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TRAFFIC COLLISION FACTS



2021 REPORT

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As a go-to reference for Kentucky Transportation Cabinet (KYTC) policy and engineering guidance, the Highway Knowledge Portal (HKP) synthesizes information contained in the Cabinet’s technical guidance manuals.

<https://kp.uky.edu>



Developed to provide better access to crash data and help transportation professionals in Kentucky have a better understanding of safety performance. CDAT integrates crash and roadway data allowing users to query a segment or intersection to obtain a safety score as compared to other segments or intersections. CDAT provides easy and consistent access to crash data and methodologies employing techniques from the Highway Safety Manual.

<https://crashtool.uky.edu>



SPF-R Online is a web tool created to assist with the development of safety performance functions (SPFs).

SPF-R Online removes the barrier of needing to know or run R-Script, as everything is neatly packaged in a convenient web application.

<https://SPFR.uky.edu>



COMMONWEALTH OF KENTUCKY
OFFICE OF THE GOVERNOR

Andy Beshear
GOVERNOR

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Dear Kentuckians:

Since taking office, transparency has been a high priority for me and my administration. This includes sharing available data from reports on different issues. It is in the interest of not only transparency but also public safety that I share with you today the 2021 Kentucky Traffic Collision Facts report produced by the Kentucky State Police, which includes statistics regarding vehicular collisions that occurred on Kentucky's roadways last year.

I am sad to report that during 2021, the commonwealth lost 806 Kentuckians in auto collisions. Of these deaths, 165 were due to drivers under the influence of alcohol and 302 were due to drivers under the influence of drugs. Those lost in each of these accidents were people who are, and will, continue to be truly missed by those close to them.

One life lost in an auto collision is one too many. The 806 lives lost should serve as a constant reminder that we have an obligation to protect not only ourselves, but also others while on the road. I want to remind all motorists, both seasoned and new, to follow these safe practices:

- Always wear a seatbelt
- Never text and drive
- Don't operate a vehicle under the influence of drugs or alcohol
- Observe posted speed limits

By holding ourselves accountable and working together, we will save lives and make Kentucky's roadways safer for all this great commonwealth's citizens and visitors. Together we can commit to being safer drivers and decreasing the number of auto collisions and fatalities in 2022.

Sincerely,


Andy Beshear
Governor



Andy Beshear
Governor

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Kerry Harvey
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The Honorable Andy Beshear
Governor of Kentucky
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Dear Governor Beshear:

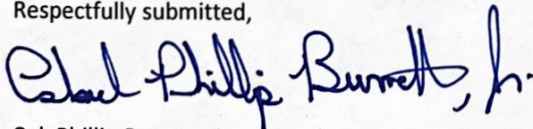
Kentucky Revised Statutes, Chapter 189.635, mandates that Kentucky State Police collect and tabulate the traffic collision reports submitted by all law enforcement agencies across the Commonwealth.

In adherence to this statute, the Kentucky State Police proudly presents the 2021 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,



Col. Phillip Burnett, Jr.
Commissioner



TEAM
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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**

806

**who were victims of fatal traffic collisions
on Kentucky's public roads in 2021.**

KENTUCKY

TRAFFIC COLLISION FACTS

2021

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INTRODUCTION

Kentucky's *Traffic Collision Facts* 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 to improve the Commonwealth's traffic safety program.

Unless otherwise noted, 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. Collision data are contained in an automatic system called the 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 National Highway Traffic Safety Administration (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 Only (PDO) 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 were updated beginning with the 2019 (FY2020) publication. This may result in slight changes, but should improve the overall quality and accuracy of this report. Depending on when the data extract was received, there may be slight variances as crash information may change following crash investigation. Fatalities may be manually adjusted to match FARS following the extract but other numbers may not be adjusted. This summary comes from a snapshot of data captured in the second quarter of the year of publication following the end of the previous calendar year, which is done to ensure the data have been finalized

