KENTUCKY

TRAFFIC COLLISION FACTS

2019 REPORT

https://doi.org/10.13023/ktc.rr.2020.n01

A Note on the Updated Version (December 2020)

This version of the *Kentucky Traffic Collision Facts 2019 Report* amends and updates the version that was previously available on UKnowledge. The previous version included an incorrect count of C-Type crashes on p. 55, an error which inflated the estimated cost of traffic collisions. This version contains the corrected crash count and adjusts the estimate accordingly.

Do you need access to data
or advice from a traffic safety expert?

KTSDS

Kentucky Traffic Safety Data Services

If you'd like to ask for help with your project, check out the Kentucky Traffic Data Services.

KTSDS.ktc.uky.edu

COMMONWEALTH OF KENTUCKY
OFFICE OF THE GOVERNOR

Andy Beshear
GOVERNOR

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Dear Kentuckians:

Being transparent is a top priority for my administration, and one way to be transparent is to share available data. The 2019 Kentucky Traffic Collision Facts report includes a lot of vital information and statistics regarding auto collisions that occurred on our commonwealth's roadways. This report should serve as a reminder to all of us that it is our individual responsibility every time we get behind the wheel to demonstrate the skill and knowledge of safe driving in order to keep ourselves and our fellow Kentuckians safe from harm while operating a vehicle.

Unfortunately, I am sad to report our commonwealth lost 732 Kentuckians in 2019 to auto collisions; of which 289 were under the influence of drugs and 135 were under the influence of alcohol. They are people who are truly missed by their family and their friends.

These lives lost should reinforce our resolve to do our best every day to protect those around us on the roadways. I want to remind all motorists whether they are new to the road or a seasoned driver to follow these safe practices:

- Never text and drive
- Don't operate a vehicle under the influence of any substance
- Always buckle up
- Observe speed limits

By holding ourselves accountable and working together, we will save lives and make our roadways safer for all Kentuckians and visitors to our great commonwealth. Let's commit to decreasing the number of auto collisions and fatalities in 2020.

Sincerely,

Andy Beshear
Governor

Andy Beshear
Governor

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Mary C. Noble
Secretary

Rodney Brewer
Commissioner

The Honorable Andy Beshear
Governor of Kentucky
The Capitol
Frankfort, Kentucky 40601

Dear Governor Beshear:

Kentucky Revised Statutes, Chapter 189.635, mandates that Kentucky State Police collect and tabulate the traffic collision reports submitted by all law enforcement agencies across the Commonwealth.

In adherence to this statute, the Kentucky State Police proudly presents the 2019 Kentucky Traffic Collision Facts report. This report provides a collection of statistical data, based on comprehensive evaluation and analysis of collisions that resulted in fatalities, injuries, and property damage.

The Kentucky State Police would like to take this opportunity to thank all law enforcement agencies that contribute data. In addition, gratitude is also extended to the Kentucky Transportation Center, College of Engineering, at the University of Kentucky, for their efforts in the successful completion of this report. This mutually beneficial joint-effort has produced an accurate account of traffic collision data, while also offering a broader analytical insight into several special interest areas.

We sincerely hope the information contained herein provides beneficial information to law enforcement agencies, as well as various other national, state, and local organizations. Most importantly, we hope this data will inspire all citizens to work with officials to create a more heightened sense of highway safety across our great Commonwealth.

Respectfully submitted,

Rodney Brewer
Commissioner

All citizens of the Commonwealth of Kentucky share the sorrow brought about by senseless tragedies on our streets and highways.

This Collision Facts Report would like to remember the

733

who were victims of fatal traffic collisions on Kentucky's public roads.

Also this year, the Kentucky Transportation Center would like to remember Neil Tollner. Neil's work on this publication lasted nearly 4 decades and his quiet contribution to the safety of Kentucky's roadways is immeasurable.

KENTUCKY
TRAFFIC COLLISION FACTS
2019

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INTRODUCTION

KENTUCKY'S TRAFFIC COLLISION FACTS report is based on collision reports submitted to the Kentucky State Police Records Branch. As required by Kentucky Revised Statutes 189.635:

> *"Every law enforcement agency whose officers investigate a vehicle accident of which a report must be made...shall file a report of the accident...within ten days after investigation of the accident upon forms supplied by the bureau."*

The stated purpose of this requirement is to utilize data on traffic collisions for such purposes as will improve the traffic safety program in the Commonwealth.

Unless otherwise noted, the data in this publication are for public roads only. Data contained in this report are based solely on the observations and judgements of the state and local police officers who investigated each collision. The collision data is contained in an automatic system (Collision Report Analysis for Safer Highways) (CRASH). This system has edit checks for accuracy which may include manual adjustments based on the Fatal Accident Reporting System (FARS).

Computer tabulations and summaries are again checked for accuracy before information is released or disseminated. It is hoped that the detailed information presented in this report will, in fact, "improve the traffic safety program within the Commonwealth."

The NHTSA *Manual on Classification of Motor Vehicle Traffic Crashes (1)* is used to ensure uniformity and compliance with federal requirements.

Standard definitions and terms used in this booklet include the following:

Motor Vehicle Traffic Collision: any motor vehicle collision that occurs on a trafficway or that occurs after the motor vehicle runs off roadway but before events are stabilized.

Collision: an unintended event that produces death, injury or damage. The word "injury" includes "fatal injury."

Trafficway: the entire width between property lines or other boundary lines, of every way or place, of which any part is open to the public for purposes of vehicular travel as matter of right or custom.

Fatal Collision: is any motor vehicle collision that results in fatal injuries to one or more persons.

Fatality: a person or persons killed in a fatal collision (also referred to as "persons killed").

Nonfatal Injury Collision: any motor vehicle collision that results in injury, other than fatal, to one or more persons (also referred to as Personal Injury Collision).

Injured: a person or persons injured in a collision (also referred to as "persons injured").

Property Damage Collision: any motor vehicle collision in which there is no injury to any person, but only damage to a motor vehicle or other property, including injury to domestic animals.

Alcohol-Related Collision: any collision in which an operator was observed to have been drinking by the officer investigating the collision.

NOTE: Data processing methods have been updated in the 2019 (FY2020) publication. This may result in slight changes, but should improve the overall quality and accuracy.

(1) https://www.nhtsa.gov/sites/nhtsa.dot.gov/files/documents/ansi_d16-2017.pdf

COLLISION SUMMARY

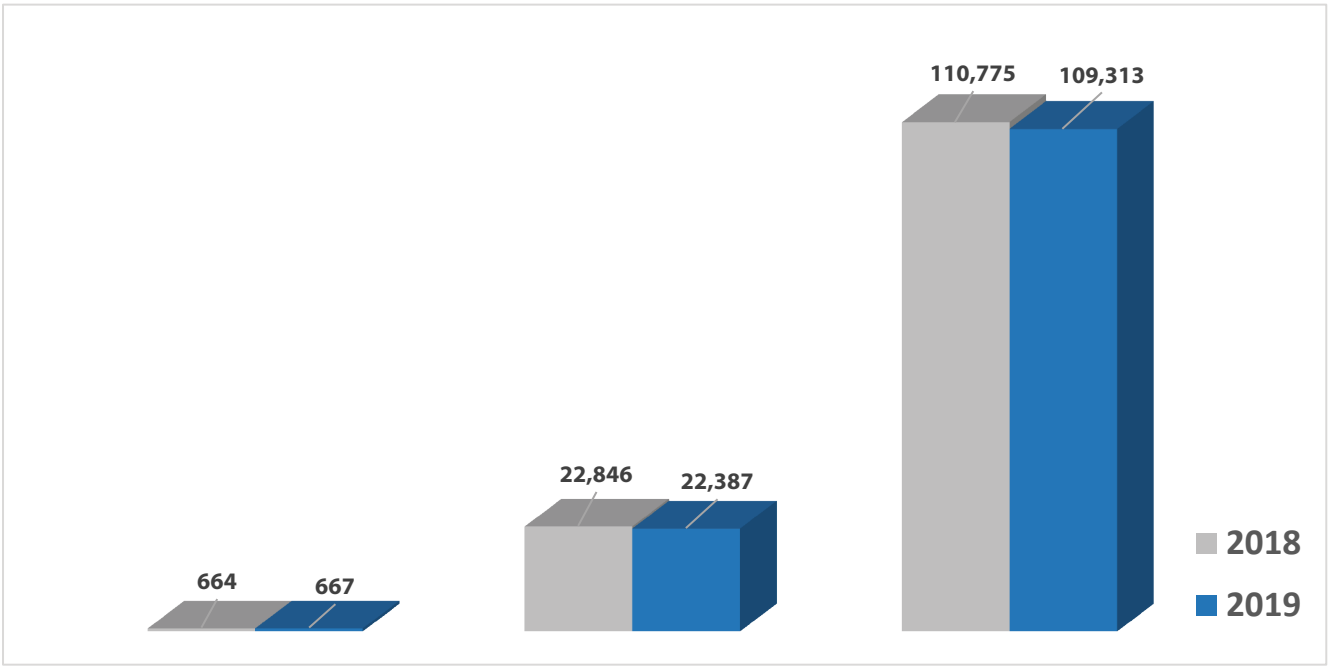
2018 COLLISION SUMMARY

TYPE OF COLLISION REPORTED	2018	2019	CHANGE
FATAL (PUBLIC ROADS)	664	**668**	0.5%
NONFATAL (PUBLIC ROADS)	22,846	**22,387**	-2.0%
PROPERTY DAMAGE ONLY (PUBLIC ROADS)	110,775	**109,313**	-1.3%
TOTAL REPORTED (PUBLIC ROADS)	134,285	**132,374**	-1.4%

FATAL (PARKING LOTS / PRIVATE PROPERTY)	6	**13**	116.7%
NONFATAL (PARKING LOTS / PRIVATE PROPERTY)	745	**705**	-5.4%
PROPERTY DAMAGE (PARKING LOTS / PRIVATE PROPERTY)	23,135	**23,663**	2.3%
TOTAL REPORTED (PARKING LOTS / PRIVATE PROPERTY)	23,886	**24,384**	2.1%

TOTAL ALL REPORTED COLLISIONS	158,171	156,758	-0.9%
FATAL COLLISIONS (TOTAL)	670	680	1.5%

Total Collisions Compared with Last Year -1.4 %



DEATH AND INJURY SUMMARY

	2018	2019	CHANGE
PERSONS KILLED (Public Roads)	724	732	1.1%
PERSONS KILLED (Parking Lots/Private Property)	6	13	116.7%
PERSONS KILLED (Total)	730	745	2.1%
PERSONS INJURED (Public Roads)	33,914	32,871	-3.1%
PERSONS INJURED (Parking Lots/Private Property)	860	815	-5.2%
PERSONS INJURED (Total)	34,774	33,686	-3.1%

FACTS: **APPROXIMATELY 1 OF EVERY 5,997 KENTUCKY RESIDENTS DIED AS A RESULT OF A FATAL TRAFFIC COLLISION ON A PUBLIC ROAD IN KENTUCKY. ABOUT 1 IN 133 KENTUCKY RESIDENTS WAS INJURED IN A TRAFFIC COLLISION IN KENTUCKY.***

APPROXIMATELY 1 OF EVERY 16 DRIVERS LICENSED IN KENTUCKY WAS INVOLVED IN A TRAFFIC COLLISION IN KENTUCKY. ABOUT 1 OF 3,481 KENTUCKY DRIVERS WAS INVOLVED IN A FATAL COLLISION.**

* Based on 4,467,673 population estimate for Kentucky in 2019 (www.census.gov/quickfacts/KY).
** Based on 3,202,620 licensed drivers in Kentucky in 2019 (including learner permit but excluding ID cards).

- A total of **732** persons were killed on public roads this year.
- The total number of traffic fatalities increased **1.1%**.
- **32,871** persons were injured on public roads this year, a decrease of **3.1%**.
- Daily Total Miles Driven in Kentucky: **135,762,000.**
- Yearly Total Miles Driven in Kentucky: **45,480,270,000.**

TYPE INJURY	NUMBER	%
KILLED		
Public Roads	732	2.2%
Parking Lots/Private Property	13	1.6%
SUSPECTED MAJOR INJURY		
Public Roads	2,736	8.1%
Parking Lots/Private Property	67	8.1%
SUSPECTED MINOR INJURY		
Public Roads	12,257	36.5%
Parking Lots/Private Property	319	38.5%
POSSIBLE INJURY		
Public Roads	17,878	53.2%
Parking Lots/Private Property	429	51.8%
TOTAL		
Public Roads	33,603	100%
Parking Lots/Private Property	828	100%

Note: An incapacitating injury includes those injuries that required transport to a medical facility.

TOTAL DEATH RATES
Deaths per 100 vehcile million miles traveled

YEAR	KILLED	RATE KY +	RATE U.S. ++
2010	760	**1.58**	**1.15**
2011	721	**1.50**	**1.18**
2012	746	**1.58**	**1.23**
2013	638	**1.36**	**1.18**
2014	672	**1.40**	**1.16**
2015	761	**1.56**	**1.22**
2016	834	**1.70**	**1.25**
2017	782	**1.67**	**1.25**
2018	724	1.50	**1.24**
2019	**733**	**1.61**	**1.20**

\+ KYTC Daily Vehicle Miles Traveled (DVMT) and Mileage Report
++ NHTSA Traffic Safety Facts & NSC Motor Vehicle Fatality Estimates

FATALITIES
BY AGE AND SEX

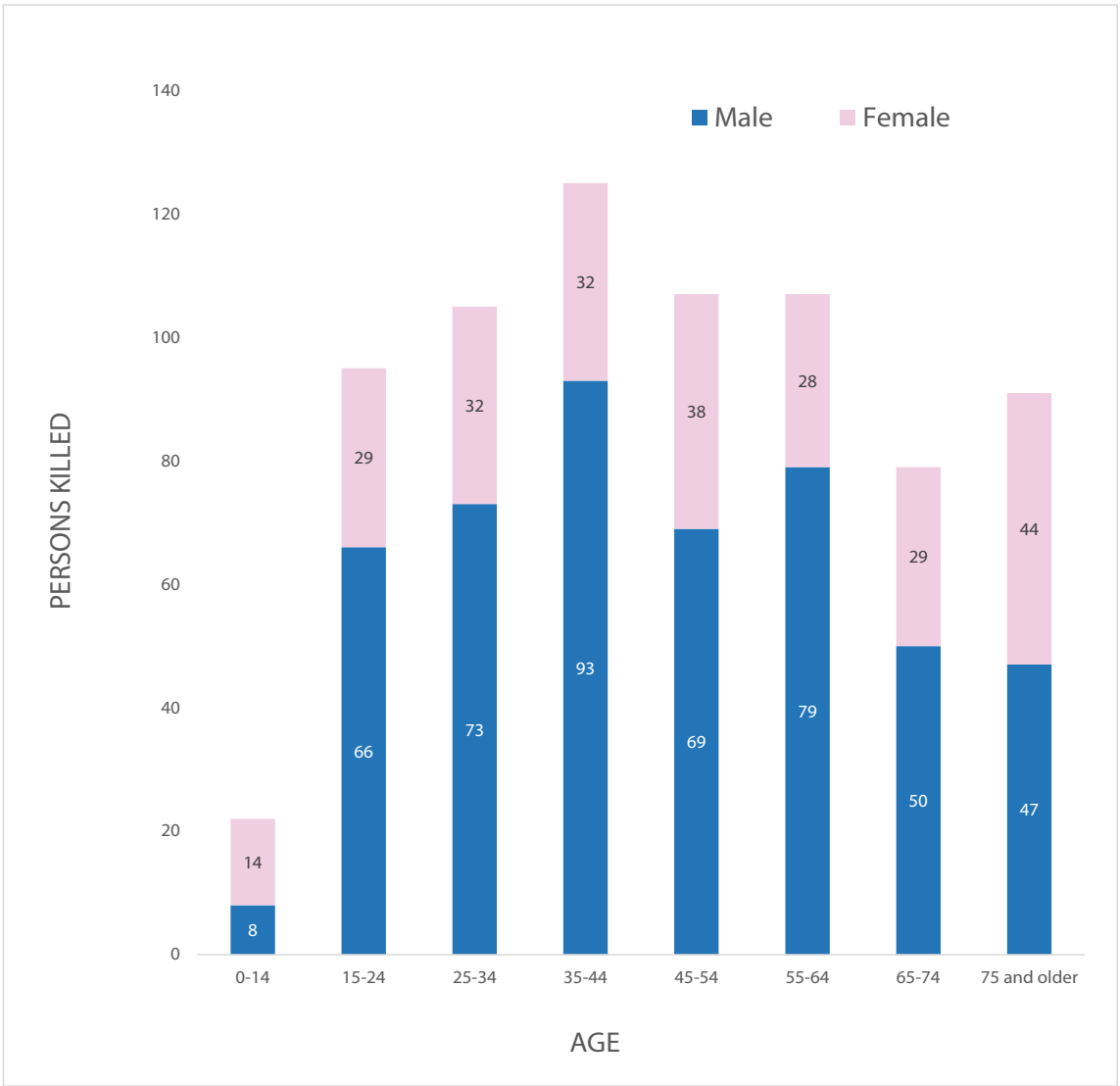
- There were **486** males versus **246** females killed.

- **13%** of all persons killed in traffic collisions were in the **15 to 24 year old age group**.

- The percent of males or females killed in the given age group as a percentage of the total males or females killed is presented in the table to the right.

Age	Male	Female
0-14	2%	6%
15-24	14%	12%
25-34	15%	13%
35-44	19%	13%
45-54	14%	15%
55-64	16%	11%
65-74	10%	12%
75 and older	10%	18%

The number of persons killed in fatal collisions this year is shown by age and sex in the chart below.



SEVERITY OF INJURY BY TYPE OF COLLISION

The chart below depicts the number of persons killed and injured, by severity of injury, with 11 categories of collisions.

TYPE OF COLLISION	TOTAL COLLISIONS	TYPE OF INJURY				% OF TOTAL OCCUPANTS KILLED OR INJURED	FATAL COLLISIONS
		(K) KILLED	(A) SUSPECTED SERIOUS INJURY	(B) SUSPECTED MINOR INJURY	(C) POSSIBLE INJURY		
COLLISION WITH MOVING VEHICLE	87,340	320	1,292	7,827	13,211	67.4	273
COLLISION WITH FIXED OBJECT	21,180	202	743	2,328	2,786	17.7	194
OTHER NON-COLLISION	5,609	90	329	943	726	6.2	85
COLLISION WITH PEDESTRIAN	1,048	80	173	405	299	2.8	79
NON-COLLISION OVERTURNED	901	18	83	217	277	1.8	17
COLLISION WITH OTHER OBJECT	1,522	1	21	103	120	0.7	1
COLLISION WITH PEDALCYCLIST	330	4	25	113	73	0.6	4
COLLISION WITH PARKED VEHICLE	7,979	7	34	168	198	1.2	5
COLLISION WITH DEER	3,069	3	12	71	82	0.5	3
COLLISION WITH OTHER ANIMAL	3,369	4	23	82	101	0.6	4
COLLISION WITH TRAIN	27	3	1	-	5	-	2
TOTALS	**132,374**	**732**	**2,736**	**12,257**	**17,878**	**100**	**668**

OCCURRENCE OF COLLISIONS BY TYPE

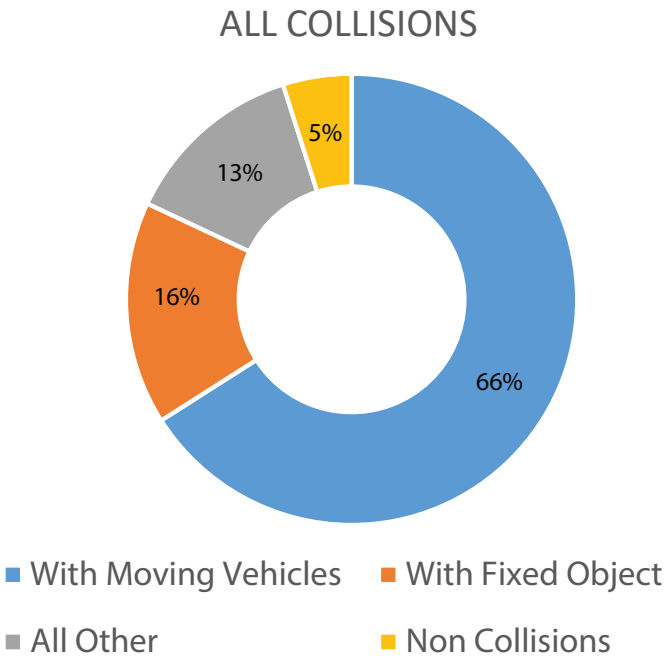
Severity by Type Visualized

Looking at all collisions.

