0 45,851	100.0	100.0 135,386 100.0 182,243 100.0 1,130 68,673	100.0	182,243	100.0	1,130	68,673	4	324

¹This 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.

²This 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 2

MISSOURI TRAFFIC SAFETY DEER INVOLVEMENT PROBLEM ANALYSIS CLOCK



	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	0	0.0	69	24.8	1,081	30.5	1,150	30.0
RURAL	5	100.0	209	75.2	2,463	69.5	2,677	70.0
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

AREA CLASSIFICATION BY CRASH SEVERITY

TABLE 3

2004 MISSOURI DEER CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	4	80.0	227	81.7	2,434	88.7	2,665	88.1
CURVE	1	20.0	51	18.3	309	11.3	361	11.9
UNKNOWN	0	-	0	-	801	-	801	-
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

TABLE 4

2004 MISSOURI DEER CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	3	60.0	160	58.0	1,727	63.5	1,890	63.0
HILL	2	40.0	104	37.7	924	34.0	1,030	34.3
CREST	0	0.0	12	4.3	69	2.5	81	2.7
UNKNOWN	0	-	2	-	824	-	826	-
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

TABLE :	5
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	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	1	20.0	48	17.4	551	20.2	600	19.9
WET	4	80.0	224	81.2	2,142	78.6	2,370	78.8
SNOW	0	0.0	0	0.0	0	0.0	0	0.0
ICE	0	0.0	2	0.7	24	0.9	26	0.9
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	2	0.7	9	0.3	11	0.4
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	-	2	-	818	-	820	-
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

ROAD CONDITIONS BY CRASH SEVERITY

TABLE 6

2004 MISSOURI DEER CRASHES

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	25	9.0	377	10.6	402	10.5
U.S. HIGHWAY	1	20.0	67	24.1	791	22.3	859	22.5
STATE NUMBERED	1	20.0	90	32.4	944	26.6	1,035	27.0
SINGLE STATE LETTERED	1	20.0	38	13.7	507	14.3	546	14.3
DOUBLE STATE LETTERE	D 1	20.0	10	3.6	170	4.8	181	4.7
OUTER ROAD	0	0.0	1	0.4	26	0.7	27	0.7
COUNTY ROAD	1	20.0	22	7.9	249	7.0	272	7.1
CITY STREET	0	0.0	23	8.3	449	12.7	472	12.3
INTERSTATE LOOP	0	0.0	0	0.0	2	0.1	2	0.1
OTHER ¹	0	0.0	2	0.7	29	0.8	31	0.8
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

¹ "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							RURAL	IAL			
	FATAL	%	PERSONAL INJURY	к Г	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	10	14.5	127	11.8	137	11.9	0	0.0	15	7.2	250	10.2	265	9.9
U.S. HIGHWAY	0	0.0	6	13.0	187	17.3	196	17.0	1	20.0	58	27.8	604	24.5	663	24.8
STATE NUMBERED	0	0.0	23	33.3	235	21.7	258	22.4	1	20.0	67	32.1	602	28.8	TTT	29.0
SINGLE STATE LETTERED	0	0.0	ω	4.4	35	3.2	38	3.3	1	20.0	35	16.8	472	19.2	508	19.0
DOUBLE STATE LETTERED	0	0.0	7	2.9	27	2.5	29	2.5	1	20.0	8	3.8	143	5.8	152	5.7
OUTER ROAD	0	0.0	0	0.0	8	0.7	8	0.7	0	0.0	1	0.5	18	0.7	19	0.7
COUNTY ROAD	0	0.0	7	2.9	43	4.0	45	3.9	1	20.0	20	9.6	206	8.4	227	8.5
CITY STREET	0	0.0	19	27.5	405	37.5	424	36.9	0	0.0	4	1.9	44	1.8	48	1.8
INTERSTATE LOOP	0	0.0	0	0.0	1	0.1	1	0.1	0	0.0	0	0.0	1	0.0	1	0.0
OTHER	0	0.0	1	1.5	13	1.2	14	1.2	0	0.0	1	0.5	16	0.7	17	0.6
TOTAL	0	0.0	69	100.0	1,081	100.0	1,150	100.0	5	100.0	209	100.0	2,463	100.0	2,677	100.0