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



COLLISION SUMMARY

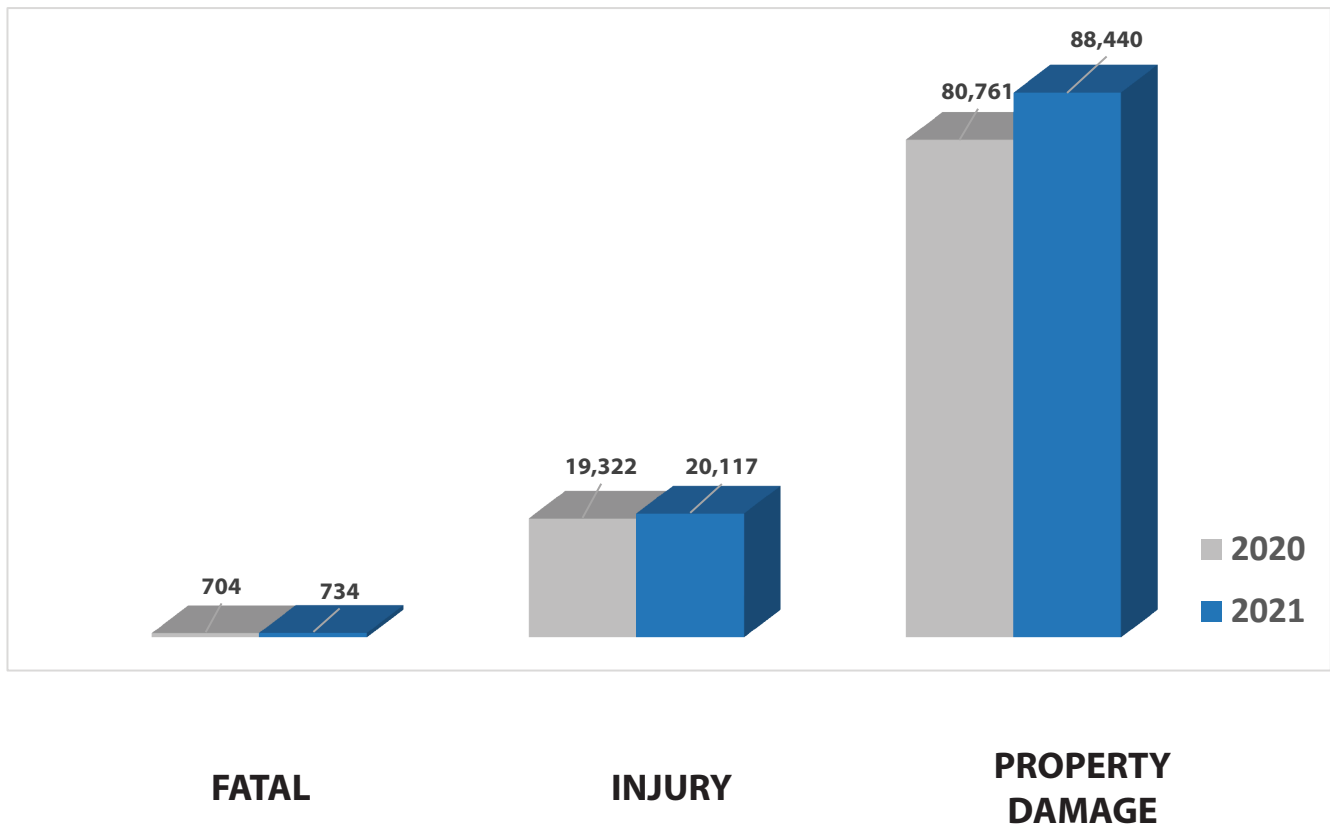
YEAR-OVER-YEAR COLLISION SUMMARY

TYPE OF COLLISION REPORTED	2020	2021	CHANGE
FATAL (PUBLIC ROADS)	704	734	4.3%
NONFATAL (PUBLIC ROADS)	19,322	20,117	4.1%
PROPERTY DAMAGE ONLY (PUBLIC ROADS)	80,761	88,440	9.5%
TOTAL REPORTED (PUBLIC ROADS)	100,787	109,291	8.4%

FATAL (PARKING LOTS / PRIVATE PROPERTY)	4	10	150.0%
NONFATAL (PARKING LOTS / PRIVATE PROPERTY)	557	594	6.6%
PROPERTY DAMAGE (PARKING LOTS / PRIVATE PROPERTY)	18,101	21,313	17.7%
TOTAL REPORTED (PARKING LOTS / PRIVATE PROPERTY)	18,662	21,917	17.4%

TOTAL ALL REPORTED COLLISIONS	119,449	131,208	9.8%
FATAL COLLISIONS (TOTAL)	708	746	5.4%

Total Reported Collisions on Public Roads Increased 8.4% in 2021 Compared to 2020.



DEATH AND INJURY SUMMARY

	2020	2021	CHANGE
PERSONS KILLED+ (Public Roads)	780	806	4.1%
PERSONS KILLED (Parking Lots/Private Property)	5	10	100.0%
PERSONS KILLED++ (Total)	785	816	4.7%
PERSONS INJURED (Public Roads)	28,421	29,372	3.3%
PERSONS INJURED (Parking Lots/Private Property)	637	672	5.5%
PERSONS INJURED (Total)	29,058	30,044	3.4%

+ This figure was manually adjusted after review. Persons killed are adjusted by FARS following investigation. Crashes may involve death not resulting from the crash such as a natural cause. Locations may also initially indicate a public road and later be found to be on private property.

++ This figure comes from a query of a crash data snapshot and may not align by adding public roads and parking lots/private property.