~66% involved collisions between two or more moving vehicles.

~16% involved collisions with fixed objects.

~13% did not involve a collision with either a moving vehicle or a fixed object.

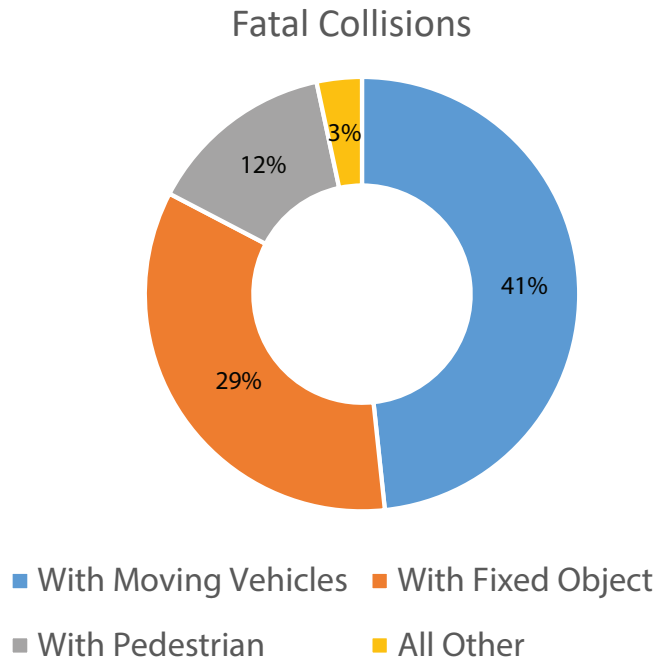


Looking at fatal collisions.

~41% involved a collision with another moving vehicle.

~29% involved collisions with fixed objects.

~12% involved pedestrians.



Specific types of collisions and the percentage of total collisions and fatalities in each type of collision category are shown on the following page.

TYPES OF COLLISIONS

Collisions with other moving motor vehicles were responsible for **~66%** of all collisions reported, and accounted for **~41%** of all fatalities (persons killed).

Collisions with fixed objects accounted for **~16%** of all collisions, but **~29%** of fatalities.

COLLISIONS WITH PEDESTRIAN:

Total Collisons:	1048
% of Total Collisions:	0.79
Persons Killed:	80
% of Total Fatalities:	10.93
# of Fatal Collisions:	79
% if All Fatal Collisions:	11.84

COLLISIONS WITH PEDALCYCLIST:

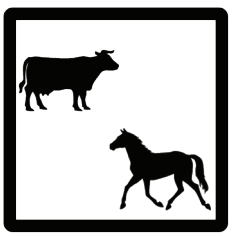
Total Collisons:	330
% of Total Collisions:	0.25
Persons Killed:	4
% of Total Fatalities:	0.55
# of Fatal Collisions:	4
% if All Fatal Collisions:	0.6

COLLISIONS WITH RAILWAY TRAIN:

Total Collisons:	27
% of Total Collisions:	0.02
Persons Killed:	3
% of Total Fatalities:	0.41
# of Fatal Collisions:	2
% if All Fatal Collisions:	0.3

COLLISIONS WITH DEER:

Total Collisons:	3069
% of Total Collisions:	2.32
Persons Killed:	3
% of Total Fatalities:	0.41
# of Fatal Collisions:	3
% if All Fatal Collisions:	0.45



COLLISIONS WITH OTHER ANIMALS (excluding deer):

Total Collisons:	3369
% of Total Collisions:	2.55
Persons Killed:	4
% of Total Fatalities:	0.55
# of Fatal Collisions:	4
% of All Fatal Collisions:	0.6

COLLISIONS WITH MOVING MOTOR VEHICLE:

Total Collisons:	87340
% of Total Collisions:	65.98
Persons Killed:	320
% of Total Fatalities:	43.72
# of Fatal Collisions:	273
% if All Fatal Collisions:	40.93

COLLISIONS WITH FIXED OBJECT:

Total Collisons:	21180
% of Total Collisions:	16
Persons Killed:	202
% of Total Fatalities:	27.6
# of Fatal Collisions:	194
% if All Fatal Collisions:	29.09

COLLISIONS WITH PARKED VEHICLE:

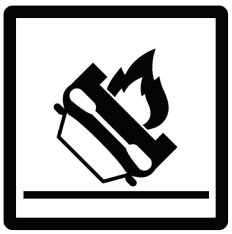
Total Collisons:	7979
% of Total Collisions:	6.03
Persons Killed:	7
% of Total Fatalities:	0.96
# of Fatal Collisions:	5
% if All Fatal Collisions:	0.75

COLLISIONS WITH OTHER OBJECTS:

Total Collisons:	1522
% of Total Collisions:	1.15
Persons Killed:	1
% of Total Fatalities:	0.14
# of Fatal Collisions:	1
% if All Fatal Collisions:	0.15

NON-COLLISION OVERTURNED:

Total Collisons:	901
% of Total Collisions:	0.68
Persons Killed:	18
% of Total Fatalities:	2.46
# of Fatal Collisions:	17
% if All Fatal Collisions:	2.55



NON-COLLISION OTHER:

Total Collisons:	5609
% of Total Collisions:	4.24
Persons Killed:	90
% of Total Fatalities:	12.3
# of Fatal Collisions:	85
% if All Fatal Collisions:	12.74

PEDESTRIAN COLLISIONS

74 pedestrians were killed and **804** were injured in traffic collisions this year. The charts below depict ages of victims of pedestrian collisions and the factors related to the pedestrian vs. the vehicle at the time of the collision.

1.4% of the pedestrians killed or injured were 14 years of age or younger, while **21.6%** were age 65 or older.

PEDESTRIAN FACTOR	TOTAL **ACTIONS** FOR KILLED OR INJURED PEDESTRIANS BY AGE CATEGORY										
	Fatal Action	Injury Actions	0-4	5-9	10-14	15-19	20-24	25-44	45-64	65-Up	Not Stated
Approaching or Leaving Vehicle	5	71	3	3	3	6	7	21	16	11	6
At Intersection	4	64	-	-	5	3	5	21	25	7	2
Crossing Against Signal	7	53	2	1	1	6	5	21	19	4	1
Crossing With Signal	3	119	-	-	3	12	12	42	32	16	5
Dark Clothing/Not Visible	34	110	5	3	4	13	12	46	45	10	6
Darting into Roadway	14	103	5	15	21	11	8	26	23	4	4
Drinking (Pedestrian)	8	35	-	-	1	2	5	11	22	1	1
Drug Related (Pedestrian)	4	7	-	-	-	-	1	7	3	-	-
Getting On or Off Vehicle	1	15	-	1	1	-	2	2	9	1	-
In Crosswalk	7	125	8	4	4	12	10	34	35	23	2
Jogging	-	4	-	1	-	-	2	1	-	-	-
Lying in Roadway	3	12	2	1	-	-	1	4	5	1	1
Not at Intersection	16	96	1	5	6	8	7	30	36	14	5
Not in Roadway	4	117	11	3	-	7	8	34	42	14	2
Physical Impairment	-	20	-	-	-	-	-	1	11	7	1
Playing in Roadway	-	19	5	8	-	-	-	4	1	1	-
Pushing Vehicle	2	5	-	-	-	-	-	5	2	-	-
Skating/Skateboarding	-	6	-	-	1	5	-	-	-	-	-
Walking in Roadway	36	208	5	9	13	27	16	78	71	20	5
Working in Roadway	1	50	2	-	-	1	4	17	13	3	11
Working on Vehicle	3	13	-	-	-	1	3	4	7	1	-
TOTAL*	**152**	**1,252**	**49**	**54**	**63**	**114**	**108**	**409**	**417**	**138**	**52**

PEDESTRIAN FACTOR	VEHICLE ACTION								
	Straight	Right Turn	Left Turn	Starting in Traffic	Slowing	Parking	Backing	Other	TOTAL
Approaching or Leaving Vehicle	29	1	2	3	5	24	8	7	79
At Intersection	34	11	23	3	3	3	1	1	79
Crossing Against Signal	44	10	19	1	-	-	-	1	75
Crossing With Signal	14	27	101	2	2	-	-	-	146
Dark Clothing/Not Visible	123	6	26	3	6	-	-	11	175
Darting into Roadway	121	4	5	3	3	-	2	1	139
Drinking (Pedestrian)	36	1	2	-	4	2	1	3	49
Drug Related (Pedestrian)	14	-	-	-	-	-	-	-	14
Getting On or Off Vehicle	6	-	-	-	1	6	2	3	18
In Crosswalk	34	31	69	4	1	4	-	1	144
Jogging	3	2	1	-	-	1	-	-	7
Lying in Roadway	6	1	-	-	2	-	-	1	10
Not at Intersection	99	1	12	-	4	-	5	7	128
Not in Roadway	55	3	3	-	11	13	9	11	105
Physical Impairment	7	4	4	-	-	-	2	3	20
Playing in Roadway	10	-	4	-	-	1	-	-	15
Pushing Vehicle	4	-	-	-	-	-	-	3	7
Skating/Skateboarding	9	-	-	-	-	-	-	-	9
Walking in Roadway	183	7	40	1	12	4	8	21	276
Working in Roadway	32	1	1	-	3	5	3	6	51
Working on Vehicle	9	-	-	-	2	6	-	3	20
TOTAL*	**872**	**110**	**312**	**20**	**59**	**69**	**41**	**83**	**1,566**

*These totals are higher than the actual number of pedestrians involved because they reflect multiple pedestrian actions, up to three pedestrian factors can be coded for one collision.

HIT-AND-RUN COLLISIONS

Hit-and-run collisions are those collisions in which the driver leaves the collision scene with the intent of evading responsibility. Hit-and-run is a serious violation of the law. During 2018, there were **12,682** hit-and-run collisions, of which **17** were fatal collisions and **960** were injury collisions.

As depicted below, most of Kentucky's hit-and-run collisions were property damage collisions (**92.3%**). **17** persons were killed and **1,228** were injured.

TOTAL	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE COLLISIONS	PERSONS KILLED	PERSON INJURED
12,682	17	960	11,705	17	1,228

HIT-AND-RUN VICTIMS

As shown in the chart below, **3** persons killed in hit-and-run collisions were pedestrians and **1** were pedalcyclists. **123** pedestrians and **25** pedalcyclists were injured.

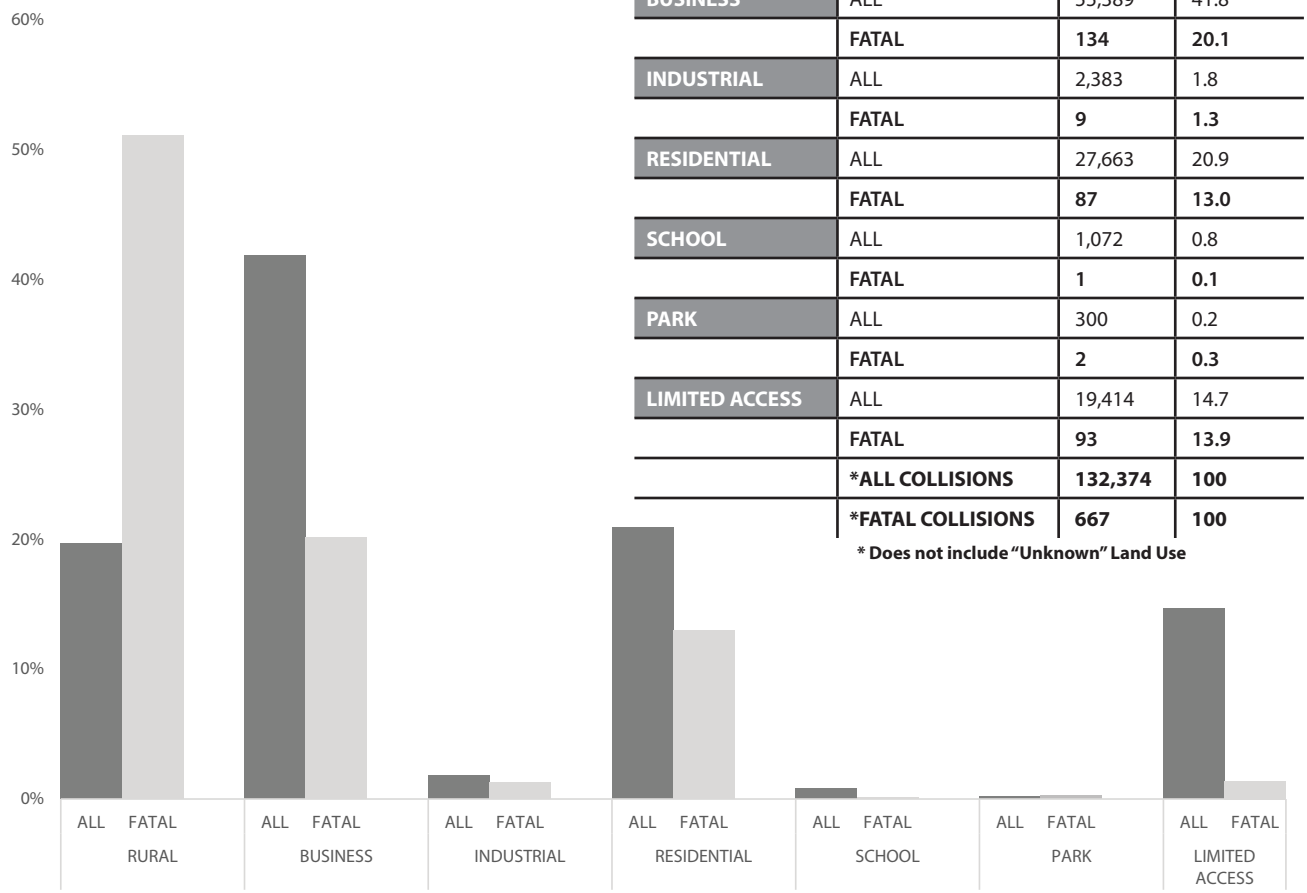
TYPE OF VICTIM	PERSONS KILLED	PERSONS INJURED
Pedestrian	3	123
Pedalcyclist	1	25
Other	13	1,080
TOTAL	**17**	**1,228**

LOCATION OF HIT-AND-RUN COLLISIONS

The location of hit-and-run collisions are shown in the chart below.
The largest percentage of hit-and-run collisions (**43%**) occurred on city streets, followed by **24%** on state routes, and **14%** on U.S. routes.

TYPE OF ROADWAY	ALL HIT-AND-RUN COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE
INTERSTATE	1,413	1	106	1,264
U.S. ROUTE	1,777	2	168	1,487
STATE ROUTE	3,088	8	288	2,502
PARKWAY	57	-	12	40
COUNTY ROADS	496	1	40	331
CITY STREETS	5,516	5	332	3,137
OTHER	335	-	14	189
TOTAL	**12,682**	**17**	**960**	**8,950**

LAND USE



	LAND USE	NUMBER	PERCENT
RURAL	ALL	26,071	19.7
	FATAL	**341**	**51.1**
BUSINESS	ALL	55,389	41.8
	FATAL	**134**	**20.1**
INDUSTRIAL	ALL	2,383	1.8
	FATAL	**9**	**1.3**
RESIDENTIAL	ALL	27,663	20.9
	FATAL	**87**	**13.0**
SCHOOL	ALL	1,072	0.8
	FATAL	**1**	**0.1**
PARK	ALL	300	0.2
	FATAL	**2**	**0.3**
LIMITED ACCESS	ALL	19,414	14.7
	FATAL	**93**	**13.9**
	***ALL COLLISIONS**	**132,374**	**100**
	***FATAL COLLISIONS**	**667**	**100**

*** Does not include "Unknown" Land Use**

COLLISION LOCATIONS

For the purpose of tabulating collision locations, an urban area is an area including and adjacent to a municipality or other place of 5,000 or more population. Rural areas are those places that do not meet this specification. As shown in the chart below, most collisions (**63%**) occurred in urban areas.

Also, **61%** of injury crashes occurred in urban areas. However, the majority of fatal collisions (**52%**) took place in rural areas of Kentucky during 2018. A much higher percentage of property damage collisions were reported in urban areas.

RURAL VS. URBAN

AREA	Number of Collisions	% of Total	FATAL	% of Total	Nonfatal Injury	% of Total	Property Damage	% of Total	Killed	% of Total	Injured	% of Total
Rural	46,978	35.0	352	52.0	8,495	37.0	38,131	34.0	386	52.0	12,638	38.0
Urban	84,527	63.0	308	46.0	13,725	61.0	70,494	64.0	339	46.0	19,991	60.0
Unknown	869	-	7	1.0	165	-	697	-	7	-	238	-
TOTAL	132,374	100	668	100	22,385	100	109,322	100	732	100	32,867	100

LOCATION OF COLLISIONS

The chart at right shows the number of collisions during 2018 by type of roadway, with percentages of all collisions.

35% of all collisions occurred on Kentucky's "State Numbered" roads, with 49% of all fatal collisions reported occurring on this type of roadway.

Although 22% of all collisions occurred on city streets, only 6% of the fatal collisions occurred on city streets.

TYPE OF ROADWAY	Fatal Collisions	Nonfatal Injury	Property Damage	Percent Total
INTERSTATE	71	2238	13289	11.78
U.S. ROUTE	165	5674	24697	23.07
STATE ROUTE	330	9056	36476	34.65
PARKWAY	15	267	1509	1.35
COUNTY ROAD	33	1171	5186	4.83
CITY STREET	42	3518	25540	21.98
OTHER	11	463	2616	2.33
+TOTAL	**667**	**22,387**	**109,313**	100

+ Note that totals may vary slightly between roadway types and specific roadway totals due to date of data collection.

