

Analysis of Traffic Crash Data in Kentucky 2016-2020



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Analysis of Traffic Crash Data in Kentucky 2016-2020

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A Note from the Editor

Table numbers have changed!

Beginning with the 2015-2019 report, there were substantial changes over previous versions. These changes may make comparisons to previous years difficult or in some cases impossible. If there is something missing from this year's publication you need for your job, we are still be happy to assist you. To request assistance, you may submit a data request to the Kentucky Traffic Safety Data Service (KTSDS) by visiting: <http://ktsds.ktc.uky.edu>

There are several reasons for changes to this publication and we'd like to explain our reasoning.

Since September 27, 2016 we have hosted a survey (<http://bit.ly/2cjZVS0>) about how people use this publication. Our goal has been to identify what information would be most useful in shaping this publication. Many of you responded, and those responses have helped us to guide changes.

Additionally, collision safety analysis methods have evolved. Historically the focus of analysis has been centered around crash rates based on traffic volumes. More modern methods of analysis to predict crash rates and develop modification factors utilize safety performance functions (SPFs) which can improve performance due to their ability to handle more data characteristics including non-linear models and interaction effects between variables. We now include SPFs in this publication.

Lastly, we updated methods for counting, analyzing, and producing tables. We have moved from a much older FORTRAN-based process to a modern SQL Server process.

Executive Summary and Introduction

This report documents analysis of traffic crash data in Kentucky. A primary objective of this study was to determine average crash statistics for Kentucky highways. Where used, rates were calculated for various highway types and for counties and cities. Difference criteria were used for exposure.

Average and critical numbers, SPFs, and crash rates were calculated for various highway types in rural and urban areas. These metrics rely on crashes identified on highways where Annual Average Daily Traffic (AADT) volumes were available. Data in this report may be used to help identify problem areas.

The other primary objective of this study was to provide benchmark data that can be used in to prepare the problem identification portion of Kentucky's Annual Highway Safety Plan (HSP). Crash statistics were analyzed and a summary of results and recommendations in several problem identification areas is presented. These general areas include alcohol involvement, occupant protection, speed, teenage drivers, pedestrians, bicycles, motorcycles, trucks, and vehicle defects. Other areas covered in the analysis for which specific recommendations were not made include school bus crashes and train crashes.

Crash data are stored in the Collision Report Analysis for Safer Highways (CRASH) database. This database is updated daily, so the number of crashes in a given calendar year continue to change for a substantial time after the end of that year. KTC captures an extract annually for analysis.

Since 1978, annual reports have been prepared to document statewide crash rates. Traffic crash data for a five-year period were used to prepare this report.

Kentucky has a systematic procedure to identify locations that have had abnormal rates or numbers of traffic crashes. However, before that procedure may be utilized, average crash rates and numbers must be determined for appropriate highway categories and for rural and urban areas. Those statistics may then be used in the high-crash location identification program to identify locations that should be investigated to determine whether changes should be made.

A highway safety program is prepared each year for Kentucky in order to comply with 23 U.S. Code § 402. This program includes the identification, programming, budgeting, and evaluation of safety projects with the objective of reducing the number and severity of traffic crashes.

Do you use this report? Want to give us feedback on it? Please fill out this survey: <http://bit.ly/2cjZVSO>

Procedure

Crash and traffic (traffic volume and roadway geometrics) databases were used to obtain traffic crash statistics. Traffic crash data have been maintained in a computer file containing all police-reported crashes. The crash report was changed in 2000 with the data now contained in the Collision Report Analysis for Safer Highways (CRASH) database. The computer files and database were obtained from the Kentucky State Police (KSP). All police agencies in the state are required to send traffic crash reports to the KSP.

Parking lot crashes were not included in the computer file from 1994 through 1999. Parking lot crashes are now contained in the CRASH database but they were excluded from analysis to maintain consistency with previous years. Crashes coded as occurring on private property were also excluded from the data so it would be consistent with other reports. All crashes included in the analysis occurred on a public highway. Because this database is updated each day, the number of crashes in a given calendar year continues to change for a substantial time after the end of that year. Consequently, numbers listed in this report's tables will not match those in the current CRASH database. Summaries were prepared from an analysis of the crash data from the CRASH database for the current year.

Volume data, along with other data describing highway characteristics such as number of lanes, are obtained from a computer file containing roadway characteristics data for all state-maintained highways and some local roads. In the past this information was obtained from the Highway Performance Monitoring System (HPMS) file. Now the Highway Information File (HIS) file is used. Data for the past five-year period were obtained from these files. The HPMS and HIS files were used to obtain the roadway information needed to compute crash rates as a function of various roadway characteristics such as number of lanes.

A computer program using both crash data from the crash database and roadway characteristics information from the HPMS and HIS files was used to calculate rates for the state-maintained system. A separate computer program was used to obtain additional summaries of various crash variables using all reported traffic crashes (excluding parking lots and private property).

The matching process was revised significantly starting with 2012 data due to the change to the HIS format. Crashes are now matched to any road with traffic volume data. Previously crashes were matched to HPMS using the route number. With the improvements in crash location data, crashes are matched by three different route identifiers (RT_Unique, the GIS route identifier, and roadway number). The match rate is much higher than previous years, particularly for urban streets. This has increased crash tallies and resulting rates.

Rates were calculated for: 1) all roads having known traffic volumes and route numbers and 2) all public streets and highways on and off the state-maintained system. A large majority of roads with traffic volumes are state-maintained. However, this document refers to these roads as *identified roads* since some of these routes were locally maintained. Rates were provided in terms of crashes per 100 million vehicle-miles (C/100 MVM) where traffic volumes could be determined. Population was used as the measure of exposure in instances where traffic volume data were not available. Population data from the 2020 census were used.

In addition to average rates, critical rates and crash numbers are required for the high-crash location program. Both rate types were calculated. The following formula was used to calculate critical crash rates:

$$C_c = C_a + K\sqrt{\frac{C_a}{M}} + \frac{1}{2M}$$

where:

$C_c =$	critical crash rate
$C_a =$	average crash rate
$K =$	constant related to level of statistical significance selected (a probability of 0.995 was used wherein $K = 2.576$)
$M =$	exposure (for sections, M was in terms of 100 million vehicle-miles (100 MVM); for spots, M was in terms of million vehicles)

To determine the critical number of crashes, the following was used:

$$N_c = N_a + K\sqrt{N_a} + 0.5$$

where:

$N_c =$	critical number of crashes
$N_a =$	average number of crashes



Safety Performance Functions

Overall Summary

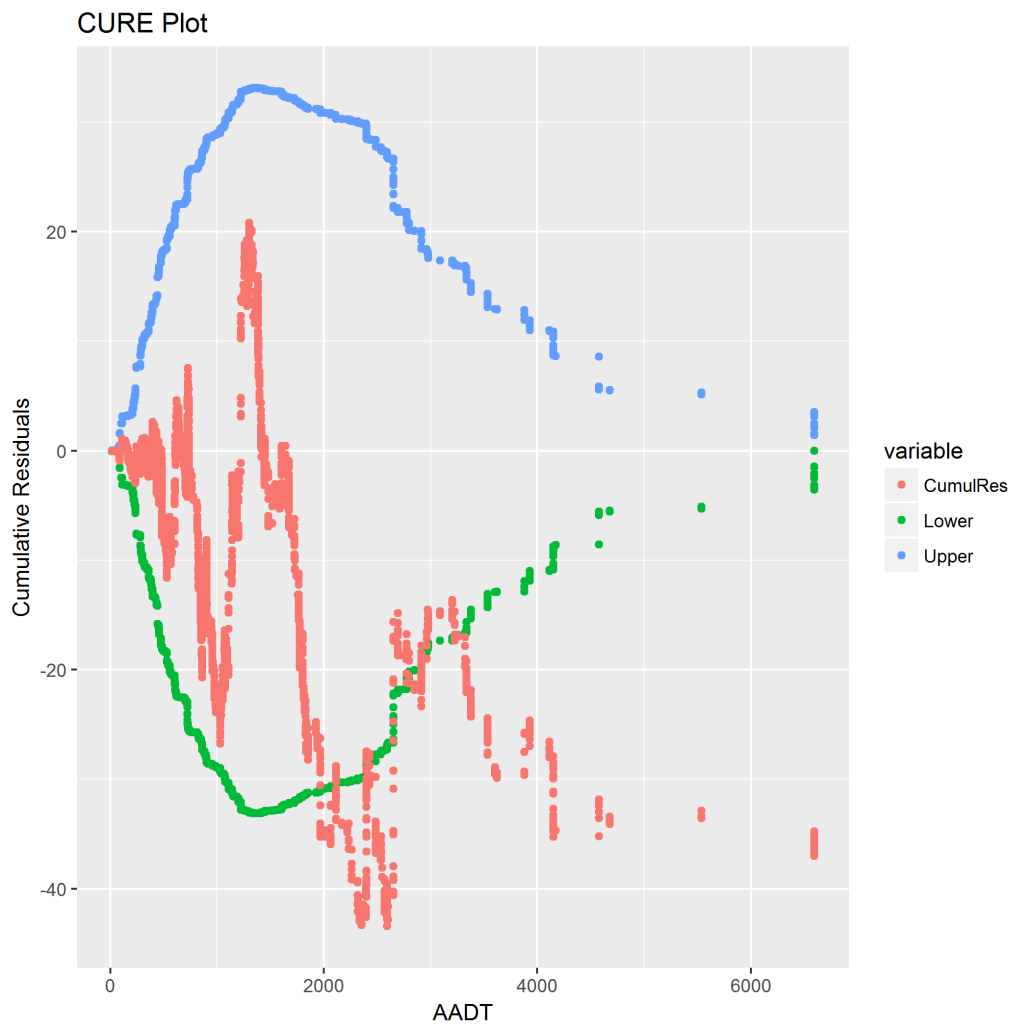
Roadway Type	Base Conditions
Rural 2 Lane	Lane Width = 9 ft Shoulder Width = 3 ft Horizontal Curve = Class A Grade = Class A
Non-ORural 2 Lane	---
Rural Multilane (Divided)	Shoulder Width = 10 ft
Rural Multilane (Undivided)	Lane Width = 12 ft
Urban Multilane (Divided)	Median Width > 20
Urban Multilane (Undivided)	Lane Width = 12 ft
Rural Interstate and Parkways	---
Urban Interstate and Parkways	---

Disclaimer: The following SPFs were developed using five years of crash data. Therefore, the models predict crashes over a five-year period. If a user wishes to predict crashes on an annual basis, they must add a coefficient of 1/5 to the model to avoid overpredicting crashes by a factor of 5.

Rural Two-Lane SPF

Base Conditions

Lane Width	9 ft
Shoulder Width	3 ft
Horizontal Curve	Class A
Grade	Class A
Median	No
Intersection	No



$$SPF = L * e^{-4.492 * AADT^{0.844}}$$

Theta = 1.532

Rural Two-Lane Adjustment Factors

Lane Width AF (Modified from HSM)			
Lane Width (ft)	AADT < 400	AADT 400-2,000	AADT > 2,000
9 or less (base)	1	1	1
10	0.97	1.02+.000175*(AADT-400)/ 1.05+.000281*(AADT-400) Or 0.622776+(1302.8/(AADT+3336.65))	0.87
11	0.96	1.01+.000025*(AADT-400)/ 1.05+.000281*(AADT-400) Or 0.088968+(3261.86/(AADT+3336.65))	0.7
12 or more	0.95	1/(1.05+.000281*(AADT-400)) Or 3558.72/(AADT+3336.65)	0.67

Shoulder Width AF http://www.cmfclearinghouse.org/study_detail.cfm?stid=338		
Shoulder Width	AF	Crash Severity
0	1.145	All
1	1.12	All
2	1.03	All
3	1	All
4	0.975	All
5	0.945	All
6	0.93	All
7	0.905	All
8	0.875	All

Horizontal Curvature AF http://www.cmfclearinghouse.org/study_detail.cfm?stid=481	
$CMF = 196.4 * R^{-0.65}$	
Grade	AF
0-3%	1
3-6%	1.1
> 6%	1.16

Median Installation AF http://www.cmfclearinghouse.org/detail.cfm?facid=24
0.88

Urban Two-Lane SPF

Base Conditions

Intersection

No

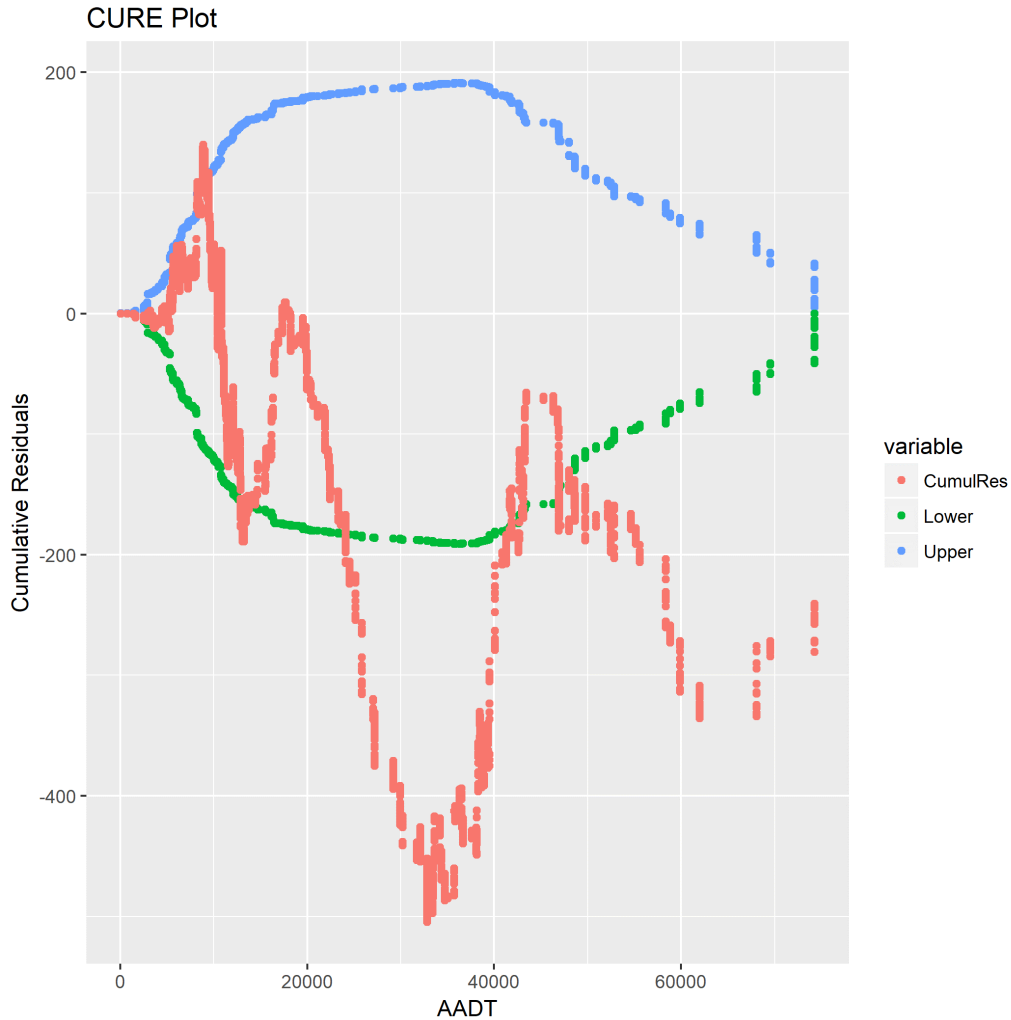


$$\text{SPF} = L * e^{-3.65 * \text{AADT}^{0.78}}$$

Theta = 1.126

Rural Multi-Lane (Divided) SPF and Adjustment Factors

Base Conditions	
Lane Width	> 0.1
Shoulder Width	10
Intersection	No



$$SPF = L * e^{-5.337 * AADT^{0.768}}$$

Theta = 1.951

Adjustment Factors

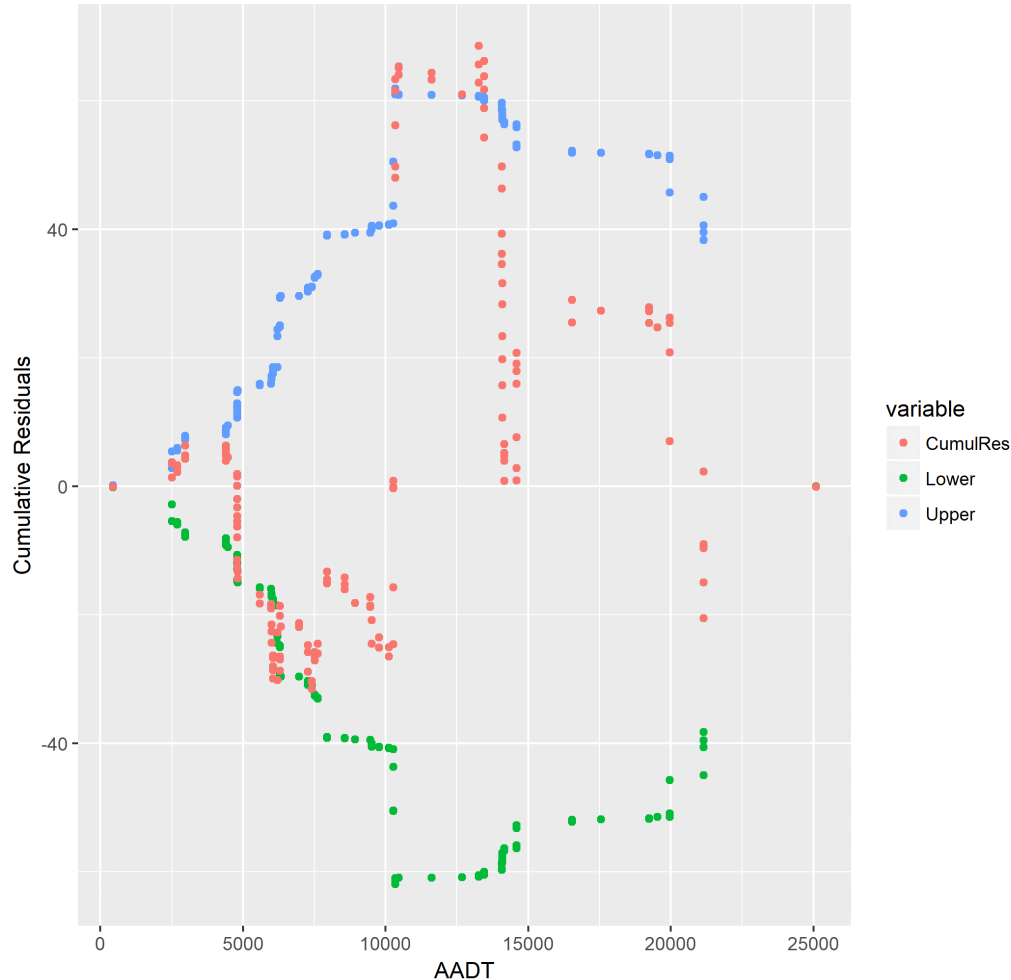
Shoulder Width (Right Shoulder) AF (HSM)	
Average Shoulder Width	AF
0	1.18
2	1.13
4	1.09
6	1.04
8 or more	1.00

Rural Multilane (Undivided) SPF and Adjustment Factors

Base Conditions

Length	Above 0.1
Lane Width	12
Intersection	No

CURE Plot



$$SPF = L * e^{-6.962} * AADT^{1.045}$$

Theta = 0.649

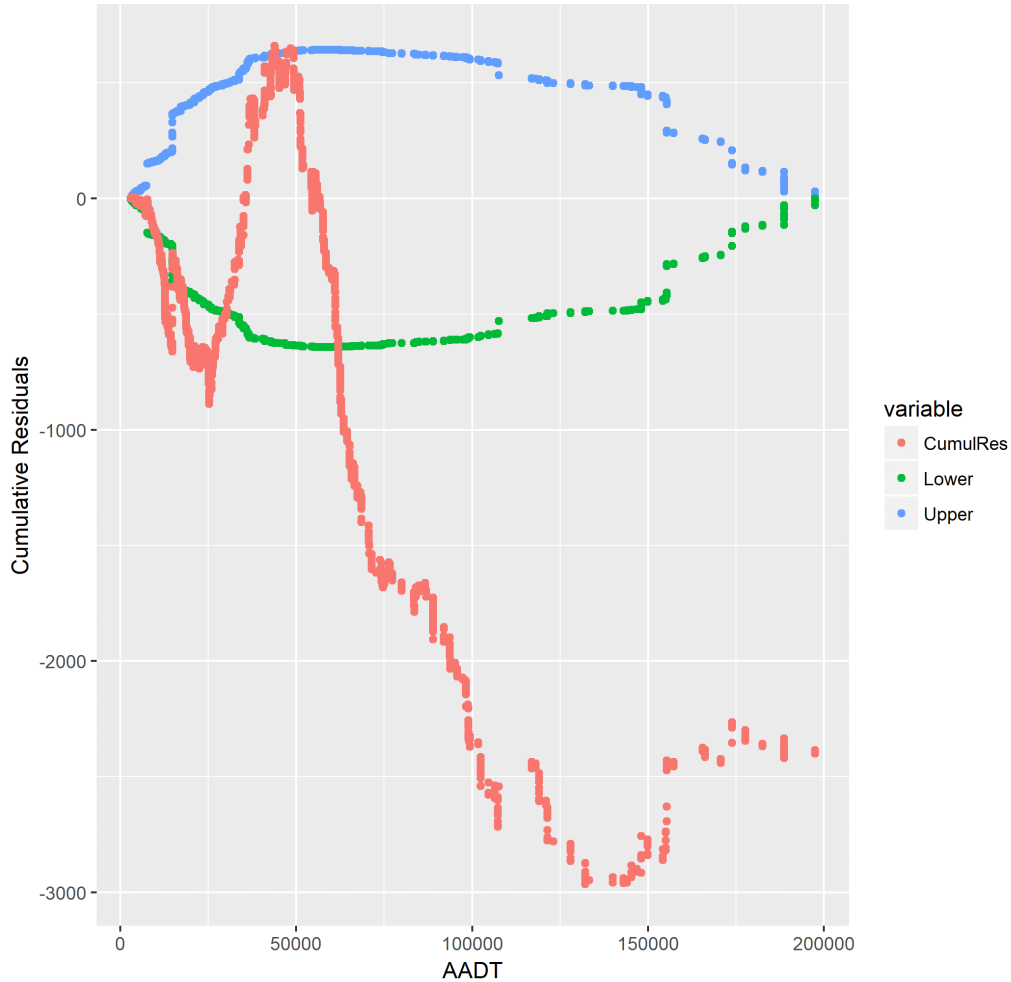
Adjustment Factors

Lane Width AF (HSM)			
Lane Width (ft)	AADT < 400	AADT 400-2,000	AADT > 2,000
9 or less	1.04	1.04 + 2.13*10 ⁻⁴ (AADT-400)	1.38
10	1.02	1.02+1.31*10 ⁻⁴ (AADT-400)	1.23
11	1.01	1.01+1.88*10 ⁻⁵ (AADT-400)	1.04
12	1.00	1.00	1.00