TABLE 8

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

2004 MISSOURI DEER CRASHES MONTH OF YEAR

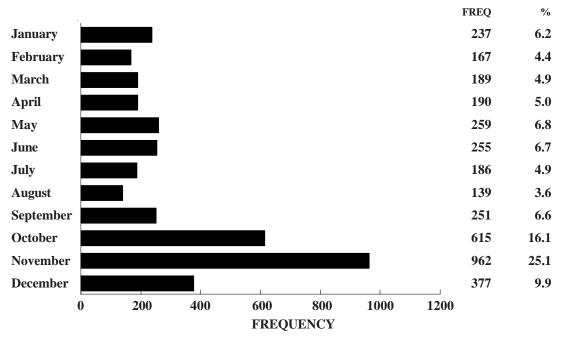


FIGURE 2

2004 MISSOURI DEER CRASHES DAY OF WEEK

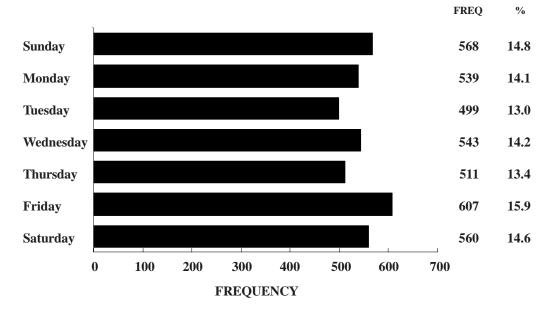


FIGURE 3

2004 MISSOURI DEER CRASHES HOUR OF DAY

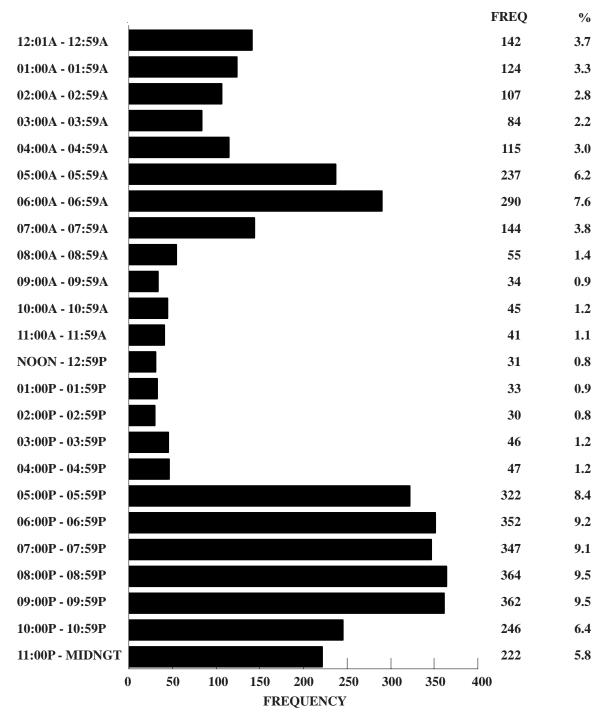


FIGURE 4

Unknown Data Not Included

2004 MISSOURI DEER CRASHES¹

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	0	0.0	146	52.5	1,823	51.5	1,969	51.5
SPORT UTILITY VEHICLE	0	0.0	22	7.9	545	15.4	567	14.8
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	25	9.0	362	10.2	387	10.1
BUS	0	0.0	0	0.0	3	0.1	3	0.1
SCHOOL BUS	0	0.0	0	0.0	3	0.1	3	0.1
MOTORCYCLE	4	80.0	47	16.9	3	0.1	54	1.4
MOPED	0	0.0	0	0.0	0	0.0	0	0.0
MOTORHOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	7 0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	E 0	0.0	0	0.0	4	0.1	4	0.1
PICK-UP TRUCK	1	20.0	34	12.2	699	19.7	734	19.2
OTHER TRUCKS	0	0.0	2	0.7	100	2.8	102	2.7
ALL TERRAIN VEHICLE	0	0.0	2	0.7	0	0.0	2	0.1
UNKNOWN	0	-	0	-	2	-	2	-
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