INTERSTATES AND PARKWAYS

INTERSTATE	Collisions	Fatal Collisions	Nonfatal Injury	Property Damage	Number Killed	Number Injured
I-24	777	7	116	654	7	212
I-64	2453	20	399	2034	23	551
I-65	2891	15	392	2484	17	580
I-69	429	1	83	345	1	124
I-71	1119	3	164	952	3	220
I-75	4200	16	555	3629	23	818
I-264	1669	2	242	1425	2	349
I-265	844	4	112	728	4	148
I-275	943	3	134	805	3	181
I-471	400	1	51	348	1	56
TOTAL	**15,725**	**72**	**2,248**	**13,404**	**84**	**3,239**

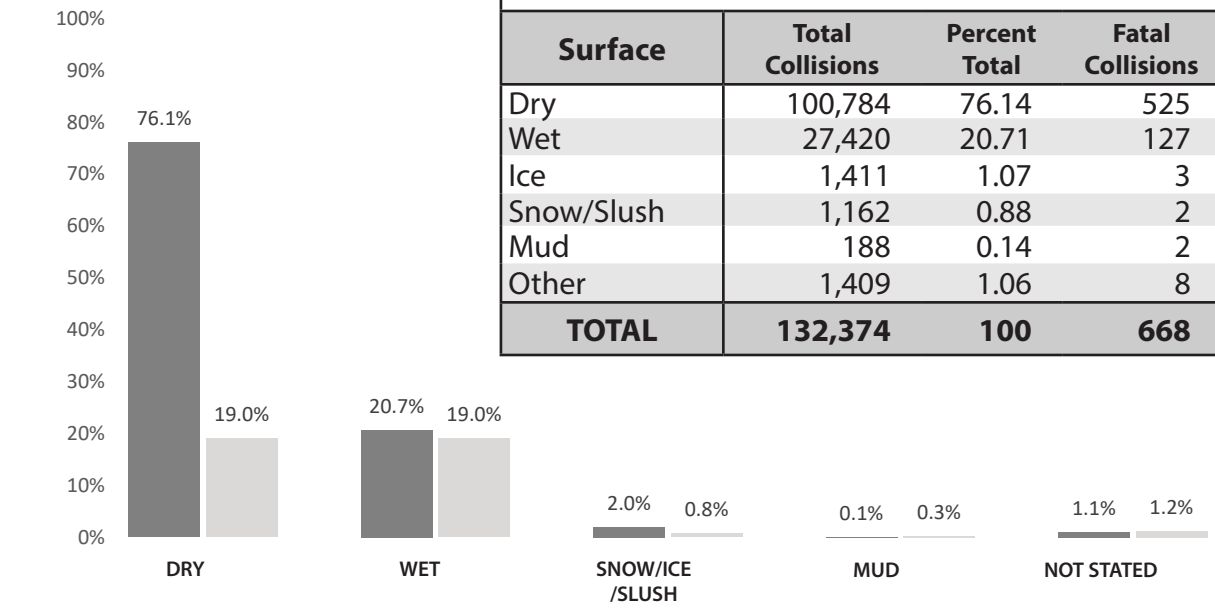
PARKWAY	Collisions	Fatal Collisions	Nonfatal Injury	Property Damage	Number Killed	Number Injured
Audubon	51	0	8	43	0	16
Martha L. Collins Bluegrass	249	5	38	206	6	46
Louie B. Nunn Cumberland	174	1	23	150	1	36
Hal Rogers Daniel Boone	92	2	22	68	2	41
William H. Natcher Green River	269	1	38	230	1	53
Bert T. Combs Mountain	108	1	19	88	1	28
Edward T. Breathitt Pennyrile	130	1	12	117	3	18
Julian M. Carroll Purchase	188	3	51	134	3	68
Wendell H. Ford Western Kentucky	291	1	56	234	1	74
TOTAL	**1,552**	**15**	**267**	**1,270**	**18**	**380**

COLLISIONS BY ROADWAY CONDITIONS AND ROADWAY CHARACTER

The charts below depict percentages and numbers of all collisions and fatal collisions according to the conditions and character of the roadway on which the collision occurred.

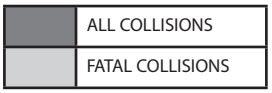
The road conditions chart compares fatal collisions with all collisions for different road conditions identified by the police officer who completed the collision investigation report.

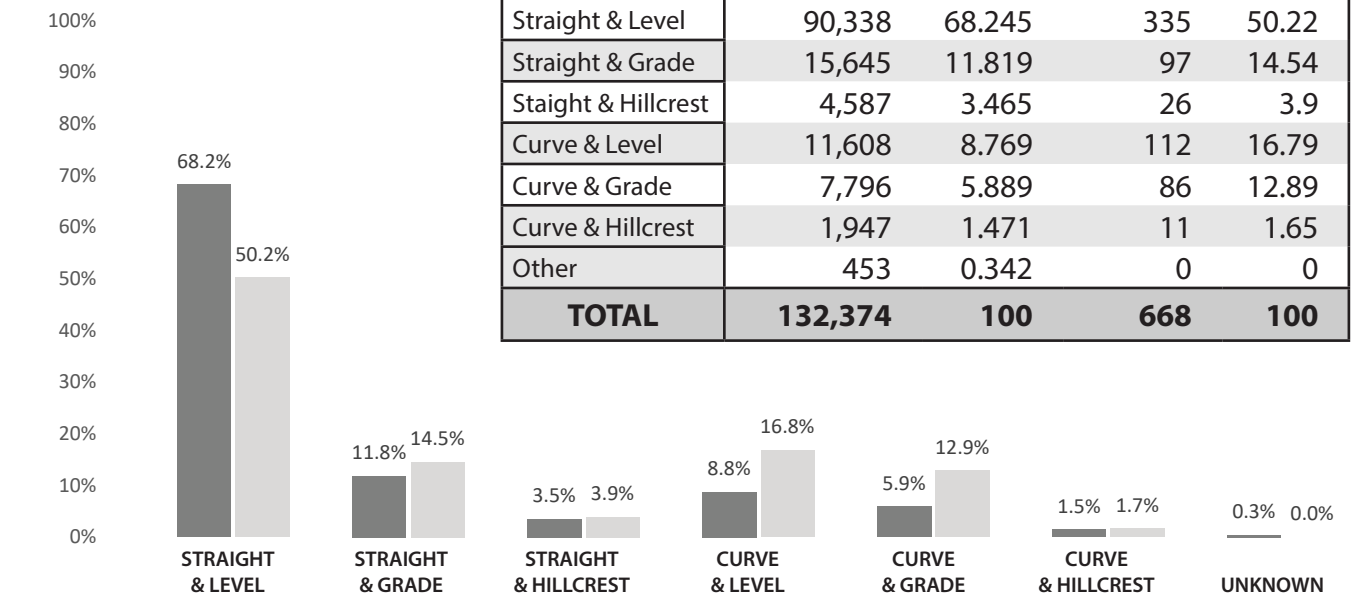
As depicted in the bottom chart, **84%** of all collisions occurred on straight roads and **16%** on curved roads. **31%** of the fatal collisions occurred on curved roads.



Collisions by Roadway Surface

Surface	Total Collisions	Percent Total	Fatal Collisions	Percent Total
Dry	100,784	76.14	525	78.71
Wet	27,420	20.71	127	19.04
Ice	1,411	1.07	3	0.45
Snow/Slush	1,162	0.88	2	0.3
Mud	188	0.14	2	0.3
Other	1,409	1.06	8	1.2
TOTAL	**132,374**	**100**	**668**	**100**





Collisions by Roadway Character

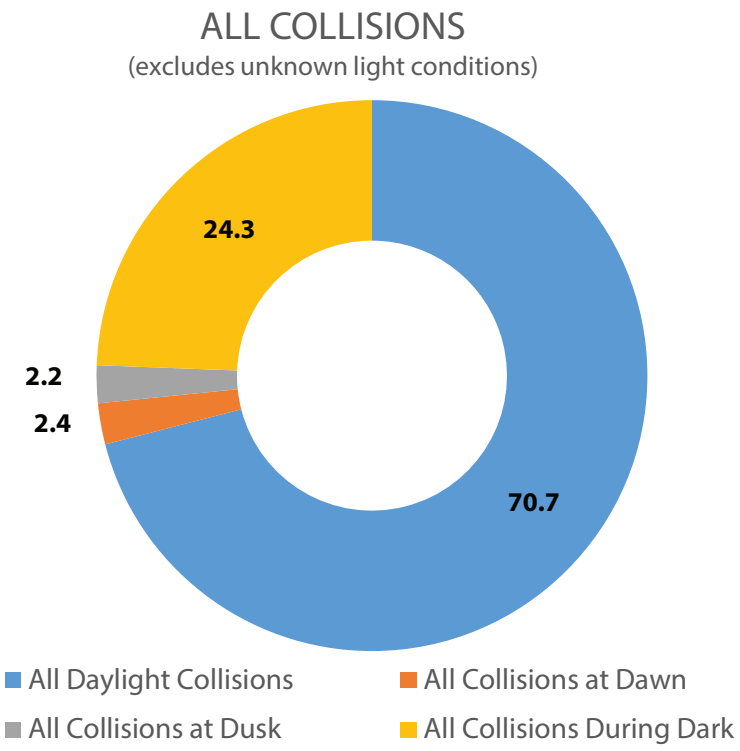
Terrain	Total Collisions	Percent Total	Fatal Collisions	Percent Total
Straight & Level	90,338	68.245	335	50.22
Straight & Grade	15,645	11.819	97	14.54
Staight & Hillcrest	4,587	3.465	26	3.9
Curve & Level	11,608	8.769	112	16.79
Curve & Grade	7,796	5.889	86	12.89
Curve & Hillcrest	1,947	1.471	11	1.65
Other	453	0.342	0	0
TOTAL	**132,374**	**100**	**668**	**100**

COLLISIONS BY LIGHT CONDITION

~71% of all collisions reported occurred during daylight hours.

~24% of all collisions occurred during dark hours.

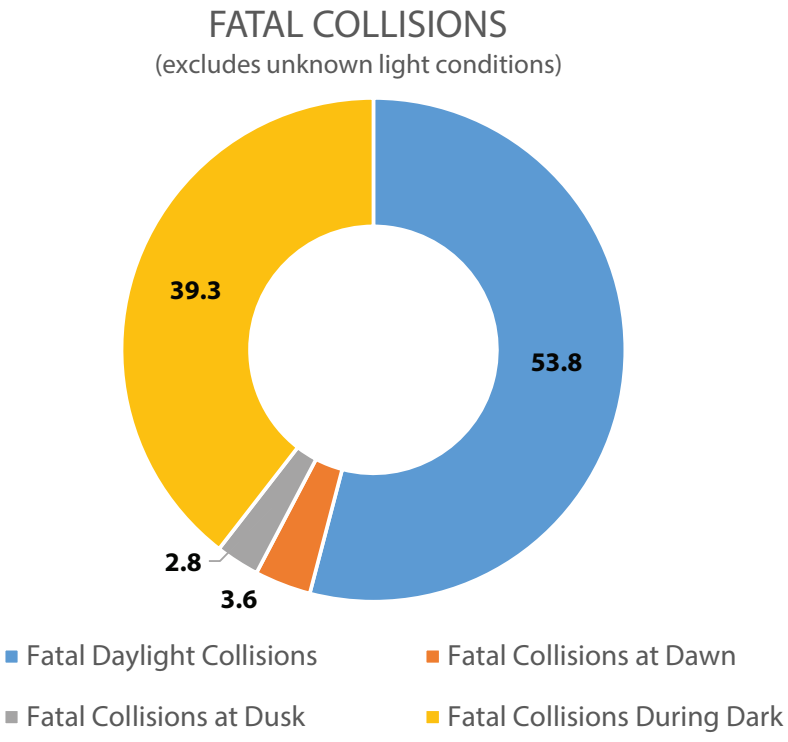
Condition	Number	Percent
All Daylight Collisions	93,542	70.7
All Collisions at Dawn	3,112	2.4
All Collisions at Dusk	2,977	2.2
All Collisions During Dark	32,153	24.3
Other/ Unknown	590	0.4



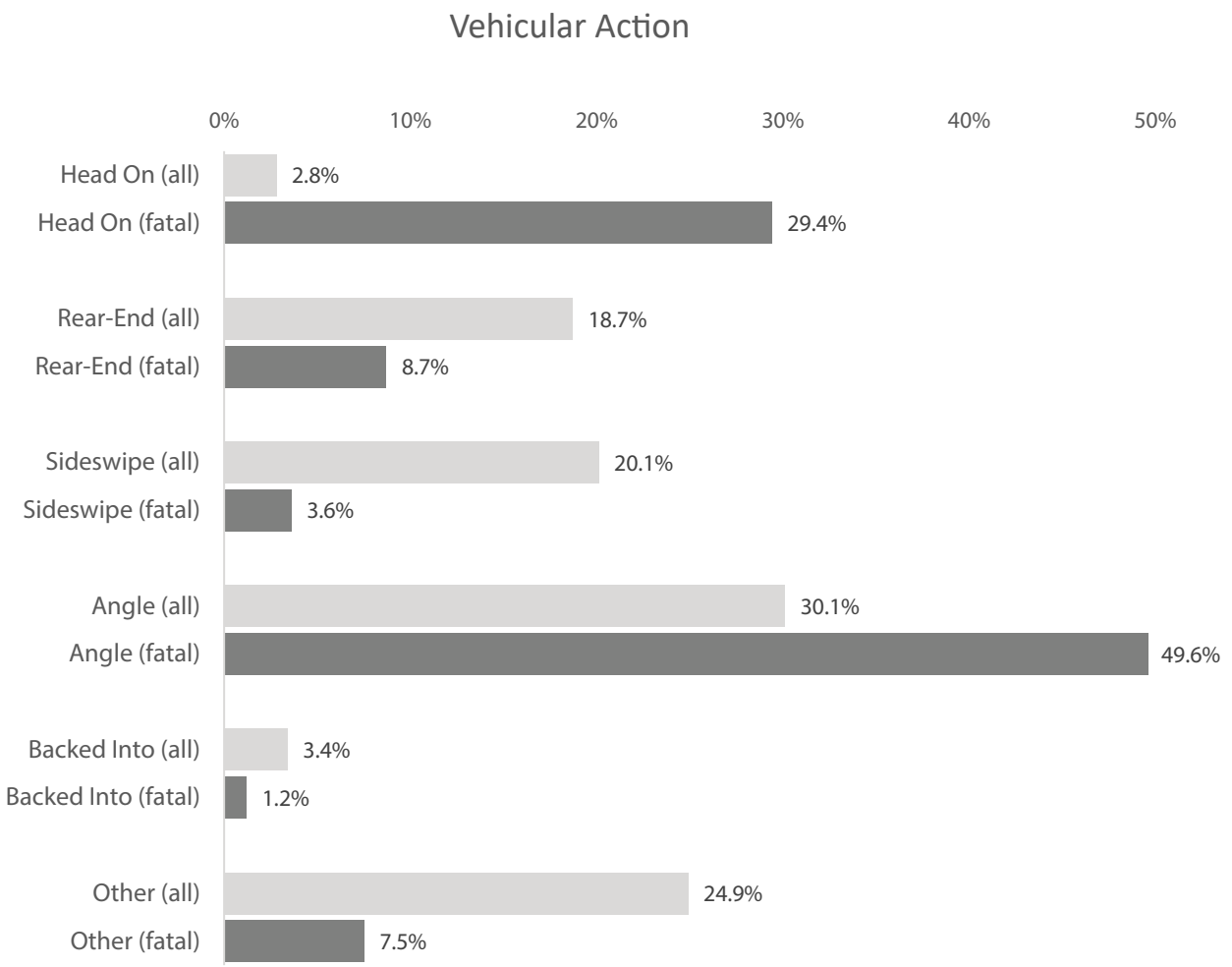
~54% of all fatal collisions occurred during daylight hours.

~39% occurred during dark hours.

Condition	Number	Percent
Fatal Daylight Collisions	359	53.8
Fatal Collisions at Dawn	24	3.6
Fatal Collisions at Dusk	19	2.8
Fatal Collisions During Dark	262	39.3
Other/ Unknown	3	0.4



TWO-VEHICLE COLLISIONS



The above chart depicts the vehicular action for these collisions, where known.

• **80,918** traffic collisions (including **252** fatal collisions) reported this year involved "two-vehicle" collisions. These collisions represent **61%** of all collisions and **38%** of fatal collisions reported.

• Head-on collisions accounted for **~3%** of all collisions involving two vehicles but **~29%** of fatal collisions.

• Rear-end collisions reflect **~19%** of all two-vehicle collisions, but only **~9%** of fatal collisions.

• Sideswipe collisions (both meeting and passing) reflect **~20%** of all collisions and **~4%** of the fatal collisions.

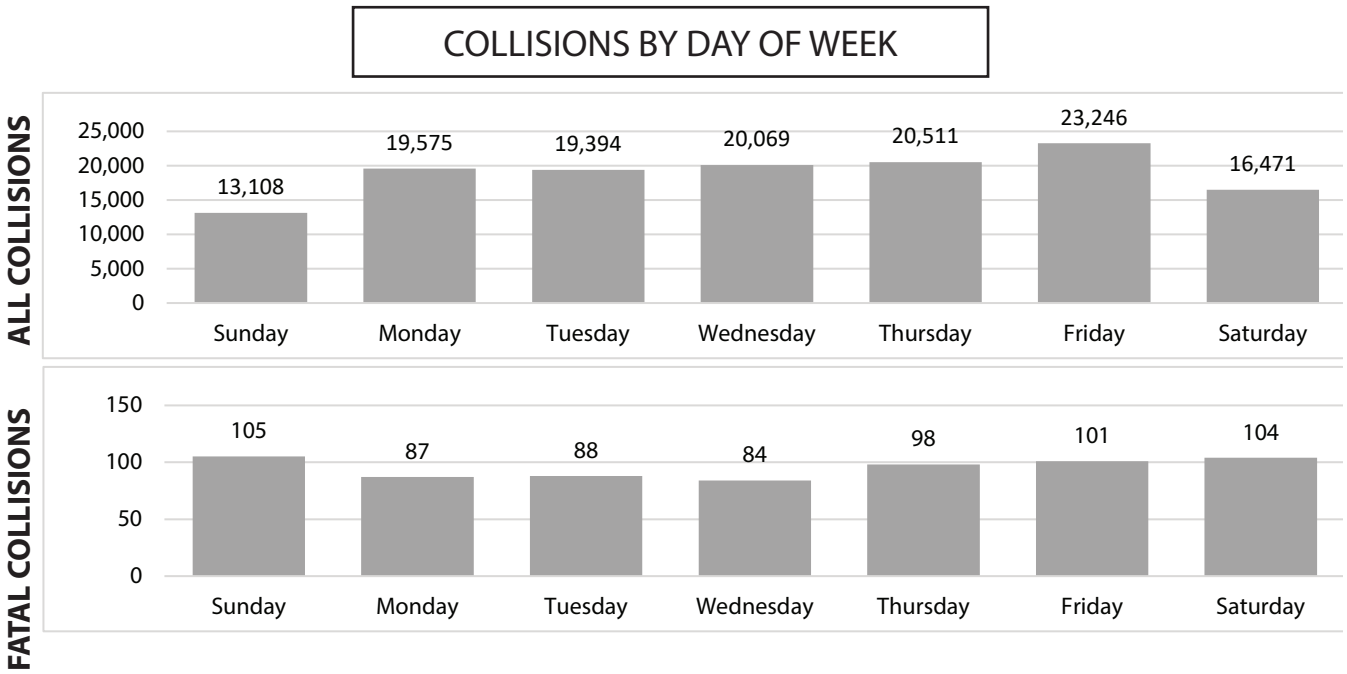
• Angle collisions, account for **~30%** of all two-vehicle collisions, but represent the highest percentage of fatal collisions at nearly **50%.**

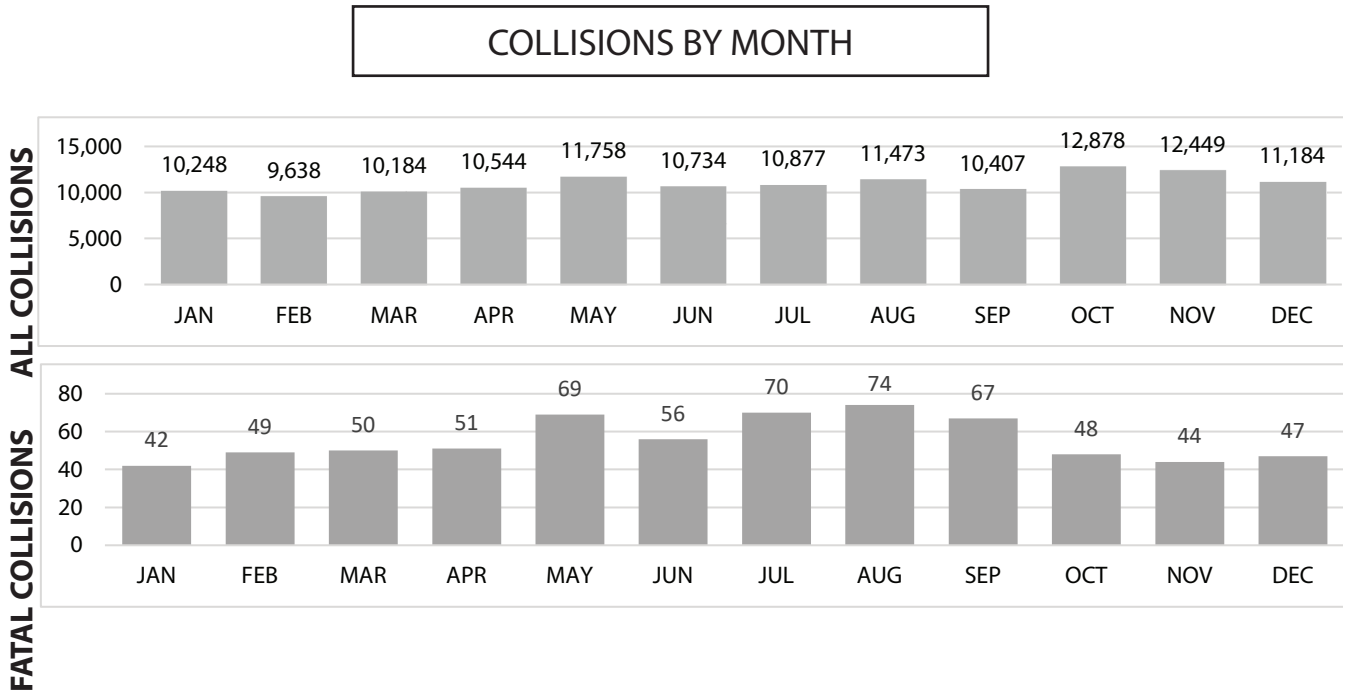
COLLISIONS BY DAY AND MONTH

22% of all collisions and **31%** of fatal collisions occurred on weekends (Saturday and Sunday combined).