Urban Multilane (Divided) SPF and Adjustment Factors

Base Conditions	
Length	Above 0.1
Media Width	Over 20
Intersection	No

CURE Plot



$$SPF = L * e^{-4.171} * AADT^{0.761}$$

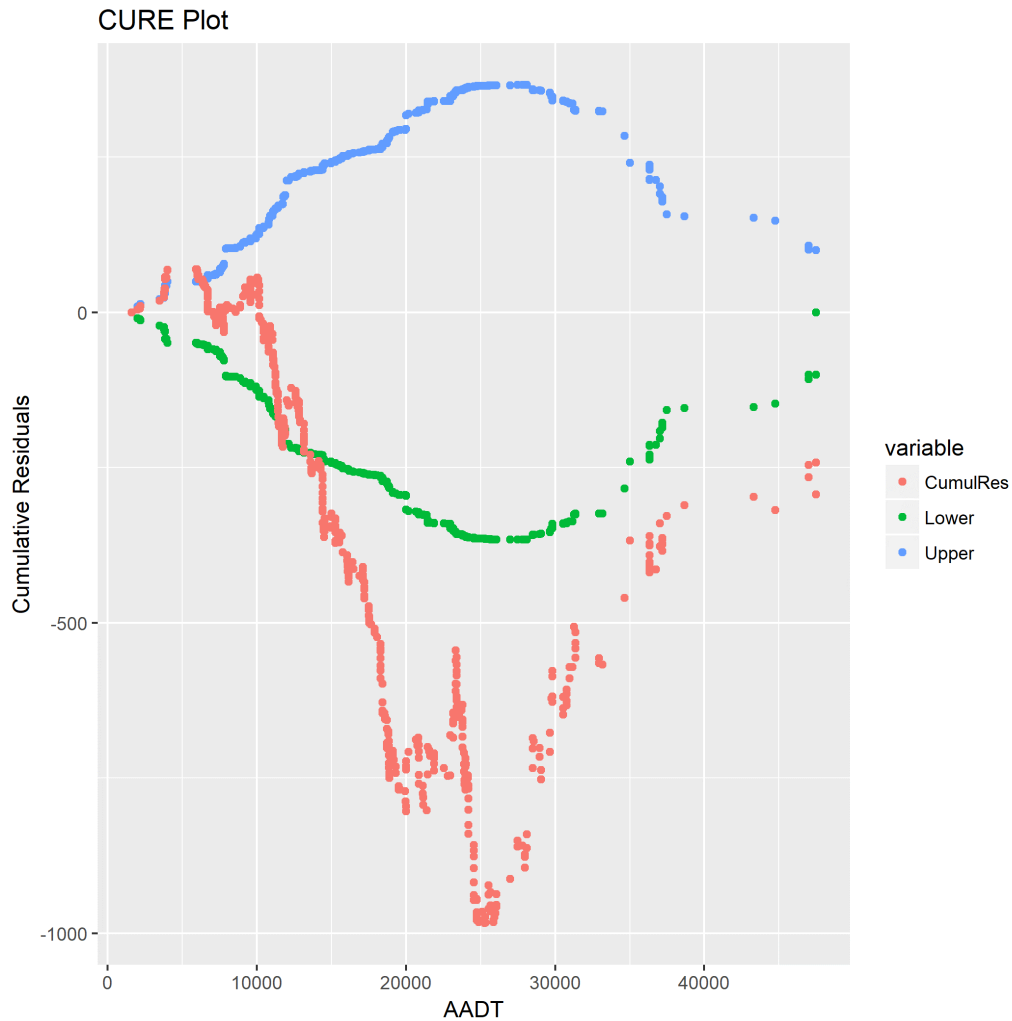
Theta = 0.814

Adjustment Factors

Median Width	
Median Width	AF
>= 20 ft	12
< 20 ft	No

Urban Multilane (Undivided) SPF and Adjustment Factors

Base Conditions	
Lane Width	12
Intersection	No



$$SPF = L * e^{-6.894 * AADT^{1.15}}$$

Theta = 0.882

Adjustment Factors

Lane Width				
Lane Width (ft)	9 or less	10	11	12+
AF	1.12	1.07	1.01	1

Rural Interstate and Parkway SPF and Adjustment Factors

Base Conditions

Length	Above 0.1
Intersection	No



$$\text{SPF} = L * e^{-6.358 * \text{AADT}^{0.869}}$$

Theta = 2.448

Urban Interstate and Parkway SPF and Adjustment Factors

Base Conditions

Length	Above 0.1
Intersection	No



$$\text{SPF} = L * e^{-10.595 * \text{AADT}^{1.305}}$$

Theta = 1.642

Intersection SPFs

$$\text{Crashes} = \text{Intercept} * \text{AADT}_{\text{Major}}^{\text{Alpha1}} * \text{AADT}_{\text{Minor}}^{\text{Alpha 2}}$$

Intersection Type	Theta	Intercept	Alpha 1	Alpha 2
D3rN	0.890	-2.602	0.262	0.012
D3rP	0.916	-4.771	0.283	0.473
D3rS	1.437	-0.319	0.093	0.294
D3rx	0.911	-3.373	0.220	0.136
D3uN	0.779	-0.528	0.174	0.050
D3uP	0.805	-2.513	0.464	-0.056
D3uS	2.012	-3.128	0.562	0.102
D3ux	0.456	-0.916	0.265	-0.021
D4rN	46014.510	-12.647	1.074	0.485
D4rP	1.004	-8.429	0.722	0.429
D4rS	5.458	-1.578	0.329	0.166
D4rx	0.658	-4.063	0.321	0.308
D4uN	1.103	-1.686	0.210	0.204
D4uP	0.940	-3.845	0.525	0.113
D4uS	2.946	-2.976	0.583	0.090
D4ux	0.465	-3.807	0.681	-0.038
U3rF	0.485	-5.952	0.368	0.478
U3rN	0.725	-7.802	0.661	0.380
U3rP	0.956	-9.035	0.841	0.387
U3rS	1.900	-1.996	0.439	0.012
U3rx	0.195	-8.785	0.664	0.556
U3uF	1.624	-2.213	0.324	0.098
U3uN	0.808	-1.928	0.330	-0.016
U3uP	1.019	-6.768	0.886	-0.007
U3uS	2.409	-3.041	0.574	0.066
U3ux	0.293	-2.631	0.230	0.127
U4rF	2.005	-10.834	0.875	0.583
U4rN	1.461	-7.539	0.580	0.466
U4rP	1.163	-8.166	0.729	0.465
U4rS	2.325	-2.582	0.380	0.196
U4rx	0.429	-6.684	0.541	0.429
U4uF	1.626	-1.065	0.271	0.105
U4uN	1.038	-0.690	0.343	-0.114
U4uP	1.139	-3.562	0.573	0.034
U4uS	2.327	-2.142	0.497	0.102
U4ux	0.351	-0.813	0.196	-0.011

Intersection Type Key	
D, U	divided, undivided
3, 4	3-legs, 4 or more legs
r, u	rural, urban
N, P, F, S	no control, partial stop (at least), full stop, signal
x	no data



Tables

Table 1: Statewide Five-Year Comparison

	2016	2017	2018	2019	2020	Previous 4 Year Average	% Change **
All Crashes							
Crashes (all)	165,269	161,671	158,167	156,757	119,448	160,466	-25.6
(K) FATAL	776	738	670	680	708	716	-1.1
(A) Suspected Serious Injury	2,590	2,473	2,332	2,326	2,244	2,430	-7.7
(B) Supected Minor Injury	9,024	9,129	8,958	9,334	8,361	9,111	-8.2
(C) Possible Injury	14,175	13,129	12,301	11,432	9,274	12,759	-27.3
(O) None Detected	133,179	129,695	127,018	125,563	92,874	128,864	-27.9
Other	5,525	6,507	6,888	7,422	5,987	6,586	-9.1
By Ownership							
Public Roads	140,544	136,970	134,281	132,374	100,786	136,042	-25.9
Private Property	9,303	8,760	8,212	8,070	6,370	8,586	-25.8
Parking Lots	15,422	15,941	15,674	16,313	12,292	15,838	-22.4
Crashes with Known Volume	125,038	123,868	123,308	122,018	93,023	123,558	-24.7
Mainline Crashes	123,002	121,319	120,444	119,085	91,068	120,963	-24.7
Ramp Crashes	2,034	2,548	2,855	2,919	1,950	2,589	-24.7
Other Segment Types	2	1	9	14	5	7	-23.1
Vehicle Miles (billions)	42.58	43.13	43.81	43.81	44.03	43	1.6
Mileage	29,196.71	29,304.93	29,735.74	29,735.74	29,875.95	29,493	1.3
AADT	3,995.41	4,032.70	4,036.84	4,036.84	4,037.31	4,025	0.3
Crashes Rate	293.67	287.16	281.43	278.49	211.29	285	-25.9
Fatal Crashes Rate	1.63	1.49	1.38	1.40	1.44	1.48	-2.37
Injury Crashes Rate	51.13	48.79	46.35	45.34	38.68	47.90	-19.25

Not all streets have a known traffic volume, route number, or milepost. Rates are calculated with AADT. Past versions of this report included ramps with their adjacent highway segment's AADT. That may not capture the proper traffic volume for a ramp and was modified, so numbers in this publication may be different.

* Crash rates are given in terms of crashes per 100 million vehicle miles or (C/100 MVM).

** Percent change is the current year compared with the previous four-year average.

**Table 2: Statewide RURAL Crash Rates
by Highway Type (5-Year Average)**

Highway Type	Total Mileage*	AADT	Crashes per 100 MVM		
			All	Injury	Fatal
One-Lane	23	908	265	34	2.6
Two-Lane	22,727	1,308	172	42	2.2
Three-Lane	30	6,804	163	34	1.1
Four-Lane Divided (non-interstate or parkway)	594	9,662	78	18	1.2
Four-Lane Undivided	39	11,773	176	34	1.1
Parkway	791	28,611	49	8	0.4
Interstate	536	8,970	51	9	0.8
All	25,190	2,531	111	25	1.4

**Table 3: Statewide URBAN Crash Rates
by Highway Type (5-Year Average)**

Highway Type	Total Mileage*	AADT	Crashes per 100 MVM		
			All	Injury	Fatal
One-Lane	25	4,300	659	80	-
Two-Lane	2,748	5,365	410	70	1.2
Three-Lane	53	10,078	646	94	1.1
"Four-Lane Divided (non-interstate or parkway)"	590	19,272	300	54	1.2
Four-Lane Undivided	399	17,412	514	88	1.5
Interstate	417	46,170	108	16	0.4
Parkway	43	9,227	95	17	1.0
All	4,379	12,637	304	51	0.9

* Average for the five years.

MVM = Million Vehicle Miles Traveled.

**Table 4: Comparison of Crash Rate to Previous 4 Years
by Rural and Urban Highway Type**

	Highway Type	2016	2017	2018	2019	2020	Previous 4-Year Average	% Change *
Rural	One-Lane	477	252	305	369	281	351	-19.89
	Two-Lane	228	218	212	206	189	216	-12.50
	Three-Lane	227	228	215	173	164	211	-22.18
	Four-Lane Divided (non-interstate or parkway)	99	94	94	97	81	96	-15.63
	Four-Lane Undivided	209	217	221	228	198	219	-9.49
	Parkway	58	59	66	61	54	61	-11.48
	Interstate	70	64	69	60	53	66	-19.39
	All	145	138	139	133	121	139	-12.79
Urban	One-Lane	933	657	717	803	535	778	-31.19
	Two-Lane	533	521	496	489	363	510	-28.79
	Three-Lane	834	739	773	773	517	780	-33.70
	Four-Lane Divided (non-interstate or parkway)	381	373	376	369	260	375	-30.62
	Four-Lane Undivided	672	664	626	629	431	648	-33.46
	Parkway	134	133	135	134	82	134	-38.81
	Interstate	121	118	154	122	127	129	-1.36
	All	375	367	358	355	248	364	-31.82

* Percent Change compares current year with previous four year average.

**Table 5: Crash Rates by County
for Identified System and All Roads**

County	Identified Number	Identified Rate	All Roads Total Number	All Roads Total Rate	Fatal Number	Fatal Rate	Fatal or Injury Number	Fatal or Injury Rate
ADAIR	1,009	115	1,240	115	16	1.5	250	23
ALLEN	1,665	228	2,204	249	28	3.2	399	45
ANDERSON	1,563	152	2,369	199	17	1.4	452	38
BALLARD	674	175	787	170	15	3.2	169	37
BARREN	4,796	192	6,710	231	41	1.4	1,311	45
BATH	775	91	1,093	119	10	1.1	227	25
BELL	2,086	187	2,934	222	22	1.7	643	49
BOONE	16,082	214	24,468	311	63	0.8	3,658	46
BOURBON	2,151	250	2,995	309	31	3.2	495	51
BOYD	4,761	259	6,955	324	21	1.0	1,138	53
BOYLE	2,799	243	3,896	292	17	1.3	618	46
BRACKEN	697	167	920	195	6	1.3	175	37
BREATHITT	883	161	1,114	164	27	4.0	396	58
BRECKINRIDGE	975	142	1,252	148	19	2.2	383	45
BULLITT	7,182	160	9,960	203	56	1.1	1,953	40
BUTLER	918	124	1,237	147	16	1.9	275	33
CALDWELL	1,253	150	1,721	183	9	1.0	331	35
CALLOWAY	3,715	300	4,976	306	25	1.5	767	47
CAMPBELL	8,576	229	14,994	382	50	1.3	1,726	44
CARLISLE	255	112	287	106	9	3.3	132	49
CARROLL	1,290	95	1,905	128	15	1.0	316	21
CARTER	2,212	127	2,905	148	21	1.1	531	27
CASEY	796	144	953	129	10	1.4	222	30
CHRISTIAN	5,934	135	9,363	190	57	1.2	2,032	41
CLARK	3,828	180	5,735	255	34	1.5	899	40
CLAY	1,266	150	1,606	161	23	2.3	587	59
CLINTON	837	202	1,018	195	13	2.5	203	39
CRITTENDEN	575	194	819	203	13	3.2	241	60
CUMBERLAND	432	152	548	151	9	2.5	110	30
DAVIESS	11,930	344	17,598	425	55	1.3	2,762	67
EDMONSON	610	110	828	126	11	1.7	211	32
ELLIOTT	236	156	290	129	9	4.0	84	37
ESTILL	813	187	950	173	10	1.8	219	40
FAYETTE	43,007	321	66,298	453	161	1.1	10,688	73
FLEMING	926	161	1,139	163	9	1.3	215	31
FLOYD	2,486	131	3,568	162	45	2.0	1,027	47
FRANKLIN	4,735	183	7,375	265	27	1.0	1,012	36
FULTON	365	122	506	144	9	2.6	93	27
GALLATIN	920	68	1,351	96	17	1.2	219	16
GARRARD	1,424	191	1,870	244	11	1.4	412	54

Table 5 Continued.

County	Identified Number	Identified Rate	All Roads Total Number	All Roads Total Rate	Fatal Number	Fatal Rate	Fatal or Injury Number	Fatal or Injury Rate
GRANT	2,831	116	4,065	158	21	0.8	662	26
GRAVES	3,267	181	4,690	222	44	2.1	1,007	48
GRAYSON	2,511	178	3,134	188	42	2.5	777	47
GREEN	653	188	824	185	9	2.0	179	40
GREENUP	2,125	164	3,047	188	17	1.0	579	36
HANCOCK	448	112	648	144	8	1.8	131	29
HARDIN	8,786	142	14,332	204	74	1.1	2,410	34
HARLAN	1,602	154	2,085	176	24	2.0	543	46
HARRISON	1,738	299	2,406	336	10	1.4	414	58
HART	2,025	99	2,817	128	29	1.3	528	24
HENDERSON	4,984	221	7,559	298	30	1.2	1,345	53
HENRY	1,509	109	1,952	133	17	1.2	334	23
HICKMAN	289	113	342	117	4	1.4	85	29
HOPKINS	4,545	181	6,530	228	33	1.2	974	34
JACKSON	734	193	898	177	21	4.1	236	47
JEFFERSON	97,710	296	142,472	397	479	1.3	25,254	70
JESSAMINE	5,342	327	7,817	401	29	1.5	1,315	67
JOHNSON	1,575	173	2,016	195	16	1.5	500	48
KENTON	18,717	260	28,894	382	53	0.7	3,580	47
KNOTT	824	128	1,040	138	12	1.6	326	43
KNOX	1,949	151	3,042	198	26	1.7	794	52
LARUE	1,247	144	1,561	155	17	1.7	303	30
LAUREL	6,236	154	9,188	204	66	1.5	1,898	42
LAWRENCE	683	89	1,028	117	23	2.6	277	31
LEE	231	111	330	111	4	1.3	72	24
LESLIE	281	61	324	59	11	2.0	116	21
LETCHER	1,314	156	1,599	156	28	2.7	563	55
LEWIS	607	109	779	116	28	4.2	209	31
LINCOLN	1,396	140	1,914	165	23	2.0	433	37
LIVINGSTON	657	102	850	118	6	0.8	214	30
LOGAN	2,031	159	2,935	191	20	1.3	577	37
LYON	766	56	1,306	91	13	0.9	270	19
MCCRACKEN	8,748	245	12,100	303	56	1.4	2,602	65
MCCREARY	884	152	1,097	140	22	2.8	313	40
MCLEAN	992	237	1,141	228	9	1.8	299	60
MADISON	8,397	171	12,653	236	48	0.9	1,949	36
MAGOFFIN	657	130	770	123	18	2.9	264	42
MARION	1,904	269	2,240	264	24	2.8	442	52
MARSHALL	2,809	123	4,017	163	34	1.4	978	40
MARTIN	513	139	625	138	7	1.5	151	33

Table 5 Continued.

County	Identified Number	Identified Rate	All Roads Total Number	All Roads Total Rate	Fatal Number	Fatal Rate	Fatal or Injury Number	Fatal or Injury Rate
MASON	1,986	225	2,784	287	16	1.6	418	43
MEADE	1,505	147	2,222	177	36	2.9	654	52
MENIFEE	358	181	425	170	11	4.4	117	47
MERCER	1,468	166	2,111	209	22	2.2	385	38
METCALFE	960	194	1,301	215	9	1.5	274	45
MONROE	625	165	784	146	6	1.1	178	33
MONTGOMERY	2,595	194	3,902	271	25	1.7	762	53
MORGAN	771	157	890	143	10	1.6	255	41
MUHLENBERG	3,029	212	3,999	230	33	1.9	852	49
NELSON	4,307	192	5,514	217	50	2.0	987	39
NICHOLAS	536	234	704	246	13	4.5	114	40
OHIO	2,328	157	3,255	186	31	1.8	726	41
OLDHAM	4,331	181	5,815	209	28	1.0	922	33
OWEN	873	232	1,024	234	17	3.9	228	52
OWSLEY	202	154	248	133	6	3.2	67	36
PENDLETON	1,172	265	1,557	283	14	2.5	365	66
PERRY	2,337	184	3,363	209	46	2.9	944	59
PIKE	4,403	158	6,315	192	71	2.2	1,747	53
POWELL	982	128	1,299	161	21	2.6	304	38
PULASKI	5,615	195	8,685	246	61	1.7	1,461	41
ROBERTSON	176	286	209	282	0	0.0	37	50
ROCKCASTLE	1,914	81	2,662	110	24	1.0	474	20
ROWAN	2,761	197	3,645	235	22	1.4	597	38
RUSSELL	1,284	169	1,665	166	19	1.9	291	29
SCOTT	4,891	134	8,012	207	36	0.9	1,397	36
SHELBY	4,998	151	6,662	190	32	0.9	1,305	37
SIMPSON	2,170	119	2,932	151	19	1.0	594	31
SPENCER	1,116	189	1,350	192	13	1.8	324	46
TAYLOR	2,716	287	3,499	309	25	2.2	508	45
TODD	857	164	1,096	168	15	2.3	235	36
TRIGG	1,185	109	1,691	128	20	1.5	338	26
TRIMBLE	682	201	792	202	12	3.1	179	46
UNION	1,145	203	1,417	210	18	2.7	343	51
WARREN	16,556	240	23,278	303	84	1.1	4,130	54
WASHINGTON	1,050	147	1,281	162	19	2.4	286	36
WAYNE	1,324	182	1,687	179	18	1.9	395	42
WEBSTER	941	137	1,151	145	9	1.1	288	36
WHITLEY	3,735	138	4,966	165	45	1.5	1,253	42
WOLFE	545	118	673	128	20	3.8	153	29
WOODFORD	2,877	148	4,300	215	31	1.6	667	33
TOTAL	445,260	205	644,969	264	3519	1.4	117,038	48

Table 6: County Population (*2019 Census Estimate)