In 2021

1 OF EVERY 5,526 KENTUCKY RESIDENTS DIED AS A RESULT OF A FATAL TRAFFIC COLLISION ON A PUBLIC ROAD IN KENTUCKY

1 IN 150 KENTUCKY RESIDENTS WAS INJURED IN A TRAFFIC COLLISION IN KENTUCKY*

1 OF EVERY 22 DRIVERS LICENSED IN KENTUCKY WAS INVOLVED IN A TRAFFIC COLLISION IN KENTUCKY

1 OF 3,609 KENTUCKY DRIVERS WAS INVOLVED IN A FATAL COLLISION**

* Based on 4,509,394 population estimate for Kentucky from www.census.gov/quickfacts/KY

** Based on 3,385,058 licensed drivers in Kentucky including learner permit but excluding ID cards

- A total of **806** persons were killed on public roads this year.
- The total number of traffic fatalities **increased 4.1%**.
- **29,372** persons were injured on public roads in 2021, an **increase of 3.3%**.
- Daily Total Miles Driven in Kentucky: **132,014,000**.
- Yearly Total Miles Driven in Kentucky: **48,185,110,000**.

INJURY TYPE	NUMBER	%
KILLED		
Public Roads	806	2.7%
Parking Lots/Private Property	10	1.5%
SUSPECTED MAJOR INJURY		
Public Roads	2,867	9.5%
Parking Lots/Private Property	49	7.2%
SUSPECTED MINOR INJURY		
Public Roads	11,856	39.3%
Parking Lots/Private Property	257	37.7%
POSSIBLE INJURY		
Public Roads	14,649	48.5%
Parking Lots/Private Property	366	53.7%
TOTAL		
Public Roads	30,178	100%
Parking Lots/Private Property	682	100%

TOTAL DEATH RATES			
<i>Deaths per 100 vehicle million miles traveled</i>			
		RATE	
YEAR	KILLED	KY +	U.S. ++
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	1.59	1.25
2018	724	1.46	1.24
2019	732	1.48	1.20
2020	780	1.68	1.49
2021	806	1.62	1.43

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

+ KYTC Daily Vehicle Miles Traveled (DVMT) and Mileage Report

++ NHTSA Traffic Safety Facts & NSC Motor Vehicle Fatality Estimates

FATALITIES BY AGE AND SEX

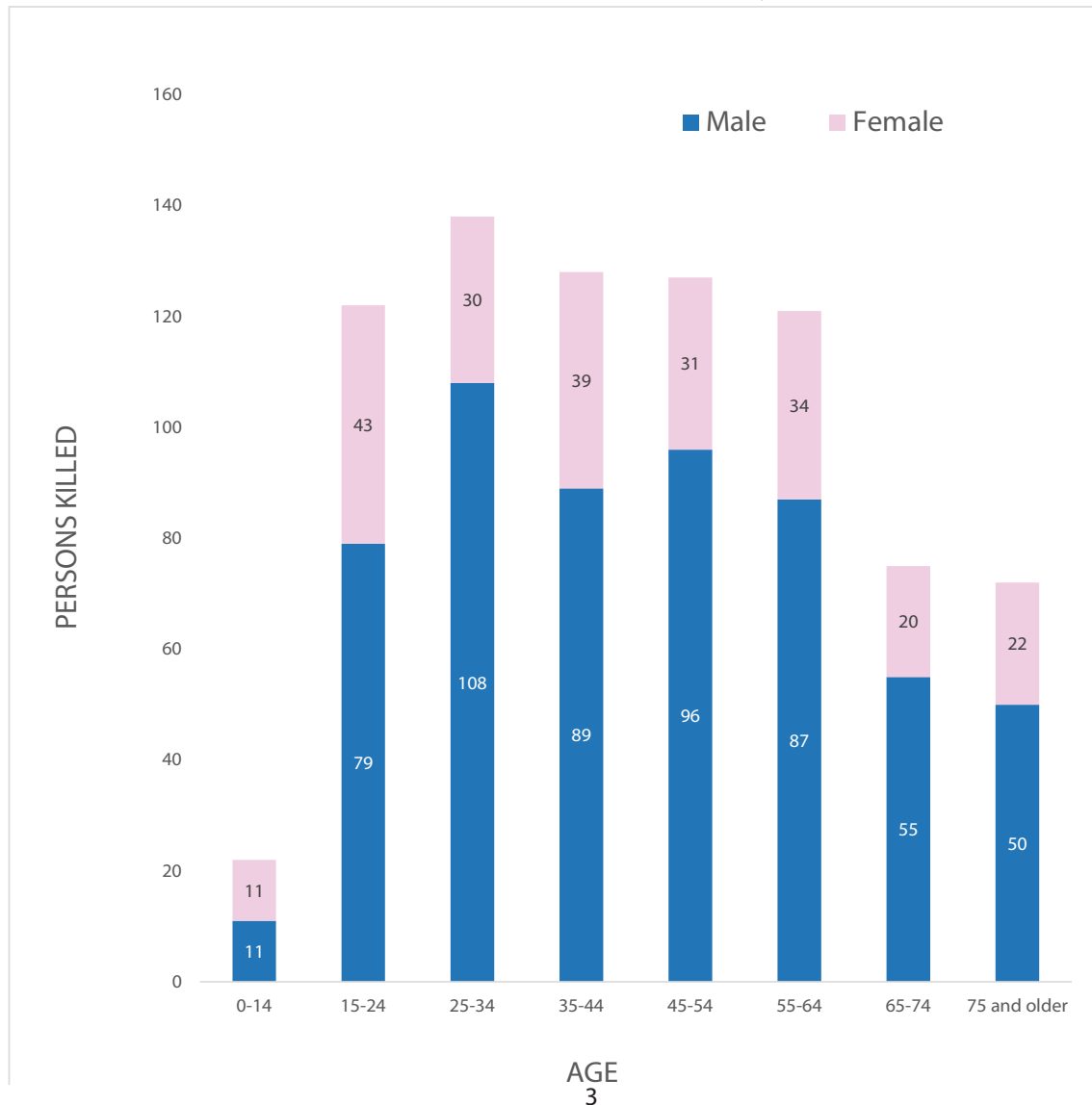
There were **575** men and **230** women killed.