Most collisions happened in **October**, but most fatal collisions occured in **August**.

The graphs below shows all collisions and fatal collisions by day of occurrence (excluding unknown).





HOLIDAY COLLISIONS

TOTAL DEATHS

HOLIDAY DEATH TOLL

The chart below depicts the number of deaths in fatal collisions and the number of alcohol involved deaths (as indicated by blood-alcohol tests) over holiday periods for five years.

HOLIDAY PERIOD	2015		2016		2017		2018		2019	
	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved
NEW YEAR'S DAY	13	6	3	2	9	1	4	1	6	2
MEMORIAL DAY	9	3	6	3	4	2	9	5	14	4
INDEPENDENCE DAY	9	1	10	2	14	4	2	0	13	4
LABOR DAY	10	3	8	2	8	4	3	0	8	3
THANKSGIVING	8	2	5	3	4	1	7	2	5	0
CHRISTMAS	3	2	6	3	7	1	9	0	0	0
TOTAL	52	17	38	15	46	13	34	8	46	13

HOLIDAY TIMES AND DATES

The times and dates below were designated by the National Safety Council.

HOLIDAY	BEGINS	ENDS
New Year's Day	Begins: 6 p.m. Friday, Dec. 28, 2018	Ends: 11:59 p.m. Tuesday, Jan.1, 2019
Memorial Day	Begins: 6 p.m. Friday, May 24, 2019	Ends: 11:59 p.m. Monday, May 27, 2019
Independence Day	Begins: 6 p.m. Wednesday, July 3, 2019	Ends: 11:59 p.m. Sunday, July 7, 2019
Labor Day	Begins: 6 p.m. Friday, Aug. 30, 2019	Ends: 11:59 p.m., Monday, Sept. 2, 2019
Thanksgiving	Begins: 6 p.m. Wednesday, Nov. 27, 2019	Ends: 11:59 p.m. Sunday, Dec. 1, 2019
Christmas	Begins: 6 p.m. Tuesday, Dec. 24, 2019	Ends: 11:59 p.m. Wednesday, Dec. 25, 2019

COMPARISON OF HOLIDAY FATALITIES/COLLISIONS

These numbers may be impacted by how many days are included in the Holiday Times outlined by the National Safety Council.

https://injuryfacts.nsc.org/motor-vehicle/holidays/holiday-introduction/

HOLIDAY PERIOD	NEW YEAR'S DAY	MEMORIAL DAY	INDEPENDENCE DAY	LABOR DAY	THANKSGIVING	CHRISTMAS
NO. PERSONS KILLED	6	14	13	8	5	-
NO. PERSONS INJURED	253	308	270	257	335	74
FATAL COLLISIONS	6	10	10	8	5	-
INJURY COLLISIONS	166	182	171	169	222	53
PROPERTY DAMAGE	844	730	779	622	1,026	182
TOTAL COLLISIONS	1,016	922	960	800	1,253	235

TYPE OF VEHICLES INVOLVED IN COLLISIONS

VEHICLE TYPE	VEHICLES INVOLVED IN ALL COLLISIONS	PERCENT OF TOTAL	VEHICLES INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL
Passenger Cars *	219,395	90.84	832	71.85
Taxicabs	57	0.02	-	-
Trucks	10,650	4.41	105	9.07
Motorcycles	1,460	0.60	86	7.43
Motor Schooters/Motor Bikes	272	0.11	8	0.69
School Buses	390	0.16	1	0.09
Other Buses	1,240	0.51	5	0.43
Farm Tractors/Equipment	233	0.10	6	0.52
Emergency	1,410	0.58	8	0.69
Other Public Owned	246	0.10	3	0.26
Go Carts	11	-	1	0.09
Other	6,151	2.55	103	8.89
Not Stated	-	-	-	-
TOTAL	241,515	100	1,158	100

• There were **241,515** vehicles involved in collisions this year.

• Of this total, **199,203** were involved in property damage only collisions, **41,154** were involved in injury collisions, and **1,158** were involved in fatal collisions.

• The majority (**91%**) of the vehicles involved in all collisions were passenger cars (**72%** in fatal collisions).

• Trucks accounted for **4%** of vehicles in all collisions, but accounted for **9%** of vehicles in fatal collisions.

• Motorcycles represented **7%** of the vehicles in fatal collisions, but **less than 1%** of vehicles in all collisions.

VEHICLES REGISTERED IN KENTUCKY	
Passenger Cars	2,293,015
Commercial Trucks	178,523
Motorcycles	87,090
Other (Inc. Special Issue Plates)	1,454,150
Total (All Types)	**4,012,778**

* Passenger cars include automobiles and trucks registered for 6,000 pounds or less.

TRUCK COLLISIONS

Contributing vehicular factors, as noted by the investigating officer on the collision report, are shown below for collisions involving trucks. A truck is defined as a vehicle with a registered weight of 10,000 pounds or more. Up to two factors may be noted for each vehicle in the collision. The number represents the number of trucks with the given factor, and the percentage is the percent of all trucks with that factor.

10,689 truck related factors were involved in collisions, 106 in fatal collisions, and 1,419 in non-fatal injury collisions.

CONTRIBUTING VEHICULAR FACTORS	NUMBER OF TRUCKS INVOLVED IN:					
	ALL COLLISIONS		FATAL COLLISIONS		NONFATAL INJURY COLLISIONS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
Defective Brakes	81	0.76	3	2.83	13	0.92
Defective Headlights	3	0.03	-	-	1	0.07
Other Lighting Defects	19	0.18	-	-	4	0.28
Steering Failure	21	0.20	-	-	5	0.35
Tire Failure	137	1.28	1	0.94	16	1.13
Tow Hitch Failure	33	0.31	-	-	2	0.14
Overload / Improper Load	6	0.06	-	-	-	-
Oversized Load	40	0.37	-	-	1	0.07
Load Securment	128	1.20	-	-	11	0.78
Other	284	2.66	2	1.89	31	2.18

The chart below shows the total number of truck collisions, as well as those with hazardous cargo, by type of roadway.

20% of all truck collisions occurred on county or city streets, 30% on interstates, and 46% on U.S. and state-numbered routes.

34% of the hazardous cargo collisions occurred on interstates and 54% on U.S. and state-numbered routes.

TYPE OF ROADWAY	ALL TRUCK COLLISIONS				TRUCKS WITH HAZARDOUS CARGO			
	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE	TOTAL	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE	TOTAL
Interstate	23	418	2,461	2,902	-	9	51	60
US Route	21	260	1,450	1,731	-	10	38	48
State Route	44	456	2,310	2,810	-	14	33	47
Parkway	7	35	174	216	2	-	1	3
County	-	47	407	454	-	1	6	7
City Street	3	87	1,429	1,519	-	1	9	10
Other	-	16	173	189	-	-	2	2
TOTAL	**98**	**1,319**	**8,404**	**9,821**	**2**	**35**	**140**	**177**

The residence of truck drivers involved in collisions is shown below. 39% of the drivers, with known residences, were non-residents of Kentucky. This percentage is 34% for fatal collisions and 36% for injury collisions.
Local residents live in the county where the collision occurred.

RESIDENCE OF DRIVERS IN TRUCK COLLISIONS	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS
Local Resident	2,519	20	385
State Resident	3,206	45	451
Out of State Resident	4,110	36	513
Not Stated	815	4	64
TOTAL	**10,650**	**105**	**1,413**

DRIVER INVOLVEMENT

RESIDENCE OF DRIVER

There were **220,188** drivers involved in collisions. Of these, **1,046** drivers were involved in fatal collisions. The chart below tabulates driver involvement by residence and shows that most drivers (**~65%** of those in which residence is known) were local residents (reside in the county where the collision occurred).

Many drivers in the **Unknown/Not Stated** category are the result of hit-and-run collisions where the drivers' identities remain unknown. There may be fewer drivers than vehicles because of collisions with unoccupied vehicles (generally a parked vehicle).

INVOLVEMENT BY RESIDENCE

RESIDENCE OF DRIVER	NUMBER INVOLVED IN ALL COLLISIONS	PERCENT OF TOTAL	PERCENT OF TOTAL EXCLUDING NOT STATED
LOCAL RESIDENT	142,957	64.92	64.93
STATE RESIDENT	51,532	23.4	23.41
OUT OF STATE	25,671	11.66	11.66
UNKNOWN/NOT STATED	28	0.01	0.01
TOTAL	220,188	100	100

RESIDENCE OF DRIVER	NUMBER INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL	PERCENT OF TOTAL EXCLUDING NOT STATED
LOCAL RESIDENT	602	57.55	57.55
STATE RESIDENT	304	29.06	29.06
OUT OF STATE	140	13.38	13.38
UNKNOWN/NOT STATED	-	0	0
TOTAL	1,046	100	100

SEX OF DRIVER

ALL COLLISIONS		
SEX	NUMBER IN ALL COLLISIONS	PERCENT IN ALL COLLISIONS
MALE	122,948	55.84
FEMALE	96,898	44.01
NOT STATED	342	0.16
TOTAL	**220,188**	**100**

FATAL COLLISIONS		
SEX	NUMBER IN FATAL COLLISIONS	PERCENT IN FATAL COLLISIONS
MALE	770	*73.61*
FEMALE	276	26.39
NOT STATED	-	0
TOTAL	**1,046**	**100**

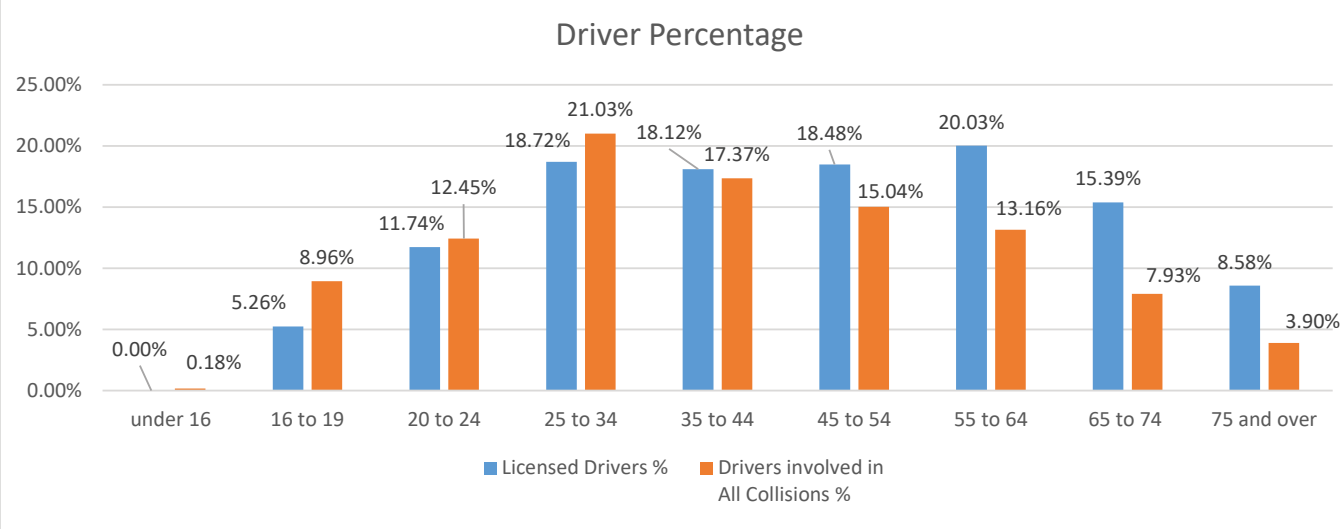
AGE OF DRIVERS
(ALL COLLISIONS)

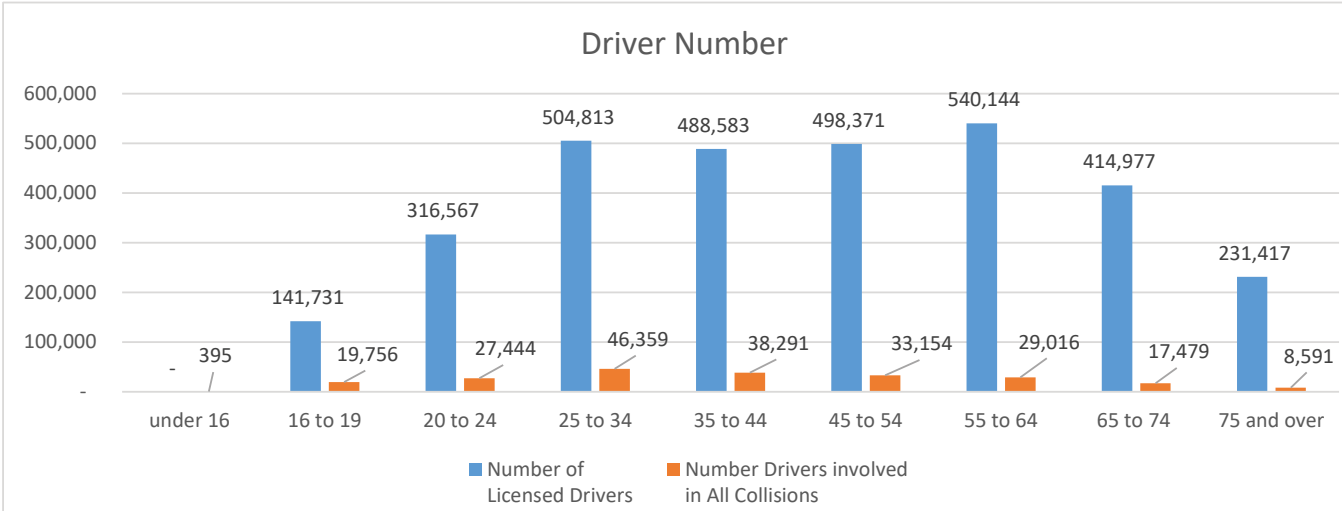
The chart below groups the ages of **220,485** drivers involved in traffic collisions this year in Kentucky (for which age information was available).

For each age category, the following information is shown: the percentage of drivers involved in all collisions, the number of drivers involved in these collisions is shown in parentheses, the percentage of all licensed drivers, and the number of licensed drivers is shown in parentheses (includes learner permits). This allows a comparison to be made between the percentage of a given age category of the driving population and the corresponding percentage this age category is involved in collisions.

This data does not differentiate drivers "at-fault" versus drivers "not-at-fault."

There were **711** driver's ages which could not be determined. These drivers represent **0.32%** of all drivers involved in all collisions. The percentages given below do not consider the "Unknown" category.





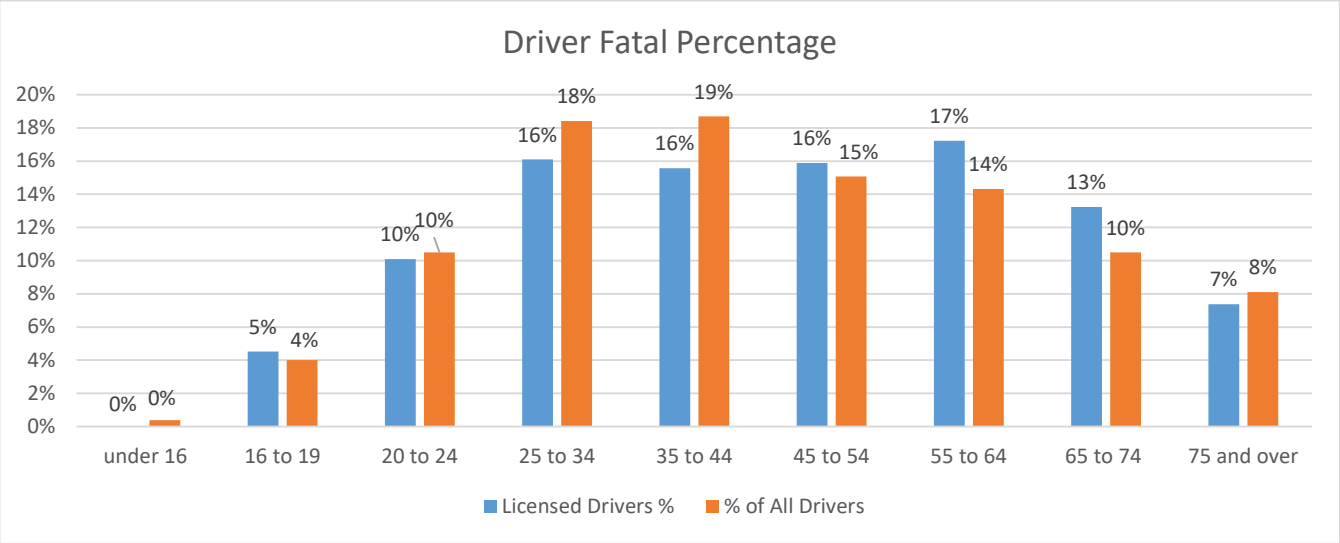
NOTE: PERCENTAGE OF LICENSED DRIVERS IN EACH AGE CATEGORY ARE BASED ON 3,202,620 DRIVERS LICENSED IN KENTUCKYTHIS YEAR. (Includes learner permits.)