County	Population	County	Population	County	Population
Jefferson	767,452	Grayson	26,480	Lewis	13,262
Fayette	324,735	Taylor	25,707	Morgan	13,142
Kenton	167,949	Harlan	25,566	Webster	12,923
Boone	135,396	Bell	25,482	Butler	12,703
Warren	134,510	Perry	25,456	Caldwell	12,687
Hardin	111,309	Grant	25,387	Breathitt	12,550
Daviess	101,978	Rowan	24,682	Bath	12,481
Madison	94,265	Lincoln	24,466	Todd	12,448
Campbell	94,020	Ohio	23,899	Edmonson	12,235
Bullitt	82,182	Anderson	22,833	Powell	12,218
Christian	71,478	Johnson	22,002	Washington	12,147
Oldham	66,999	Mercer	21,889	Magoffin	12,017
McCracken	65,644	Allen	21,303	Martin	11,031
Pulaski	65,530	Letcher	21,213	Owen	11,017
Laurel	61,238	Breckinridge	20,537	Green	10,995
Scott	58,470	Wayne	20,209	Carroll	10,730
Pike	57,057	Bourbon	19,901	Monroe	10,549
Jessamine	54,057	Clay	19,631	Clinton	10,110
Franklin	51,118	Spencer	19,585	Metcalfe	10,058
Shelby	49,611	Adair	19,555	Leslie	9,637
Boyd	46,516	Marion	19,314	McLean	9,075
Nelson	46,450	Hart	19,013	Livingston	9,041
Henderson	44,740	Harrison	18,920	Crittenden	8,847
Hopkins	44,662	Simpson	18,635	Gallatin	8,779
Barren	44,300	Russell	17,998	Hancock	8,742
Calloway	39,300	Garrard	17,719	Trimble	8,481
Graves	36,818	McCreary	17,071	Bracken	8,286
Clark	36,463	Mason	17,035	Lyon	8,133
Whitley	36,451	Rockcastle	16,750	Ballard	7,769
Floyd	34,974	Henry	16,067	Elliott	7,372
Greenup	34,865	Casey	16,066	Lee	7,268
Marshall	31,163	Lawrence	15,436	Nicholas	7,234
Knox	31,022	Trigg	14,776	Wolfe	7,106
Muhlenberg	30,457	Fleming	14,603	Cumberland	6,523
Boyle	30,367	Pendleton	14,586	Menifee	6,502
Meade	28,616	Knott	14,512	Fulton	5,952
Montgomery	28,186	Union	14,443	Carlisle	4,692
Logan	27,416	Larue	14,431	Hickman	4,364
Woodford	26,765	Estill	14,109	Owsley	4,331
Carter	26,542	Jackson	13,340	Robertson	2,136
				Total	4,477,251

* <https://www.census.gov/programs-surveys/popest/data/tables.html>

Table 7: Crash Rates by County and Population Category
Crashes on All Public Roads

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Jefferson	767,452	Over 50,000	142,472	397
Fayette	324,735	Over 50,000	66,298	453
Kenton	167,949	Over 50,000	28,894	382
Boone	135,396	Over 50,000	24,468	311
Warren	134,510	Over 50,000	23,278	303
Hardin	111,309	Over 50,000	14,332	204
Daviess	101,978	Over 50,000	17,598	425
Madison	94,265	Over 50,000	12,653	236
Campbell	94,020	Over 50,000	14,994	382
Bullitt	82,182	Over 50,000	9,960	203
Christian	71,478	Over 50,000	9,363	190
Oldham	66,999	Over 50,000	5,815	209
McCracken	65,644	Over 50,000	12,100	303
Pulaski	65,530	Over 50,000	8,685	246
Laurel	61,238	Over 50,000	9,188	204
Scott	58,470	Over 50,000	8,012	207
Pike	57,057	Over 50,000	6,315	192
Jessamine	54,057	Over 50,000	7,817	401
Franklin	51,118	Over 50,000	7,375	265
Shelby	49,611	25,000-50,000	6,662	190
Boyd	46,516	25,000-50,000	6,955	324
Nelson	46,450	25,000-50,000	5,514	217
Henderson	44,740	25,000-50,000	7,559	298
Hopkins	44,662	25,000-50,000	6,530	228
Barren	44,300	25,000-50,000	6,710	231
Calloway	39,300	25,000-50,000	4,976	306
Graves	36,818	25,000-50,000	4,690	222
Clark	36,463	25,000-50,000	5,735	255
Whitley	36,451	25,000-50,000	4,966	165
Floyd	34,974	25,000-50,000	3,568	162
Greenup	34,865	25,000-50,000	3,047	188
Marshall	31,163	25,000-50,000	4,017	163
Knox	31,022	25,000-50,000	3,042	198
Muhlenberg	30,457	25,000-50,000	3,999	230
Boyle	30,367	25,000-50,000	3,896	292
Meade	28,616	25,000-50,000	2,222	177
Montgomery	28,186	25,000-50,000	3,902	271
Logan	27,416	25,000-50,000	2,935	191
Woodford	26,765	25,000-50,000	4,300	215
Carter	26,542	25,000-50,000	2,905	148

Table 7 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Grayson	26,480	25,000-50,000	3,134	188
Taylor	25,707	25,000-50,000	3,499	309
Harlan	25,566	25,000-50,000	2,085	176
Bell	25,482	25,000-50,000	2,934	222
Perry	25,456	25,000-50,000	3,363	209
Grant	25,387	25,000-50,000	4,065	158
Rowan	24,682	15,000-24,999	3,645	235
Lincoln	24,466	15,000-24,999	1,914	165
Ohio	23,899	15,000-24,999	3,255	186
Anderson	22,833	15,000-24,999	2,369	199
Johnson	22,002	15,000-24,999	2,016	195
Mercer	21,889	15,000-24,999	2,111	209
Allen	21,303	15,000-24,999	2,204	249
Letcher	21,213	15,000-24,999	1,599	156
Breckinridge	20,537	15,000-24,999	1,252	148
Wayne	20,209	15,000-24,999	1,687	179
Bourbon	19,901	15,000-24,999	2,995	309
Clay	19,631	15,000-24,999	1,606	161
Spencer	19,585	15,000-24,999	1,350	192
Adair	19,555	15,000-24,999	1,240	115
Marion	19,314	15,000-24,999	2,240	264
Hart	19,013	15,000-24,999	2,817	128
Harrison	18,920	15,000-24,999	2,406	336
Simpson	18,635	15,000-24,999	2,932	151
Russell	17,998	15,000-24,999	1,665	166
Garrard	17,719	15,000-24,999	1,870	244
McCreary	17,071	15,000-24,999	1,097	140
Mason	17,035	15,000-24,999	2,784	287
Rockcastle	16,750	15,000-24,999	2,662	110
Henry	16,067	15,000-24,999	1,952	133
Casey	16,066	15,000-24,999	953	129
Lawrence	15,436	15,000-24,999	1,028	117
Trigg	14,776	10,000-14,999	1,691	128
Fleming	14,603	10,000-14,999	1,139	163
Pendleton	14,586	10,000-14,999	1,557	283
Knott	14,512	10,000-14,999	1,040	138
Union	14,443	10,000-14,999	1,417	210
Larue	14,431	10,000-14,999	1,561	155
Estill	14,109	10,000-14,999	950	173
Jackson	13,340	10,000-14,999	898	177

Table 7 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Lewis	13,262	10,000-14,999	779	116
Morgan	13,142	10,000-14,999	890	143
Webster	12,923	10,000-14,999	1,151	145
Butler	12,703	10,000-14,999	1,237	147
Caldwell	12,687	10,000-14,999	1,721	183
Breathitt	12,550	10,000-14,999	1,114	164
Bath	12,481	10,000-14,999	1,093	119
Todd	12,448	10,000-14,999	1,096	168
Edmonson	12,235	10,000-14,999	828	126
Powell	12,218	10,000-14,999	1,299	161
Washington	12,147	10,000-14,999	1,281	162
Magoffin	12,017	10,000-14,999	770	123
Martin	11,031	10,000-14,999	625	138
Owen	11,017	10,000-14,999	1,024	234
Green	10,995	10,000-14,999	824	185
Carroll	10,730	10,000-14,999	1,905	128
Monroe	10,549	10,000-14,999	784	146
Clinton	10,110	10,000-14,999	1,018	195
Metcalfe	10,058	10,000-14,999	1,301	215
Leslie	9,637	Under 10,000	324	59
McLean	9,075	Under 10,000	1,141	228
Livingston	9,041	Under 10,000	850	118
Crittenden	8,847	Under 10,000	819	203
Gallatin	8,779	Under 10,000	1,351	96
Hancock	8,742	Under 10,000	648	144
Trimble	8,481	Under 10,000	792	202
Bracken	8,286	Under 10,000	920	195
Lyon	8,133	Under 10,000	1,306	91
Ballard	7,769	Under 10,000	787	170
Elliott	7,372	Under 10,000	290	129
Lee	7,268	Under 10,000	330	111
Nicholas	7,234	Under 10,000	704	246
Wolfe	7,106	Under 10,000	673	128
Cumberland	6,523	Under 10,000	548	151
Menifee	6,502	Under 10,000	425	170
Fulton	5,952	Under 10,000	506	144
Carlisle	4,692	Under 10,000	287	106
Hickman	4,364	Under 10,000	342	117
Owsley	4,331	Under 10,000	248	133
Robertson	2,136	Under 10,000	209	282

Table 8: Crash Rates by County And Population Category
Crashes on Roads with Known Traffic Volume

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Jefferson	767,452	Over 50,000	97,710	296
Fayette	324,735	Over 50,000	43,007	321
Kenton	167,949	Over 50,000	18,717	260
Boone	135,396	Over 50,000	16,082	214
Warren	134,510	Over 50,000	16,556	240
Hardin	111,309	Over 50,000	8,786	142
Daviess	101,978	Over 50,000	11,930	344
Madison	94,265	Over 50,000	8,397	171
Campbell	94,020	Over 50,000	8,576	229
Bullitt	82,182	Over 50,000	7,182	160
Christian	71,478	Over 50,000	5,934	135
Oldham	66,999	Over 50,000	4,331	181
McCracken	65,644	Over 50,000	8,748	245
Pulaski	65,530	Over 50,000	5,615	195
Laurel	61,238	Over 50,000	6,236	154
Scott	58,470	Over 50,000	4,891	134
Pike	57,057	Over 50,000	4,403	158
Jessamine	54,057	Over 50,000	5,342	327
Franklin	51,118	Over 50,000	4,735	183
Shelby	49,611	25,000-50,000	4,998	151
Boyd	46,516	25,000-50,000	4,761	259
Nelson	46,450	25,000-50,000	4,307	192
Henderson	44,740	25,000-50,000	4,984	221
Hopkins	44,662	25,000-50,000	4,545	181
Barren	44,300	25,000-50,000	4,796	192
Calloway	39,300	25,000-50,000	3,715	300
Graves	36,818	25,000-50,000	3,267	181
Clark	36,463	25,000-50,000	3,828	180
Whitley	36,451	25,000-50,000	3,735	138
Floyd	34,974	25,000-50,000	2,486	131
Greenup	34,865	25,000-50,000	2,125	164
Marshall	31,163	25,000-50,000	2,809	123
Knox	31,022	25,000-50,000	1,949	151
Muhlenberg	30,457	25,000-50,000	3,029	212
Boyle	30,367	25,000-50,000	2,799	243
Meade	28,616	25,000-50,000	1,505	147
Montgomery	28,186	25,000-50,000	2,595	194
Logan	27,416	25,000-50,000	2,031	159
Woodford	26,765	25,000-50,000	2,877	148
Carter	26,542	25,000-50,000	2,212	127

Table 8 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Grayson	26,480	25,000-50,000	2,511	178
Taylor	25,707	25,000-50,000	2,716	287
Harlan	25,566	25,000-50,000	1,602	154
Bell	25,482	25,000-50,000	2,086	187
Perry	25,456	25,000-50,000	2,337	184
Grant	25,387	25,000-50,000	2,831	116
Rowan	24,682	15,000-24,999	2,761	197
Lincoln	24,466	15,000-24,999	1,396	140
Ohio	23,899	15,000-24,999	2,328	157
Anderson	22,833	15,000-24,999	1,563	152
Johnson	22,002	15,000-24,999	1,575	173
Mercer	21,889	15,000-24,999	1,468	166
Allen	21,303	15,000-24,999	1,665	228
Letcher	21,213	15,000-24,999	1,314	156
Breckinridge	20,537	15,000-24,999	975	142
Wayne	20,209	15,000-24,999	1,324	182
Bourbon	19,901	15,000-24,999	2,151	250
Clay	19,631	15,000-24,999	1,266	150
Spencer	19,585	15,000-24,999	1,116	189
Adair	19,555	15,000-24,999	1,009	115
Marion	19,314	15,000-24,999	1,904	269
Hart	19,013	15,000-24,999	2,025	99
Harrison	18,920	15,000-24,999	1,738	299
Simpson	18,635	15,000-24,999	2,170	119
Russell	17,998	15,000-24,999	1,284	169
Garrard	17,719	15,000-24,999	1,424	191
McCreary	17,071	15,000-24,999	884	152
Mason	17,035	15,000-24,999	1,986	225
Rockcastle	16,750	15,000-24,999	1,914	81
Henry	16,067	15,000-24,999	1,509	109
Casey	16,066	15,000-24,999	796	144
Lawrence	15,436	15,000-24,999	683	89
Trigg	14,776	10,000-14,999	1,185	109
Fleming	14,603	10,000-14,999	926	161
Pendleton	14,586	10,000-14,999	1,172	265
Knott	14,512	10,000-14,999	824	128
Union	14,443	10,000-14,999	1,145	203
Larue	14,431	10,000-14,999	1,247	144
Estill	14,109	10,000-14,999	813	187
Jackson	13,340	10,000-14,999	734	193

Table 8 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Lewis	13,262	10,000-14,999	607	109
Morgan	13,142	10,000-14,999	771	157
Webster	12,923	10,000-14,999	941	137
Butler	12,703	10,000-14,999	918	124
Caldwell	12,687	10,000-14,999	1,253	150
Breathitt	12,550	10,000-14,999	883	161
Bath	12,481	10,000-14,999	775	91
Todd	12,448	10,000-14,999	857	164
Edmonson	12,235	10,000-14,999	610	110
Powell	12,218	10,000-14,999	982	128
Washington	12,147	10,000-14,999	1,050	147
Magoffin	12,017	10,000-14,999	657	130
Martin	11,031	10,000-14,999	513	139
Owen	11,017	10,000-14,999	873	232
Green	10,995	10,000-14,999	653	188
Carroll	10,730	10,000-14,999	1,290	95
Monroe	10,549	10,000-14,999	625	165
Clinton	10,110	10,000-14,999	837	202
Metcalfe	10,058	10,000-14,999	960	194
Leslie	9,637	Under 10,000	281	61
McLean	9,075	Under 10,000	992	237
Livingston	9,041	Under 10,000	657	102
Crittenden	8,847	Under 10,000	575	194
Gallatin	8,779	Under 10,000	920	68
Hancock	8,742	Under 10,000	448	112
Trimble	8,481	Under 10,000	682	201
Bracken	8,286	Under 10,000	697	167
Lyon	8,133	Under 10,000	766	56
Ballard	7,769	Under 10,000	674	175
Elliott	7,372	Under 10,000	236	156
Lee	7,268	Under 10,000	231	111
Nicholas	7,234	Under 10,000	536	234
Wolfe	7,106	Under 10,000	545	118
Cumberland	6,523	Under 10,000	432	152
Menifee	6,502	Under 10,000	358	181
Fulton	5,952	Under 10,000	365	122
Carlisle	4,692	Under 10,000	255	112
Hickman	4,364	Under 10,000	289	113
Owsley	4,331	Under 10,000	202	154
Robertson	2,136	Under 10,000	176	286

**Table 9: Injury or Fatal Crash Rates
by County And Population Category (5-Year, All Roads)**

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Jefferson	767,452	Over 50,000	25,254	70.4
Fayette	324,735	Over 50,000	10,688	73.0
Kenton	167,949	Over 50,000	3,580	47.4
Boone	135,396	Over 50,000	3,658	46.4
Warren	134,510	Over 50,000	4,130	53.7
Hardin	111,309	Over 50,000	2,410	34.3
Daviess	101,978	Over 50,000	2,762	66.7
Madison	94,265	Over 50,000	1,949	36.4
Campbell	94,020	Over 50,000	1,726	43.9
Bullitt	82,182	Over 50,000	1,953	39.7
Christian	71,478	Over 50,000	2,032	41.2
Oldham	66,999	Over 50,000	922	33.1
McCracken	65,644	Over 50,000	2,602	65.1
Pulaski	65,530	Over 50,000	1,461	41.4
Laurel	61,238	Over 50,000	1,898	42.1
Scott	58,470	Over 50,000	1,397	36.0
Pike	57,057	Over 50,000	1,747	53.2
Jessamine	54,057	Over 50,000	1,315	67.5
Franklin	51,118	Over 50,000	1,012	36.3
Shelby	49,611	25,000-50,000	1,305	37.2
Boyd	46,516	25,000-50,000	1,138	53.0
Nelson	46,450	25,000-50,000	987	38.8
Henderson	44,740	25,000-50,000	1,345	53.1
Hopkins	44,662	25,000-50,000	974	34.0
Barren	44,300	25,000-50,000	1,311	45.1
Calloway	39,300	25,000-50,000	767	47.2
Graves	36,818	25,000-50,000	1,007	47.7
Clark	36,463	25,000-50,000	899	40.0
Whitley	36,451	25,000-50,000	1,253	41.6
Floyd	34,974	25,000-50,000	1,027	46.7
Greenup	34,865	25,000-50,000	579	35.7
Marshall	31,163	25,000-50,000	978	39.6
Knox	31,022	25,000-50,000	794	51.7
Muhlenberg	30,457	25,000-50,000	852	49.0
Boyle	30,367	25,000-50,000	618	46.2
Meade	28,616	25,000-50,000	654	52.2
Montgomery	28,186	25,000-50,000	762	53.0
Logan	27,416	25,000-50,000	577	37.5
Woodford	26,765	25,000-50,000	667	33.4
Carter	26,542	25,000-50,000	531	27.1

Table 9 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Grayson	26,480	25,000-50,000	777	46.6
Taylor	25,707	25,000-50,000	508	44.9
Harlan	25,566	25,000-50,000	543	45.9
Bell	25,482	25,000-50,000	643	48.6
Perry	25,456	25,000-50,000	944	58.6
Grant	25,387	25,000-50,000	662	25.7
Rowan	24,682	15,000-24,999	597	38.5
Lincoln	24,466	15,000-24,999	433	37.3
Ohio	23,899	15,000-24,999	726	41.4
Anderson	22,833	15,000-24,999	452	38.0
Johnson	22,002	15,000-24,999	500	48.4
Mercer	21,889	15,000-24,999	385	38.1
Allen	21,303	15,000-24,999	399	45.2
Letcher	21,213	15,000-24,999	563	54.8
Breckinridge	20,537	15,000-24,999	383	45.3
Wayne	20,209	15,000-24,999	395	42.0
Bourbon	19,901	15,000-24,999	495	51.0
Clay	19,631	15,000-24,999	587	58.7
Spencer	19,585	15,000-24,999	324	46.0
Adair	19,555	15,000-24,999	250	23.2
Marion	19,314	15,000-24,999	442	52.0
Hart	19,013	15,000-24,999	528	24.0
Harrison	18,920	15,000-24,999	414	57.8
Simpson	18,635	15,000-24,999	594	30.6
Russell	17,998	15,000-24,999	291	29.0
Garrard	17,719	15,000-24,999	412	53.8
McCreary	17,071	15,000-24,999	313	39.9
Mason	17,035	15,000-24,999	418	43.1
Rockcastle	16,750	15,000-24,999	474	19.5
Henry	16,067	15,000-24,999	334	22.8
Casey	16,066	15,000-24,999	222	30.1
Lawrence	15,436	15,000-24,999	277	31.5
Trigg	14,776	10,000-14,999	338	25.5
Fleming	14,603	10,000-14,999	215	30.9
Pendleton	14,586	10,000-14,999	365	66.4
Knott	14,512	10,000-14,999	326	43.2
Union	14,443	10,000-14,999	343	50.9
Larue	14,431	10,000-14,999	303	30.1
Estill	14,109	10,000-14,999	219	39.9
Jackson	13,340	10,000-14,999	236	46.6

Table 9 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Lewis	13,262	10,000-14,999	209	31.1
Morgan	13,142	10,000-14,999	255	41.0
Webster	12,923	10,000-14,999	288	36.3
Butler	12,703	10,000-14,999	275	32.8
Caldwell	12,687	10,000-14,999	331	35.3
Breathitt	12,550	10,000-14,999	396	58.5
Bath	12,481	10,000-14,999	227	24.8
Todd	12,448	10,000-14,999	235	36.1
Edmonson	12,235	10,000-14,999	211	32.1
Powell	12,218	10,000-14,999	304	37.7
Washington	12,147	10,000-14,999	286	36.3
Magoffin	12,017	10,000-14,999	264	42.0
Martin	11,031	10,000-14,999	151	33.2
Owen	11,017	10,000-14,999	228	52.1
Green	10,995	10,000-14,999	179	40.2
Carroll	10,730	10,000-14,999	316	21.3
Monroe	10,549	10,000-14,999	178	33.2
Clinton	10,110	10,000-14,999	203	39.0
Metcalfe	10,058	10,000-14,999	274	45.3
Leslie	9,637	Under 10,000	116	21.2
McLean	9,075	Under 10,000	299	59.8
Livingston	9,041	Under 10,000	214	29.7
Crittenden	8,847	Under 10,000	241	59.6
Gallatin	8,779	Under 10,000	219	15.5
Hancock	8,742	Under 10,000	131	29.1
Trimble	8,481	Under 10,000	179	45.6
Bracken	8,286	Under 10,000	175	37.1
Lyon	8,133	Under 10,000	270	18.9
Ballard	7,769	Under 10,000	169	36.5
Elliott	7,372	Under 10,000	84	37.4
Lee	7,268	Under 10,000	72	24.2
Nicholas	7,234	Under 10,000	114	39.8
Wolfe	7,106	Under 10,000	153	29.1
Cumberland	6,523	Under 10,000	110	30.3
Menifee	6,502	Under 10,000	117	46.9
Fulton	5,952	Under 10,000	93	26.5
Carlisle	4,692	Under 10,000	132	48.9
Hickman	4,364	Under 10,000	85	29.0
Owsley	4,331	Under 10,000	67	36.1
Robertson	2,136	Under 10,000	37	49.9