TYPE OF VEHICLE STRIKING DEER BY CRASH SEVERITY

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

VEHICLES STRIKING DEER IN 2004 MISSOURI CRASHES¹

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	5	100.0	277	99.6	3,540	99.9	3,822	99.9
UNKNOWN DRIVER INVOLVED	0	0.0	1	0.4	4	0.1	5	0.1
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

DRIVER INVOLVEMENT BY CRASH SEVERITY

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

TABLE 10

DRIVERS OF VEHICLES STRIKING DEER IN 2004 MISSOURI CRASHES¹

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	5	100.0	152	54.9	1,789	61.1	1,946	60.6
FEMALE	0	0.0	125	45.1	1,138	38.9	1,263	39.4
UNKNOWN	0	-	1	-	617	-	618	-
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

'The table includes only drivers of vehicles striking deer during the first harmful event in a crash.

DRIVERS OF VEHICLES STRIKING DEER IN 2004 MISSOURI CRASHES¹

PERSONAL PROPERTY % INJURY TOTAL % FATAL % DAMAGE % AVERAGE AGE OF DRIVER 27.2 38.4 39.1 39.1 ---_ 14 YEARS AND UNDER 0 0.0 0 0.0 0 0.0 0 0.0 15 - 20 YEARS 0 0.0 38 14.0 308 8.8 346 9.1 21 - 25 YEARS 40.0 13.0 2 39 14.3 452 12.9 493 26 - 30 YEARS 20.0 10.5 391 10.3 1 22 8.1 368 31 - 35 YEARS 2 40.0 30 11.0 384 10.9 416 11.0 36 - 40 YEARS 0 0.0 22 8.1 410 11.7 432 11.4 41 - 45 YEARS 0 11.0 417 0.0 30 11.9 447 11.8 46 - 50 YEARS 0 0.0 9.6 401 11.4 427 11.3 26 51 - 55 YEARS 0 0.027 9.9 305 8.7 332 8.8 56 - 60 YEARS 0 0.0 10 3.7 188 5.4 198 5.2 61 - 65 YEARS 0 0.0 3.9 16 5.9 132 3.8 148 66 YEARS AND OVER 0 0.012 4.4 144 4.1 156 4.1 UNKNOWN 0 6 35 41 ----TOTAL 5 100.0 278 100.0 3,544 100.0 3,827 100.0

AGE OF DRIVER BY CRASH SEVERITY

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

TABLE 12

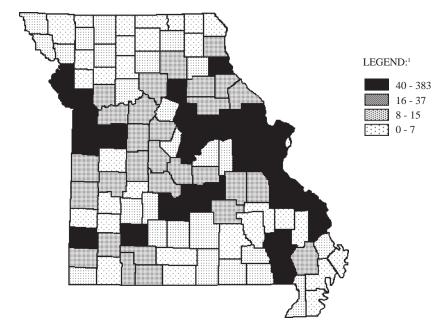
DRIVERS OF VEHICLES STRIKING DEER IN 2004 MISSOURI CRASHES¹

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	0	0.0	6	0.2	6	0.2
OPERATOR'S LICENSE	4	80.0	229	82.7	2,196	80.7	2,429	80.8
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	19	6.9	191	7.0	210	7.0
SUB-TOTAL	4	80.0	248	89.5	2,393	87.9	2,645	88.0
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	1	0.0	1	0.0
OPERATOR'S LICENSE	0	0.0	23	8.3	280	10.3	303	10.1
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	3	1.1	46	1.7	49	1.6
SUB-TOTAL	0	0.0	26	9.4	327	12.0	353	11.7
UNLICENSED	1	20.0	3	1.1	3	0.1	7	0.2
UNKNOWN	0	-	1	-	821	-	822	-
TOTAL	5	100.0	278	100.0	3,544	100.0	3,827	100.0