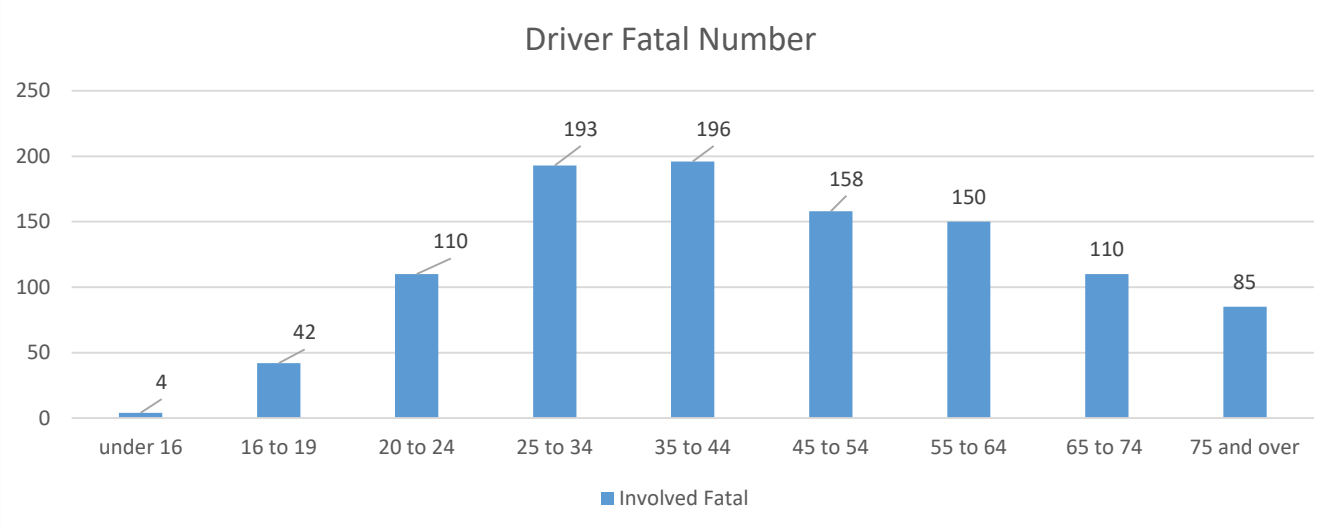
AGE OF DRIVERS
(FATAL COLLISIONS)

The chart below groups the ages of **1,048** drivers involved in fatal collisions this year (for which age information was available). It should be noted that the drivers were not necessarily killed in the fatal collision.

The number of drivers involved in fatal collisions may exceed the total number of fatal collisions.

The percentage of the driving population within a given age category can be compared to the corresponding percentage of involvement in fatal collisions within this same age category.

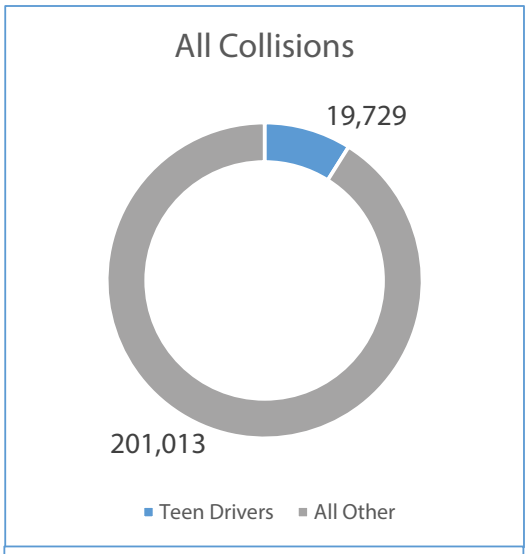


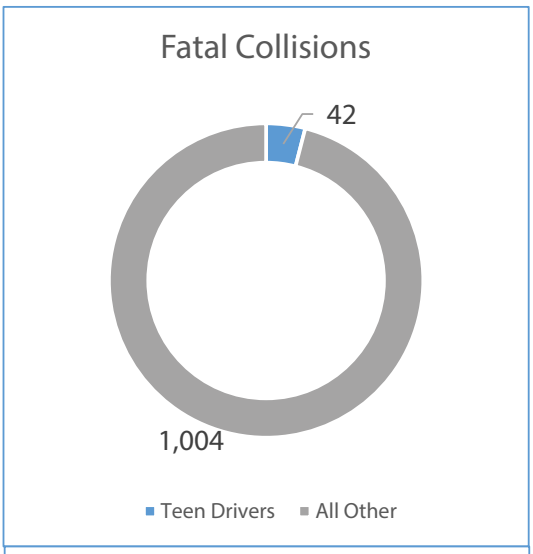


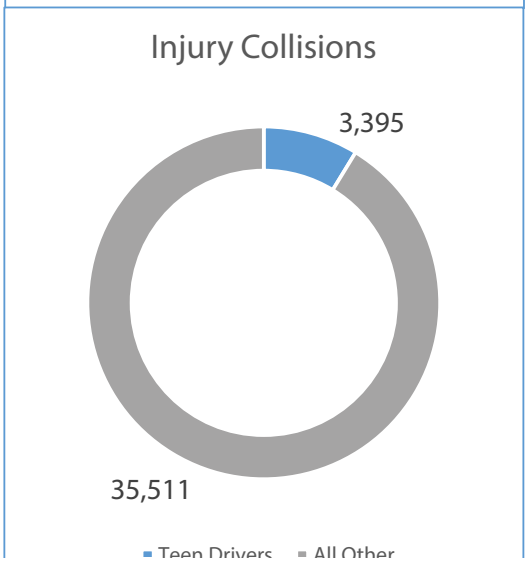
NOTE: PERCENTAGE OF LICENSED DRIVERS IN EACH AGE CATEGORY ARE BASED ON 3,202,620 DRIVERS LICENSED IN KENTUCKYTHIS YEAR. (Includes learner permits.)

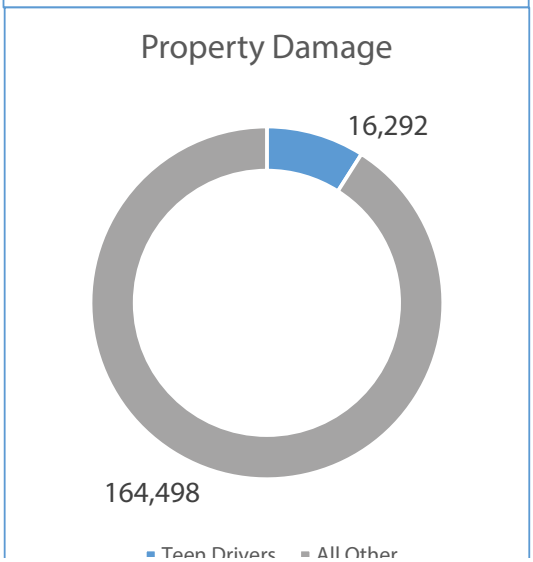
COLLISIONS INVOLVING TEENAGE DRIVERS

The charts below show the percentages of teenage drivers involved in collisions (16 to 19 years of age) compared with all other age groups. Licensed teenage drivers represent **4%** of Kentucky Drivers (including learner's permits).









The number of teenage drivers involved in collisions, together with alcohol-related collisions, are shown below. It should be noted that tabulations for alcohol-related collisions were derived from the total number of drinking drivers as reported by the officer at the scene. FARS would likely report higher numbers. As shown, **233** teenage drivers were involved in alcohol-related collisions this year.

There were 42 fatalities in collisions involving a teenage driver (19 of these fatalities being the teenage driver).
There were 10 fatalities in alcohol-related collisions involving teenage drivers (2 of these fatalities being the teenage driver).

NUMBER OF TEENAGE DRIVERS INVOLVED IN:								
YEAR	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE	ALCOHOL RELATED COLLISIONS			
					FATAL	INJURY	PROPERTY DAMAGE	TOTAL
2019	**19,729**	**42**	**3,395**	**16,292**	**4**	**80**	**149**	**233**
2018	20,191	59	3,521	16,611	3	95	152	250
2017	21,325	79	3,760	17,486	12	98	140	250
2016	21,565	65	3,958	17,542	5	103	155	263
2015	20,628	63	3,763	16,802	5	100	180	285

ALCOHOL-RELATED COLLISIONS

An alcohol-related collision is any collision where a driver was determined to have been drinking. For injury and property damage collisions, the following information gives the determination made at the scene by the investigating officer and given on the collision report. However, more detailed information regarding drinking drivers in fatal collisions is obtained from FARS, which follows up on blood alcohol content (BAC) results.

Alcohol-related collisions are listed by county beginning on page 40. The following information has been adjusted to agree with FARS statistics involving fatal collisions; therefore, these numbers may not agree with previously listed state totals.

ALL COLLISIONS	
FATAL COLLISIONS (as reported)	122
FATAL COLLISIONS (adjusted by FARS)	112
INJURY COLLISIONS	1,550
PROPERTY DAMAGE COLLISIONS	3,041
TOTAL (adjusted by FARS)	**4,703**

PERSONS KILLED/INJURED	
(K) NUMBER KILLED *(as reported)*	140
(K) NUMBER KILLED *(adjusted by FARS)*	135
(A) SUSPECTED SERIOUS INJURY	425
(B) SUSPECTED MINOR INJURY	913
(C) POSSIBLE INJURIES	958
TOTAL INJURIES *(with data adjusted by FARS)*	**2,431**

The total number of alcohol involved collisions is depicted in the upper left chart. The number of persons killed and injured in alcohol involved collisions is depicted in the right-hand chart.

2% of the alcohol-related collisions were fatal, **33%** were injury collisions, and **65%** were property damage only.

Comparison with previous years

Alcohol-related collisions **decreased** when compared the previous year.

There were **112** persons killed, **11%** less than the previous year.

There were **2,431** persons injured in alcohol-related collisions, **an increase of~1%** from the previous year.

Fatal collision data in the chart below have been adjusted by FARS to reflect follow-up studies of alcohol test results using FARS data. As a result, this table may differ from data collected at the time of the crash displayed above.

YEAR	TOTAL COLLISIONS (Alcohol Related)	% CHANGE FROM PREVIOUS YEAR	TOTAL KILLED	% +/-	TOTAL INJURED	% +/-
2019	**4,703**	**1.0%**	**112**	**-11%**	**2,431**	**1%**
2018	4,736	0.9%	124	-27%	2,406	-16%
2017	5,350	1.4%	157	-9%	2,781	29%
2016	4,243	1.0%	171	-2%	1,974	-5%
2015	4,269	1.0%	175	11%	2,072	0%

SAFETY RESTRAINTS

The chart below compares safety belt usage for the past 5 years.

The data were obtained as part of an annual observational survey conducted at sites across Kentucky.

YEAR	ALL USING SAFETY BELT
2019	89.7%
2018	89.9%
2017	86.8%
2016	87.0%
2015	87.0%

YEAR	PICKUPS USING SAFETY BELT
2019	83.7%
2018	80.5%
2017	78.8%
2016	79.0%
2015	78.0%

YEAR	MOTORCYCLE USING HELMET
2019	No New Data Collected
2018	No New Data Collected
2017	60.0%
2016	59.0%
2015	68.0%

The chart below shows vehicle occupants by their injury status, and separates the occupants into categories of restraint used and restraint not used.

Overall, **8.6%** of all vehicle occupants were killed or injured. A breakdown into restraint usage shows only **9.5%** of those restrained were killed or injured, compared to **49.3%** of those not restrained.

Comparing the percentages killed or injured in the "Restraint Used" and "Restraint Not Used" categories shows the benefit of wearing a safety belt. The "NOT APPLICABLE" category includes occupants in vehicles that normally do not contain safety restraints, occupants where safety restraints usage was not indicated, occupants not in an appropriate position, or pedestrians and pedalcyclist.

Only ~36% of people killed were wearing a safety restraint.

INJURY STATUS	ALL OCCUPANTS		RESTRAINT USED		RESTRAINT NOT USED		NOT APPLICABLE	
	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL
(K) KILLED	732	0.19	266	0.09	274	5.52	192	0.2
(A) SUSPECTED SERIOUS INJURY	2,736	0.7	1,451	0.49	602	12.13	683	0.73
(B) SUSPECTED MINOR INJURY	12,257	3.12	10,109	3.44	839	16.91	1,309	1.39
(C) POSSIBLE INJURY	17,878	4.55	16,103	5.49	729	14.69	1,046	1.11
(O) NOT INJURED	359,020	91.44	265,537	90.48	2,517	50.74	90,966	96.57
TOTAL	**392,623**	**100**	**293,466**	**100**	**4,961**	**100**	**94,196**	**100**

Airbags

There were **21,166** crashes involving deployment of front air bags and **9,371** crashes involving side air bag deployment.

INTERSECTION COLLISIONS*

INTERSECTION COLLISIONS	NUMBER	% OF ALL COLLISIONS
ALL REPORTED	38,451	29.0
NONFATAL INJURY	7,361	32.9
FATAL	122	18.4

SEX OF DRIVER

INTERSECTION COLLISIONS		
SEX	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Male	53.5	71.0
Female	46.5	29.0

ALL COLLISIONS		
SEX	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Male	55.9	73.6
Female	44.1	26.4

LIGHT CONDITION

INTERSECTION COLLISIONS		
LIGHT CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Daylight	74.7	59.8
Dark	20.6	36.1
Dusk / Dawn	4.7	4.1

ALL COLLISIONS		
LIGHT CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Daylight	72.1	55
Dark	23.2	38.4
Dusk / Dawn	4.7	6.6

ROADWAY CONDITION

INTERSECTION COLLISIONS		
ROADWAY CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Dry	78.7	81.1
Wet	19.6	18.9
Snow / Ice / Slush	1.1	0

ALL COLLISIONS		
ROADWAY CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Dry	76.1	78.7
Wet	20.7	19
Snow / Ice / Slush	1.9	0.7

WEEKEND COLLISIONS (Saturday and Sunday)

INTERSECTION COLLISIONS		
	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Weekend	21.4	23.8

ALL COLLISIONS		
	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Weekend	22.3	31.3

* As coded on the crash report

CONTRIBUTING FACTORS

CONTRIBUTING FACTORS

A variety of factors and conditions can contribute to a collision. **Police officers may indicate up to three driver factors for each driver, two vehicular factors for each vehicle, and up to two environmental factors for each collision.**

This table gives the number of collisions in which a given factor was listed at least once.

HUMAN FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
ALCOHOL INVOLVEMENT +	3,494	2.64	80	11.99
CELL PHONE	989	0.75	6	0.9
DISREGARD TRAFFIC CONTROL	3,891	2.94	32	4.8
DISTRACTION	5,861	4.43	12	1.8
DRIVER INATTENTION	49,407	37.32	125	18.74
DRUG INVOLVEMENT	1,532	1.16	52	7.8
EMOTIONAL	584	0.44	5	0.75
FAILURE TO YIELD	14,918	11.27	72	10.79
FATIGUE	696	0.53	5	0.75
FELL ASLEEP	1,308	0.99	7	1.05
FOLLOWING TO CLOSE	8,988	6.79	4	0.6
IMPROPER BACKING	1,532	1.16	2	0.3
IMPROPER PASSING	1,263	0.95	11	1.65
LOST CONSCIOUSNESS	684	0.52	17	2.55
MEDICATION	187	0.14	1	0.15
MISJUDGE CLEARANCE	10,401	7.86	19	2.85
NOT UNDER CONTROL	16,261	12.28	210	31.48
OVERCORRECTING	2,530	1.91	60	9
PHYSICAL DISABILITY	187	0.14	2	0.3
SICK	248	0.19	7	1.05
TOO FAST FOR CONDITION	4,188	3.16	37	5.55
TURNING IMPROPERLY	1,966	1.49	1	0.15
UNSAFE SPEED	1,192	0.9	76	11.39
WEAVING IN TRAFFIC	177	0.13	1	0.15

+ This data is reported by KSP and may differ from FARS adjusted data listed on page 22.

CONTRIBUTING FACTORS
(continued)

A variety of factors and conditions can contribute to a collision. **Police officers may indicate up to three driver factors for each driver, two vehicular factors for each vehicle, and up to two environmental factors for each collision.**

This table gives the number of collisions in which a given factor was listed at least once.

VEHICULAR FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
BRAKES DEFECTIVE	1,762	1.33	6	0.9
HEADLIGHT FAILURE	88	0.07	3	0.45
LOAD SECUREMENT	347	0.26	0	0
OTHER LIGHTING DEFECT	111	0.08	3	0.45
OVERSIZED LOAD	89	0.07	0	0
OVERWEIGHT	13	0.01	0	0
STEERING FAILURE	487	0.37	1	0.15
TIRE FAILURE /INADEQUATE	774	0.58	4	0.6
TOW HITCH DEFECTIVE	84	0.06	0	0

ENVIRONMENTAL FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
ANIMALS ACTION	6,987	5.28	8	1.2
GLARE	1,420	1.07	12	1.8
VIEW OBSTRUCTED	1,705	1.29	21	3.15
DEBRIS IN ROADWAY	1,111	0.84	7	1.05
TRAFFIC CONTROLS NW	95	0.07	0	0
SHOULDERS DEFECTIVE	276	0.21	6	0.9
HOLES/DEEP RUTS/BUMPS	164	0.12	2	0.3
ROADWAY CONSTRUCTION	1,023	0.77	7	1.05
MAINTENANCE/UTILITY	271	0.2	1	0.15
IMPROPERLY PARKED VEH	394	0.3	2	0.3
FIXED OBJECT(S)	191	0.14	2	0.3
SLIPPERY SURFACE	11,974	9.05	67	10.04
WATER POOLING	1,875	1.42	10	1.5

CONTRIBUTING FACTORS

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING EMERGENCY VEHICLES	
TOTAL EMERGENCY VEHICLE COLLISIONS	1,306
FATAL COLLISIONS	8
INJURY COLLISIONS	183
TOTAL KILLED	9
TOTAL INJURED	327

EMERGENCY VEHICLE COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	30	2.3	0	0
Cell Phone	8	0.61	0	0
Disregard Traffic Control	51	3.91	0	0
Distraction	70	5.36	0	0
Drug Involvement	23	1.76	0	0
Emotional	13	1	0	0
Exceeded Stated Speed Limit	14	1.07	1	12.5
Failed to Yield Right of Way	137	10.49	1	12.5
Fatigue	4	0.31	0	0
Fell Asleep	7	0.54	0	0
Following Too Close	42	3.22	0	0
Improper Backing	34	2.6	0	0
Improper Passing	13	1	0	0
Inattention	367	28.1	2	25
Lost Consciousness/Fainted	3	0.23	1	12.5
Medication	2	0.15	0	0
Misjudge Clearance	220	16.85	0	0
Not Under Proper Control	99	7.58	2	25
Overcorrecting/Oversteering	17	1.3	0	0
Physical Disability	2	0.15	0	0
Sick	2	0.15	1	12.5
Too Fast for Conditions	35	2.68	2	25
Turning Improperly	23	1.76	0	0
Weaving in Traffic	4	0.31	0	0

* "None Detected" not shown.

COLLISIONS INVOLVING FARM EQUIPMENT	
TOTAL FARM EQUIPMENT COLLISIONS	226
FATAL COLLISIONS	6
INJURY COLLISIONS	47
TOTAL KILLED	6
TOTAL INJURED	70

FARM EQUIPMENT COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	4	1.76	0	0
Cell Phone	2	0.88	0	0
Disregard Traffic Control	2	0.88	0	0
Distraction	7	3.08	0	0
Drug Involvement	4	1.76	0	0
Emotional	1	0.44	0	0
Exceeded Stated Speed Limit	4	1.76	1	14.29
Failed to Yield Right of Way	20	8.81	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	7	3.08	0	0
Improper Backing	0	0	0	0
Improper Passing	37	16.3	0	0
Inattention	69	30.4	1	14.29
Lost Consciousness/Fainted	0	0	0	0
Medication	0	0	0	0
Misjudge Clearance	31	13.66	0	0
Not Under Proper Control	25	11.01	1	14.29
Overcorrecting/Oversteering	3	1.32	2	28.57
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	3	1.32	0	0
Turning Improperly	2	0.88	0	0
Weaving in Traffic	1	0.44	0	0

* "None Detected" not shown.