**Table 10: Fatal Crash Rates
by County and Population Category (5-Year, All Roads)**

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Jefferson	767,452	Over 50,000	479	1.33
Fayette	324,735	Over 50,000	161	1.10
Kenton	167,949	Over 50,000	53	0.70
Boone	135,396	Over 50,000	63	0.80
Warren	134,510	Over 50,000	84	1.09
Hardin	111,309	Over 50,000	74	1.05
Daviess	101,978	Over 50,000	55	1.33
Madison	94,265	Over 50,000	48	0.90
Campbell	94,020	Over 50,000	50	1.27
Bullitt	82,182	Over 50,000	56	1.14
Christian	71,478	Over 50,000	57	1.16
Oldham	66,999	Over 50,000	28	1.01
McCracken	65,644	Over 50,000	56	1.40
Pulaski	65,530	Over 50,000	61	1.73
Laurel	61,238	Over 50,000	66	1.46
Scott	58,470	Over 50,000	36	0.93
Pike	57,057	Over 50,000	71	2.16
Jessamine	54,057	Over 50,000	29	1.49
Franklin	51,118	Over 50,000	27	0.97
Shelby	49,611	25,000-50,000	32	0.91
Boyd	46,516	25,000-50,000	21	0.98
Nelson	46,450	25,000-50,000	50	1.97
Henderson	44,740	25,000-50,000	30	1.18
Hopkins	44,662	25,000-50,000	33	1.15
Barren	44,300	25,000-50,000	41	1.41
Calloway	39,300	25,000-50,000	25	1.54
Graves	36,818	25,000-50,000	44	2.09
Clark	36,463	25,000-50,000	34	1.51
Whitley	36,451	25,000-50,000	45	1.49
Floyd	34,974	25,000-50,000	45	2.05
Greenup	34,865	25,000-50,000	17	1.05
Marshall	31,163	25,000-50,000	34	1.38
Knox	31,022	25,000-50,000	26	1.69
Muhlenberg	30,457	25,000-50,000	33	1.90
Boyle	30,367	25,000-50,000	17	1.27
Meade	28,616	25,000-50,000	36	2.87
Montgomery	28,186	25,000-50,000	25	1.74
Logan	27,416	25,000-50,000	20	1.30
Woodford	26,765	25,000-50,000	31	1.55
Carter	26,542	25,000-50,000	21	1.07

Table 10 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Grayson	26,480	25,000-50,000	42	2.52
Taylor	25,707	25,000-50,000	25	2.21
Harlan	25,566	25,000-50,000	24	2.03
Bell	25,482	25,000-50,000	22	1.66
Perry	25,456	25,000-50,000	46	2.86
Grant	25,387	25,000-50,000	21	0.82
Rowan	24,682	15,000-24,999	22	1.42
Lincoln	24,466	15,000-24,999	23	1.98
Ohio	23,899	15,000-24,999	31	1.77
Anderson	22,833	15,000-24,999	17	1.43
Johnson	22,002	15,000-24,999	16	1.55
Mercer	21,889	15,000-24,999	22	2.18
Allen	21,303	15,000-24,999	28	3.17
Letcher	21,213	15,000-24,999	28	2.72
Breckinridge	20,537	15,000-24,999	19	2.25
Wayne	20,209	15,000-24,999	18	1.92
Bourbon	19,901	15,000-24,999	31	3.20
Clay	19,631	15,000-24,999	23	2.30
Spencer	19,585	15,000-24,999	13	1.85
Adair	19,555	15,000-24,999	16	1.48
Marion	19,314	15,000-24,999	24	2.82
Hart	19,013	15,000-24,999	29	1.32
Harrison	18,920	15,000-24,999	10	1.40
Simpson	18,635	15,000-24,999	19	0.98
Russell	17,998	15,000-24,999	19	1.89
Garrard	17,719	15,000-24,999	11	1.44
McCreary	17,071	15,000-24,999	22	2.80
Mason	17,035	15,000-24,999	16	1.65
Rockcastle	16,750	15,000-24,999	24	0.99
Henry	16,067	15,000-24,999	17	1.16
Casey	16,066	15,000-24,999	10	1.36
Lawrence	15,436	15,000-24,999	23	2.61
Trigg	14,776	10,000-14,999	20	1.51
Fleming	14,603	10,000-14,999	9	1.29
Pendleton	14,586	10,000-14,999	14	2.55
Knott	14,512	10,000-14,999	12	1.59
Union	14,443	10,000-14,999	18	2.67
Larue	14,431	10,000-14,999	17	1.69
Estill	14,109	10,000-14,999	10	1.82
Jackson	13,340	10,000-14,999	21	4.15

Table 10 Continued.

County	Population	Population Category	Number of Crashes	Crash Rate (Crashes per 100 MVM)
Lewis	13,262	10,000-14,999	28	4.17
Morgan	13,142	10,000-14,999	10	1.61
Webster	12,923	10,000-14,999	9	1.13
Butler	12,703	10,000-14,999	16	1.91
Caldwell	12,687	10,000-14,999	9	0.96
Breathitt	12,550	10,000-14,999	27	3.99
Bath	12,481	10,000-14,999	10	1.09
Todd	12,448	10,000-14,999	15	2.30
Edmonson	12,235	10,000-14,999	11	1.68
Powell	12,218	10,000-14,999	21	2.60
Washington	12,147	10,000-14,999	19	2.41
Magoffin	12,017	10,000-14,999	18	2.86
Martin	11,031	10,000-14,999	7	1.54
Owen	11,017	10,000-14,999	17	3.88
Green	10,995	10,000-14,999	9	2.02
Carroll	10,730	10,000-14,999	15	1.01
Monroe	10,549	10,000-14,999	6	1.12
Clinton	10,110	10,000-14,999	13	2.50
Metcalfe	10,058	10,000-14,999	9	1.49
Leslie	9,637	Under 10,000	11	2.01
McLean	9,075	Under 10,000	9	1.80
Livingston	9,041	Under 10,000	6	0.83
Crittenden	8,847	Under 10,000	13	3.21
Gallatin	8,779	Under 10,000	17	1.21
Hancock	8,742	Under 10,000	8	1.78
Trimble	8,481	Under 10,000	12	3.06
Bracken	8,286	Under 10,000	6	1.27
Lyon	8,133	Under 10,000	13	0.91
Ballard	7,769	Under 10,000	15	3.24
Elliott	7,372	Under 10,000	9	4.00
Lee	7,268	Under 10,000	4	1.35
Nicholas	7,234	Under 10,000	13	4.54
Wolfe	7,106	Under 10,000	20	3.81
Cumberland	6,523	Under 10,000	9	2.48
Menifee	6,502	Under 10,000	11	4.41
Fulton	5,952	Under 10,000	9	2.57
Carlisle	4,692	Under 10,000	9	3.34
Hickman	4,364	Under 10,000	4	1.36
Owsley	4,331	Under 10,000	6	3.23
Robertson	2,136	Under 10,000	0	0.00

Table 11: Public Roads Crash Data for Each County by County and Population Category (5-Year, Roads with Known Traffic Volume)

County	Number of Crashes by Year					Previous 4-Year Average	% Change to 4-Year Average	% Crashes Involving Alcohol	% Crashes Involving Drugs	% Fatal Crashes	% Injury or Fatal Crashes	% Crashes Involving Speeding
	2016	2017	2018	2019	2020							
ADAIR	226	250	213	253	298	236	26.5%	2.7%	2.7%	1.3%	20.2%	3.0%
ALLEN	502	412	463	450	377	457	-17.5%	3.8%	1.1%	1.3%	18.1%	3.5%
ANDERSON	517	528	497	443	384	496	-22.6%	4.3%	2.1%	0.7%	19.1%	3.4%
BALLARD	168	189	178	126	126	165	-23.8%	5.0%	1.4%	1.9%	21.5%	4.1%
BARREN	1498	1421	1361	1284	1146	1,391	-17.6%	2.5%	1.2%	0.6%	19.5%	3.5%
BATH	211	218	183	259	222	218	2.0%	3.0%	1.2%	0.9%	20.8%	5.3%
BELL	757	606	530	545	496	610	-18.6%	1.8%	2.6%	0.7%	21.9%	4.5%
BOONE	5010	5199	5024	5064	4171	5,074	-17.8%	2.7%	0.9%	0.3%	15.0%	5.2%
BOURBON	659	651	574	598	513	621	-17.3%	4.2%	1.3%	1.0%	16.5%	5.5%
BOYD	1543	1491	1426	1326	1169	1,447	-19.2%	2.6%	2.0%	0.3%	16.4%	3.2%
BOYLE	854	816	867	764	595	825	-27.9%	2.8%	1.3%	0.4%	15.9%	5.4%
BRACKEN	222	208	174	155	161	190	-15.2%	5.2%	1.1%	0.7%	19.0%	10.4%
BREATHITT	235	225	236	210	208	227	-8.2%	2.7%	4.0%	2.4%	35.5%	4.0%
BRECKINRIDGE	243	230	235	241	303	237	27.7%	4.8%	1.1%	1.5%	30.6%	6.2%
BULLITT	2071	2030	2145	2029	1685	2,069	-18.5%	2.4%	1.0%	0.6%	19.6%	3.2%
BUTLER	237	289	252	251	208	257	-19.1%	3.7%	1.0%	1.3%	22.2%	8.9%
CALDWELL	437	357	339	272	316	351	-10.0%	2.4%	1.4%	0.5%	19.2%	4.9%
CALLOWAY	1073	1108	974	1020	801	1,044	-23.3%	3.1%	1.2%	0.5%	15.4%	3.3%
CAMPBELL	3082	3193	3141	3147	2431	3,141	-22.6%	3.1%	1.6%	0.3%	11.5%	3.8%
CARLISLE	53	50	59	64	61	57	8.0%	4.5%	3.5%	3.1%	46.0%	5.6%
CARROLL	407	346	394	417	341	391	-12.8%	2.7%	1.7%	0.8%	16.6%	3.9%
CARTER	576	592	607	573	557	587	-5.1%	2.1%	1.8%	0.7%	18.3%	6.5%
CASEY	91	227	183	230	222	183	21.5%	3.1%	2.6%	1.0%	23.3%	1.4%
CHRISTIAN	1955	1957	1906	1877	1668	1,924	-13.3%	3.9%	0.9%	0.6%	21.7%	5.0%
CLARK	1204	1234	1160	1117	1020	1,179	-13.5%	3.2%	1.5%	0.6%	15.7%	3.7%
CLAY	354	347	345	256	304	326	-6.6%	2.7%	4.9%	1.4%	36.6%	4.1%
CLINTON	250	208	163	210	187	208	-10.0%	2.7%	1.7%	1.3%	19.9%	2.8%
CRITTENDEN	186	190	172	154	117	176	-33.3%	3.8%	2.6%	1.6%	29.4%	6.0%
CUMBERLAND	128	99	81	139	101	112	-9.6%	3.3%	2.0%	1.6%	20.1%	0.9%
DAVISS	3712	3642	3718	3554	2972	3,657	-18.7%	2.5%	1.1%	0.3%	15.7%	3.4%
EDMONSON	211	191	178	137	111	179	-38.1%	3.0%	1.4%	1.3%	25.5%	7.9%
ELLIOTT	64	67	58	46	55	59	-6.4%	7.2%	3.4%	3.1%	29.0%	4.8%
ESTILL	185	146	162	231	226	181	24.9%	2.6%	4.4%	1.1%	23.1%	4.2%
FAYETTE	14276	14113	13582	13545	10782	13,879	-22.3%	3.0%	0.9%	0.2%	16.1%	6.5%
FLEMING	232	208	265	245	189	238	-20.4%	3.5%	2.3%	0.8%	18.9%	2.7%
FLOYD	789	725	721	747	586	746	-21.4%	4.2%	4.8%	1.3%	28.8%	3.2%
FRANKLIN	1549	1516	1544	1532	1234	1,535	-19.6%	3.5%	1.9%	0.4%	13.7%	4.4%
FULTON	138	73	102	94	99	102	-2.7%	4.0%	1.4%	1.8%	18.4%	2.6%
GALLATIN	281	296	283	272	219	283	-22.6%	3.6%	1.4%	1.3%	16.2%	3.9%
GARRARD	400	373	370	373	354	379	-6.6%	3.5%	1.2%	0.6%	22.0%	4.6%

Table 11 Continued.

County	Number of Crashes by Year					Previous 4-Year Average	% Change to 4-Year Average	% Crashes Involving Alcohol	% Crashes Involving Drugs	% Fatal Crashes	% Injury or Fatal Crashes	% Crashes Involving Speeding
	2016	2017	2018	2019	2020							
GRANT	812	790	822	842	799	817	-2.1%	2.5%	1.2%	0.5%	16.3%	4.9%
GRAVES	944	967	991	997	791	975	-18.9%	3.1%	1.8%	0.9%	21.5%	4.9%
GRAYSON	688	631	649	617	549	646	-15.0%	3.8%	1.6%	1.3%	24.8%	4.9%
GREEN	185	163	187	124	165	165	0.2%	2.3%	1.0%	1.1%	21.7%	3.0%
GREENUP	655	620	612	645	515	633	-18.6%	2.8%	1.9%	0.6%	19.0%	1.9%
HANCOCK	155	137	115	108	133	129	3.3%	2.6%	0.8%	1.2%	20.2%	4.9%
HARDIN	2934	3095	3047	3031	2225	3,027	-26.5%	2.8%	1.1%	0.5%	16.8%	4.8%
HARLAN	394	435	443	427	386	425	-9.1%	3.1%	4.2%	1.2%	26.0%	3.4%
HARRISON	542	496	444	512	412	499	-17.4%	2.5%	1.0%	0.4%	17.2%	4.9%
HART	535	555	578	583	566	563	0.6%	2.2%	1.1%	1.0%	18.7%	7.2%
HENDERSON	1671	1509	1570	1504	1305	1,564	-16.5%	2.3%	1.0%	0.4%	17.8%	3.2%
HENRY	445	395	375	401	336	404	-16.8%	4.4%	1.1%	0.9%	17.1%	4.3%
HICKMAN	62	87	55	69	69	68	1.1%	2.9%	1.2%	1.2%	24.9%	5.3%
HOPKINS	1442	1329	1386	1319	1054	1,369	-23.0%	2.1%	1.1%	0.5%	14.9%	4.6%
JACKSON	205	178	140	181	194	176	10.2%	2.6%	2.4%	2.3%	26.3%	5.2%
JEFFERSON	33914	31866	30890	30977	14825	31,912	-53.5%	2.3%	0.7%	0.3%	17.7%	3.4%
JESSAMINE	1597	1609	1634	1582	1395	1,606	-13.1%	3.3%	1.9%	0.4%	16.8%	5.5%
JOHNSON	457	412	431	384	332	421	-21.1%	2.7%	3.0%	0.8%	24.8%	2.9%
KENTON	5901	5970	5872	5996	5155	5,935	-13.1%	3.6%	1.8%	0.2%	12.4%	5.4%
KNOTT	224	222	217	196	181	215	-15.7%	2.3%	4.5%	1.2%	31.3%	2.7%
KNOX	690	632	644	613	463	645	-28.2%	2.7%	3.2%	0.9%	26.1%	4.6%
LARUE	331	322	320	283	305	314	-2.9%	4.3%	1.7%	1.1%	19.4%	7.0%
LAUREL	1778	1929	1849	1867	1765	1,856	-4.9%	2.0%	1.8%	0.7%	20.7%	3.9%
LAWRENCE	213	224	227	194	170	215	-20.7%	4.0%	1.6%	2.2%	26.9%	2.1%
LEE	68	76	64	62	60	68	-11.1%	3.0%	3.6%	1.2%	21.8%	4.8%
LESLIE	75	40	25	102	82	61	35.5%	1.9%	5.9%	3.4%	35.8%	3.1%
LETCHER	307	353	373	348	218	345	-36.9%	3.3%	3.6%	1.8%	35.2%	5.2%
LEWIS	139	170	176	169	125	164	-23.5%	6.2%	2.6%	3.6%	26.8%	5.4%
LINCOLN	435	432	409	388	250	416	-39.9%	2.8%	1.9%	1.2%	22.6%	2.5%
LIVINGSTON	186	190	191	133	150	175	-14.3%	3.2%	1.9%	0.7%	25.2%	6.0%
LOGAN	647	569	611	582	526	602	-12.7%	3.3%	0.8%	0.7%	19.7%	5.5%
LYON	297	224	251	256	278	257	8.2%	3.4%	2.4%	1.0%	20.7%	5.7%
MCCRACKEN	2576	2403	2528	2504	2089	2,503	-16.5%	2.5%	1.2%	0.5%	21.5%	5.5%
MCCREARY	216	213	213	218	237	215	10.2%	3.6%	3.5%	2.0%	28.5%	5.9%
MCLEAN	228	244	233	244	192	237	-19.1%	4.5%	2.2%	0.8%	26.2%	5.1%
MADISON	2775	2778	2541	2458	2101	2,638	-20.4%	3.3%	1.6%	0.4%	15.4%	6.8%
MAGOFFIN	169	158	183	136	124	162	-23.2%	3.6%	4.8%	2.3%	34.3%	5.7%
MARION	492	506	444	378	420	455	-7.7%	4.4%	1.3%	1.1%	19.7%	2.2%
MARSHALL	829	872	813	802	701	829	-15.4%	3.7%	1.9%	0.8%	24.3%	5.3%
MARTIN	138	119	137	130	101	131	-22.9%	2.7%	3.7%	1.1%	24.2%	3.7%

Table 11 Continued.

County	Number of Crashes by Year					Previous 4-Year Average	% Change to 4-Year Average	% Crashes Involving Alcohol	% Crashes Involving Drugs	% Fatal Crashes	% Injury or Fatal Crashes	% Crashes Involving Speeding
	2016	2017	2018	2019	2020							
MASON	619	610	541	516	498	572	-12.9%	5.6%	1.9%	0.6%	15.0%	4.6%
MEADE	487	472	404	480	379	461	-17.7%	4.7%	1.0%	1.6%	29.4%	4.0%
MENIFEE	102	67	60	96	100	81	23.1%	3.5%	1.4%	2.6%	27.5%	2.8%
MERCER	484	422	433	419	353	440	-19.7%	3.4%	1.3%	1.0%	18.2%	4.5%
METCALFE	273	261	257	236	274	257	6.7%	4.2%	2.0%	0.7%	21.1%	6.7%
MONROE	167	156	153	153	155	157	-1.4%	2.8%	1.7%	0.8%	22.7%	3.7%
MONTGOMERY	839	858	707	826	672	808	-16.8%	3.4%	2.1%	0.6%	19.5%	4.3%
MORGAN	148	184	177	202	179	178	0.7%	3.4%	2.1%	1.1%	28.7%	4.8%
MUHLENBERG	921	800	816	824	638	840	-24.1%	2.3%	1.7%	0.8%	21.3%	3.5%
NELSON	1120	1120	1148	1170	956	1,140	-16.1%	4.0%	1.0%	0.9%	17.9%	3.1%
NICHOLAS	149	152	146	139	118	147	-19.5%	3.4%	2.3%	1.8%	16.2%	5.5%
OHIO	657	700	674	673	551	676	-18.5%	3.3%	1.7%	1.0%	22.3%	4.5%
OLDHAM	1266	1141	1294	1186	928	1,222	-24.0%	3.5%	0.8%	0.5%	15.9%	4.6%
OWEN	232	210	225	171	186	210	-11.2%	4.1%	2.1%	1.7%	22.3%	4.5%
OWSLEY	92	34	25	56	41	52	-20.8%	2.0%	2.0%	2.4%	27.0%	4.8%
PENDLETON	336	323	315	300	283	319	-11.1%	3.8%	1.7%	0.9%	23.4%	6.4%
PERRY	728	707	737	652	539	706	-23.7%	2.7%	3.5%	1.4%	28.1%	2.0%
PIKE	1347	1338	1315	1239	1076	1,310	-17.8%	3.8%	5.1%	1.1%	27.7%	5.3%
POWELL	327	252	228	208	284	254	11.9%	2.5%	2.1%	1.6%	23.4%	2.5%
PULASKI	1814	1793	1748	1781	1549	1,784	-13.2%	2.1%	1.1%	0.7%	16.8%	5.1%
ROBERTSON	52	44	31	36	46	41	12.9%	2.4%	2.9%	0.0%	17.7%	7.7%
ROCKCASTLE	521	536	634	499	472	548	-13.8%	2.0%	1.6%	0.9%	17.8%	7.4%
ROWAN	830	826	692	703	594	763	-22.1%	3.0%	1.7%	0.6%	16.4%	4.6%
RUSSELL	377	363	341	310	274	348	-21.2%	3.1%	1.2%	1.1%	17.5%	2.0%
SCOTT	1670	1663	1831	1532	1316	1,674	-21.4%	3.2%	1.0%	0.4%	17.4%	5.2%
SHELBY	1429	1362	1425	1291	1155	1,377	-16.1%	3.6%	1.3%	0.5%	19.6%	3.9%
SIMPSON	608	630	596	611	487	611	-20.3%	3.5%	1.1%	0.6%	20.3%	6.5%
SPENCER	276	304	304	250	216	284	-23.8%	5.8%	2.3%	1.0%	24.0%	5.9%
TAYLOR	742	760	720	644	633	717	-11.7%	2.0%	0.9%	0.7%	14.5%	3.3%
TODD	222	236	222	200	216	220	-1.8%	2.3%	1.4%	1.4%	21.4%	6.7%
TRIGG	402	363	332	297	297	349	-14.8%	3.4%	1.7%	1.2%	20.0%	6.7%
TRIMBLE	156	192	175	149	120	168	-28.6%	4.4%	1.8%	1.5%	22.6%	4.5%
UNION	306	265	334	290	222	299	-25.7%	3.3%	0.8%	1.3%	24.2%	7.4%
WARREN	4945	5043	4770	4732	3788	4,873	-22.3%	3.1%	0.9%	0.4%	17.7%	4.2%
WASHINGTON	270	254	282	253	222	265	-16.1%	3.4%	1.0%	1.5%	22.3%	5.2%
WAYNE	360	257	351	363	356	333	7.0%	2.1%	0.8%	1.1%	23.4%	6.4%
WEBSTER	248	228	235	254	186	241	-22.9%	2.5%	1.4%	0.8%	25.0%	3.6%
WHITLEY	1008	1028	1004	1026	900	1,017	-11.5%	3.0%	2.3%	0.9%	25.2%	5.6%
WOLFE	136	151	150	137	99	144	-31.0%	2.2%	1.6%	3.0%	22.7%	5.5%
WOODFORD	943	933	897	858	669	908	-26.3%	3.8%	0.9%	0.7%	15.5%	5.7%

**Table 12: Crashes Involving Alcohol
by County and Population Category (5-Year, All Roads)**

County	Population	Category	5-Year Number		Percent of Total	
			All	Age 16-20	All	Age 16-20
Jefferson	767,452	Over 50,000	3214	381	2.3%	0.3%
Fayette	324,735	Over 50,000	1990	253	3.0%	0.4%
Kenton	167,949	Over 50,000	1047	117	3.6%	0.4%
Boone	135,396	Over 50,000	653	93	2.7%	0.4%
Warren	134,510	Over 50,000	717	101	3.1%	0.4%
Hardin	111,309	Over 50,000	402	42	2.8%	0.3%
Daviess	101,978	Over 50,000	440	50	2.5%	0.3%
Madison	94,265	Over 50,000	413	62	3.3%	0.5%
Campbell	94,020	Over 50,000	471	52	3.1%	0.3%
Bullitt	82,182	Over 50,000	240	39	2.4%	0.4%
Christian	71,478	Over 50,000	366	44	3.9%	0.5%
Oldham	66,999	Over 50,000	204	24	3.5%	0.4%
McCracken	65,644	Over 50,000	307	45	2.5%	0.4%
Pulaski	65,530	Over 50,000	180	27	2.1%	0.3%
Laurel	61,238	Over 50,000	181	14	2.0%	0.2%
Scott	58,470	Over 50,000	254	36	3.2%	0.4%
Pike	57,057	Over 50,000	240	33	3.8%	0.5%
Jessamine	54,057	Over 50,000	259	31	3.3%	0.4%
Franklin	51,118	Over 50,000	257	20	3.5%	0.3%
Shelby	49,611	25,000-50,000	242	33	3.6%	0.5%
Boyd	46,516	25,000-50,000	182	17	2.6%	0.2%
Nelson	46,450	25,000-50,000	218	31	4.0%	0.6%
Henderson	44,740	25,000-50,000	172	25	2.3%	0.3%
Hopkins	44,662	25,000-50,000	136	17	2.1%	0.3%
Barren	44,300	25,000-50,000	171	21	2.5%	0.3%
Calloway	39,300	25,000-50,000	156	30	3.1%	0.6%
Graves	36,818	25,000-50,000	146	19	3.1%	0.4%
Clark	36,463	25,000-50,000	182	21	3.2%	0.4%
Whitley	36,451	25,000-50,000	149	23	3.0%	0.5%
Floyd	34,974	25,000-50,000	150	11	4.2%	0.3%
Greenup	34,865	25,000-50,000	86	9	2.8%	0.3%
Marshall	31,163	25,000-50,000	150	16	3.7%	0.4%
Knox	31,022	25,000-50,000	82	9	2.7%	0.3%
Muhlenberg	30,457	25,000-50,000	90	16	2.3%	0.4%
Boyle	30,367	25,000-50,000	111	14	2.8%	0.4%
Meade	28,616	25,000-50,000	105	12	4.7%	0.5%
Montgomery	28,186	25,000-50,000	132	15	3.4%	0.4%
Logan	27,416	25,000-50,000	97	14	3.3%	0.5%
Woodford	26,765	25,000-50,000	162	20	3.8%	0.5%
Carter	26,542	25,000-50,000	60	7	2.1%	0.2%

Table 12 Continued.