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

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

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	383	10.0	21.5	STE. GENEVIEVE	49	1.3
2.0	ST. LOUIS	203	5.3	23.0	MARION	46	1.2
3.0	PLATTE	197	5.1	24.0	WAYNE	42	1.1
4.0	JEFFERSON	181	4.7	26.0	BUTLER	41	1.1
5.0	CLAY	180	4.7	26.0	MONTGOMERY	41	1.1
6.0	BOONE	175	4.6	26.0	PERRY	41	1.1
7.0	ST. CHARLES	134	3.5	28.5	BUCHANAN	40	1.0
8.0	FRANKLIN	91	2.4	28.5	GREENE	40	1.0
9.0	ST. FRANCOIS	86	2.2			Fii	st Quartile
10.0	JOHNSON	81	2.1				
11.5	CASS	79	2.1			Secon	nd Quartile
11.5	LINCOLN	79	2.1	30.0	PETTIS	37	1.0
13.0	COLE	62	1.6	31.5	MORGAN	35	0.9
14.0	WARREN	59	1.5	31.5	NEWTON	35	0.9
15.5	CALLAWAY	57	1.5	33.0	COOPER	34	0.9
15.5	RANDOLPH	57	1.5	34.0	VERNON	33	0.9
17.0	PHELPS	56	1.5	35.5	CAMDEN	30	0.8
18.0	CAPE GIRARDEA	U 53	1.4	35.5	TANEY	30	0.8
19.5	JASPER	51	1.3	37.5	CRAWFORD	28	0.7
19.5	PULASKI	51	1.3	37.5	ST. CLAIR	28	0.7
21.5	LACLEDE	49	1.3	39.0	MACON	27	0.7
			I				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	BENTON	24	0.6	78.5	HOWARD	9	0.2
41.0	DENT	24	0.6	78.5	POLK	9	0.2
41.0	MILLER	24	0.6	78.5	WRIGHT	9	0.2
43.5	MONROE	23	0.6	82.5	ATCHISON	8	0.2
43.5	RAY	23	0.6	82.5	DAVIESS	8	0.2
45.0	MARIES	22	0.6	82.5	MONITEAU	8	0.2
46.5	LEWIS	21	0.5	82.5	OREGON	8	0.2
46.5	PIKE	21	0.5			Thi	d Quartile
49.5	AUDRAIN	20	0.5				
49.5	LAFAYETTE	20	0.5			Four	h Quartile
49.5	STODDARD	20	0.5	87.5	BARRY	7	0.2
49.5	STONE	20	0.5	87.5	BARTON	7	0.2
53.0	BATES	19	0.5	87.5	DOUGLAS	7	0.2
53.0	CHRISTIAN	19	0.5	87.5	KNOX	7	0.2
53.0	RALLS	19	0.5	87.5	MADISON	7	0.2
55.5	SALINE	18	0.5	87.5	SCHUYLER	7	0.2
55.5	WASHINGTON	18	0.5	92.5	DE KALB	6	0.2
57.0	LAWRENCE	17	0.4	92.5	HENRY	6	0.2
58.0	CHARITON	16	0.4	92.5	MISSISSIPPI	6	0.2
		Secon	d Quartile	92.5	NEW MADRID	6	0.2
				96.0	GRUNDY	5	0.1
		Thir	d Quartile	96.0	NODAWAY	5	0.1
60.0	GASCONADE	15	0.4	96.0	REYNOLDS	5	0.1
60.0	HARRISON	15	0.4	98.5	CALDWELL	4	0.1
60.0	HOWELL	15	0.4	98.5	CEDAR	4	0.1
62.5	DALLAS	14	0.4	104.0	CLARK	3	0.1
62.5	MC DONALD	14	0.4	104.0	CLINTON	3	0.1
66.5	CARTER	13	0.3	104.0	DADE	3	0.1
66.5	DUNKLIN	13	0.3	104.0	IRON	3	0.1
66.5	GENTRY	13	0.3	104.0	LIVINGSTON	3	0.1
66.5	HOLT	13	0.3	104.0	OZARK	3	0.1
66.5	LINN	13	0.3	104.0	PEMISCOT	3	0.1
66.5	WEBSTER	13	0.3	104.0	SHANNON	3	0.1
70.5	OSAGE	12	0.3	104.0	SULLIVAN	3	0.1
70.5	RIPLEY	12	0.3	110.0	BOLLINGER	2	0.1
72.0	TEXAS	11	0.3	110.0	WORTH	2	0.1
74.5	ANDREW	10	0.3	110.0	ST. LOUIS CITY		0.1
74.5	CARROLL	10	0.3	112.5	PUTNAM	1	0.0
74.5	SCOTT	10	0.3	112.5	SCOTLAND	1	0.0
74.5	SHELBY	10	0.3	114.5	HICKORY	0	0.0
78.5	ADAIR	9	0.2	114.5	MERCER	0	0.0
				1			