CONTRIBUTING FACTORS *(continued)*

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING SCHOOL BUSES	
TOTAL SCHOOL BUS COLLISIONS	387
FATAL COLLISIONS	1
INJURY COLLISIONS	39
TOTAL KILLED	1
TOTAL INJURED	71

SCHOOL BUS COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	0	0	0	0
Cell Phone	2	0.52	0	0
Disregard Traffic Control	6	1.55	0	0
Distraction	16	4.13	0	0
Drug Involvement	0	0	0	0
Emotional	0	0	0	0
Exceeded Stated Speed Limit	0	0	0	0
Failed to Yield Right of Way	32	8.27	0	0
Fatigue	0	0	0	0
Fell Asleep	1	0.26	0	0
Following Too Close	9	2.33	0	0
Improper Backing	10	2.58	0	0
Improper Passing	3	0.78	0	0
Inattention	137	35.4	0	0
Lost Consciousness/Fainted	0	0	0	0
Medication	1	0.26	0	0
Misjudge Clearance	124	32.04	1	100
Not Under Proper Control	35	9.04	0	0
Overcorrecting/Oversteering	2	0.52	0	0
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	6	1.55	0	0
Turning Improperly	9	2.33	0	0
Weaving in Traffic	0	0	0	0

* "None Detected" not shown.

COLLISIONS INVOLVING ELEMENTARY SCHOOL AGE CHILDREN	
TOTAL ELEM. SCHOOL AGE CHILDREN COLLISIONS	9,105
FATAL COLLISIONS	38
INJURY COLLISIONS	2,006
ALL AGES KILLED	51
6-12 YRS OF AGE KILLED	13
ALL AGES INJURED	4,344
6-12 YRS OF AGE INJURED	1,370

ELEMENTARY SCHOOL AGE CHILDREN COLLISIONS (6 TO 12 YEARS OF AGE)				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	143	1.57	7	18.42
Cell Phone	54	0.59	2	5.26
Disregard Traffic Control	307	3.37	2	5.26
Distraction	565	6.21	1	2.63
Drug Involvement	71	0.78	5	13.16
Emotional	27	0.3	0	0
Exceeded Stated Speed Limit	61	0.67	7	18.42
Failed to Yield Right of Way	1,320	14.5	3	7.89
Fatigue	32	0.35	0	0
Fell Asleep	42	0.46	0	0
Following Too Close	743	8.16	1	2.63
Improper Backing	80	0.88	0	0
Improper Passing	91	1	0	0
Inattention	4,208	46.22	15	39.47
Lost Consciousness/Fainted	29	0.32	0	0
Medication	11	0.12	0	0
Misjudge Clearance	762	8.37	2	5.26
Not Under Proper Control	910	9.99	13	34.21
Overcorrecting/Oversteering	98	1.08	6	15.79
Physical Disability	15	0.16	0	0
Sick	6	0.07	0	0
Too Fast for Conditions	236	2.59	1	2.63
Turning Improperly	149	1.64	0	0
Weaving in Traffic	15	0.16	0	0

* "None Detected" not shown.

CONTRIBUTING FACTORS *(continued)*

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING PEDESTRIANS	
TOTAL PEDESTRIAN COLLISIONS	1,048
FATAL COLLISIONS	79
INJURY COLLISIONS	788
TOTAL KILLED	80
TOTAL INJURED	877

PEDESTRIAN COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	13	1.24	1	1.27
Cell Phone	3	0.29	0	0
Disregard Traffic Control	30	2.86	1	1.27
Distraction	22	2.1	0	0
Drug Involvement	6	0.57	1	1.27
Emotional	14	1.34	2	2.53
Exceeded Stated Speed Limit	7	0.67	3	3.8
Failed to Yield Right of Way	124	11.83	3	3.8
Fatigue	1	0.1	0	0
Fell Asleep	1	0.1	0	0
Following Too Close	3	0.29	0	0
Improper Backing	6	0.57	0	0
Improper Passing	3	0.29	0	0
Inattention	308	29.39	11	13.92
Lost Consciousness/Fainted	2	0.19	1	1.27
Medication	0	0	0	0
Misjudge Clearance	25	2.39	0	0
Not Under Proper Control	50	4.77	6	7.59
Overcorrecting/Oversteering	3	0.29	0	0
Physical Disability	1	0.1	1	1.27
Sick	1	0.1	0	0
Too Fast for Conditions	4	0.38	0	0
Turning Improperly	10	0.95	0	0
Weaving in Traffic	1	0.1	0	0

* "None Detected" not shown.

COLLISIONS INVOLVING BICYCLES	
TOTAL BICYCLE COLLISIONS	347
FATAL COLLISIONS	5
INJURY COLLISIONS	219
TOTAL KILLED	5
TOTAL INJURED	224

BICYCLE COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	1	0.29	0	0
Cell Phone	1	0.29	0	0
Disregard Traffic Control	8	2.31	0	0
Distraction	5	1.44	0	0
Drug Involvement	2	0.58	0	0
Emotional	0	0	0	0
Exceeded Stated Speed Limit	0	0	0	0
Failed to Yield Right of Way	30	8.65	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	2	0.58	0	0
Improper Backing	1	0.29	0	0
Improper Passing	6	1.73	1	20
Inattention	91	26.22	2	40
Lost Consciousness/Fainted	0	0	0	0
Medication	0	0	0	0
Misjudge Clearance	6	1.73	1	20
Not Under Proper Control	5	1.44	0	0
Overcorrecting/Oversteering	0	0	0	0
Physical Disability	1	0.29	0	0
Sick	0	0	0	0
Too Fast for Conditions	0	0	0	0
Turning Improperly	2	0.58	0	0
Weaving in Traffic	0	0	0	0

* "None Detected" not shown.

CONTRIBUTING FACTORS *(continued)*

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING ALL TERRAIN VEHICLES (ATV) *	
TOTAL ATV COLLISIONS	55
FATAL COLLISIONS	5
INJURY COLLISIONS	33
TOTAL PERSONS KILLED IN ATV RELATED COLLISIONS	5
ATV DRIVER OR PASSENGER KILLED	5
KILLED W/ HELMET USED	-
KILLED W/ HELMET NOT USED	4
TOTAL PERSONS INJURED IN ATV RELATED COLLISIONS	46
ATV DRIVER OR PASSENGER INJURED	41
INJURED W/ HELMET USED	1
INJURED W/ HELMET NOT USED	21

ALL TERRAIN VEHICLE COLLISIONS

DRIVER CONTRIBUTING FACTORS *	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	10	18.18	1	20
Cell Phone	0	0	0	0
Disregard Traffic Control	0	0	0	0
Distraction	0	0	0	0
Drug Involvement	1	1.82	0	0
Emotional	1	1.82	0	0
Exceeded Stated Speed Limit	4	7.27	0	0
Failed to Yield Right of Way	6	10.91	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	0	0	0	0
Improper Backing	1	1.82	0	0
Improper Passing	0	0	0	0
Inattention	20	36.36	3	60
Lost Consciousness/Fainted	0	0	0	0
Medication	0	0	0	0
Misjudge Clearance	1	1.82	0	0
Not Under Proper Control	13	23.64	3	60
Overcorrecting/Oversteering	1	1.82	0	0
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	4	7.27	0	0
Turning Improperly	1	1.82	0	0
Weaving in Traffic	0	0	0	0

* "None Detected" not shown.

COLLISIONS INVOLVING MOTORCYCLES *	
TOTAL MOTORCYCLE COLLISIONS	1,427
FATAL COLLISIONS	82
INJURY COLLISIONS	919
TOTAL PERSONS KILLED IN MOTORCYCLE RELATED COLLISIONS	88
MOTORCYCLE DRIVER OR PASSENGER KILLED	86
KILLED W/ HELMET USED	24
KILLED W/ HELMET NOT USED	62
TOTAL PERSONS INJURED IN MOTORCYCLE RELATED COLLISIONS	1,128
MOTORCYCLE DRIVER OR PASSENGER INJURED	1,028
INJURED W/ HELMET USED	463
INJURED W/ HELMET NOT USED	565

MOTORCYCLE COLLISIONS

DRIVER CONTRIBUTING FACTORS *	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	68	4.77	9	10.98
Cell Phone	1	0.07	0	0
Disregard Traffic Control	26	1.82	4	4.88
Distraction	29	2.03	0	0
Drug Involvement	22	1.54	6	7.32
Emotional	11	0.77	1	1.22
Exceeded Stated Speed Limit	74	5.19	11	13.41
Failed to Yield Right of Way	167	11.7	16	19.51
Fatigue	4	0.28	0	0
Fell Asleep	2	0.14	0	0
Following Too Close	60	4.2	2	2.44
Improper Backing	5	0.35	1	1.22
Improper Passing	36	2.52	7	8.54
Inattention	412	28.87	16	19.51
Lost Consciousness/Fainted	3	0.21	0	0
Medication	0	0	0	0
Misjudge Clearance	60	4.2	2	2.44
Not Under Proper Control	316	22.14	26	31.71
Overcorrecting/Oversteering	35	2.45	4	4.88
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	52	3.64	6	7.32
Turning Improperly	21	1.47	1	1.22
Weaving in Traffic	13	0.91	0	0

* "None Detected" not shown.

Note: A person may be killed in a motorcycle or ATV collision that was not riding on that vehicle

CONTRIBUTING FACTORS *(continued)*

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING TRUCKS*	
TOTAL TRUCK COLLISIONS	9,821
FATAL COLLISIONS	98
INJURY COLLISIONS	1,319
TOTAL KILLED	108
TOTAL INJURED	1,916

*A truck is defined as a vehicle with a registered weight of 10,000 pounds or more.

TRUCK COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	123	1.25	6	6.12
Cell Phone	50	0.51	1	1.02
Disregard Traffic Control	181	1.84	11	11.22
Distraction	274	2.79	4	4.08
Drug Involvement	68	0.69	8	8.16
Emotional	31	0.32	0	0
Exceeded Stated Speed Limit	50	0.51	8	8.16
Failed to Yield Right of Way	844	8.59	15	15.31
Fatigue	52	0.53	0	0
Fell Asleep	101	1.03	2	2.04
Following Too Close	493	5.02	2	2.04
Improper Backing	180	1.83	1	1.02
Improper Passing	156	1.59	4	4.08
Inattention	3,400	34.62	31	31.63
Lost Consciousness/Fainted	34	0.35	2	2.04
Medication	10	0.1	0	0
Misjudge Clearance	1,879	19.13	3	3.06
Not Under Proper Control	1,215	12.37	37	37.76
Overcorrecting/Oversteering	187	1.9	4	4.08
Physical Disability	11	0.11	0	0
Sick	11	0.11	2	2.04
Too Fast for Conditions	206	2.1	4	4.08
Turning Improperly	161	1.64	0	0
Weaving in Traffic	11	0.11	0	0

* "None Detected" not shown.

COLLISIONS INVOLVING TRAINS	
TOTAL TRAIN COLLISIONS	29
FATAL COLLISIONS	2
INJURY COLLISIONS	8
TOTAL KILLED	3
TOTAL INJURED	8

TRAIN COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	1	3.45	0	0
Cell Phone	1	3.45	0	0
Disregard Traffic Control	6	20.69	1	50
Distraction	4	13.79	0	0
Drug Involvement	1	3.45	0	0
Emotional	0	0	0	0
Exceeded Stated Speed Limit	0	0	0	0
Failed to Yield Right of Way	6	20.69	0	0
Fatigue	0	0	0	0
Fell Asleep	1	3.45	0	0
Following Too Close	1	3.45	0	0
Improper Backing	0	0	0	0
Improper Passing	0	0	0	0
Inattention	11	37.93	1	50
Lost Consciousness/Fainted	0	0	0	0
Medication	0	0	0	0
Misjudge Clearance	6	20.69	0	0
Not Under Proper Control	0	0	0	0
Overcorrecting/Oversteering	0	0	0	0
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	0	0	0	0
Turning Improperly	0	0	0	0
Weaving in Traffic	0	0	0	0

* "None Detected" not shown.

CONTRIBUTING FACTORS *(continued)*

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING MULTIPLE FATALITIES	
TOTAL MULTIPLE FATALITIES COLLISIONS	**53**
TOTAL KILLED	**118**
TOTAL INJURED	**47**

MULTIPLE FATALITY COLLISIONS		
DRIVER CONTRIBUTING FACTORS	COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	11	20.75
Cell Phone	0	0
Disregard Traffic Control	5	9.43
Distraction	1	1.89
Drug Involvement	3	5.66
Emotional	0	0
Exceeded Stated Speed Limit	15	28.3
Failed to Yield Right of Way	4	7.55
Fatigue	0	0
Fell Asleep	1	1.89
Following Too Close	0	0
Improper Backing	0	0
Improper Passing	1	1.89
Inattention	14	26.42
Lost Consciousness/Fainted	0	0
Medication	0	0
Misjudge Clearance	2	3.77
Not Under Proper Control	23	43.4
Overcorrecting/Oversteering	10	18.87
Physical Disability	0	0
Sick	0	0
Too Fast for Conditions	5	9.43
Turning Improperly	0	0
Weaving in Traffic	0	0

COLLISIONS BY COUNTY

COLLISIONS BY COUNTY

2018 vs 2019

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Adair	213	253	2	1	38	47	173	205	2	1	49	79
Allen	463	450	6	5	60	72	397	373	6	5	105	114
Anderson	497	443	3	3	93	85	401	355	3	3	131	130
Ballard	178	126	2	3	36	25	140	98	2	4	67	34
Barren	1,361	1,284	7	7	241	246	1,113	1,031	8	7	362	367
Bath	183	259	1	3	40	50	142	206	1	3	63	71
Bell	530	545	3	3	109	127	418	415	4	3	168	194
Boone	5,024	5,064	8	10	757	745	4,259	4,309	9	11	1,088	1,009
Bourbon	574	598	5	7	97	91	472	500	5	7	142	131
Boyd	1,426	1,326	4	3	232	210	1,190	1,113	4	3	323	317
Boyle	867	764	1	5	124	108	742	651	1	5	179	157
Bracken	174	155	2	2	33	33	139	120	2	2	54	53
Breathitt	236	210	5	5	70	75	161	130	6	5	108	125
Breckinridge	235	241	1	3	61	68	173	170	1	3	88	107
Bullitt	2,145	2,029	12	11	411	347	1,722	1,671	12	11	621	522
Butler	252	251	2	5	51	45	199	201	2	5	69	63
Caldwell	339	272	-	1	62	50	277	221	-	1	93	67
Calloway	974	1,020	2	5	129	161	843	854	2	5	183	218
Campbell	3,141	3,147	5	11	347	333	2,789	2,803	10	11	496	436
Carlisle	59	64	2	3	28	21	29	40	2	3	40	28
Carroll	394	417	3	2	58	65	333	350	3	2	86	126
Carter	607	573	3	3	79	95	525	475	3	3	110	133
Casey	183	230	2	1	38	48	143	181	2	1	51	70
Christian	1,906	1,877	15	10	411	377	1,480	1,490	19	12	617	528
Clark	1,160	1,117	9	7	168	156	983	954	9	8	257	233
Clay	345	256	2	7	123	77	220	172	2	7	195	140
Clinton	163	210	3	4	27	37	133	169	3	4	45	53
Crittenden	172	154	3	2	52	40	117	112	3	2	75	60
Cumberland	81	139	1	3	18	20	62	116	1	5	23	29
Daviess	3,718	3,554	9	11	587	580	3,122	2,963	9	11	818	803
Edmonson	178	137	2	2	39	35	137	100	3	3	61	59
Elliott	58	46	2	3	14	12	42	31	2	3	25	25
Estill	162	231	4	2	31	39	127	190	4	2	53	59
Fayette	13,582	13,545	30	25	2,150	1,997	11,402	11,523	32	33	2,976	2,777
Fleming	265	245	2	2	44	39	219	204	2	2	59	55
Floyd	721	747	9	8	199	205	513	534	9	8	308	353
Franklin	1,544	1,532	2	6	215	183	1,327	1,343	2	8	298	274
Fulton	102	94	1	3	17	19	84	72	1	3	26	33
Gallatin	283	272	5	1	43	42	235	229	5	1	65	56
Garrard	370	373	3	3	71	92	296	278	4	3	98	134

COLLISIONS BY COUNTY

2018 vs 2019

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Grant	822	842	1	5	116	152	705	685	1	5	186	217
Graves	991	997	11	11	195	221	785	765	11	11	267	321
Grayson	649	617	13	7	157	146	479	464	13	7	221	227
Green	187	124	2	2	41	23	144	99	2	2	56	38
Greenup	612	645	2	3	106	114	504	528	3	4	174	170
Hancock	115	108	2	2	14	15	99	91	2	2	15	16
Hardin	3,047	3,031	20	12	486	480	2,541	2,539	22	15	720	713
Harlan	443	427	5	2	121	101	317	324	5	2	202	163
Harrison	444	512	1	2	78	80	365	430	1	2	103	110
Hart	578	583	6	7	105	95	467	481	6	9	148	158
Henderson	1,570	1,504	10	4	253	274	1,307	1,226	10	4	397	412
Henry	375	401	2	3	60	67	313	331	2	3	92	97
Hickman	55	69	3	-	10	12	42	57	3	-	12	14
Hopkins	1,386	1,319	6	7	204	201	1,176	1,111	7	7	284	296
Jackson	140	181	1	7	28	45	111	129	1	8	47	73
Jefferson	30,891	30,977	74	90	4,859	4,989	25,958	25,898	76	97	7,257	7,417
Jessamine	1,634	1,582	7	6	257	248	1,370	1,328	7	7	388	347
Johnson	431	384	5	2	104	86	322	296	5	3	170	131
Kenton	5,872	5,996	16	9	728	709	5,128	5,278	16	9	1,035	992
Knott	217	196	5	1	61	63	151	132	5	1	96	99
Knox	644	613	7	6	154	137	483	470	7	6	290	238
Larue	320	283	1	4	69	53	250	226	2	4	104	73
Laurel	1,849	1,867	18	8	373	381	1,458	1,478	20	9	641	641
Lawrence	227	194	8	5	50	45	169	144	10	5	71	68
Lee	64	62	1	-	13	12	50	50	1	-	17	26
Leslie	25	102	1	2	6	36	18	64	1	2	14	49
Letcher	373	348	4	10	106	95	263	243	5	10	159	169
Lewis	176	169	4	9	49	38	123	122	4	11	64	65
Lincoln	409	388	6	3	77	77	326	308	8	3	121	127
Livingston	191	133	3	-	47	31	141	102	3	-	60	38
Logan	611	582	4	6	126	102	481	474	6	7	196	160
Lyon	251	256	1	2	55	52	195	202	1	2	73	96
McCracken	2,528	2,504	7	12	581	465	1,940	2,027	9	14	854	679
McCreary	213	218	1	6	60	58	152	154	1	7	109	99
McLean	233	244	4	2	56	65	173	177	4	3	74	97
Madison	2,541	2,458	6	9	349	359	2,186	2,090	6	9	504	488
Magoffin	183	136	2	3	59	44	122	89	2	3	96	77
Marion	444	378	5	1	83	62	356	315	8	1	122	90
Marshall	813	802	5	7	186	198	622	597	5	8	267	294
Martin	137	130	2	2	29	32	106	96	2	2	43	52