County	Population	Category	5-Year Number		Percent of Total	
			All	Age 16-20	All	Age 16-20
Grayson	26,480	25,000-50,000	118	14	3.8%	0.4%
Taylor	25,707	25,000-50,000	71	18	2.0%	0.5%
Harlan	25,566	25,000-50,000	65	13	3.1%	0.6%
Bell	25,482	25,000-50,000	52	5	1.8%	0.2%
Perry	25,456	25,000-50,000	91	13	2.7%	0.4%
Grant	25,387	25,000-50,000	101	17	2.5%	0.4%
Rowan	24,682	15,000-24,999	108	9	3.0%	0.2%
Lincoln	24,466	15,000-24,999	53	12	2.8%	0.6%
Ohio	23,899	15,000-24,999	107	25	3.3%	0.8%
Anderson	22,833	15,000-24,999	103	15	4.3%	0.6%
Johnson	22,002	15,000-24,999	55	13	2.7%	0.6%
Mercer	21,889	15,000-24,999	72	7	3.4%	0.3%
Allen	21,303	15,000-24,999	84	8	3.8%	0.4%
Letcher	21,213	15,000-24,999	53	8	3.3%	0.5%
Breckinridge	20,537	15,000-24,999	60	10	4.8%	0.8%
Wayne	20,209	15,000-24,999	36	6	2.1%	0.4%
Bourbon	19,901	15,000-24,999	127	13	4.2%	0.4%
Clay	19,631	15,000-24,999	44	6	2.7%	0.4%
Spencer	19,585	15,000-24,999	78	9	5.8%	0.7%
Adair	19,555	15,000-24,999	33	5	2.7%	0.4%
Marion	19,314	15,000-24,999	98	12	4.4%	0.5%
Hart	19,013	15,000-24,999	62	3	2.2%	0.1%
Harrison	18,920	15,000-24,999	61	13	2.5%	0.5%
Simpson	18,635	15,000-24,999	104	10	3.5%	0.3%
Russell	17,998	15,000-24,999	52	6	3.1%	0.4%
Garrard	17,719	15,000-24,999	66	11	3.5%	0.6%
McCreary	17,071	15,000-24,999	40	9	3.6%	0.8%
Mason	17,035	15,000-24,999	156	19	5.6%	0.7%
Rockcastle	16,750	15,000-24,999	54	11	2.0%	0.4%
Henry	16,067	15,000-24,999	86	9	4.4%	0.5%
Casey	16,066	15,000-24,999	30	8	3.1%	0.8%
Lawrence	15,436	15,000-24,999	41	5	4.0%	0.5%
Trigg	14,776	10,000-14,999	57	8	3.4%	0.5%
Fleming	14,603	10,000-14,999	40	6	3.5%	0.5%
Pendleton	14,586	10,000-14,999	59	8	3.8%	0.5%
Knott	14,512	10,000-14,999	24	4	2.3%	0.4%
Union	14,443	10,000-14,999	47	4	3.3%	0.3%
Larue	14,431	10,000-14,999	67	11	4.3%	0.7%
Estill	14,109	10,000-14,999	25	5	2.6%	0.5%
Jackson	13,340	10,000-14,999	23	1	2.6%	0.1%

Table 12 Continued.

County	Population	Category	5-Year Number		Percent of Total	
			All	Age 16-20	All	Age 16-20
Lewis	13,262	10,000-14,999	48	8	6.2%	1.0%
Morgan	13,142	10,000-14,999	30	5	3.4%	0.6%
Webster	12,923	10,000-14,999	29	5	2.5%	0.4%
Butler	12,703	10,000-14,999	46	2	3.7%	0.2%
Caldwell	12,687	10,000-14,999	41	3	2.4%	0.2%
Breathitt	12,550	10,000-14,999	30	3	2.7%	0.3%
Bath	12,481	10,000-14,999	33	6	3.0%	0.5%
Todd	12,448	10,000-14,999	25	7	2.3%	0.6%
Edmonson	12,235	10,000-14,999	25	5	3.0%	0.6%
Powell	12,218	10,000-14,999	33	3	2.5%	0.2%
Washington	12,147	10,000-14,999	44	5	3.4%	0.4%
Magoffin	12,017	10,000-14,999	28	3	3.6%	0.4%
Martin	11,031	10,000-14,999	17	1	2.7%	0.2%
Owen	11,017	10,000-14,999	42	6	4.1%	0.6%
Green	10,995	10,000-14,999	19	5	2.3%	0.6%
Carroll	10,730	10,000-14,999	51	5	2.7%	0.3%
Monroe	10,549	10,000-14,999	22	0	2.8%	0.0%
Clinton	10,110	10,000-14,999	27	8	2.7%	0.8%
Metcalfe	10,058	10,000-14,999	54	8	4.2%	0.6%
Leslie	9,637	Under 10,000	6	0	1.9%	0.0%
McLean	9,075	Under 10,000	51	4	4.5%	0.4%
Livingston	9,041	Under 10,000	27	0	3.2%	0.0%
Crittenden	8,847	Under 10,000	31	6	3.8%	0.7%
Gallatin	8,779	Under 10,000	49	3	3.6%	0.2%
Hancock	8,742	Under 10,000	17	3	2.6%	0.5%
Trimble	8,481	Under 10,000	35	6	4.4%	0.8%
Bracken	8,286	Under 10,000	48	4	5.2%	0.4%
Lyon	8,133	Under 10,000	44	7	3.4%	0.5%
Ballard	7,769	Under 10,000	39	2	5.0%	0.3%
Elliott	7,372	Under 10,000	21	6	7.2%	2.1%
Lee	7,268	Under 10,000	10	1	3.0%	0.3%
Nicholas	7,234	Under 10,000	24	1	3.4%	0.1%
Wolfe	7,106	Under 10,000	15	0	2.2%	0.0%
Cumberland	6,523	Under 10,000	18	3	3.3%	0.5%
Menifee	6,502	Under 10,000	15	1	3.5%	0.2%
Fulton	5,952	Under 10,000	20	2	4.0%	0.4%
Carlisle	4,692	Under 10,000	13	0	4.5%	0.0%
Hickman	4,364	Under 10,000	10	0	2.9%	0.0%
Owsley	4,331	Under 10,000	5	0	2.0%	0.0%
Robertson	2,136	Under 10,000	5	0	2.4%	0.0%

**Table 13: Summary of Alcohol Convictions
by County (5-Year) as Collected by Police**

County	Alcohol Convictions					Total Convictions Over 5 Years	Annual Average Alcohol Convictions Per 1,000 Licensed Drivers	Convictions Per Alcohol-Related Crash
	2016	2017	2018	2019	2020			
ADAIR	72	67	54	99	56	348	5.4	6.1
ALLEN	61	44	53	38	29	225	3.2	9.0
ANDERSON	78	110	75	56	59	378	4.4	6.2
BALLARD	29	14	24	40	32	139	4.6	4.2
BARREN	118	144	134	135	87	618	4.0	5.7
BATH	19	16	20	24	28	107	2.4	4.3
BELL	87	79	135	61	22	384	4.5	11.6
BOONE	443	348	324	290	204	1609	3.3	9.9
BOURBON	100	78	98	79	73	428	5.8	6.6
BOYD	191	285	224	201	175	1076	6.5	8.8
BOYLE	86	106	75	62	58	387	3.7	6.9
BRACKEN	22	11	8	12	14	67	2.1	5.6
BREATHITT	68	53	69	105	63	358	7.9	10.2
BRECKINRIDGE	31	33	28	34	30	156	2.1	6.2
BULLITT	112	99	80	60	27	378	1.2	11.8
BUTLER	37	30	18	23	17	125	2.8	8.9
CALDWELL	44	41	40	36	35	196	4.1	7.0
CALLOWAY	134	219	155	132	74	714	5.8	13.5
CAMPBELL	375	331	304	278	205	1493	4.6	9.2
CARLISLE	10	8	1	11	10	40	2.1	3.6
CARROLL	69	47	27	48	21	212	5.7	11.2
CARTER	73	82	88	86	26	355	3.7	10.1
CASEY	46	48	27	62	69	252	4.6	6.1
CHRISTIAN	200	165	170	153	156	844	4.0	5.9
CLARK	129	97	85	120	56	487	3.7	7.6
CLAY	101	101	91	132	48	473	7.3	18.2
CLINTON	29	18	24	19	13	103	2.9	7.9
CRITTENDEN	29	27	25	14	6	101	3.3	25.3
CUMBERLAND	37	47	37	43	25	189	7.8	7.3
DAVISS	272	216	214	185	88	975	2.7	7.9
EDMONSON	24	19	28	14	11	96	2.2	9.6
ELLIOTT	10	7	16	6	1	40	1.8	20.0
ESTILL	37	58	46	57	43	241	4.7	7.5
FAYETTE	813	801	699	720	505	3538	3.4	8.0
FLEMING	60	59	46	22	9	196	3.8	15.1
FLOYD	208	140	198	172	93	811	6.3	9.1
FRANKLIN	238	196	193	176	153	956	5.3	7.2
FULTON	61	96	79	42	13	291	14.0	26.5
GALLATIN	49	22	29	36	36	172	5.4	5.9
GARRARD	62	72	46	42	30	252	4.0	12.6

Table 13 Continued.

County	Alcohol Convictions					Total Convictions Over 5 Years	Annual Average Alcohol Convictions Per 1,000 Licensed Drivers	Convictions Per Alcohol-Related Crash
	2016	2017	2018	2019	2020			
GRANT	92	51	44	43	21	251	2.9	11.4
GRAVES	182	149	79	114	78	602	4.6	7.5
GRAYSON	96	107	80	87	92	462	4.9	5.8
GREEN	9	17	11	15	6	58	1.5	6.4
GREENUP	105	119	124	188	67	603	4.5	14.4
HANCOCK	13	9	7	17	8	54	1.6	6.8
HARDIN	419	376	280	317	303	1695	4.4	8.0
HARLAN	122	119	50	65	29	385	4.2	9.2
HARRISON	47	38	31	35	20	171	2.6	6.3
HART	52	36	33	68	43	232	3.7	5.2
HENDERSON	205	165	145	103	77	695	4.2	10.7
HENRY	63	84	40	49	44	280	4.7	9.7
HICKMAN	13	17	10	6	5	51	3.2	10.2
HOPKINS	210	217	213	137	153	930	5.8	7.9
JACKSON	24	54	47	20	26	171	3.6	13.2
JEFFERSON	668	744	710	648	109	2879	1.1	23.8
JESSAMINE	231	172	165	200	107	875	4.7	7.2
JOHNSON	95	75	81	56	46	353	4.5	11.4
KENTON	529	523	599	508	355	2514	4.3	8.1
KNOTT	98	62	81	77	56	374	7.3	11.7
KNOX	191	170	191	150	154	856	7.9	10.4
LARUE	33	51	40	20	21	165	3.1	6.1
LAUREL	554	483	418	422	395	2272	10.4	17.0
LAWRENCE	59	41	34	29	19	182	3.3	14.0
LEE	14	38	34	28	9	123	5.5	11.2
LESLIE	21	12	18	21	23	95	2.6	7.9
LETCHER	77	57	63	46	31	274	3.6	11.0
LEWIS	40	35	44	52	22	193	4.1	14.8
LINCOLN	73	76	79	42	38	308	3.6	9.9
LIVINGSTON	36	21	12	25	19	113	3.2	5.9
LOGAN	106	94	98	86	60	444	4.5	9.9
LYON	67	63	59	67	49	305	10.3	6.9
MCCRACKEN	339	297	286	303	210	1435	5.8	10.4
MCCREARY	86	136	97	98	64	481	8.9	12.3
MCLEAN	34	36	41	32	23	166	4.8	8.3
MADISON	221	287	229	270	163	1170	3.7	8.3
MAGOFFIN	87	82	95	77	41	382	8.7	18.2
MARION	58	50	41	48	41	238	3.6	5.5
MARSHALL	121	146	124	103	90	584	4.8	8.3
MARTIN	37	54	58	36	22	207	5.9	8.0

Table 13 Continued.

County	Alcohol Convictions					Total Convictions Over 5 Years	Annual Average Alcohol Convictions Per 1,000 Licensed Drivers	Convictions Per Alcohol-Related Crash
	2016	2017	2018	2019	2020			
MASON	119	67	44	59	59	348	5.7	9.9
MEADE	52	50	39	50	32	223	2.2	9.3
MENIFEE	9	11	4	17	24	65	2.7	3.6
MERCER	70	78	63	34	26	271	3.3	12.3
METCALFE	33	30	32	37	39	171	4.6	7.8
MONROE	39	51	64	54	21	229	5.9	9.5
MONTGOMERY	73	74	75	72	43	337	3.4	10.5
MORGAN	63	19	22	37	26	167	4.1	12.8
MUHLENBERG	128	104	103	85	65	485	4.4	7.1
NELSON	174	114	84	92	61	525	3.1	10.5
NICHOLAS	49	35	26	35	17	162	6.1	11.6
OHIO	129	87	77	84	76	453	5.4	8.2
OLDHAM	123	126	109	93	52	503	2.1	9.0
OWEN	28	23	21	12	6	90	2.3	11.3
OWSLEY	43	13	20	8	5	89	5.7	17.8
PENDLETON	22	25	19	23	16	105	2.0	5.5
PERRY	82	78	57	95	54	366	4.0	9.4
PIKE	109	103	86	49	33	380	1.9	4.0
POWELL	52	57	41	42	36	228	4.9	10.4
PULASKI	211	195	276	328	158	1168	4.9	9.9
ROBERTSON	2	2	5	5	1	15	1.8	15.0
ROCKCASTLE	62	61	64	37	14	238	4.1	17.0
ROWAN	158	111	93	82	61	505	6.4	9.9
RUSSELL	65	65	47	75	26	278	4.2	14.6
SCOTT	158	165	196	134	114	767	3.8	7.5
SHELBY	204	160	192	182	102	840	5.1	7.2
SIMPSON	55	65	76	72	83	351	5.1	5.2
SPENCER	52	62	80	30	30	254	3.4	9.1
TAYLOR	67	65	55	78	60	325	3.6	5.3
TODD	38	19	51	24	29	161	4.0	5.8
TRIGG	87	55	46	39	28	255	5.0	11.6
TRIMBLE	13	17	16	12	23	81	2.5	4.1
UNION	38	29	43	32	21	163	3.2	9.6
WARREN	443	398	347	319	173	1680	4.0	8.7
WASHINGTON	15	19	24	17	3	78	1.8	11.1
WAYNE	46	25	40	53	28	192	2.8	9.1
WEBSTER	47	12	8	16	16	99	2.2	9.0
WHITLEY	151	168	164	221	166	870	7.0	9.9
WOLFE	35	42	51	25	18	171	6.9	11.4
WOODFORD	107	120	124	80	74	505	5.1	9.7
TOTAL	13,642	12,797	11,962	11,472	7,758	57,631	3.7	9.0

**Table 14: Alcohol Conviction Rates
by County and Population (5-Year)**

County	Population	Population Category	Annual Average Alcohol Convictions Per 1,000 Licensed Drivers
Jefferson	767,452	Over 50,000	1.12
Fayette	324,735	Over 50,000	3.59
Kenton	167,949	Over 50,000	4.49
Boone	135,396	Over 50,000	3.46
Warren	134,510	Over 50,000	4.19
Hardin	111,309	Over 50,000	4.57
Daviess	101,978	Over 50,000	2.77
Madison	94,265	Over 50,000	4.69
Campbell	94,020	Over 50,000	3.96
Bullitt	82,182	Over 50,000	1.28
Christian	71,478	Over 50,000	4.22
Oldham	66,999	Over 50,000	2.18
McCracken	65,644	Over 50,000	5.98
Pulaski	65,530	Over 50,000	5.13
Laurel	61,238	Over 50,000	10.92
Scott	58,470	Over 50,000	1.90
Pike	57,057	Over 50,000	4.04
Jessamine	54,057	Over 50,000	4.93
Franklin	51,118	Over 50,000	5.45
Shelby	49,611	25,000-50,000	5.38
Boyd	46,516	25,000-50,000	6.61
Nelson	46,450	25,000-50,000	3.13
Henderson	44,740	25,000-50,000	4.35
Hopkins	44,662	25,000-50,000	5.83
Barren	44,300	25,000-50,000	4.13
Calloway	39,300	25,000-50,000	5.89
Graves	36,818	25,000-50,000	4.70
Clark	36,463	25,000-50,000	7.38
Whitley	36,451	25,000-50,000	3.82
Floyd	34,974	25,000-50,000	6.50
Greenup	34,865	25,000-50,000	4.57
Marshall	31,163	25,000-50,000	8.26
Knox	31,022	25,000-50,000	4.89
Muhlenberg	30,457	25,000-50,000	4.44
Boyle	30,367	25,000-50,000	3.88
Meade	28,616	25,000-50,000	2.25
Montgomery	28,186	25,000-50,000	3.54
Logan	27,416	25,000-50,000	4.66
Woodford	26,765	25,000-50,000	3.78
Carter	26,542	25,000-50,000	5.27

Table 14 Continued.

County	Population	Population Category	Annual Average Alcohol Convictions Per 1,000 Licensed Drivers
Grayson	26,480	25,000-50,000	5.02
Taylor	25,707	25,000-50,000	4.72
Harlan	25,566	25,000-50,000	4.28
Bell	25,482	25,000-50,000	3.68
Perry	25,456	25,000-50,000	3.99
Grant	25,387	25,000-50,000	2.92
Rowan	24,682	15,000-24,999	3.63
Lincoln	24,466	15,000-24,999	6.68
Ohio	23,899	15,000-24,999	5.46
Anderson	22,833	15,000-24,999	4.48
Johnson	22,002	15,000-24,999	4.54
Mercer	21,889	15,000-24,999	3.33
Allen	21,303	15,000-24,999	3.62
Letcher	21,213	15,000-24,999	3.29
Breckinridge	20,537	15,000-24,999	2.20
Wayne	20,209	15,000-24,999	2.87
Bourbon	19,901	15,000-24,999	7.67
Clay	19,631	15,000-24,999	6.11
Spencer	19,585	15,000-24,999	3.55
Adair	19,555	15,000-24,999	3.67
Marion	19,314	15,000-24,999	5.58
Hart	19,013	15,000-24,999	3.81
Harrison	18,920	15,000-24,999	2.64
Simpson	18,635	15,000-24,999	5.29
Russell	17,998	15,000-24,999	4.40
Garrard	17,719	15,000-24,999	4.18
McCreary	17,071	15,000-24,999	9.34
Mason	17,035	15,000-24,999	5.80
Rockcastle	16,750	15,000-24,999	4.19
Henry	16,067	15,000-24,999	4.75
Casey	16,066	15,000-24,999	4.85
Lawrence	15,436	15,000-24,999	3.42
Trigg	14,776	10,000-14,999	7.58
Fleming	14,603	10,000-14,999	5.06
Pendleton	14,586	10,000-14,999	2.01
Knott	14,512	10,000-14,999	3.85
Union	14,443	10,000-14,999	3.16
Larue	14,431	10,000-14,999	3.25
Estill	14,109	10,000-14,999	4.84
Jackson	13,340	10,000-14,999	3.78

Table 14 Continued.