TABLE 14

CITY LISTING

1.0 KANSAS CITY 297 22.0 2.0 LEES SUMMIT 79 5.9 3.0 COLUMBIA 49 3.6 4.0 INDEPENDENCE 39 2.9 5.0 CHESTERFIELD 34 2.5 6.0 LIBERTY 27 2.0 7.0 JEFFERSON CITY 26 1.9 9.5 ST. JOSEPH 24 1.8 9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 13.0 GRANDVEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WARENSBURG 19 1.4 15.5 WARENSDURG 19 1.4 15.5 WARENSDURG 19 1.4 15.5 I.1 1.3 1.0 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS <td< th=""><th>RANK</th><th>CITY</th><th>FREQUENCY</th><th>PERCENT¹</th></td<>	RANK	CITY	FREQUENCY	PERCENT ¹
3.0 COLUMBIA 49 3.6 4.0 INDEPENDENCE 39 2.9 5.0 CHESTERFIELD 34 2.5 6.0 LIBERTY 27 2.0 7.0 IFFFRSON CITY 26 1.9 8.0 CAPE GIRARDEAU 25 1.9 9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BULE SPRINGS 19 1.4 15.5 BULE SPRINGS 19 1.4 15.5 WARENSDURG 19 1.4 15.5 WARENSDURG 19 1.4 15.5 WARENSDURG 15 1.1 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 23.5 FULTON 14 1.0 25.5 HANNBAL 13 </td <td>1.0</td> <td>KANSAS CITY</td> <td>297</td> <td>22.0</td>	1.0	KANSAS CITY	297	22.0
4.0 INDEPENDENCE 39 2.9 5.0 CHESTERFIELD 34 2.5 6.0 LIBERTY 27 2.0 7.0 JEFFERSON CITY 26 1.9 8.0 CAPE GIRARDEAU 25 1.9 9.5 ST. JOSEPH 24 1.8 9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 17.5 PARKVILLE 17 1.3 15.5 BLUE SPRINGS 19 1.4 17.5 PARKVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 23.5 FUTON 14 1.0 23.5 HANNIBAL 13 1.0 25.5 HARISONVILLE 13 1.0	2.0	LEE'S SUMMIT	79	5.9
5.0 CHESTERFIELD 34 2.5 6.0 LIBERTY 27 2.0 7.0 JEFERSON CITY 26 1.9 8.0 CAPE GIRANDEAU 25 1.9 9.5 ST. JOSEPH 24 1.8 11.5 JOPLIN 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WAREINSBURG 19 1.4 17.5 PARKVILLE 17 1.3 17.5 WAREINSBURG 19 1.4 17.5 WAREINSBURG 19 1.4 17.5 WAREINSUNGS 16 1.2 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 FULTON 14 1.0 25.5 HARNISONVILLE 13 1.0 </td <td>3.0</td> <td>COLUMBIA</td> <td>49</td> <td>3.6</td>	3.0	COLUMBIA	49	3.6
6.0 LIBERTY 27 2.0 7.0 JEFFERSON CITY 26 1.9 8.0 CAPE GIRARDEAU 25 1.9 9.5 ST. JOSEPH 24 1.8 9.5 WILDWOOD 24 1.8 11.5 JOPLN 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BULE SPRINGS 19 1.4 17.5 PARKVILLE 17 1.3 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 21.0 OSAGE BEACH 13 1.0 25.5 HARRISONVILLE 13 1.0 25.5 HARRISONNILE 13 1.0 25.5 HARRISONVILE	4.0	INDEPENDENCE	39	2.9
7.0 JEFFERSON CITY 26 1.9 8.0 CAPE GIRARDEAU 25 1.9 9.5 ST. JOSEPH 24 1.8 9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WARRENSBURG 19 1.4 17.5 WENTZVILLE 17 1.3 17.5 WENTZVILLE 17 1.3 17.5 WENTZVILLE 17 1.3 17.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 FULTON 14 1.0 23.5 HARNIBAL 13 1.0 25.5 HARNIBAL 13 1.0 25.5 HARNIBAN 11 0.8 30.5 BOONVILLE 10 0.7	5.0	CHESTERFIELD	34	2.5
8.0 CAPE GIRARDEAU 25 1.9 9.5 ST. JOSEPH 24 1.8 9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 11.5 JOPLIN 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARVLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 17.5 WENTZVILLE 17 1.3 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 MOBERLY 15 1.1 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 25.5 HARISONVILLE 13	6.0	LIBERTY	27	2.0