COLLISIONS BY COUNTY

2018 vs 2019

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Mason	541	516	3	3	75	76	463	437	3	4	111	103
Meade	404	480	4	8	129	130	271	342	5	8	190	198
Menifee	60	96	1	1	11	24	48	71	2	1	26	34
Mercer	433	419	1	8	81	64	351	347	1	9	124	94
Metcalfe	257	236	3	2	52	52	202	182	3	2	81	79
Monroe	153	153	1	1	27	37	125	115	1	1	38	51
Montgomery	707	826	7	7	144	181	556	638	7	7	214	247
Morgan	177	202	-	4	40	59	137	139	-	4	59	93
Muhlenberg	816	824	9	4	176	176	631	644	10	5	255	251
Nelson	1,148	1,170	13	8	185	192	950	970	13	10	284	263
Nicholas	146	139	5	1	19	21	122	117	5	1	37	28
Ohio	674	673	6	5	148	142	520	526	6	5	211	209
Oldham	1,294	1,186	10	5	196	181	1,088	1,000	12	5	290	250
Owen	225	171	3	5	44	34	178	132	5	5	62	50
Owsley	25	56	1	2	6	11	18	43	1	2	11	13
Pendlton	315	300	3	3	86	77	226	220	3	4	126	99
Perry	737	652	6	13	190	162	541	477	6	15	343	270
Pike	1,315	1,239	19	12	369	325	927	902	21	13	564	491
Powell	228	208	7	2	43	47	178	159	7	3	75	72
Pulaski	1,748	1,781	11	13	265	280	1,472	1,488	12	16	420	426
Robertson	31	36	-	-	4	8	27	28	-	-	7	9
Rockcastle	634	499	3	5	105	80	526	414	4	5	160	133
Rowan	692	703	5	1	109	103	578	599	5	1	155	145
Russell	341	310	4	2	45	53	292	255	4	2	89	69
Scott	1,831	1,532	6	8	297	260	1,528	1,264	6	8	438	387
Shelby	1,425	1,291	7	5	259	234	1,159	1,052	8	5	369	327
Simpson	596	611	2	3	111	110	483	498	2	3	166	149
Spencer	304	250	3	2	67	59	234	189	3	2	95	81
Taylor	720	644	6	7	81	92	633	545	9	7	145	131
Todd	222	200	4	2	46	37	172	161	6	2	76	55
Trigg	332	297	4	4	71	68	257	225	5	5	108	103
Trimble	175	149	2	2	40	28	133	119	2	2	63	37
Union	334	290	1	3	69	60	264	227	2	4	94	95
Warren	4,770	4,732	13	14	747	839	4,010	3,879	13	16	1,084	1,178
Washington	282	253	1	3	54	45	227	205	1	4	90	79
Wayne	351	363	3	3	83	70	265	290	3	3	130	105
Webster	235	254	1	2	57	56	177	196	1	6	74	76
Whitley	1,004	1,026	9	5	250	219	745	802	10	5	409	339
Wolfe	150	137	7	3	26	24	117	110	8	3	41	49
Woodford	897	858	5	6	126	111	766	741	6	6	179	144
Totals	**134,285**	**132,374**	**664**	**667**	**22,847**	**22,387**	**110,774**	**109,320**	**724**	**732**	**33,917**	**32,871**

COLLISIONS INVOLVING DRINKING DRIVERS BY COUNTY

2018 vs 2019

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Adair	7	7	-	-	3	1	4	6	-	-	3	2
Allen	12	8	1	-	4	4	7	4	1	-	6	4
Anderson	20	20	1	1	6	10	13	9	1	1	12	16
Ballard	5	11	1	-	2	3	2	8	1	-	3	3
Barren	31	33	1	1	9	11	21	21	1	1	12	15
Bath	3	6	-	1	3	2	-	3	-	1	5	2
Bell	10	9	-	-	2	3	8	6	-	-	4	6
Boone	103	117	1	4	36	36	66	77	1	4	50	45
Bourbon	23	22	1	3	5	5	17	14	1	3	10	5
Boyd	33	37	-	3	12	12	21	22	-	3	16	22
Boyle	26	20	-	3	5	8	21	9	-	3	7	10
Bracken	7	9	-	1	4	3	3	5	-	1	7	4
Breathitt	6	3	-	1	4	1	2	1	-	1	4	1
Breckinridge	8	8	-	-	3	3	5	5	-	-	4	4
Bullitt	42	29	2	-	16	10	24	19	2	-	26	18
Butler	12	5	-	-	9	3	3	2	-	-	10	3
Caldwell	8	7	-	-	5	1	3	6	-	-	5	1
Calloway	26	34	1	-	5	11	20	23	1	-	7	12
Campbell	96	97	1	1	22	26	73	70	1	1	34	35
Carlisle	3	5	-	1	-	3	3	1	-	1	-	4
Carroll	9	11	-	-	2	4	7	7	-	-	3	4
Carter	8	8	-	-	3	1	5	7	-	-	3	1
Casey	3	4	-	-	2	-	1	4	-	-	3	-
Christian	80	76	3	-	27	20	50	56	3	-	37	28
Clark	33	29	1	-	14	7	18	22	1	-	15	10
Clay	9	6	-	1	3	3	6	2	-	1	7	3
Clinton	5	2	-	-	2	-	3	2	-	-	2	-
Crittenden	10	5	1	-	5	3	4	2	1	-	6	6
Cumberland	1	4	-	1	1	1	-	2	-	2	1	2
Daviess	94	84	3	-	26	25	65	59	3	-	34	32
Edmonson	6	2	-	-	4	2	2	-	-	-	4	4
Elliott	3	2	1	2	1	-	1	-	1	2	2	2
Estill	3	5	-	-	2	1	1	4	-	-	3	2
Fayette	370	395	3	9	117	88	250	298	3	17	165	134
Fleming	8	6	-	-	2	2	6	4	-	-	2	2
Floyd	26	25	-	-	11	11	15	14	-	-	15	14
Franklin	48	45	-	-	14	15	34	30	-	-	27	17
Fulton	2	2	-	-	-	1	2	1	-	-	-	2
Gallatin	9	13	1	-	3	3	5	10	1	-	4	3
Garrard	14	7	-	-	4	2	10	5	-	-	4	2

COLLISIONS INVOLVING DRINKING DRIVERS BY COUNTY

2018 vs 2019

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Grant	24	22	1	-	9	8	14	14	1	-	16	11
Graves	26	25	1	-	8	9	17	16	1	-	9	9
Grayson	22	18	2	1	9	12	11	5	2	1	13	16
Green	5	2	-	-	1	1	4	1	-	-	1	4
Greenup	14	18	-	-	4	5	10	13	-	-	6	6
Hancock	1	4	1	-	-	1	-	3	1	-	-	1
Hardin	74	87	1	-	26	29	47	58	1	-	35	36
Harlan	12	11	-	-	5	6	7	5	-	-	7	8
Harrison	5	8	-	-	1	3	4	5	-	-	1	3
Hart	14	6	1	-	2	3	11	3	1	-	2	3
Henderson	23	36	1	-	7	13	15	23	1	-	11	14
Henry	20	21	-	-	8	9	12	12	-	-	11	11
Hickman	2	1	-	-	1	1	1	-	-	-	3	1
Hopkins	30	23	-	1	11	6	19	16	-	1	14	6
Jackson	3	5	-	-	-	1	3	4	-	-	-	1
Jefferson	674	629	5	11	198	189	471	429	5	13	281	300
Jessamine	52	50	-	1	18	19	34	30	-	1	28	24
Johnson	10	15	-	-	2	6	8	9	-	-	4	9
Kenton	221	211	3	-	49	43	169	168	3	-	68	58
Knott	7	1	-	-	4	-	3	1	-	-	7	-
Knox	16	13	1	-	5	6	10	7	1	-	11	11
Larue	20	12	-	2	12	3	8	7	-	2	16	5
Laurel	36	30	1	1	7	12	28	17	1	1	7	24
Lawrence	10	4	3	1	1	1	6	2	3	1	1	1
Lee	1	1	-	-	1	1	-	-	-	-	2	2
Leslie	1	2	-	-	-	-	1	2	-	-	-	-
Letcher	11	8	2	-	4	5	5	3	3	-	9	6
Lewis	13	10	1	1	3	4	9	5	1	2	6	7
Lincoln	13	6	-	-	8	5	5	1	-	-	10	7
Livingston	5	7	-	-	2	3	3	4	-	-	3	4
Logan	13	18	1	1	3	8	9	9	1	2	6	12
Lyon	8	4	-	-	4	-	4	4	-	-	5	-
McCracken	58	56	-	2	28	13	30	41	-	2	42	20
McCreary	6	8	-	1	3	2	3	5	-	2	9	6
McLean	6	10	1	-	1	8	4	2	1	-	2	12
Madison	83	70	1	-	25	18	57	52	1	-	39	24
Magoffin	6	3	1	1	5	2	-	-	1	1	5	2
Marion	18	18	-	-	11	11	7	7	-	-	12	17
Marshall	26	28	-	-	12	13	14	15	-	-	13	23
Martin	4	-	-	-	2	-	2	-	-	-	3	-

COLLISIONS INVOLVING DRINKING DRIVERS BY COUNTY

2018 vs 2019

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Mason	28	26	-	-	4	14	24	12	-	-	8	20
Meade	15	19	1	2	7	12	7	5	1	2	9	19
Menifee	-	4	-	-	-	3	-	1	-	-	-	3
Mercer	11	9	-	1	3	4	8	4	-	1	3	7
Metcalfe	8	6	1	-	3	3	4	3	1	-	5	3
Monroe	3	3	-	-	-	2	3	1	-	-	-	2
Montgomery	25	27	1	-	6	8	18	19	1	-	10	12
Morgan	3	9	-	-	1	5	2	4	-	-	1	6
Muhlenberg	20	16	-	-	8	4	12	12	-	-	11	4
Nelson	35	34	1	-	9	10	25	24	1	-	11	16
Nicholas	7	4	-	-	3	-	4	4	-	-	3	-
Ohio	11	25	1	1	7	11	3	13	1	1	11	17
Oldham	56	45	-	-	15	15	41	30	-	-	17	18
Owen	11	7	-	1	6	3	5	3	-	1	9	5
Owsley	1	1	-	-	-	1	1	-	-	-	-	1
Pendlton	10	15	-	-	3	3	7	12	-	-	6	4
Perry	8	15	1	1	2	4	5	10	1	1	7	4
Pike	46	40	2	1	20	18	24	21	2	1	32	25
Powell	4	7	-	-	1	3	3	4	-	-	1	3
Pulaski	32	33	4	1	8	11	20	21	5	1	19	16
Robertson	-	-	-	-	-	-	-	-	-	-	-	-
Rockcastle	8	6	-	1	3	1	5	4	-	1	5	1
Rowan	21	17	-	-	11	2	10	15	-	-	19	3
Russell	10	9	-	1	2	3	8	5	-	1	4	3
Scott	60	44	2	1	13	17	45	26	2	1	16	22
Shelby	49	49	-	1	19	20	30	28	-	1	24	25
Simpson	19	22	-	1	8	8	11	13	-	1	10	9
Spencer	18	10	-	-	5	8	13	2	-	-	6	8
Taylor	19	12	-	1	4	3	15	8	-	1	6	4
Todd	5	6	-	-	3	1	2	5	-	-	3	3
Trigg	16	5	1	1	3	1	12	3	2	1	4	2
Trimble	6	10	-	1	2	4	4	5	-	1	2	4
Union	10	7	-	1	4	5	6	1	-	2	6	6
Warren	124	131	2	3	41	34	81	94	2	3	64	44
Washington	8	6	-	1	2	2	6	3	-	2	5	3
Wayne	6	12	-	1	2	3	4	8	-	1	5	7
Webster	2	10	-	-	-	4	2	6	-	-	-	8
Whitley	19	39	1	1	6	12	12	26	1	1	8	18
Wolfe	3	3	2	-	-	2	1	1	2	-	1	2
Woodford	28	32	-	-	5	7	23	25	-	-	9	7
Totals +	**3,580**	**3,494**	**71**	**80**	**1,137**	**1,095**	**2,372**	**2,319**	**74**	**96**	**1,640**	**1,548**

+ This data is reported by KSP and may differ from FARS adjusted data listed on page 22.

DRIVERS UNDER INFLUENCE OF DRUGS
BY COUNTY AS REPORTED

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Adair	6	7	-	-	4	2	2	5	-	-	4	4
Allen	3	3	-	-	3	-	-	3	-	-	5	-
Anderson	5	8	-	1	1	3	4	4	-	1	2	8
Ballard	2	1	-	1	1	-	1	-	-	1	3	-
Barren	12	12	-	-	6	4	6	8	-	-	6	7
Bath	2	3	-	-	2	2	-	1	-	-	4	3
Bell	15	11	-	-	4	6	11	5	-	-	4	6
Boone	30	39	2	-	13	15	15	24	2	-	20	22
Bourbon	5	8	-	2	3	3	2	3	-	2	3	3
Boyd	32	27	-	-	12	9	20	18	-	-	16	13
Boyle	11	11	-	-	4	6	7	5	-	-	5	9
Bracken	3	3	-	-	2	2	1	1	-	-	5	2
Breathitt	9	8	-	1	5	3	4	4	-	1	13	12
Breckinridge	1	2	-	1	-	1	1	-	-	1	-	3
Bullitt	15	12	-	-	9	5	6	7	-	-	12	8
Butler	6	2	-	1	3	1	3	-	-	1	4	2
Caldwell	6	3	-	-	3	2	3	1	-	-	5	3
Calloway	7	11	-	1	1	4	6	6	-	1	1	7
Campbell	34	51	1	1	10	16	23	34	1	1	21	24
Carlisle	-	5	-	1	-	3	-	1	-	1	-	3
Carroll	4	6	1	-	1	2	2	4	1	-	1	2
Carter	11	10	-	-	3	2	8	8	-	-	3	4
Casey	3	5	-	-	-	-	3	5	-	-	-	-
Christian	16	15	1	-	5	4	10	11	1	-	9	9
Clark	9	21	-	1	5	6	4	14	-	1	6	9
Clay	12	9	1	2	3	3	8	4	1	2	10	8
Clinton	5	5	-	1	3	1	2	3	-	1	6	2
Crittenden	4	3	-	-	2	-	2	3	-	-	3	-
Cumberland	2	3	1	-	1	3	-	-	1	-	1	5
Daviess	44	37	1	2	13	11	30	24	1	2	19	18
Edmonson	2	2	1	-	-	1	1	1	2	-	1	2
Elliott	1	3	1	-	-	1	-	2	1	-	5	1
Estill	5	10	-	-	2	1	3	9	-	-	6	1
Fayette	102	113	2	1	35	35	65	77	2	3	49	59
Fleming	7	4	-	-	2	2	5	2	-	-	2	2
Floyd	33	33	1	1	20	17	12	15	1	1	31	26
Franklin	19	27	-	-	8	9	11	18	-	-	18	10
Fulton	-	1	-	-	-	-	-	1	-	-	-	-
Gallatin	6	4	-	-	1	1	5	3	-	-	3	2
Garrard	4	5	-	-	2	2	2	3	-	-	4	4

DRIVERS UNDER INFLUENCE OF DRUGS
BY COUNTY AS REPORTED

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Grant	12	4	1	-	4	2	7	2	1	-	7	2
Graves	18	17	3	-	7	6	8	11	3	-	14	10
Grayson	7	8	-	-	2	4	5	4	-	-	3	7
Green	-	-	-	-	-	-	-	-	-	-	-	-
Greenup	9	15	-	-	2	5	7	10	-	-	3	8
Hancock	2	1	-	-	1	-	1	1	-	-	2	-
Hardin	24	26	1	-	8	6	15	20	2	-	19	6
Harlan	12	13	1	-	7	4	4	9	1	-	14	5
Harrison	3	5	-	-	-	1	3	4	-	-	-	2
Hart	4	6	-	1	2	3	2	2	-	1	3	5
Henderson	11	10	-	-	4	7	7	3	-	-	9	9
Henry	1	4	-	1	1	1	-	2	-	1	1	8
Hickman	1	-	-	-	-	-	1	-	-	-	-	-
Hopkins	14	7	-	-	4	4	10	3	-	-	4	7
Jackson	2	2	-	-	1	1	1	1	-	-	2	2
Jefferson	162	160	4	4	60	60	98	96	4	4	97	87
Jessamine	30	28	2	1	8	6	20	21	2	1	17	12
Johnson	14	12	-	-	11	6	3	6	-	-	21	10
Kenton	105	117	2	1	35	39	68	77	2	1	52	57
Knott	8	9	1	1	4	5	3	3	1	1	10	9
Knox	15	19	2	-	6	5	7	14	2	-	13	11
Larue	5	4	-	-	3	2	2	2	-	-	3	4
Laurel	27	32	3	2	7	19	17	11	3	2	16	45
Lawrence	2	3	-	-	2	-	-	3	-	-	2	-
Lee	2	2	-	-	1	-	1	2	-	-	2	-
Leslie	1	8	-	-	-	3	1	5	-	-	-	4
Letcher	17	10	1	1	10	3	6	6	2	1	16	4
Lewis	6	2	-	-	2	2	4	-	-	-	2	5
Lincoln	4	6	-	-	-	4	4	2	-	-	-	7
Livingston	1	4	-	-	-	2	1	2	-	-	-	6
Logan	5	4	-	-	4	2	1	2	-	-	7	3
Lyon	6	5	-	-	4	2	2	3	-	-	5	2
McCracken	27	24	-	2	16	13	11	9	-	2	32	20
McCreary	5	5	-	-	1	1	4	4	-	-	2	1
McLean	1	3	-	-	1	1	-	2	-	-	1	2
Madison	37	30	-	1	17	8	20	21	-	1	25	12
Magoffin	6	3	2	-	2	1	2	2	2	-	5	1
Marion	5	3	1	-	2	2	2	1	1	-	2	5
Marshall	10	20	-	-	7	9	3	11	-	-	9	11
Martin	2	4	-	-	2	2	-	2	-	-	3	2

DRIVERS UNDER INFLUENCE OF DRUGS
BY COUNTY AS REPORTED

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Mason	8	10	-	-	2	3	6	7	-	-	3	6
Meade	4	-	1	-	1	-	2	-	1	-	2	-
Menifee	-	-	-	-	-	-	-	-	-	-	-	-
Mercer	3	4	-	-	2	2	1	2	-	-	2	2
Metcalfe	3	6	-	-	1	3	2	3	-	-	1	5
Monroe	5	2	-	-	3	1	2	1	-	-	7	1
Montgomery	20	10	-	2	6	3	14	5	-	2	8	6
Morgan	2	6	-	1	1	1	1	4	-	1	1	1
Muhlenberg	8	12	-	2	7	4	1	6	-	3	12	4
Nelson	12	8	2	-	2	3	8	5	2	-	6	3
Nicholas	4	3	-	-	2	2	2	1	-	-	2	3
Ohio	5	11	-	-	2	4	3	7	-	-	3	4
Oldham	10	6	-	-	3	-	7	6	-	-	4	-
Owen	9	5	-	-	2	2	7	3	-	-	5	3
Owsley	1	-	-	-	-	-	1	-	-	-	-	-
Pendlton	4	2	-	-	2	1	2	1	-	-	4	1
Perry	15	24	1	2	6	8	8	14	1	2	12	17
Pike	70	54	4	-	31	30	35	24	4	-	54	44
Powell	3	7	-	-	-	2	3	5	-	-	-	2
Pulaski	16	25	1	4	5	8	10	13	2	4	10	12
Robertson	1	1	-	-	1	1	-	-	-	-	2	1
Rockcastle	5	5	-	-	2	-	3	5	-	-	2	-
Rowan	13	16	-	-	4	4	9	12	-	-	8	5
Russell	2	4	1	1	-	2	1	1	1	1	2	5
Scott	19	18	3	1	8	5	8	12	3	1	13	9
Shelby	22	18	-	-	8	10	14	8	-	-	15	16
Simpson	6	5	1	-	3	1	2	4	1	-	3	1
Spencer	11	3	-	-	4	-	7	3	-	-	5	-
Taylor	6	3	-	-	2	2	4	1	-	-	2	3
Todd	3	1	-	-	3	-	-	1	-	-	3	-
Trigg	5	2	-	-	3	-	2	2	-	-	4	-
Trimble	4	2	-	-	-	1	4	1	-	-	-	1
Union	4	1	-	-	3	1	1	-	-	-	4	1
Warren	36	42	1	4	13	13	22	25	1	5	18	20
Washington	2	3	-	1	1	1	1	1	-	1	1	5
Wayne	-	1	-	-	-	-	-	1	-	-	-	-
Webster	3	2	-	-	1	1	2	1	-	-	1	1
Whitley	20	21	1	-	8	10	11	11	1	-	20	24
Wolfe	4	2	-	1	2	-	2	1	-	1	3	1
Woodford	4	9	-	-	1	4	3	5	-	-	1	7
Totals	**1,488**	**1,532**	**53**	**52**	**585**	**562**	**850**	**918**	**57**	**56**	**976**	**908**