County	Population	Population Category	Annual Average Alcohol Convictions Per 1,000 Licensed Drivers
Lewis	13,262	10,000-14,999	4.14
Morgan	13,142	10,000-14,999	4.14
Webster	12,923	10,000-14,999	2.17
Butler	12,703	10,000-14,999	2.84
Caldwell	12,687	10,000-14,999	4.25
Breathitt	12,550	10,000-14,999	8.01
Bath	12,481	10,000-14,999	2.54
Todd	12,448	10,000-14,999	5.15
Edmonson	12,235	10,000-14,999	4.15
Powell	12,218	10,000-14,999	8.89
Washington	12,147	10,000-14,999	2.19
Magoffin	12,017	10,000-14,999	1.86
Martin	11,031	10,000-14,999	6.01
Owen	11,017	10,000-14,999	1.47
Green	10,995	10,000-14,999	2.30
Carroll	10,730	10,000-14,999	6.05
Monroe	10,549	10,000-14,999	6.02
Clinton	10,110	10,000-14,999	3.04
Metcalfe	10,058	10,000-14,999	4.72
Leslie	9,637	Under 10,000	2.60
McLean	9,075	Under 10,000	4.87
Livingston	9,041	Under 10,000	3.22
Crittenden	8,847	Under 10,000	5.75
Gallatin	8,779	Under 10,000	3.37
Hancock	8,742	Under 10,000	1.67
Trimble	8,481	Under 10,000	2.58
Bracken	8,286	Under 10,000	2.16
Lyon	8,133	Under 10,000	10.66
Ballard	7,769	Under 10,000	4.74
Elliott	7,372	Under 10,000	1.84
Lee	7,268	Under 10,000	5.62
Nicholas	7,234	Under 10,000	6.37
Wolfe	7,106	Under 10,000	7.15
Cumberland	6,523	Under 10,000	7.93
Menifee	6,502	Under 10,000	2.82
Fulton	5,952	Under 10,000	14.59
Carlisle	4,692	Under 10,000	2.15
Hickman	4,364	Under 10,000	5.88
Owsley	4,331	Under 10,000	3.21
Robertson	2,136	Under 10,000	1.87

**Table 15: DUI Conviction Rates
by County and Population (5-Year)**

County	Total DUI Arrests	Total DUI Convictions	5 Year Alcohol Conviction Percentage	Alcohol Conviction Percentage by Year (Convicted Divided by Filed Excluding Pending)				
				2016	2017	2018	2019	2020
Adair	766	348	69.3	0.77	0.71	0.64	0.67	0.69
Allen	515	225	82.4	0.86	0.59	0.67	0.78	0.54
Anderson	802	378	80.4	0.83	0.84	0.78	0.72	0.61
Ballard	319	139	64.4	0.74	0.61	0.75	0.59	0.59
Barren	1,573	618	71.0	0.69	0.66	0.72	0.72	0.59
Bath	269	107	76.4	0.76	0.73	0.65	0.77	0.57
Bell	1,386	384	57.9	0.58	0.50	0.67	0.59	0.45
Boone	2,780	1,609	82.9	0.87	0.82	0.87	0.81	0.75
Bourbon	746	428	83.9	0.88	0.86	0.92	0.83	0.69
Boyd	1,793	1,076	78.4	0.83	0.75	0.77	0.78	0.76
Boyle	782	387	83.0	0.86	0.86	0.86	0.81	0.74
Bracken	105	67	84.8	0.96	0.92	0.80	0.86	0.74
Breathitt	683	358	83.6	0.88	0.71	0.82	0.78	0.62
Breckinridge	281	156	74.3	0.97	0.66	0.82	0.77	0.60
Bullitt	1,101	378	69.1	0.75	0.71	0.73	0.69	0.32
Butler	236	125	73.1	0.73	0.68	0.67	0.82	0.81
Caldwell	328	196	77.8	0.79	0.79	0.78	0.80	0.73
Calloway	1,119	714	81.1	0.75	0.84	0.82	0.83	0.80
Campbell	2,212	1,493	83.9	0.85	0.84	0.88	0.84	0.77
Carlisle	88	40	67.8	0.77	0.67	1.00	0.55	0.67
Carroll	567	212	63.7	0.63	0.61	0.56	0.71	0.60
Carter	954	355	67.4	0.68	0.72	0.64	0.62	0.42
Casey	483	252	71.8	0.70	0.73	0.63	0.72	0.75
Christian	1,606	844	77.1	0.80	0.74	0.78	0.79	0.76
Clark	1,051	487	81.4	0.87	0.87	0.79	0.79	0.62
Clay	985	473	66.3	0.68	0.66	0.66	0.68	0.60
Clinton	261	103	86.6	0.85	0.69	0.75	0.83	0.76
Crittenden	151	101	82.8	0.78	0.90	0.86	0.78	0.75
Cumberland	416	189	75.9	0.90	0.82	0.79	0.67	0.63
Daviess	2,652	975	68.8	0.73	0.72	0.65	0.69	0.57
Edmonson	202	96	68.1	0.71	0.76	0.70	0.61	0.52
Elliott	122	40	62.5	0.63	0.41	0.67	0.46	0.13
Estill	469	241	74.4	0.73	0.79	0.72	0.73	0.61
Fayette	5,895	3,538	87.4	0.89	0.87	0.88	0.84	0.88
Fleming	471	196	72.3	0.75	0.66	0.73	0.52	0.43
Floyd	1,582	811	75.7	0.82	0.75	0.74	0.76	0.65
Franklin	1,902	956	78.2	0.81	0.77	0.82	0.82	0.68
Fulton	516	291	71.9	0.68	0.68	0.75	0.76	0.93
Gallatin	427	172	63.5	0.73	0.63	0.66	0.56	0.57
Garrard	403	252	79.5	0.82	0.84	0.78	0.86	0.58

Table 15 Continued.

County	Total DUI Arrests	Total DUI Convictions	5 Year Alcohol Conviction Percentage	Alcohol Conviction Percentage by Year (Convicted Divided by Filed Excluding Pending)				
				2016	2017	2018	2019	2020
Grant	528	251	67.8	0.71	0.66	0.64	0.64	0.60
Graves	1,298	602	70.7	0.75	0.76	0.61	0.71	0.62
Grayson	993	462	72.6	0.85	0.79	0.71	0.70	0.50
Green	148	58	73.4	1.00	0.65	0.73	0.75	0.67
Greenup	1,011	603	84.6	0.81	0.84	0.86	0.86	0.64
Hancock	97	54	79.4	0.76	0.82	0.70	0.77	0.80
Hardin	3,379	1,695	70.9	0.75	0.74	0.70	0.71	0.65
Harlan	1,376	385	76.4	0.82	0.76	0.72	0.65	0.57
Harrison	353	171	81.8	0.87	0.83	0.91	0.80	0.65
Hart	592	232	66.5	0.74	0.55	0.73	0.66	0.55
Henderson	1,413	695	78.8	0.79	0.85	0.82	0.73	0.73
Henry	577	280	73.5	0.79	0.73	0.69	0.68	0.70
Hickman	107	51	65.4	0.48	0.77	0.77	0.75	0.56
Hopkins	1,699	930	76.0	0.82	0.76	0.80	0.76	0.65
Jackson	300	171	77.0	0.86	0.79	0.77	0.71	0.68
Jefferson	7,895	2,879	80.4	0.82	0.85	0.86	0.86	0.60
Jessamine	1,578	875	86.0	0.89	0.78	0.81	0.77	0.61
Johnson	709	353	73.5	0.72	0.79	0.71	0.68	0.79
Kenton	4,188	2,514	80.6	0.86	0.81	0.84	0.79	0.75
Knott	655	374	79.1	0.83	0.78	0.82	0.80	0.66
Knox	1,615	856	79.3	0.78	0.71	0.81	0.75	0.72
Larue	372	165	67.3	0.67	0.54	0.63	0.67	0.64
Laurel	3,148	2,272	89.0	0.90	0.86	0.88	0.88	0.86
Lawrence	381	182	75.8	0.91	0.66	0.72	0.60	0.54
Lee	263	123	86.6	0.93	0.83	0.79	0.74	0.69
Leslie	253	95	59.7	0.60	0.57	0.67	0.50	0.56
Letcher	554	274	72.3	0.87	0.76	0.62	0.73	0.48
Lewis	324	193	85.4	0.83	0.73	0.90	0.93	0.88
Lincoln	554	308	79.4	0.84	0.82	0.75	0.84	0.70
Livingston	216	113	72.9	0.90	0.70	0.57	0.74	0.63
Logan	733	444	77.4	0.82	0.70	0.73	0.82	0.77
Lyon	559	305	76.1	0.79	0.72	0.78	0.71	0.67
McCracken	2,395	1,435	75.7	0.81	0.77	0.73	0.72	0.64
McCreary	838	481	77.7	0.86	0.70	0.75	0.77	0.62
McLean	291	166	86.5	0.83	0.82	0.89	0.89	0.92
Madison	2,273	1,170	79.3	0.75	0.74	0.78	0.79	0.65
Magoffin	687	382	86.4	0.84	0.73	0.86	0.88	0.68
Marion	560	238	66.9	0.64	0.77	0.67	0.69	0.61
Marshall	1,035	584	73.8	0.81	0.75	0.71	0.66	0.76
Martin	420	207	79.3	0.88	0.68	0.74	0.63	0.71

Table 15 Continued.

County	Total DUI Arrests	Total DUI Convictions	5 Year Alcohol Conviction Percentage	Alcohol Conviction Percentage by Year (Convicted Divided by Filed Excluding Pending)				
				2016	2017	2018	2019	2020
Mason	591	348	82.7	0.82	0.85	0.80	0.83	0.86
Meade	353	223	83.2	0.88	0.78	0.85	0.81	0.76
Menifee	121	65	85.5	0.82	0.73	0.80	0.89	0.86
Mercer	461	271	81.4	0.84	0.83	0.83	0.72	0.55
Metcalfe	310	171	78.1	0.87	0.86	0.74	0.80	0.71
Monroe	488	229	79.0	0.81	0.75	0.65	0.72	0.54
Montgomery	635	337	77.8	0.80	0.82	0.85	0.77	0.61
Morgan	347	167	70.2	0.80	0.54	0.73	0.80	0.55
Muhlenberg	1,046	485	84.9	0.79	0.87	0.90	0.87	0.86
Nelson	926	525	80.8	0.82	0.79	0.77	0.85	0.77
Nicholas	312	162	80.2	0.83	0.70	0.74	0.71	0.65
Ohio	938	453	72.0	0.79	0.64	0.75	0.68	0.71
Oldham	898	503	87.2	0.91	0.90	0.89	0.80	0.81
Owen	219	90	63.8	0.74	0.62	0.75	0.57	0.35
Owsley	172	89	79.5	0.84	0.87	0.65	0.89	0.45
Pendleton	247	105	74.5	0.76	0.96	0.68	0.79	0.50
Perry	1,027	366	72.3	0.71	0.52	0.63	0.66	0.52
Pike	2,086	380	54.8	0.66	0.42	0.40	0.32	0.18
Powell	512	228	73.8	0.87	0.77	0.76	0.66	0.46
Pulaski	2,162	1,168	80.9	0.77	0.74	0.76	0.83	0.65
Robertson	32	15	78.9	1.00	0.67	1.00	0.83	0.20
Rockcastle	743	238	60.7	0.59	0.57	0.64	0.52	0.17
Rowan	806	505	85.6	0.89	0.83	0.91	0.87	0.70
Russell	577	278	80.8	0.84	0.86	0.80	0.77	0.67
Scott	1,394	767	82.9	0.84	0.74	0.82	0.81	0.72
Shelby	1,696	840	81.9	0.86	0.80	0.81	0.78	0.59
Simpson	663	351	85.4	0.92	0.84	0.89	0.75	0.72
Spencer	603	254	76.3	0.80	0.72	0.75	0.67	0.50
Taylor	668	325	70.8	0.77	0.77	0.68	0.73	0.61
Todd	289	161	74.5	0.83	0.68	0.76	0.63	0.69
Trigg	470	255	76.1	0.81	0.76	0.78	0.75	0.64
Trimble	194	81	75.7	0.81	0.71	0.80	0.60	0.74
Union	286	163	76.9	0.63	0.88	0.80	0.78	0.88
Warren	4,028	1,680	72.6	0.63	0.63	0.66	0.65	0.45
Washington	183	78	72.2	0.65	0.66	0.86	0.74	0.33
Wayne	505	192	75.9	0.85	0.71	0.73	0.82	0.64
Webster	217	99	71.7	0.64	0.48	0.67	0.70	0.73
Whitley	1,627	870	75.5	0.81	0.80	0.75	0.67	0.66
Wolfe	300	171	85.5	0.88	0.84	0.94	0.74	0.82
Woodford	817	505	88.9	0.86	0.81	0.87	0.85	0.81

**Table 16: Summary of Reckless Driving Convictions
by County (5-Year)**

County	Number of Crashes by Year					5-Year Total	5-Year Average Convictions Per 1,000 Licensed Drivers
	2016	2017	2018	2019	2020		
ADAIR	13	13	14	20	10	70	1.15
ALLEN	1	11	14	14	8	48	0.71
ANDERSON	28	31	24	17	20	120	1.46
BALLARD	13	5	8	9	3	38	1.35
BARREN	50	39	17	11	10	127	0.87
BATH	1	3	9	4	6	23	0.57
BELL	4	9	9	3	1	26	0.34
BOONE	36	39	49	23	20	167	0.37
BOURBON	13	6	9	9	12	49	0.73
BOYD	15	28	23	16	15	97	0.63
BOYLE	38	16	12	16	8	90	0.93
BRACKEN	6	7	5	0	3	21	0.70
BREATHITT	8	4	5	4	2	23	0.54
BRECKINRIDGE	2	9	5	12	4	32	0.46
BULLITT	35	30	36	37	15	153	0.53
BUTLER	4	3	3	2	0	12	0.28
CALDWELL	19	28	14	5	13	79	1.77
CALLOWAY	18	16	8	11	5	58	0.50
CAMPBELL	23	28	16	11	10	88	0.29
CARLISLE	1	2	0	2	0	5	0.28
CARROLL	5	6	8	2	4	25	0.75
CARTER	15	19	8	9	1	52	0.57
CASEY	10	3	10	6	15	44	0.85
CHRISTIAN	37	45	42	39	22	185	0.96
CLARK	9	9	9	10	8	45	0.37
CLAY	12	9	10	6	1	38	0.65
CLINTON	5	7	3	2	2	19	0.58
CRITTENDEN	3	7	6	5	1	22	0.77
CUMBERLAND	11	15	8	11	8	53	2.30
DAVIESS	47	63	66	46	17	239	0.70
EDMONSON	3	6	7	0	2	18	0.43
ELLIOTT	6	2	1	2	1	12	0.57
ESTILL	1	1	1	2	2	7	0.15
FAYETTE	89	95	88	90	43	405	0.43
FLEMING	9	19	10	17	1	56	1.14
FLOYD	24	29	28	22	10	113	0.96
FRANKLIN	54	47	47	33	27	208	1.23
FULTON	7	6	7	4	0	24	1.27
GALLATIN	14	20	8	10	1	53	1.82
GARRARD	12	7	12	14	7	52	0.88

Table 16 Continued.

County	Number of Crashes by Year					5-Year Total	5-Year Average Convictions Per 1,000 Licensed Drivers
	2016	2017	2018	2019	2020		
GRANT	9	7	13	11	3	43	0.52
GRAVES	51	32	26	20	14	143	1.16
GRAYSON	33	46	19	13	11	122	1.35
GREEN	3	4	5	3	0	15	0.39
GREENUP	18	9	12	8	1	48	0.38
HANCOCK	8	2	7	6	1	24	0.76
HARDIN	74	72	77	37	38	298	0.83
HARLAN	14	14	11	6	5	50	0.59
HARRISON	9	6	8	6	4	33	0.52
HART	9	19	14	4	12	58	0.98
HENDERSON	56	38	16	22	12	144	0.95
HENRY	13	15	9	7	4	48	0.86
HICKMAN	2	1	2	1	0	6	0.39
HOPKINS	28	29	27	28	18	130	0.85
JACKSON	6	9	4	4	2	25	0.57
JEFFERSON	254	364	238	138	40	1,034	0.42
JESSAMINE	29	16	12	12	5	74	0.43
JOHNSON	11	19	16	11	3	60	0.81
KENTON	69	70	72	58	34	303	0.56
KNOTT	2	1	3	1	0	7	0.15
KNOX	12	6	8	5	3	34	0.34
LARUE	7	14	12	5	6	44	0.86
LAUREL	22	14	15	12	9	72	0.36
LAWRENCE	14	7	5	5	3	34	0.67
LEE	2	3	8	7	1	21	1.00
LESLIE	3	1	4	1	2	11	0.32
LETCHER	1	5	6	1	0	13	0.18
LEWIS	3	4	3	2	0	12	0.27
LINCOLN	12	22	8	7	3	52	0.63
LIVINGSTON	13	6	6	7	7	39	1.15
LOGAN	26	29	27	23	15	120	1.30
LYON	52	64	21	10	12	159	5.77
MCCRACKEN	34	35	15	20	14	118	0.51
MCCREARY	8	10	8	14	2	42	0.85
MCLEAN	4	4	2	4	3	17	0.52
MADISON	30	15	25	10	2	82	0.28
MAGOFFIN	1	8	5	1	2	17	0.41
MARION	22	20	18	11	4	75	1.19
MARSHALL	17	10	10	5	8	50	0.43
MARTIN	9	5	2	2	0	18	0.55

Table 16 Continued.

County	Number of Crashes by Year					5-Year Total	5-Year Average Convictions Per 1,000 Licensed Drivers
	2016	2017	2018	2019	2020		
MASON	16	5	18	9	6	54	0.94
MEADE	33	25	14	6	3	81	0.84
MENIFEE	3	3	1	2	0	9	0.40
MERCER	14	11	13	8	7	53	0.67
METCALFE	3	6	8	4	5	26	0.74
MONROE	1	4	1	5	3	14	0.38
MONTGOMERY	14	15	7	6	6	48	0.52
MORGAN	3	2	1	2	6	14	0.36
MUHLENBERG	38	33	20	24	24	139	1.31
NELSON	38	36	18	14	11	117	0.72
NICHOLAS	7	7	3	6	3	26	1.06
OHIO	4	5	4	10	26	49	0.62
OLDHAM	8	7	8	6	5	34	0.15
OWEN	2	2	2	2	2	10	0.26
OWSLEY	4	5	5	1	2	17	1.17
PENDLETON	8	10	9	4	3	34	0.67
PERRY	27	27	25	16	10	105	1.22
PIKE	19	25	14	13	8	79	0.42
POWELL	9	5	1	2	1	18	0.43
PULASKI	22	20	20	13	13	88	0.40
ROBERTSON	1	1	0	0	1	3	0.39
ROCKCASTLE	10	7	6	9	2	34	0.62
ROWAN	19	18	11	14	5	67	0.91
RUSSELL	8	10	4	5	3	30	0.49
SCOTT	30	24	16	14	7	91	0.49
SHELBY	34	21	32	18	11	116	0.76
SIMPSON	28	19	44	54	26	171	2.63
SPENCER	9	5	8	4	3	29	0.41
TAYLOR	18	14	13	15	7	67	0.78
TODD	17	10	18	2	1	48	1.29
TRIGG	37	27	19	8	8	99	2.03
TRIMBLE	4	1	1	0	1	7	0.23
UNION	19	13	7	8	3	50	1.04
WARREN	80	60	65	48	25	278	0.71
WASHINGTON	9	12	11	7	6	45	1.10
WAYNE	15	9	11	9	4	48	0.75
WEBSTER	14	10	7	6	4	41	0.93
WHITLEY	32	20	25	15	11	103	0.90
WOLFE	3	0	1	2	3	9	0.39
WOODFORD	10	14	13	6	3	46	0.50
TOTAL	2361	2,345	1,962	1,501	919	9,088	0.78

**Table 17: Percent of Crashes Involving Drugs
by County for All Roads (5-Year)**

County	Population	Population Category	Number of Crashes	Percent of Total Crashes
Jefferson	767,452	Over 50,000	956	0.67%
Fayette	324,735	Over 50,000	613	0.92%
Kenton	167,949	Over 50,000	530	1.83%
Boone	135,396	Over 50,000	219	0.90%
Warren	134,510	Over 50,000	207	0.89%
Hardin	111,309	Over 50,000	154	1.07%
Daviess	101,978	Over 50,000	202	1.15%
Madison	94,265	Over 50,000	208	1.64%
Campbell	94,020	Over 50,000	244	1.63%
Bullitt	82,182	Over 50,000	103	1.03%
Christian	71,478	Over 50,000	88	0.94%
Oldham	66,999	Over 50,000	46	0.79%
McCracken	65,644	Over 50,000	147	1.21%
Pulaski	65,530	Over 50,000	99	1.14%
Laurel	61,238	Over 50,000	162	1.76%
Scott	58,470	Over 50,000	82	1.02%
Pike	57,057	Over 50,000	320	5.07%
Jessamine	54,057	Over 50,000	147	1.88%
Franklin	51,118	Over 50,000	142	1.93%
Shelby	49,611	25,000-50,000	87	1.31%
Boyd	46,516	25,000-50,000	142	2.04%
Nelson	46,450	25,000-50,000	53	0.96%
Henderson	44,740	25,000-50,000	76	1.01%
Hopkins	44,662	25,000-50,000	74	1.13%
Barren	44,300	25,000-50,000	79	1.18%
Calloway	39,300	25,000-50,000	60	1.21%
Graves	36,818	25,000-50,000	85	1.81%
Clark	36,463	25,000-50,000	86	1.50%
Whitley	36,451	25,000-50,000	113	2.28%
Floyd	34,974	25,000-50,000	173	4.85%
Greenup	34,865	25,000-50,000	57	1.87%
Marshall	31,163	25,000-50,000	78	1.94%
Knox	31,022	25,000-50,000	98	3.22%
Muhlenberg	30,457	25,000-50,000	68	1.70%
Boyle	30,367	25,000-50,000	51	1.31%
Meade	28,616	25,000-50,000	22	0.99%
Montgomery	28,186	25,000-50,000	80	2.05%
Logan	27,416	25,000-50,000	23	0.78%
Woodford	26,765	25,000-50,000	39	0.91%
Carter	26,542	25,000-50,000	53	1.82%

Table 17 Continued.