15.2% of all persons killed in traffic collisions were in the **15 to 24 year old age group**.

The percentage of men or women killed in a given age group as a percentage of the total men or women killed is presented in the table to the right.

Age	Male	Female
0-14	2%	5%
15-24	14%	19%
25-34	19%	13%
35-44	15%	17%
45-54	17%	13%
55-64	15%	15%
65-74	10%	9%
75 and older	9%	10%

The number of persons killed in fatal collisions in 2021 is shown by age and sex in the chart below.



SEVERITY OF INJURY BY TYPE OF COLLISION

The table below summarizes injury data by collision type.

TYPE OF COLLISION	TYPE OF INJURY						
	TOTAL COLLISIONS	(K) KILLED	(A) SUSPECTED SERIOUS INJURY	(B) SUSPECTED MINOR INJURY	(C) POSSIBLE INJURY	% OF TOTAL OCCUPANTS KILLED OR INJURED	FATAL COLLISIONS
COLLISION WITH MOVING VEHICLE	68,920	336	1,352	7,655	10,732	66.5	286
COLLISION WITH FIXED OBJECT	18,375	198	686	1,998	2,197	16.8	187
OTHER NON-COLLISION	6,118	136	419	1,057	800	8.0	129
COLLISION WITH PEDESTRIAN	916	77	178	368	203	2.7	77
NON-COLLISION OVERTURNED	733	20	75	214	155	1.5	19
COLLISION WITH OTHER OBJECT	1,517	6	30	111	140	1.0	6
COLLISION WITH PEDALCYCLIST	311	9	35	126	67	0.8	9
COLLISION WITH PARKED VEHICLE	6,572	16	43	177	219	1.5	13
COLLISION WITH DEER	2,988	3	25	82	58	0.6	3
COLLISION WITH OTHER ANIMAL	2,814	4	24	67	75	0.6	4
COLLISION WITH TRAIN	27	1	0	1	3	0	1
TOTALS	109,291	806	2,867	11,856	14,649	100	734

OCCURRENCE OF COLLISIONS BY TYPE

Severity by type visualized.

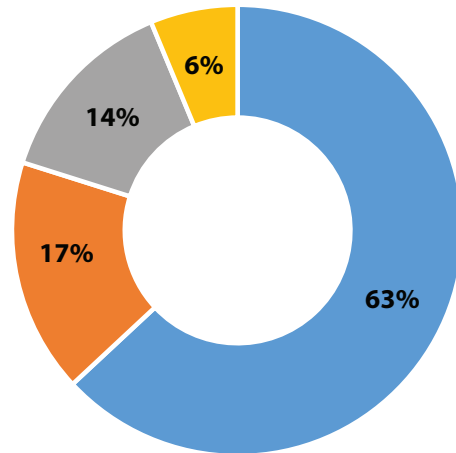
Looking at **all** collisions:

~**63%** involved collisions between two or more moving vehicles.

~**17%** involved collisions with fixed objects.

~**14%** did not involve a collision with either a moving vehicle or a fixed object.

ALL COLLISIONS



■ With Moving Vehicles ■ With Fixed Object
■ All Other ■ Non Collisions

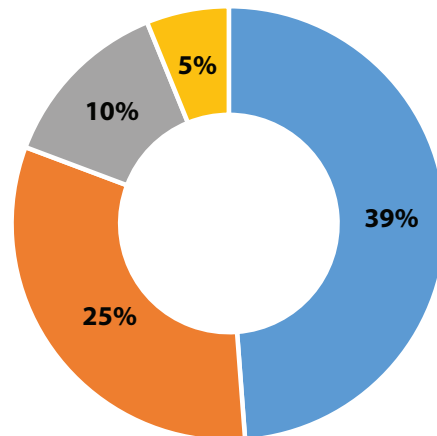
Looking at **fatal** collisions:

~**39%** involved a collision with another moving vehicle.