AREA DEVELOPMENT DISTRICTS

Area Development District	Counties By District
Barren River	Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
Big Sandy	Floyd, Johnson, Magoffin, Martin, Pike
Bluegrass	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford
Buffalo Trace	Bracken, Fleming, Lewis, Mason, Robertson
Cumberland Valley	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
FIVCO	Boyd, Carter, Elliott, Greenup, Lawrence
Gateway	Bath, Menifee, Montgomery, Morgan, Rowan
Green River	Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
Kentucky River	Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
KIPDA	Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
Lake Cumberland	Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
Lincoln Trail	Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
Northern Kentucky	Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
Pennyrile	Caldwell, Christian, Crittenden, Hopkins, Livingston, Lyon, Muhlenberg, Todd, Trigg
Purchase	Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall

ALL COLLISIONS
BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL	INJURY	KILLED	INJURED
Purchase	5,676	44	1,122	48	1,621
Pennyrile	5,332	32	1,032	36	1,494
Green River	6,627	29	1,192	35	1,708
Barren River	9,019	52	1,633	58	2,378
Lincoln Trail	6,453	46	1,176	52	1,750
KIPDA	36,283	118	5,905	125	8,731
Northern Kentucky	16,209	46	2,157	48	2,985
Buffalo Trace	1,121	16	194	19	285
Gateway	2,086	16	417	16	590
FIVCO	2,784	17	476	18	713
Big Sandy	2,636	27	692	29	1,104
Kentucky River	1,763	36	478	38	800
Cumberland Valley	5,414	43	1,167	45	1,921
Lake Cumberland	4,272	42	728	48	1,099
Bluegrass	26,699	103	4,018	117	5,692
Totals	**132,374**	**667**	**22,387**	**732**	**32,871**

ALCOHOL RELATED COLLISIONS
BY AREA DEVELOPMENT DISTRICT AS REPORTED

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL	INJURY	KILLED	INJURED
Purchase	162	3	54	3	74
Pennyrile	150	2	39	2	54
Green River	177	3	67	4	93
Barren River	235	6	79	7	101
Lincoln Trail	202	6	82	7	116
KIPDA	794	13	255	15	384
Northern Kentucky	493	6	126	6	165
Buffalo Trace	51	2	23	3	33
Gateway	63	1	20	1	26
FIVCO	69	6	19	6	32
Big Sandy	83	2	37	2	50
Kentucky River	34	2	14	2	16
Cumberland Valley	119	4	44	4	72
Lake Cumberland	93	6	25	8	44
Bluegrass	774	19	212	27	293
Totals	**3,499**	**81**	**1,096**	**97**	**1,553**

DRUG RELATED COLLISIONS
BY AREA DEVELOPMENT DISTRICT AS REPORTED

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL	INJURY	KILLED	INJURED
Purchase	80	5	35	5	51
Pennyrile	52	2	18	3	31
Green River	65	2	25	2	35
Barren River	84	6	29	7	46
Lincoln Trail	54	2	19	2	33
KIPDA	205	5	77	5	120
Northern Kentucky	228	2	78	2	113
Buffalo Trace	20	-	10	-	16
Gateway	35	3	10	3	15
FIVCO	58	-	17	-	26
Big Sandy	106	1	56	1	83
Kentucky River	63	6	22	6	47
Cumberland Valley	112	4	48	4	101
Lake Cumberland	58	6	19	6	32
Bluegrass	315	9	100	11	162
Totals	**1,535**	**53**	**563**	**57**	**911**

FATALITY ANALYSIS REPORTING SYSTEM (FARS)

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FATALITY ANALYSIS REPORTING SYSTEM (FARS)

The *Fatality Analysis Reporting System (FARS)* is a computerized file containing data on all fatal motor vehicle traffic collisions occurring each year in the fifty states, the District of Columbia, and Puerto Rico. The system is operated by the National Highway Traffic Safety Administration for the purpose of identifying safety problems, suggesting solutions, and helping to provide an objective basis to evaluate the effectiveness of motor vehicle safety standards and highway safety countermeasures.

FARS has a contract with a government agency in each state for the purpose of fatal collision data acquisition. In Kentucky, this contract is with the Kentucky State Police Records Section.

For reasons of timeliness in reporting and continuity among the states, *FARS* counts only those fatalities that occur within 30 days of the collision date. *FARS* does not include fatalities occurring in parking lots or on private property. *FARS* differs from Kentucky data in that it collects data not only from the collision reports submitted from across the state, but contacts many other sources to obtain additional data pertinent to the collision, vehicles, drivers, etc. Examples of additional sources contacted by *FARS* are vehicle registration files, Driver Licensing, Vital Statistics, EMS reports, labs, coroners, and medical examiners. **THE FARS DATA CANNOT BE COMPARED DIRECTLY WITH THE PREVIOUSLY LISTED STATISTICS BECAUSE OF A DIFFERENCE IN THE REPORTING CRITERIA.**

DRIVERS INVOLVED IN FATAL COLLISIONS - AGE AND ALCOHOL INVOLVEMENT

The chart below depicts the ages of all drivers in fatal collisions vs. alcohol involved drivers in fatal collisions during the same time period and the percentages of involvement for various ages and age groups. The alcohol involved teenage driver (ages 13 through 19) represents 2% of the total number of drinking drivers involved in fatal collisions.

NOTE: Data is derived from the Fatality Analysis Reporting System (FARS) . The number of alcohol related drivers differs from those reported through the Kentucky Collision Reporting System because FARS follows up on alcohol test results.

*Alcohol involved drivers refers to a driver suspected by the police to be drinking and who tested positive for alcohol in a subsequent test. (.01 or higher)

AGE	Number of Drivers Involved	Alcohol Involved Drivers*	% Alcohol Involved
Under 16	2	0	0
16	0	0	0
17	10	1	10
18	21	2	10
19	12	0	0
20	23	4	17
21	28	6	21
22-24	61	16	26
25-34	188	26	14
35-44	190	28	15
45-54	165	15	9
55-64	150	11	7
65-74	106	6	6
Over 74	85	0	0
Unknown	11	0	0
TOTALS	1,052	115	11

ALCOHOL INVOLVEMENT
BY AGE AND TEST RESULTS FOR DRIVERS INVOLVED IN FATAL COLLISIONS

THIS YEAR THERE WERE **135** PERSONS KILLED IN FATAL COLLISIONS INVOLVING A DRINKING DRIVER. THIS REPRESENTS **~18%** OF ALL PERSONS KILLED IN TRAFFIC COLLISIONS IN KENTUCKY.

The chart below shows drinking drivers by age and alcohol test result. **75%** of the drinking drivers tested were found to have a blood alcohol content (BAC) of 0.10% or above at the time of the collision.

AGE	NUMBER OF DRINKING DRIVERS*	BAC TEST RESULTS			
		.01 - .05	.06 - .09	.10 - .19	.20+
Under 16	0	0	0	0	0
16	0	0	0	0	0
17	1	0	0	0	1
18	2	0	1	1	0
19	0	0	0	0	0
20	4	1	1	2	0
21	6	3	0	3	0
22-24	16	0	2	9	5
25-34	26	1	4	12	9
35-44	28	3	6	11	8
45-54	15	2	1	8	4
55-64	11	0	2	4	5
65-74	6	0	2	1	3
75+	0	0	0	0	0
Unknown	0	0	0	0	0
TOTAL	**115**	**10**	**19**	**51**	**35**

* Drinking driver refers to a driver suspected by the police to be drinking, and who tested positive for alcohol in a subsequent test.

34% OF THE FATALLY INJURED PEDESTRIANS OVER THE AGE OF 15 WERE DRINKING.

THEIR AVERAGE ALCOHOL TEST WAS 18%.

Another traffic hazard is the drinking pedestrian. The chart on the right shows the number of fatally injured pedestrians by age and alcohol involvement.

FARS total number of pedestrians differs from the number reported through the Kentucky Collision Reporting System because FARS does not include pedestrians killed in parking lots.

FATALLY INJURED PEDESTRIANS

AGE	TOTAL	NUMBER DRINKING	AVERAGE TEST RESULTS
0-5	0	0	0
6-10	0	0	0
11-15	0	0	0
16-20	3	1	0.14
21-25	8	4	0.2
26-30	3	2	0.17
31-40	10	7	0.19
41-50	15	4	0.26
51-60	18	5	0.21
61-70	12	1	0.26
71-80	4	1	0.03
81+	3	0	0
UNKNOWN	0	0	0
TOTAL	**76**	**25**	**0.18**

SAFETY RESTRAINTS AND EJECTION IN FATAL COLLISIONS

The chart below plots overall results in fatal collisions when motorcycle helmets and other restraints (safety belts, harnesses, child restraints, etc.) are used. A comparison of "used" versus "not used" for 2018 FARS data strongly confirms both the lifesaving advantage as well as the reduction of serious injury when restraints are in place.

71% OF THE VEHICLE OCCUPANTS KILLED WERE NOT RESTRAINED.
24% OF THE VEHICLE OCCUPANTS SUFFERING A SUSPECTED/POSSIBLE INJURY WERE NOT RESTRAINED.

NON-MOTORISTS ARE NOT INCLUDED IN THE CHARTS BELOW.

RESULT	MOTORCYCLE HELMET			RESTRAINT			TOTAL
	Used	Not Used	Unknown	Used	Not Used	Unknown	
(K) Killed	24	79	0	269	279	0	651
(A) Suspected Serious Injury	4	7	0	101	34	0	146
(B) Suspected Minor Injury	0	2	0	124	35	0	161
(C) Possible Injury	1	1	0	153	25	0	180
(O) No Injury	1	6	0	344	19	9	379
Unknown if Injured	0	0	0	3	1	7	11
Injured, Severity Unknown	0	0	0	0	0	0	0
TOTAL	**30**	**95**	**0**	**994**	**393**	**16**	**1,528**

Of the **1,403** vehicle occupants involved in fatal collisions, only **994** were using safety restraints - an overall usage rate of **71%** in fatal collisions. (*Motorcycle occupants are not included*)

EJECTION

RESULTS	Total Ejection	Partial Ejection	No Ejection	Unknown	TOTAL
(K) Killed	76	34	437	1	**548**
(A) Suspected Serious Injury	6	3	126	0	**135**
(B) Suspected Minor Injury	2	0	157	0	**159**
(C) Possible Injury	1	1	176	0	**178**
(O) No Injury	0	0	372	0	**372**
Unknown If Injured	0	0	11	0	**11**
Injured, Severity Unknown	0	0	0	0	**0**
TOTAL	**85**	**38**	**1,279**	**1**	**1,403**

The above chart shows overall injuries in fatal collisions according to whether the vehicle occupant was ejected from the vehicle, partially ejected, or not ejected.

89% OF VEHICLE OCCUPANTS WHO WERE EITHER TOTALLY OR PARTIALLY EJECTED WERE KILLED. This data also reaffirms the lifesaving advantage of using an active restraint, since the possibility of being ejected upon impact is significantly reduced.

Motorcycles are excluded for ejections. (not applicable under FARS guidelines)

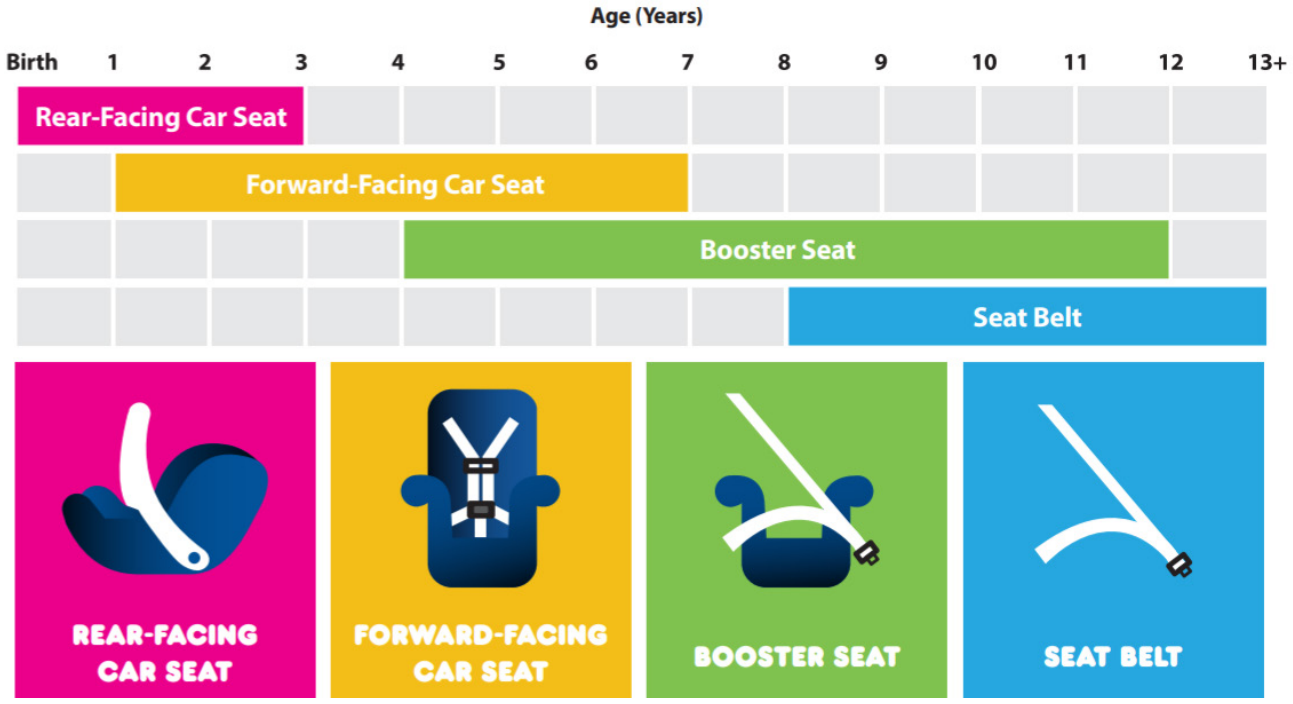
CHILD RESTRAINTS IN FATAL COLLISIONS

Kentucky's "child restraint law" (KRS 189.125) requires that "Any driver of a motor vehicle, when transporting a child of forty (40) inches in height or less in a motor vehicle operated on the roadways, streets, and highways of this state, shall have the child properly secured in a child restraint system of a type meeting federal motor vehicle safety standards."

In order to qualify, the child restraint system must be certified as having been federally approved. (Federal approval of a child restraint system is based on its having withstood dynamic crash tests -- 30 mph collision into a fixed barrier.)

The data on child restraints depicted in the chart below reflects age (four years and under) rather than the height of the child. Other states with child restraint laws have adopted the "four years and under" standard in their statutes.

RESULT	AGE 4 & UNDER TOTAL	CHILD RESTRAINT USED	LAP BELT &/OR HARNESS USED	NONE USED	UNKNOWN
Killed	4	3	0	1	0
Injured (Incapacitating)	2	1	0	1	0
Injured (Non-Incapacitating)	10	8	2	0	0
Injured (Possible)	13	13	0	0	0
Not Injured	12	12	0	0	0
TOTAL	41	37	2	2	2



https://www.nhtsa.gov/equipment/car-seats-and-booster-seats

COST OF KENTUCKY TRAFFIC COLLISIONS

$11.3 - $74.9 BILLION

The calculable costs (Economic Costs) of motor vehicle collisions on public roads include wage loss, medical expense, administration costs, property damage, and employer costs. Comprehensive Costs include not only the Economic Cost components but also a measure of the value of lost quality of life associated with deaths and injuries.

Estimated Costs provided by the National Safety Council (Injury Facts®) considering both Economic and Comprehensive Costs, were used to arrive at a cost range for traffic collisions in Kentucky occurring on public roads.

Costs for 2018 were used as this is the most recent available at the time of this publication.

+ Source: https://injuryfacts.nsc.org/all-injuries/costs/guide-to-calculating-costs/data-details/ (*Info most currently available as of September, 2020.*)

Economic and Comprehensive Costs					
	Number Reported	Economic Cost Per	Estimated Economic Cost	Comprehensive Cost Per	Estimated Comprehensive Cost
(K) Killed	732	$1,659,000	$1,214,388,000	$10,855,000	$7,945,860,000
(A) Suspected Serious Injury	2,736	$96,200	$263,203,200	$1,187,000	$3,247,632,000
(B) Suspected Minor Injury	12,257	$27,800	$340,744,600	$327,000	$4,008,039,000
(C) Possible Injury	359,020	$22,800	$8,185,656,000	$151,000	$54,212,020,000
(O) No Observable Injury	109,313	$12,200	$1,333,618,600	$50,000	$5,465,650,000
			$11,337,610,400		**$74,879,201,000**

PARK. LOOK. LOCK.

HEATSTROKE PREVENTION TIPS FOR PARENTS AND CAREGIVERS

Leaving a child alone in a vehicle can lead to tragedy. These deaths, while accidental, are always preventable. Here are some helpful tips to make sure it doesn't happen to your family.

REMEMBER:

- Never leave a child alone in a parked car, even with the windows rolled down or the air conditioning on. A child's body temperature can rise 3 to 5 times faster than an adult's. A core body temperature of 107 degrees is lethal.
- Always look in both the front and back of the vehicle before locking the door and walking away.
- Heatstroke can occur in temperatures as low as 57 degrees. On an 80-degree day, temperatures inside a vehicle can reach deadly levels in just 10 minutes.
- Never let children play in an unattended vehicle. Teach them a vehicle is not a play area.
- Always lock your vehicle doors and trunk, and keep the keys out of a child's reach. If a child is missing, quickly check all vehicles, including the trunk.

Come up with ways to remind yourself that a child is in your vehicle. Here are some suggestions:

- Place a briefcase, purse or cell phone next to the child's car seat so that you'll always check the back seat before leaving the car.
- Put a teddy bear in the passenger seat as reminder to check the back seat before you exit the vehicle.
- Have your childcare provider call you if your child doesn't arrive.
- Write a note and place it on the dashboard of your car, or set a reminder on your cell phone or calendar.
- If taking your child to day care is not part of your usual routine, call your spouse or another caregiver to confirm you've dropped off your child.

REMEMBER:

Kids and hot cars are a deadly combination. Don't take the chance. Look before you lock.

where's baby?
Look before you lock.

nhtsa.gov/heatstroke

NHTSA