9.5 ST. JOSEPH 24 1.8 9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 11.5 SPRINGFIELD 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WARRENSBURG 19 1.4 17.5 WARKENSBURG 19 1.4 17.5 WARKENSDURG 19 1.4 17.5 WARKENSDURG 19 1.4 17.5 WARKENSON 15 1.1 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 FULTON 14 1.0 25.5 HARNISONVILLE 13 1.0 25.5 HARNSON 11 0.8 30.5 BOONVILLE 10 0.7	7.0	JEFFERSON CITY	26	1.9
9.5 WILDWOOD 24 1.8 11.5 JOPLIN 22 1.6 11.5 SPRINGFIELD 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WARENSBURG 19 1.4 17.5 PARKVILLE 17 1.3 17.5 WARENZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MARENZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 FUUTON 14 1.0 23.5 HARNIBAL 13 1.0 27.5 MARRENTON 12 0.9 27.5 MARENTON 12 0.9 27.5 BRANSON 11 0.8 <	8.0	CAPE GIRARDEAU	25	1.9
11.5 JOPLIN 22 1.6 11.5 SPRINGFIELD 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 BLUE SPRINGS 19 1.4 17.5 PARKVILLE 17 1.3 17.5 WARENSBURG 19 1.4 17.5 WARENSBURG 19 1.4 17.5 WARENSBURG 17 1.3 19.0 SUNSET HILLS 17 1.3 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 FULTON 14 1.0 23.5 FUTON 14 1.0 25.5 HANNIBAL 13 1.0 27.5 NEOSHO 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 CALE ST. LOUIS 9 0.7 <	9.5	ST. JOSEPH	24	1.8
11.5 SPRINGFIELD 22 1.6 13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WARRENSBURG 19 1.4 17.5 PARKVILE 17 1.3 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 21.0 OSAGE BEACH 13 1.0 23.5 FULTON 14 1.0 23.5 HANNIBAL 13 1.0 25.5 HANRISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 MARENTON 12 0.9 27.5 MARENTON 10 0.7 34.0 CALLA 9 0.7 34.0 ST. CHARLES 9 0.7 <t< td=""><td>9.5</td><td>WILDWOOD</td><td>24</td><td>1.8</td></t<>	9.5	WILDWOOD	24	1.8
13.0 GRANDVIEW 21 1.6 14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 17.5 PARKVILLE 17 1.3 17.5 WARRENSBURG 19 1.4 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HARNIBAL 13 1.0 25.5 HARNIBAL 13 1.0 27.5 NEOSHO 12 0.9 27.5 NEOSHO 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 CAKE ST. LOUIS 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7	11.5	JOPLIN	22	1.6
14.0 MARYLAND HEIGHTS 20 1.5 15.5 BLUE SPRINGS 19 1.4 15.5 WARRENSBURG 19 1.4 17.5 WARKENSBURG 19 1.4 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNBAL 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 27.5 BANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7	11.5	SPRINGFIELD	22	1.6
15.5 BLUE SPRINGS 19 1.4 15.5 WARRENSBURG 19 1.4 17.5 WARKVILLE 17 1.3 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 JACKSON 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 27.5 WARENTON 12 0.9 27.5 WARENTON 12 0.9 27.5 WARENTON 10 0.7 30.5 BOONVILLE 10 0.7 34.0 LAKE ST, LOUIS 9 0.7 34.0 CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7	13.0	GRANDVIEW	21	1.6
15.5 WARRENSBURG 19 1.4 17.5 PARVULLE 17 1.3 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 FULTON 14 1.0 23.5 FULTON 14 1.0 25.5 HARRISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 27.5 WARRENTON 10 0.7 30.5 BOONVILLE 10 0.7 34.0 CFALLON 9 0.7 34.0 ST. CHARLES 9 0.7	14.0	MARYLAND HEIGHTS	20	1.5