~**25%** involved collisions with fixed objects.

~**10%** involved pedestrians.

Fatal Collisions



■ With Moving Vehicles ■ With Fixed Object
■ With Pedestrian ■ All Other

Specific types of collisions and the percentage of total collisions and fatalities for each collision category are shown on the next page.

TYPES OF COLLISIONS

Collisions with other moving motor vehicles were responsible for **~68%** of all collisions reported, and accounted for **~41%** of all fatalities (persons killed).

Collisions with fixed objects accounted for **~18%** of all collisions, but **~31%** of fatalities.

COLLISIONS WITH MOVING MOTOR VEHICLE:

Total Collisions:	74,672
% of Total Collisions:	68.32
Persons Killed:	350
% of Total Fatalities:	43.42
# of Fatal Collisions:	298
% if All Fatal Collisions:	40.6



COLLISIONS WITH PEDESTRIAN:

Total Collisions:	916
% of Total Collisions:	0.84
Persons Killed:	77
% of Total Fatalities:	9.55
# of Fatal Collisions:	77
% if All Fatal Collisions:	10.49

COLLISIONS WITH FIXED OBJECT:

Total Collisions:	19,496
% of Total Collisions:	17.84
Persons Killed:	239
% of Total Fatalities:	29.65
# of Fatal Collisions:	228
% if All Fatal Collisions:	31.06

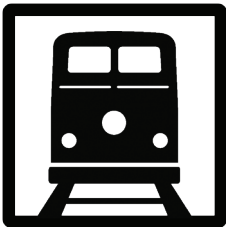


COLLISIONS WITH PEDALCYCLIST:

Total Collisions:	330
% of Total Collisions:	0.3
Persons Killed:	9
% of Total Fatalities:	1.12
# of Fatal Collisions:	9
% if All Fatal Collisions:	1.23

COLLISIONS WITH PARKED VEHICLE:

Total Collisions:	6,591
% of Total Collisions:	6.03
Persons Killed:	19
% of Total Fatalities:	2.36
# of Fatal Collisions:	16
% if All Fatal Collisions:	2.18



COLLISIONS WITH RAILWAY TRAIN:

Total Collisions:	28
% of Total Collisions:	0.03
Persons Killed:	1
% of Total Fatalities:	0.12
# of Fatal Collisions:	1
% if All Fatal Collisions:	0.14

COLLISIONS WITH OTHER OBJECTS:

Total Collisions:	1,600
% of Total Collisions:	1.46
Persons Killed:	6
% of Total Fatalities:	0.74
# of Fatal Collisions:	6
% if All Fatal Collisions:	0.82

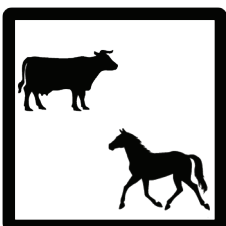


COLLISIONS WITH DEER:

Total Collisions:	2,989
% of Total Collisions:	2.73
Persons Killed:	3
% of Total Fatalities:	0.37
# of Fatal Collisions:	3
% if All Fatal Collisions:	0.41

NON-COLLISION OVERTURNED:

Total Collisions:	745
% of Total Collisions:	0.68
Persons Killed:	22
% of Total Fatalities:	2.73
# of Fatal Collisions:	21
% if All Fatal Collisions:	2.86

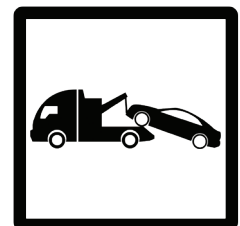


COLLISIONS WITH OTHER ANIMALS (excluding deer):

Total Collisions:	2,816
% of Total Collisions:	2.58
Persons Killed:	4
% of Total Fatalities:	0.5
# of Fatal Collisions:	4
% if All Fatal Collisions:	0.54

NON-COLLISION OTHER:

Total Collisions:	6,243
% of Total Collisions:	5.71
Persons Killed:	141
% of Total Fatalities:	17.49
# of Fatal Collisions:	133
% if All Fatal Collisions:	18.12





PEDESTRIAN COLLISIONS



75 pedestrians were killed and 674 injured in traffic collisions in 2021. The charts below indicate the ages of victims of pedestrian collisions and the factors related to the pedestrian and vehicle at the time of the collision.