County	Population	Population Category	Number of Crashes	Percent of Total Crashes
Grayson	26,480	25,000-50,000	51	1.63%
Taylor	25,707	25,000-50,000	31	0.89%
Harlan	25,566	25,000-50,000	88	4.22%
Bell	25,482	25,000-50,000	76	2.59%
Perry	25,456	25,000-50,000	117	3.48%
Grant	25,387	25,000-50,000	47	1.16%
Rowan	24,682	15,000-24,999	62	1.70%
Lincoln	24,466	15,000-24,999	37	1.93%
Ohio	23,899	15,000-24,999	55	1.69%
Anderson	22,833	15,000-24,999	50	2.11%
Johnson	22,002	15,000-24,999	60	2.98%
Mercer	21,889	15,000-24,999	27	1.28%
Allen	21,303	15,000-24,999	24	1.09%
Letcher	21,213	15,000-24,999	58	3.63%
Breckinridge	20,537	15,000-24,999	14	1.12%
Wayne	20,209	15,000-24,999	13	0.77%
Bourbon	19,901	15,000-24,999	40	1.34%
Clay	19,631	15,000-24,999	79	4.92%
Spencer	19,585	15,000-24,999	31	2.30%
Adair	19,555	15,000-24,999	34	2.74%
Marion	19,314	15,000-24,999	30	1.34%
Hart	19,013	15,000-24,999	30	1.06%
Harrison	18,920	15,000-24,999	25	1.04%
Simpson	18,635	15,000-24,999	32	1.09%
Russell	17,998	15,000-24,999	20	1.20%
Garrard	17,719	15,000-24,999	23	1.23%
McCreary	17,071	15,000-24,999	38	3.46%
Mason	17,035	15,000-24,999	52	1.87%
Rockcastle	16,750	15,000-24,999	43	1.62%
Henry	16,067	15,000-24,999	21	1.08%
Casey	16,066	15,000-24,999	25	2.62%
Lawrence	15,436	15,000-24,999	16	1.56%
Trigg	14,776	10,000-14,999	28	1.66%
Fleming	14,603	10,000-14,999	26	2.28%
Pendleton	14,586	10,000-14,999	27	1.73%
Knott	14,512	10,000-14,999	47	4.52%
Union	14,443	10,000-14,999	11	0.78%
Larue	14,431	10,000-14,999	26	1.67%
Estill	14,109	10,000-14,999	42	4.42%
Jackson	13,340	10,000-14,999	22	2.45%

Table 17 Continued.

County	Population	Population Category	Number of Crashes	Percent of Total Crashes
Lewis	13,262	10,000-14,999	20	2.57%
Morgan	13,142	10,000-14,999	19	2.13%
Webster	12,923	10,000-14,999	16	1.39%
Butler	12,703	10,000-14,999	12	0.97%
Caldwell	12,687	10,000-14,999	24	1.39%
Breathitt	12,550	10,000-14,999	45	4.04%
Bath	12,481	10,000-14,999	13	1.19%
Todd	12,448	10,000-14,999	15	1.37%
Edmonson	12,235	10,000-14,999	12	1.45%
Powell	12,218	10,000-14,999	27	2.08%
Washington	12,147	10,000-14,999	13	1.01%
Magoffin	12,017	10,000-14,999	37	4.81%
Martin	11,031	10,000-14,999	23	3.68%
Owen	11,017	10,000-14,999	22	2.15%
Green	10,995	10,000-14,999	8	0.97%
Carroll	10,730	10,000-14,999	33	1.73%
Monroe	10,549	10,000-14,999	13	1.66%
Clinton	10,110	10,000-14,999	17	1.67%
Metcalfe	10,058	10,000-14,999	26	2.00%
Leslie	9,637	Under 10,000	19	5.86%
McLean	9,075	Under 10,000	25	2.19%
Livingston	9,041	Under 10,000	16	1.88%
Crittenden	8,847	Under 10,000	21	2.56%
Gallatin	8,779	Under 10,000	19	1.41%
Hancock	8,742	Under 10,000	5	0.77%
Trimble	8,481	Under 10,000	14	1.77%
Bracken	8,286	Under 10,000	10	1.09%
Lyon	8,133	Under 10,000	31	2.37%
Ballard	7,769	Under 10,000	11	1.40%
Elliott	7,372	Under 10,000	10	3.45%
Lee	7,268	Under 10,000	12	3.64%
Nicholas	7,234	Under 10,000	16	2.27%
Wolfe	7,106	Under 10,000	11	1.63%
Cumberland	6,523	Under 10,000	11	2.01%
Menifee	6,502	Under 10,000	6	1.41%
Fulton	5,952	Under 10,000	7	1.38%
Carlisle	4,692	Under 10,000	10	3.48%
Hickman	4,364	Under 10,000	4	1.17%
Owsley	4,331	Under 10,000	5	2.02%
Robertson	2,136	Under 10,000	6	2.87%

**Table 18: Percent of Crashes Involving Unsafe Speed
by County for All Roads (5-Year)**

County	Population	Population Category	Number of Crashes	Percent of Total Crashes
Jefferson	767,452	Over 50,000	4838	3.40%
Fayette	324,735	Over 50,000	4283	6.46%
Kenton	167,949	Over 50,000	1574	5.45%
Boone	135,396	Over 50,000	1265	5.17%
Warren	134,510	Over 50,000	983	4.22%
Hardin	111,309	Over 50,000	681	4.75%
Daviess	101,978	Over 50,000	602	3.42%
Madison	94,265	Over 50,000	856	6.77%
Campbell	94,020	Over 50,000	569	3.79%
Bullitt	82,182	Over 50,000	322	3.23%
Christian	71,478	Over 50,000	466	4.98%
Oldham	66,999	Over 50,000	270	4.64%
McCracken	65,644	Over 50,000	667	5.51%
Pulaski	65,530	Over 50,000	443	5.10%
Laurel	61,238	Over 50,000	355	3.86%
Scott	58,470	Over 50,000	415	5.18%
Pike	57,057	Over 50,000	334	5.29%
Jessamine	54,057	Over 50,000	427	5.46%
Franklin	51,118	Over 50,000	324	4.39%
Shelby	49,611	25,000-50,000	259	3.89%
Boyd	46,516	25,000-50,000	226	3.25%
Nelson	46,450	25,000-50,000	169	3.06%
Henderson	44,740	25,000-50,000	243	3.21%
Hopkins	44,662	25,000-50,000	298	4.56%
Barren	44,300	25,000-50,000	232	3.46%
Calloway	39,300	25,000-50,000	163	3.28%
Graves	36,818	25,000-50,000	232	4.95%
Clark	36,463	25,000-50,000	210	3.66%
Whitley	36,451	25,000-50,000	279	5.62%
Floyd	34,974	25,000-50,000	115	3.22%
Greenup	34,865	25,000-50,000	59	1.94%
Marshall	31,163	25,000-50,000	213	5.30%
Knox	31,022	25,000-50,000	140	4.60%
Muhlenberg	30,457	25,000-50,000	141	3.53%
Boyle	30,367	25,000-50,000	212	5.44%
Meade	28,616	25,000-50,000	88	3.96%
Montgomery	28,186	25,000-50,000	166	4.25%
Logan	27,416	25,000-50,000	162	5.52%
Woodford	26,765	25,000-50,000	243	5.65%
Carter	26,542	25,000-50,000	190	6.54%

Table 18 Continued.

County	Population	Population Category	Number of Crashes	Percent of Total Crashes
Grayson	26,480	25,000-50,000	154	4.91%
Taylor	25,707	25,000-50,000	116	3.32%
Harlan	25,566	25,000-50,000	71	3.41%
Bell	25,482	25,000-50,000	133	4.53%
Perry	25,456	25,000-50,000	66	1.96%
Grant	25,387	25,000-50,000	199	4.90%
Rowan	24,682	15,000-24,999	169	4.64%
Lincoln	24,466	15,000-24,999	47	2.46%
Ohio	23,899	15,000-24,999	147	4.52%
Anderson	22,833	15,000-24,999	81	3.42%
Johnson	22,002	15,000-24,999	58	2.88%
Mercer	21,889	15,000-24,999	95	4.50%
Allen	21,303	15,000-24,999	77	3.49%
Letcher	21,213	15,000-24,999	83	5.19%
Breckinridge	20,537	15,000-24,999	77	6.15%
Wayne	20,209	15,000-24,999	108	6.40%
Bourbon	19,901	15,000-24,999	165	5.51%
Clay	19,631	15,000-24,999	66	4.11%
Spencer	19,585	15,000-24,999	80	5.93%
Adair	19,555	15,000-24,999	37	2.98%
Marion	19,314	15,000-24,999	49	2.19%
Hart	19,013	15,000-24,999	203	7.21%
Harrison	18,920	15,000-24,999	117	4.86%
Simpson	18,635	15,000-24,999	192	6.55%
Russell	17,998	15,000-24,999	33	1.98%
Garrard	17,719	15,000-24,999	86	4.60%
McCreary	17,071	15,000-24,999	65	5.93%
Mason	17,035	15,000-24,999	129	4.63%
Rockcastle	16,750	15,000-24,999	198	7.44%
Henry	16,067	15,000-24,999	84	4.30%
Casey	16,066	15,000-24,999	13	1.36%
Lawrence	15,436	15,000-24,999	22	2.14%
Trigg	14,776	10,000-14,999	114	6.74%
Fleming	14,603	10,000-14,999	31	2.72%
Pendleton	14,586	10,000-14,999	99	6.36%
Knott	14,512	10,000-14,999	28	2.69%
Union	14,443	10,000-14,999	105	7.41%
Larue	14,431	10,000-14,999	110	7.05%
Estill	14,109	10,000-14,999	40	4.21%
Jackson	13,340	10,000-14,999	47	5.23%

Table 18 Continued.

County	Population	Population Category	Number of Crashes	Percent of Total Crashes
Lewis	13,262	10,000-14,999	42	5.39%
Morgan	13,142	10,000-14,999	43	4.83%
Webster	12,923	10,000-14,999	42	3.65%
Butler	12,703	10,000-14,999	110	8.89%
Caldwell	12,687	10,000-14,999	84	4.88%
Breathitt	12,550	10,000-14,999	45	4.04%
Bath	12,481	10,000-14,999	58	5.31%
Todd	12,448	10,000-14,999	73	6.66%
Edmonson	12,235	10,000-14,999	65	7.85%
Powell	12,218	10,000-14,999	32	2.46%
Washington	12,147	10,000-14,999	66	5.15%
Magoffin	12,017	10,000-14,999	44	5.71%
Martin	11,031	10,000-14,999	23	3.68%
Owen	11,017	10,000-14,999	46	4.49%
Green	10,995	10,000-14,999	25	3.03%
Carroll	10,730	10,000-14,999	75	3.94%
Monroe	10,549	10,000-14,999	29	3.70%
Clinton	10,110	10,000-14,999	29	2.85%
Metcalfe	10,058	10,000-14,999	87	6.69%
Leslie	9,637	Under 10,000	10	3.09%
McLean	9,075	Under 10,000	58	5.08%
Livingston	9,041	Under 10,000	51	6.00%
Crittenden	8,847	Under 10,000	49	5.98%
Gallatin	8,779	Under 10,000	53	3.92%
Hancock	8,742	Under 10,000	32	4.94%
Trimble	8,481	Under 10,000	36	4.55%
Bracken	8,286	Under 10,000	96	10.43%
Lyon	8,133	Under 10,000	74	5.67%
Ballard	7,769	Under 10,000	32	4.07%
Elliott	7,372	Under 10,000	14	4.83%
Lee	7,268	Under 10,000	16	4.85%
Nicholas	7,234	Under 10,000	39	5.54%
Wolfe	7,106	Under 10,000	37	5.50%
Cumberland	6,523	Under 10,000	5	0.91%
Menifee	6,502	Under 10,000	12	2.82%
Fulton	5,952	Under 10,000	13	2.57%
Carlisle	4,692	Under 10,000	16	5.57%
Hickman	4,364	Under 10,000	18	5.26%
Owsley	4,331	Under 10,000	12	4.84%
Robertson	2,136	Under 10,000	16	7.66%

**Table 19: Summary of Speeding Convictions
by County (5-Year)**

County	Number of Crashes by Year					Total Speeding Convictions (5 Years)	Annual Average Speeding Convictions Per 1,000 Licensed Drivers	Speeding Convictions Per 1,000 Licensed Drivers
	2016	2017	2018	2019	2020			
ADAIR	243	245	177	283	159	1,107	88.8	29.9
ALLEN	113	71	129	79	69	461	33.7	6.0
ANDERSON	507	638	366	297	265	2,073	123.0	25.6
BALLARD	36	69	43	60	22	230	39.2	7.2
BARREN	438	521	397	246	185	1,787	59.6	7.7
BATH	83	69	120	95	72	439	52.1	7.6
BELL	578	540	445	399	265	2,227	137.0	16.7
BOONE	1,332	1,515	1,251	882	748	5,728	61.6	4.5
BOURBON	442	319	541	461	405	2,168	154.8	13.1
BOYD	1,166	978	992	636	302	4,074	125.2	18.0
BOYLE	49	84	110	58	24	325	16.3	1.5
BRACKEN	305	193	310	485	98	1,391	224.1	14.5
BREATHITT	172	35	64	35	49	355	39.7	7.9
BRECKINRIDGE	97	154	68	153	43	515	36.3	6.7
BULLITT	439	639	541	885	316	2,820	47.7	8.8
BUTLER	74	42	89	140	94	439	49.8	4.0
CALDWELL	410	404	202	109	92	1,217	132.0	14.5
CALLOWAY	249	174	163	100	96	782	32.2	4.8
CAMPBELL	1,476	1,313	973	644	314	4,720	74.1	8.3
CARLISLE	35	18	20	25	16	114	30.6	7.1
CARROLL	209	214	171	184	97	875	124.3	11.7
CARTER	324	180	390	312	155	1,361	72.5	7.2
CASEY	49	98	34	147	139	467	44.1	35.9
CHRISTIAN	645	587	418	431	294	2,375	59.4	5.1
CLARK	116	106	168	166	93	649	25.5	3.1
CLAY	252	239	288	212	74	1,065	86.3	16.1
CLINTON	37	28	24	25	14	128	18.9	4.4
CRITTENDEN	165	87	116	66	64	498	83.0	10.2
CUMBERLAND	91	120	96	53	38	398	83.5	79.6
DAVISS	1,343	1,161	1,273	1,207	795	5,779	82.2	9.6
EDMONSON	71	47	21	22	3	164	18.7	2.5
ELLIOTT	18	22	22	29	31	122	28.0	8.7
ESTILL	46	38	54	104	46	288	28.9	7.2
FAYETTE	4,121	5,278	5,575	5,294	2,599	22,867	116.1	5.3
FLEMING	230	157	91	77	30	585	57.5	18.9
FLOYD	240	124	100	103	101	668	26.8	5.8
FRANKLIN	1,336	1,103	1,566	1,468	725	6,198	176.6	19.1
FULTON	73	59	27	13	12	184	46.1	14.2
GALLATIN	725	419	629	523	457	2,753	460.3	51.9
GARRARD	105	118	441	410	205	1,279	106.1	14.9

Table 19 Continued.

County	Number of Crashes by Year					Total Speeding Convictions (5 Years)	Annual Average Speeding Convictions Per 1,000 Licensed Drivers	Speeding Convictions Per 1,000 Licensed Drivers
	2016	2017	2018	2019	2020			
GRANT	549	495	677	407	179	2,307	134.3	11.6
GRAVES	291	333	252	289	227	1,392	54.4	6.0
GRAYSON	393	387	377	285	186	1,628	88.4	10.6
GREEN	52	34	37	17	28	168	21.3	6.7
GREENUP	98	82	125	175	136	616	23.4	10.4
HANCOCK	80	68	181	106	58	493	76.0	15.4
HARDIN	1,808	1,878	1,964	1,563	895	8,108	109.4	11.9
HARLAN	203	217	169	325	160	1,074	59.6	15.1
HARRISON	132	118	73	68	53	444	34.3	3.8
HART	139	129	172	204	142	786	64.6	3.9
HENDERSON	1,181	1,450	801	445	374	4,251	133.1	17.5
HENRY	854	637	431	421	275	2,618	226.8	31.2
HICKMAN	40	23	18	38	20	139	43.8	7.7
HOPKINS	711	722	604	742	464	3,243	101.6	10.9
JACKSON	47	88	35	88	109	367	40.6	7.8
JEFFERSON	4,047	3,546	4,454	3,162	550	15,759	30.6	3.3
JESSAMINE	686	808	929	605	272	3,300	92.9	7.7
JOHNSON	104	55	105	191	70	525	33.7	9.1
KENTON	1,194	1,074	1,595	1,353	755	5,971	53.4	3.8
KNOTT	12	5	46	20	20	103	10.4	3.7
KNOX	185	221	285	223	108	1,022	49.3	7.3
LARUE	276	270	379	310	123	1,358	130.2	12.3
LAUREL	881	711	765	748	516	3,621	87.0	10.2
LAWRENCE	112	151	270	145	52	730	68.6	33.2
LEE	12	13	13	82	50	170	38.8	10.6
LESLIE	38	18	77	68	55	256	35.0	25.6
LETCHER	62	59	91	43	18	273	18.0	3.3
LEWIS	63	60	47	27	24	221	23.7	5.3
LINCOLN	106	187	215	179	88	775	45.6	16.5
LIVINGSTON	202	196	83	100	80	661	94.1	13.0
LOGAN	321	261	233	257	262	1,334	70.1	8.2
LYON	278	258	271	176	71	1,054	184.1	14.2
MCCRACKEN	506	450	362	424	180	1,922	40.0	2.9
MCCREARY	178	159	105	90	59	591	57.4	9.1
MCLEAN	109	73	123	66	28	399	58.5	6.9
MADISON	583	1,046	1,664	1,485	481	5,259	88.9	6.1
MAGOFFIN	12	7	14	21	21	75	8.7	1.7
MARION	81	47	82	156	133	499	38.5	10.2
MARSHALL	772	461	501	270	171	2,175	91.0	10.2
MARTIN	15	12	9	4	1	41	5.9	1.8

Table 19 Continued.

County	Number of Crashes by Year					Total Speeding Convictions (5 Years)	Annual Average Speeding Convictions Per 1,000 Licensed Drivers	Speeding Convictions Per 1,000 Licensed Drivers
	2016	2017	2018	2019	2020			
MARTIN	15	12	9	4	1	41	5.9	1.8
MASON	440	402	227	220	179	1,468	122.4	11.4
MEADE	214	233	106	157	112	822	41.4	9.3
MENIFEE	9	4	9	8	4	34	7.4	2.8
MERCER	255	309	219	180	115	1,078	66.2	11.3
METCALFE	141	134	109	148	122	654	90.2	7.5
MONROE	18	30	19	13	13	93	12.3	3.2
MONTGOMERY	130	41	78	107	77	433	22.7	2.6
MORGAN	322	105	174	132	156	889	110.2	20.7
MUHLENBERG	260	348	253	203	147	1,211	55.4	8.6
NELSON	804	591	523	413	282	2,613	77.9	15.5
NICHOLAS	46	68	88	43	50	295	58.0	7.6
OHIO	420	446	498	281	292	1,937	116.8	13.2
OLDHAM	876	921	596	701	409	3,503	76.0	13.0
OWEN	164	72	107	60	124	527	67.4	11.5
OWSLEY	3	3	3	4	-	13	4.3	1.1
PENDLETON	106	83	132	209	88	618	59.3	6.2
PERRY	45	67	84	97	157	450	24.5	6.8
PIKE	101	123	136	139	124	623	15.6	1.9
POWELL	72	83	168	132	53	508	57.4	15.9
PULASKI	1,063	813	942	809	346	3,973	87.2	9.0
ROBERTSON	1	2	3	2	2	10	6.2	0.6
ROCKCASTLE	317	257	301	393	130	1,398	122.9	7.1
ROWAN	244	159	171	164	120	858	56.7	5.1
RUSSELL	112	83	70	120	93	478	37.8	14.5
SCOTT	515	654	351	202	165	1,887	49.7	4.5
SHELBY	848	573	555	526	216	2,718	87.1	10.5
SIMPSON	151	105	248	205	98	807	60.8	4.2
SPENCER	363	454	328	146	120	1,411	98.7	17.6
TAYLOR	69	102	92	121	137	521	29.5	4.5
TODD	199	93	123	88	39	542	69.9	7.4
TRIGG	215	221	177	97	69	779	77.2	6.8
TRIMBLE	92	45	36	39	22	234	37.2	6.5
UNION	62	129	134	75	58	458	45.6	4.4
WARREN	1,556	1,342	1,219	824	788	5,729	71.5	5.8
WASHINGTON	50	55	42	131	106	384	45.8	5.8
WAYNE	103	136	145	139	39	562	42.0	5.2
WEBSTER	151	58	39	43	23	314	34.4	7.5
WHITLEY	290	262	158	112	32	854	36.2	3.1
WOLFE	310	388	398	273	179	1,548	323.4	41.8
WOODFORD	698	1,184	932	594	696	4,104	214.3	16.9
TOTAL	47,688	46,193	7,132	40,646	23,082	204,741	72.4	7.0

**Table 20: Speeding Conviction Rates
in Decreasing Order by County (5-Year)**

County	Population	Population Category	5YR Average Speeding Convictions Per 1,000 Licensed Drivers	5YR Speeding Convictions Per Speed-Related Crash
Gallatin	8,779	Under 10,000	92.3	51.9
Wolfe	7,106	Under 10,000	64.9	41.8
Henry	16,067	15,000-24,999	45.5	31.2
Bracken	8,286	Under 10,000	45.2	14.5
Woodford	26,765	25,000-50,000	42.8	16.9
Lyon	8,133	Under 10,000	36.9	14.2
Franklin	51,118	Over 50,000	35.5	19.1
Bourbon	19,901	15,000-24,999	31.0	13.1
Bell	25,482	25,000-50,000	27.4	16.7
Grant	25,387	25,000-50,000	26.9	11.6
Henderson	44,740	25,000-50,000	26.6	17.5
Caldwell	12,687	10,000-14,999	26.4	14.5
Larue	14,431	10,000-14,999	26.2	12.3
Boyd	46,516	25,000-50,000	25.0	18.0
Carroll	10,730	10,000-14,999	25.0	11.7
Rockcastle	16,750	15,000-24,999	24.8	7.1
Anderson	22,833	15,000-24,999	24.6	25.6
Mason	17,035	15,000-24,999	24.4	11.4
Fayette	324,735	Over 50,000	23.4	5.3
Ohio	23,899	15,000-24,999	23.3	13.2
Morgan	13,142	10,000-14,999	22.0	20.7
Hardin	111,309	Over 50,000	21.9	11.9
Garrard	17,719	15,000-24,999	21.3	14.9
Hopkins	44,662	25,000-50,000	20.4	10.9
Spencer	19,585	15,000-24,999	19.8	17.6
Livingston	9,041	Under 10,000	18.8	13.0
Jessamine	54,057	Over 50,000	18.7	7.7
Marshall	31,163	25,000-50,000	18.2	10.2
Metcalfe	10,058	10,000-14,999	18.1	7.5
Madison	94,265	Over 50,000	17.9	6.1
Adair	19,555	15,000-24,999	17.8	29.9
Grayson	26,480	25,000-50,000	17.7	10.6
Shelby	49,611	25,000-50,000	17.6	10.5
Pulaski	65,530	Over 50,000	17.5	9.0
Laurel	61,238	Over 50,000	17.5	10.2
Clay	19,631	15,000-24,999	17.4	16.1
Cumberland	6,523	Under 10,000	16.7	79.6
Crittenden	8,847	Under 10,000	16.5	10.2
Daviess	101,978	Over 50,000	16.5	9.6
Nelson	46,450	25,000-50,000	15.6	15.5

Table 20 Continued.