17.5 PARKVILLE 17 1.3 17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FUUTON 14 1.0 25.5 HARNIBAL 13 1.0 27.5 NEOSHO 12 0.9 27.5 NEOSHO 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 34	15.5	BLUE SPRINGS	19	1.4
17.5 WENTZVILLE 17 1.3 19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 27.5 NEOSHO 12 0.9 27.5 NEOSHO 12 0.9 27.5 NEOSHO 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 CFALLON 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 38.5 LAKE LOTAWANA 8 0.6 38.5	15.5	WARRENSBURG	19	1.4
19.0 SUNSET HILLS 16 1.2 21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 27.5 NEOSHO 12 0.9 27.5 NEOSHO 12 0.9 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 27.5 BOONVILLE 10 0.7 30.5 BOONVILE 10 0.7 34.0 CHARLES 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.6	17.5	PARKVILLE	17	1.3
21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 25.5 HARISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 27.5 BOONVILLE 10 0.7 30.5 BOONVILLE 10 0.7 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 MANCHESTER 8 0.6 <t< td=""><td>17.5</td><td>WENTZVILLE</td><td>17</td><td>1.3</td></t<>	17.5	WENTZVILLE	17	1.3
21.0 JACKSON 15 1.1 21.0 MOBERLY 15 1.1 21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 25.5 HARISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 27.5 BOONVILLE 10 0.7 30.5 BOONVILLE 10 0.7 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 MANCHESTER 8 0.6 <t< td=""><td>19.0</td><td>SUNSET HILLS</td><td>16</td><td>1.2</td></t<>	19.0	SUNSET HILLS	16	1.2
21.0 OSAGE BEACH 15 1.1 23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 25.5 HARRISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 27.5 WARRENTON 11 0.8 30.5 BOONVILLE 10 0.7 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 38.5 LAKE LOTAWANA 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.5		JACKSON	15	1.1
23.5 BELTON 14 1.0 23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 25.5 HARISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARENTON 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 NANCHESTER 8 0.6 35	21.0	MOBERLY	15	1.1
23.5 FULTON 14 1.0 25.5 HANNIBAL 13 1.0 25.5 HARRISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 7 0.5 45.0 ARNOLD 7 0.5 45.0 LAKE OZARK 7 0.5	21.0	OSAGE BEACH	15	1.1
25.5 HANNIBAL 13 1.0 25.5 HARRISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 7 0.5 45.0 FENTON 7 0.5	23.5	BELTON	14	1.0
25.5 HARRISONVILLE 13 1.0 27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 NANOLD 7 0.5 45.0 FENTON 7 0.5 45.0	23.5	FULTON	14	1.0
27.5 NEOSHO 12 0.9 27.5 WARRENTON 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 35.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 NANCHESTER 8 0.6 38.5 RIVERSIDE 7 0.5 45.0 HAKE OZARK 7 0.5 45.0 DZARK 7 0.5 45.0 </td <td>25.5</td> <td>HANNIBAL</td> <td>13</td> <td>1.0</td>	25.5	HANNIBAL	13	1.0
27.5 WARRENTON 12 0.9 29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 35.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 NANCHESTER 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 DZARK 7 0.5 45.0 </td <td>25.5</td> <td>HARRISONVILLE</td> <td>13</td> <td>1.0</td>	25.5	HARRISONVILLE	13	1.0