1.3% of the pedestrians killed or injured were 14 years of age or younger, while 10.7% 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	4	50	2	-	1	4	5	15	23	2	2
At Intersection	5	73	-	2	4	6	7	21	24	12	2
Crossing Against Signal	5	56	-	2	7	8	8	17	13	4	2
Crossing With Signal	4	98	-	-	2	6	9	37	31	11	6
Dark Clothing/Not Visible	28	119	1	-	4	9	9	60	41	16	7
Darting into Roadway	12	94	3	10	14	9	7	31	23	4	5
Drinking (Pedestrian)	7	30	-	-	-	1	2	17	11	2	4
Drug Related (Pedestrian)	3	9	-	-	-	2	-	8	1	-	1
Getting On or Off Vehicle	1	11	-	-	1	2	1	3	3	2	-
In Crosswalk	2	89	-	3	1	13	4	21	29	17	3
Jogging	-	5	-	-	-	1	-	2	1	1	-
Lying in Roadway	4	5	-	-	-	1	-	4	4	-	-
Not at Intersection	11	113	10	4	2	11	15	30	32	12	8
Not in Roadway	3	116	11	4	2	9	17	24	36	13	3
Physical Impairment	-	4	-	-	-	-	1	2	-	1	-
Playing in Roadway	-	6	3	2	-	1	-	-	-	-	-
Pushing Vehicle	-	1	-	-	-	1	-	-	-	-	-
Skating/Skateboarding	-	17	1	-	7	6	1	2	-	-	-
Walking in Roadway	31	164	3	7	3	9	8	61	68	27	9
Working in Roadway	2	22	-	-	-	-	5	11	5	2	1
Working on Vehicle	3	21	-	-	-	4	3	8	6	2	1
TOTAL*	125	1,103	34	34	48	103	102	374	351	128	54

PEDESTRIAN FACTOR	VEHICLE ACTION								
	Straight	Right Turn	Left Turn	Starting in Traffic	Slowing	Parking	Backing	Other	TOTAL
Approaching or Leaving Vehicle	39	-	1	-	2	12	4	5	63
At Intersection	38	13	23	1	1	2	-	1	79
Crossing Against Signal	43	3	16	-	-	-	-	5	67
Crossing With Signal	9	33	62	1	-	-	-	-	105
Dark Clothing/Not Visible	135	2	15	1	4	1	3	12	173
Darting into Roadway	118	-	4	1	4	1	2	7	137
Drinking (Pedestrian)	32	1	4	-	1	-	-	-	38
Drug Related (Pedestrian)	11	-	-	-	-	1	-	-	12
Getting On or Off Vehicle	5	-	-	-	2	3	-	4	14
In Crosswalk	37	24	40	3	3	-	-	1	108
Jogging	4	2	-	-	1	1	-	-	8
Lying in Roadway	5	-	-	-	-	-	-	4	9
Not at Intersection	86	-	8	2	1	4	3	8	112
Not in Roadway	45	-	2	-	5	18	7	15	92
Physical Impairment	3	2	-	-	-	-	-	1	6
Playing in Roadway	9	-	-	-	-	-	1	-	10
Pushing Vehicle	1	-	-	-	-	-	-	-	1
Skating/Skateboarding	15	1	3	-	-	1	-	-	20
Walking in Roadway	174	2	21	1	3	3	2	17	223
Working in Roadway	21	-	2	-	1	6	3	4	37
Working on Vehicle	13	-	-	-	-	15	-	6	34
TOTAL*	843	83	201	10	28	68	25	90	1,348

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

HIT-AND-RUN COLLISIONS

Hit-and-run collisions occur when the driver leaves the collision scene with the intent of evading responsibility. Hit-and-run is a serious violation of the law. In 2021 there were **11,312** hit-and-run collisions, of which **38** were fatal collisions and **1,037** were injury collisions.

As shown, most of Kentucky's hit-and-run collisions were property damage collisions (**90.5%**). **39** persons were killed and **1,363** were injured.

TOTAL	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE COLLISIONS	PERSONS KILLED	PERSONS INJURED
11,312	38	1,037	10,237	39	1,363

HIT-AND-RUN VICTIMS

As shown in the chart below, **17** persons killed in hit-and-run collisions were pedestrians and **3** were pedalcyclists. **117** pedestrians and **33** pedalcyclists were injured.

TYPE OF VICTIM	PERSONS KILLED	PERSONS INJURED
Pedestrian	17	117
Pedalcyclist	3	33
Other	19	1,213
TOTAL	39	1,363