County	Population	Population Category	5YR Average Speeding Convictions Per 1,000 Licensed Drivers	5YR Speeding Convictions Per Speed-Related Crash
Trigg	14,776	10,000-14,999	15.4	6.8
Oldham	66,999	Over 50,000	15.3	13.0
Hancock	8,742	Under 10,000	15.2	15.4
Campbell	94,020	Over 50,000	14.8	8.3
Carter	26,542	25,000-50,000	14.6	7.2
Warren	134,510	Over 50,000	14.4	5.8
Logan	27,416	25,000-50,000	14.0	8.2
Todd	12,448	10,000-14,999	14.0	7.4
Lawrence	15,436	15,000-24,999	13.8	33.2
Owen	11,017	10,000-14,999	13.5	11.5
Mercer	21,889	15,000-24,999	13.3	11.3
Hart	19,013	15,000-24,999	13.0	3.9
Boone	135,396	Over 50,000	12.4	4.5
Simpson	18,635	15,000-24,999	12.2	4.2
Harlan	25,566	25,000-50,000	12.0	15.1
Barren	44,300	25,000-50,000	12.0	7.7
Christian	71,478	Over 50,000	11.9	5.1
Pendleton	14,586	10,000-14,999	11.9	6.2
McLean	9,075	Under 10,000	11.7	6.9
Nicholas	7,234	Under 10,000	11.6	7.6
Powell	12,218	10,000-14,999	11.6	15.9
McCreary	17,071	15,000-24,999	11.5	9.1
Fleming	14,603	10,000-14,999	11.5	18.9
Rowan	24,682	15,000-24,999	11.4	5.1
Muhlenberg	30,457	25,000-50,000	11.1	8.6
Graves	36,818	25,000-50,000	10.9	6.0
Kenton	167,949	Over 50,000	10.7	3.8
Bath	12,481	10,000-14,999	10.4	7.6
Scott	58,470	Over 50,000	10.1	4.5
Butler	12,703	10,000-14,999	10.0	4.0
Knox	31,022	25,000-50,000	9.9	7.3
Bullitt	82,182	Over 50,000	9.6	8.8
Fulton	5,952	Under 10,000	9.2	14.2
Washington	12,147	10,000-14,999	9.2	5.8
Lincoln	24,466	15,000-24,999	9.2	16.5
Union	14,443	10,000-14,999	9.1	4.4
Casey	16,066	15,000-24,999	8.8	35.9
Hickman	4,364	Under 10,000	8.8	7.7
Wayne	20,209	15,000-24,999	8.5	5.2
Meade	28,616	25,000-50,000	8.3	9.3

Table 20 Continued.

County	Population	Population Category	5YR Average Speeding Convictions Per 1,000 Licensed Drivers	5YR Speeding Convictions Per Speed-Related Crash
Jackson	13,340	10,000-14,999	8.1	7.8
McCracken	65,644	Over 50,000	8.0	2.9
Ballard	7,769	Under 10,000	7.9	7.2
Lee	7,268	Under 10,000	7.9	10.6
Breathitt	12,550	10,000-14,999	7.9	7.9
Marion	19,314	15,000-24,999	7.7	10.2
Russell	17,998	15,000-24,999	7.6	14.5
Trimble	8,481	Under 10,000	7.5	6.5
Breckinridge	20,537	15,000-24,999	7.3	6.7
Whitley	36,451	25,000-50,000	7.3	3.1
Leslie	9,637	Under 10,000	7.1	25.6
Harrison	18,920	15,000-24,999	6.9	3.8
Webster	12,923	10,000-14,999	6.9	7.5
Johnson	22,002	15,000-24,999	6.8	9.1
Allen	21,303	15,000-24,999	6.8	6.0
Calloway	39,300	25,000-50,000	6.4	4.8
Jefferson	767,452	Over 50,000	6.1	3.3
Carlisle	4,692	Under 10,000	6.1	7.1
Taylor	25,707	25,000-50,000	5.9	4.5
Estill	14,109	10,000-14,999	5.8	7.2
Elliott	7,372	Under 10,000	5.6	8.7
Floyd	34,974	25,000-50,000	5.3	5.8
Clark	36,463	25,000-50,000	5.1	3.1
Perry	25,456	25,000-50,000	4.9	6.8
Lewis	13,262	10,000-14,999	4.7	5.3
Greenup	34,865	25,000-50,000	4.7	10.4
Montgomery	28,186	25,000-50,000	4.6	2.6
Green	10,995	10,000-14,999	4.2	6.7
Clinton	10,110	10,000-14,999	3.8	4.4
Edmonson	12,235	10,000-14,999	3.7	2.5
Letcher	21,213	15,000-24,999	3.6	3.3
Boyle	30,367	25,000-50,000	3.3	1.5
Pike	57,057	Over 50,000	3.1	1.9
Monroe	10,549	10,000-14,999	2.5	3.2
Knott	14,512	10,000-14,999	2.1	3.7
Magoffin	12,017	10,000-14,999	1.8	1.7
Menifee	6,502	Under 10,000	1.5	2.8
Robertson	2,136	Under 10,000	1.2	0.6
Martin	11,031	10,000-14,999	1.2	1.8
Owsley	4,331	Under 10,000	0.9	1.1

Table 21: Crash Trend Analysis

Crash Statistic	2016	2017	2018	2019	4-Year Average	2020	Percentage Change to Average
Total Crashes	140,546	136,979	134,284	132,374	136,046	100,787	-35.0%
Fatal Crashes	763	721	664	667	704	704	0.0%
Fatalities	834	782	724	732	768	774	0.8%
Injury Crashes	25,003	23,961	22,846	22,387	23,549	19,322	-21.9%
Injuries	37,346	35,999	33,914	32,871	35,033	28,421	-23.3%
Fatal & Injury Crashes	25,766	24,682	23,510	23,054	24,253	20,026	-21.1%
Licensed Drivers (Millions)	3.01	3.02	3.03	2.91	2.99	3.11	3.9%
Registered Vehicles (Millions)	3.89	3.89	4.01	4.01	3.95	2.83	-39.6%
Total Vehicle Miles (Billions)	42.58	43.14	43.81	43.81	43	44.03	1.6%
Total Crash/100 MVM	259	253	248	244	251	185	-35.7%
Fatal Crash/100 MVM	1.62	1.47	1.37	1.38	1	1.43	-2.1%
Fatalities/100 MVM	1.78	1.61	1.5	1.52	2	1.58	-1.3%
Injuries/100 MVM	76	73	68	66	71	56	-26.8%
Speed Related Crashes	6,661	6,077	6,242	5,274	6,064	4,961	-22.2%
Speed Related Injury Crashes	1,912	1,666	1,649	1,422	1,662	1,434	-15.9%
Speed Related Fatal Crashes	110	117	93	102	106	149	28.9%
Speed Convictions	47,688	46,193	47,132	40,646	45,415	23,082	-96.8%
Alcohol Related Crashes	4,192	3,901	3,580	3,494	3,792	3,497	-8.4%
Alcohol Related Injury Crashes	1,363	1,263	1,137	1,095	1,215	1,104	-10.1%
Alcohol Related Fatal Crashes	109	107	71	80	92	100	8.0%
Alcohol Related Fatalities	117	120	74	96	102	114	10.5%
DUI Cases Filed	25,048	24,148	22,432	22,606	23,559	21,081	-11.8%
DUI Filed and Convicted Within Same Year	13,642	12,797	11,962	11,472	12,468	7,758	-60.7%
DUI Cases Filed & Disposed w/o Conviction	3,251	3,450	3,165	3,478	3,336	3,079	-8.3%
DUI Conviction Rate (Percent)**	80%	76%	77%	76%	1	66%	-16.7%
Drug Related Crashes	1,771	1,844	1,488	1,532	1,659	1,873	11.4%
Drug Related Injury Crashes	698	750	585	562	649	674	3.7%
Drug Related Fatal Crashes	52	54	53	52	53	71	25.4%
Pedestrian Related Crashes	1,092	1,094	1,009	1,018	1,053	861	-22.3%
Pedestrian Related Injury Crashes	817	808	757	771	788	631	-24.9%
Pedestrian Related Fatal Crashes	83	84	77	74	80	91	12.1%
Bicycle Related Crashes	411	404	340	343	375	345	-8.7%
Bicycle Related Injury Crashes	256	266	233	217	243	226	-7.5%
Bicycle Related Fatal Crashes	9	7	10	5	8	4	-100.0%
Motorcycle Related Crashes	1,785	1,624	1,464	1,427	1,575	1,373	-14.7%
Motorcycle Related Injury Crashes	1,144	975	933	919	993	912	-8.9%
Motorcycle Related Fatal Crashes	105	86	84	82	89	82	-8.5%
School Bus Related Crashes	750	570	461	387	542	129	-320.2%
School Bus Related Injury Crashes	85	60	50	39	59	11	-436.4%
School Bus Related Fatal Crashes	3	-	1	1	1	-	0.0%
Truck Related Crashes	9,381	9,137	9,898	9,821	9,559	7,999	-19.5%
Truck Related Injury Crashes	1,352	1,323	1,411	1,319	1,351	1,218	-10.9%
Truck Related Fatal Crashes	93	75	94	98	90	99	9.1%
Train Related Crashes	43	45	40	31	40	25	-60.0%
Train Related Injury Crashes	13	18	10	8	12	8	-50.0%
Train Related Fatal Crashes	2	3	2	3	3	1	-200.0%

**Table 22: Crashes Involving Vehicle Defects
Before and After Repeal of Vehicle Inspection Law**

Time Period	Number of Crashes Involving Vehicle Defects	Percent of All Crashes Involving Vehicle Defects
"October 1976-May 1978 (20 months before repeal of law)"	14,440	5.86
"June 1978 - December 1979 (19 months after repeal of law)"	16,527	7.09
1980-1984	46,397	7.43
1985-1989	46,552	6.64
1990-1994	40,393	6.09
1995-1999	33,655	5.27
2000	7,834	4.98
2001	7,325	4.79
2002	7,338	4.77
2003	6,882	4.47
2004	6,811	4.33
2005	7,050	4.61
2006	6,656	4.36
2007	6,671	4.37
2008	6,106	4.21
2009	6,269	4.24
2010	6,246	4.15
2011	7,886	5.25
2012	8,030	6.43
2013	7,623	6.18
2014	7,831	5.18
2015	8452	5.24
2016	8337	5.04
2017	7781	4.81
2018	7289	4.61
2019	7057	4.50
2020	6033	5.05

**Table 23: Statewide Crash Rates
By Functional Class (5-Year)**

Highways are grouped into various system classifications. Three common types of groupings include:

- 1) Functional classification
- 2) Federal-aid system
- 3) Administrative classification

Statewide crash rates were determined for each grouping. The following is a summary of the findings.

Average statewide rates by functional classification are listed in Table A-1. Highways are classified as rural or urban category and categorized by functional class. Rates are determined considering all crashes, injury crashes only, and fatal crashes only.

The highest overall crash rates are for urban minor arterials followed by urban principal arterials (non-interstate or freeway). The lowest overall rates are for rural principal arterials (interstate) followed by other rural principal arterials and urban principal arterials (interstate and other freeway). Injury crash rates for the various categories are ordered similar to overall crash rates. However, the ordering for fatal crash rates is very different. The highest fatal crash rates are for rural collectors and rural local roadways. The lowest fatal crash rates were recorded on rural interstates, urban interstates, and urban freeways and expressways.

Location	Functional Classification	Average Total Mileage	Average AADT	Crash Rates (Crashes per 100 MVM)		
				Crash Rate	Injury Rate	Fatal Rate
Rural	Interstate	791	28,611	60	9	0.5
	Principal Arterial	1,709	7,989	91	20	1.5
	Minor Arterial	2,331	4,094	169	39	2.2
	Major Collector	5,820	1,819	231	58	3.2
	Minor Collector	9,318	615	273	66	3.1
	Local System	5,218	305	251	57	2.9
Urban	Interstate	417	46,170	124	18	0.5
	Freeways & Expressways	96	23,917	125	20	0.7
	Principal Arterial	648	18,759	493	87	1.7
	Minor Arterial	1,355	10,689	516	91	1.6
	Collector	1,616	4,038	469	80	1.3
	Local System	232	1,262	425	68	1.7

**Table 24: Percent of All Crashes
(5-Year)**

Location	Highway Type	% Wet	%Snow or Ice	% Darkness
Rural	ONE-LANE	19.4	0.8	10.1
	TWO- LANE	24.6	3.6	29.8
	THREE-LANE	21.3	1.6	27.3
	FOUR-LANE DIVIDED	19.7	3.4	34.1
	FOUR-LANE UNDIVIDED	18.8	2.3	23.4
	INTERSTATE	30.2	6.7	33.6
	PARKWAY	24.3	6.8	39.8
	ALL	25.1	4.2	31
Urban	ONE-LANE	23.2	1.6	19.5
	TWO- LANE	21.9	1.9	21.5
	THREE-LANE	20.1	1.4	21.3
	FOUR-LANE DIVIDED	21	1.7	22
	FOUR-LANE UNDIVIDED	19.5	1	20.7
	INTERSTATE	22.5	3.1	24
	PARKWAY	24.5	4.7	28.5
	ALL	21.2	1.8	21.8



Figures

Figure 1 - Trends in Crash Rates for Identified Roads
(Crashes / 100 MVM)

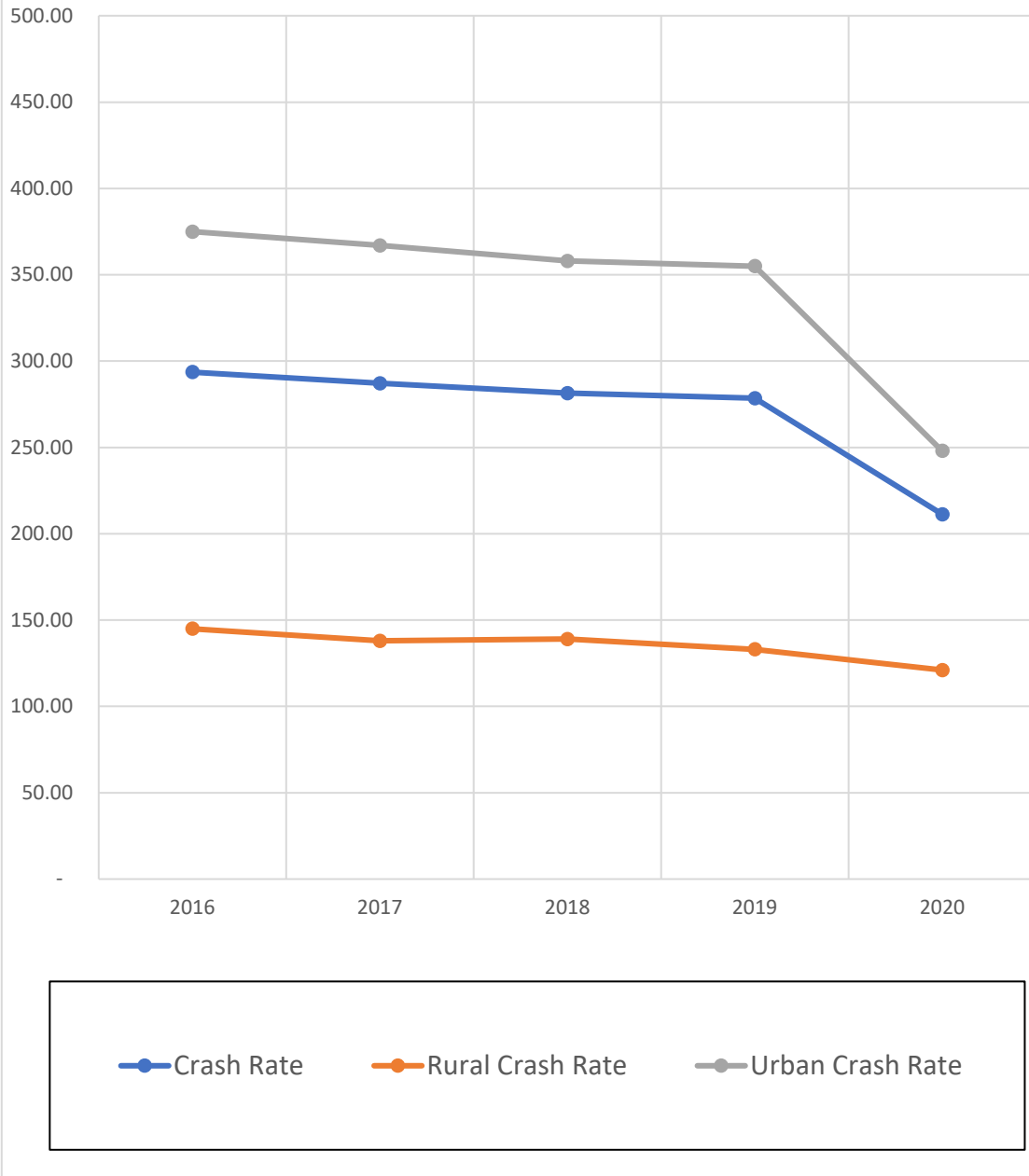


Figure 2 - Trends in Rural Crash Rates for Identified Roads
(Crashes / 100 MVM)

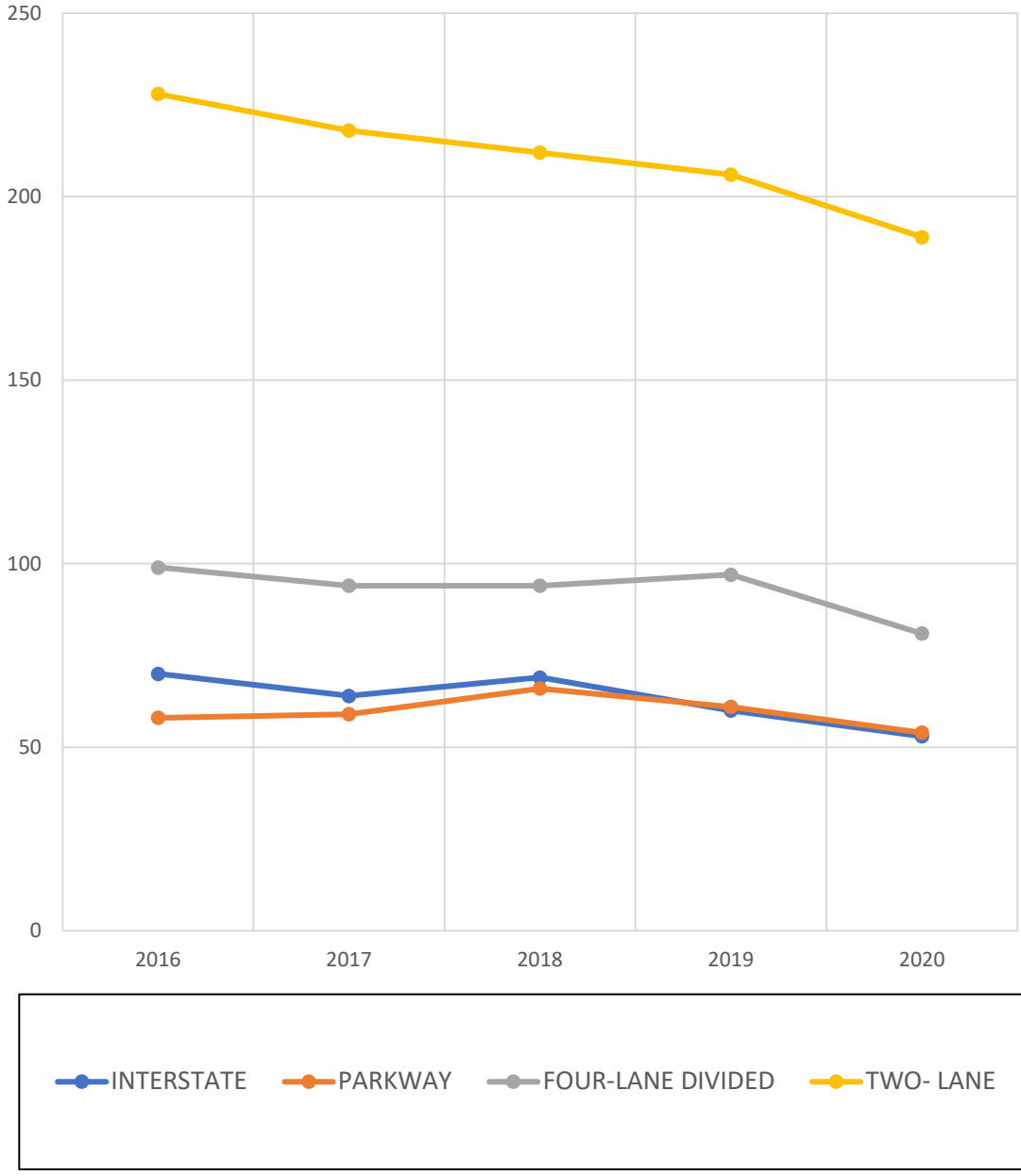


Figure 3 - Trends in Urban Crash Rates for Identified Roads (Crashes / 100 MVM)