29.0 BRANSON 11 0.8 30.5 BOONVILLE 10 0.7 30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 35.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 PACIFIC 7 0	27.5	NEOSHO	12	0.9
30.5 BOONVILLE 10 0.7 30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0	27.5	WARRENTON	12	0.9
30.5 PEVELY 10 0.7 34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 34.0 ST. PETERS 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.6 35.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 PACIFIC 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 </td <td>29.0</td> <td>BRANSON</td> <td>11</td> <td>0.8</td>	29.0	BRANSON	11	0.8
34.0 LAKE ST. LOUIS 9 0.7 34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 34.0 ST. PETERS 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.6 35.0 ARNOLD 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	30.5	BOONVILLE	10	0.7
34.0 OFALLON 9 0.7 34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 34.0 ST. PETERS 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.6 35.0 FENTON 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 DACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	30.5	PEVELY	10	0.7
34.0 ROLLA 9 0.7 34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 34.0 ST. PETERS 9 0.7 35.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	34.0	LAKE ST. LOUIS	9	0.7
34.0 ST. CHARLES 9 0.7 34.0 ST. PETERS 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	34.0	O'FALLON	9	0.7
34.0 ST. PETERS 9 0.7 38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	34.0	ROLLA	9	0.7
38.5 CREVE COEUR 8 0.6 38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	34.0	ST. CHARLES	9	0.7
38.5 LAKE LOTAWANA 8 0.6 38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	34.0	ST. PETERS	9	0.7
38.5 MANCHESTER 8 0.6 38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	38.5	CREVE COEUR	8	0.6
38.5 RIVERSIDE 8 0.6 45.0 ARNOLD 7 0.5 45.0 FENTON 7 0.5 45.0 LAKE OZARK 7 0.5 45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	38.5	LAKE LOTAWANA	8	0.6
45.0ARNOLD70.545.0FENTON70.545.0LAKE OZARK70.545.0MOSCOW MILLS70.545.0OZARK70.545.0PACIFIC70.545.0RAYTOWN70.545.0TOWN AND COUNTRY70.5	38.5	MANCHESTER	8	0.6
45.0FENTON70.545.0LAKE OZARK70.545.0MOSCOW MILLS70.545.0OZARK70.545.0PACIFIC70.545.0RAYTOWN70.545.0TOWN AND COUNTRY70.5	38.5	RIVERSIDE	8	0.6
45.0LAKE OZARK70.545.0MOSCOW MILLS70.545.0OZARK70.545.0PACIFIC70.545.0RAYTOWN70.545.0TOWN AND COUNTRY70.5	45.0	ARNOLD	7	0.5
45.0 MOSCOW MILLS 7 0.5 45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	45.0	FENTON	7	0.5
45.0 OZARK 7 0.5 45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	45.0	LAKE OZARK	7	0.5
45.0 PACIFIC 7 0.5 45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	45.0	MOSCOW MILLS	7	0.5
45.0 RAYTOWN 7 0.5 45.0 TOWN AND COUNTRY 7 0.5	45.0	OZARK	7	0.5
45.0 TOWN AND COUNTRY 7 0.5	45.0	PACIFIC	7	0.5
	45.0	RAYTOWN	7	0.5
45.0 WRIGHT CITY 7 0.5	45.0	TOWN AND COUNTRY	7	0.5
	45.0	WRIGHT CITY	7	0.5

¹Percentage 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.