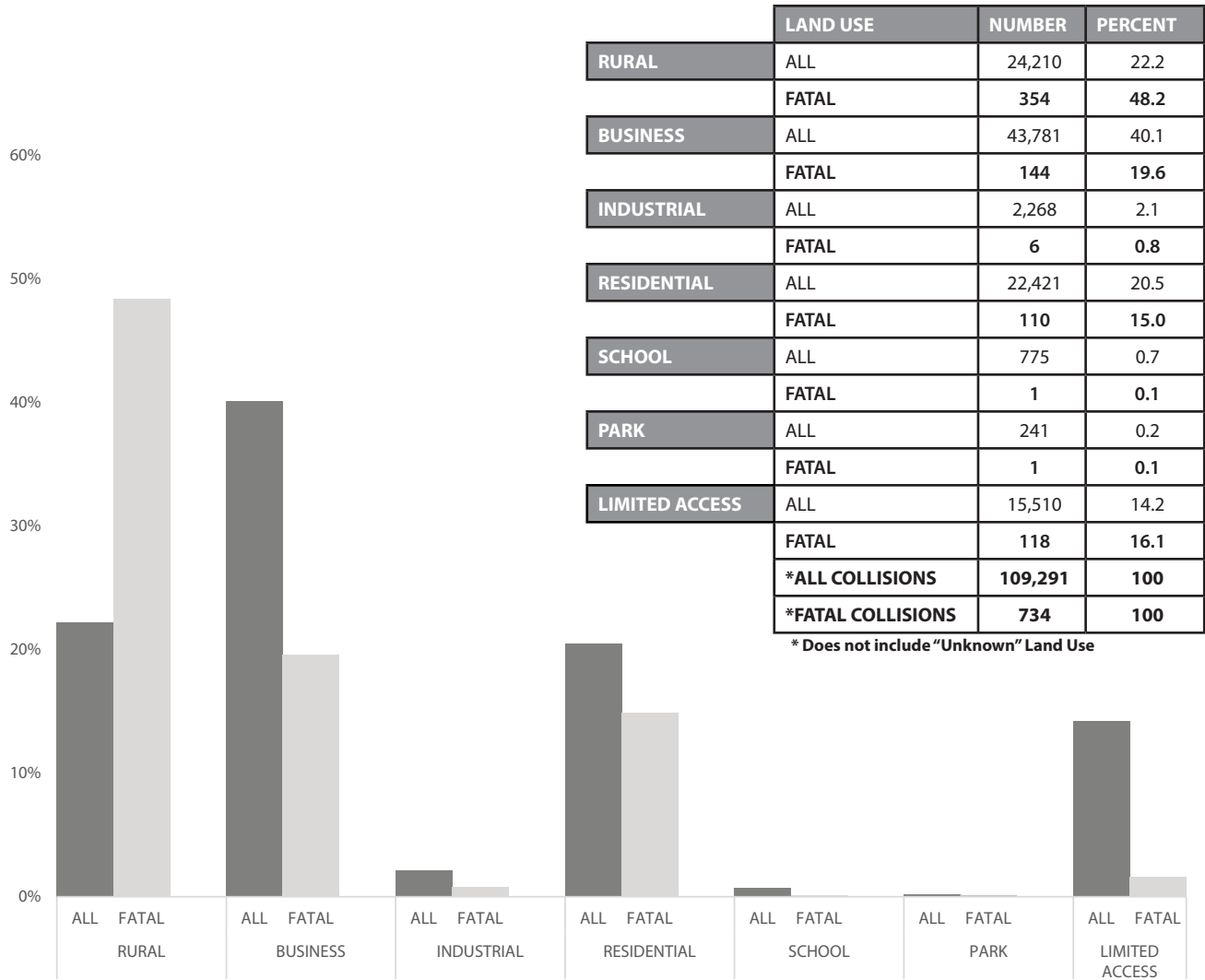
LOCATION OF HIT-AND-RUN COLLISIONS

The location of hit-and-run collisions are shown in the chart below.

The largest percentage of hit-and-run collisions (**41%**) occurred on city streets, followed by **25%** on state routes, and **16%** on U.S. routes.

TYPE OF ROADWAY	ALL HIT-AND-RUN COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE
INTERSTATE	1,205	1	124	1,080
U.S. ROUTE	1,777	6	180	1,591
STATE ROUTE	2,826	14	300	2,512
PARKWAY	55	-	5	50
COUNTY ROADS	500	2	44	454
CITY STREETS	4,648	13	362	4,273
OTHER	301	2	22	277
TOTAL	11,312	38	1,037	10,237

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 with a population greater than or equal to 5,000. Rural areas are places that do not meet this criterion. As shown in the chart below, most collisions (**60%**) occurred in urban areas.

Also, **61%** of injury crashes occurred in urban areas. However, the majority of fatal collisions (**51%**) took place in rural areas. 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	42,474	38.0	380	51.0	7,578	37.0	34,516	39.0	415	51.0	11,113	37.0
Urban	66,118	60.0	348	47.0	12,409	61.0	53,361	60.0	385	47.0	18,062	61.0
Unknown	699	-	8	1.0	130	-	561	-	8	-	197	-
TOTAL	109,291	100	736	100	20,117	100	88,438	100	808	100	29,372	100

LOCATION OF COLLISIONS

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

35% of all collisions occurred on Kentucky's State Numbered roads, with **47%** of all fatal collisions occurring on this type of roadway.

Although **21%** of all collisions occurred on city streets, only **7%** of the fatal collisions occurred on city streets.

TYPE OF ROADWAY	Fatal Collisions	Nonfatal Injury	Property Damage	Percent Total
INTERSTATE	84	2110	9883	11.05
U.S. ROUTE	174	5128	20993	24.06
STATE ROUTE	347	7950	29641	34.71
PARKWAY	19	284	1487	1.64
COUNTY ROAD	48	1031	4484	5.09
CITY STREET	50	3176	19672	20.95
OTHER	12	438	2280	2.5
+ TOTAL	734	20,117	88,440	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	807	9	110	688	9	178
I-64	1575	19	306	1250	23	461
I-65	2248	21	436	1791	24	635
I-69	299	5	41	253	6	64
I-71	927	9	171	747	9	260
I-75	3893	13	550	3330	22	800
*I-165	3	0	0	3	0	0
I-264	718	5	231	482	6	347
I-265	287	3	86	198	3	125
I-275	993	0	141	852	0	202
I-471	355	0	41	314	0	53
TOTAL	12,105	84	2,113	9,908	102	3,125

PARKWAY	Collisions	Fatal Collisions	Nonfatal Injury	Property Damage	Number Killed	Number Injured
Audubon	87	2	15	70	4	24
Martha L. Collins Bluegrass	209	2	31	176	2	51
Louie B. Nunn Cumberland	196	2	27	167	2	33
Hal Rogers Daniel Boone	121	1	26	94	1	35
*William H. Natcher Green River	240	3	25	212	3	37
Bert T. Combs Mountain	122	1	39	82	1	54
Edward T. Breathitt Pennyrile	163	3	27	133	3	38
Julian M. Carroll Purchase	192	1	44	147	1	50
Wendell H. Ford Western Kentucky	307	3	50	254	3	71
TOTAL	1,637	18	284	1,335	20	393

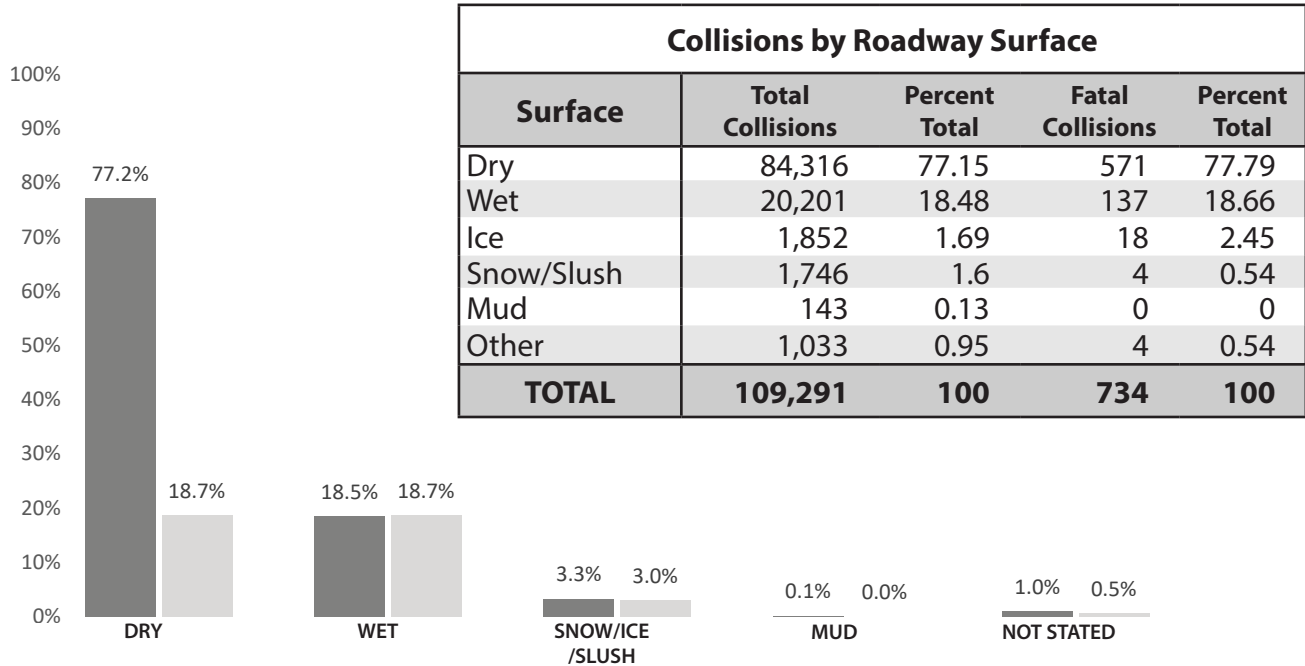
* Note that in 2019 the William H. Natcher Parkway was redesignated as Interstate I-165 following completion of a project that brought the highway up to Interstate Highway Standards. Tables reflect data as they were recorded by first responders.

COLLISIONS BY ROADWAY CONDITIONS AND ROADWAY CHARACTER

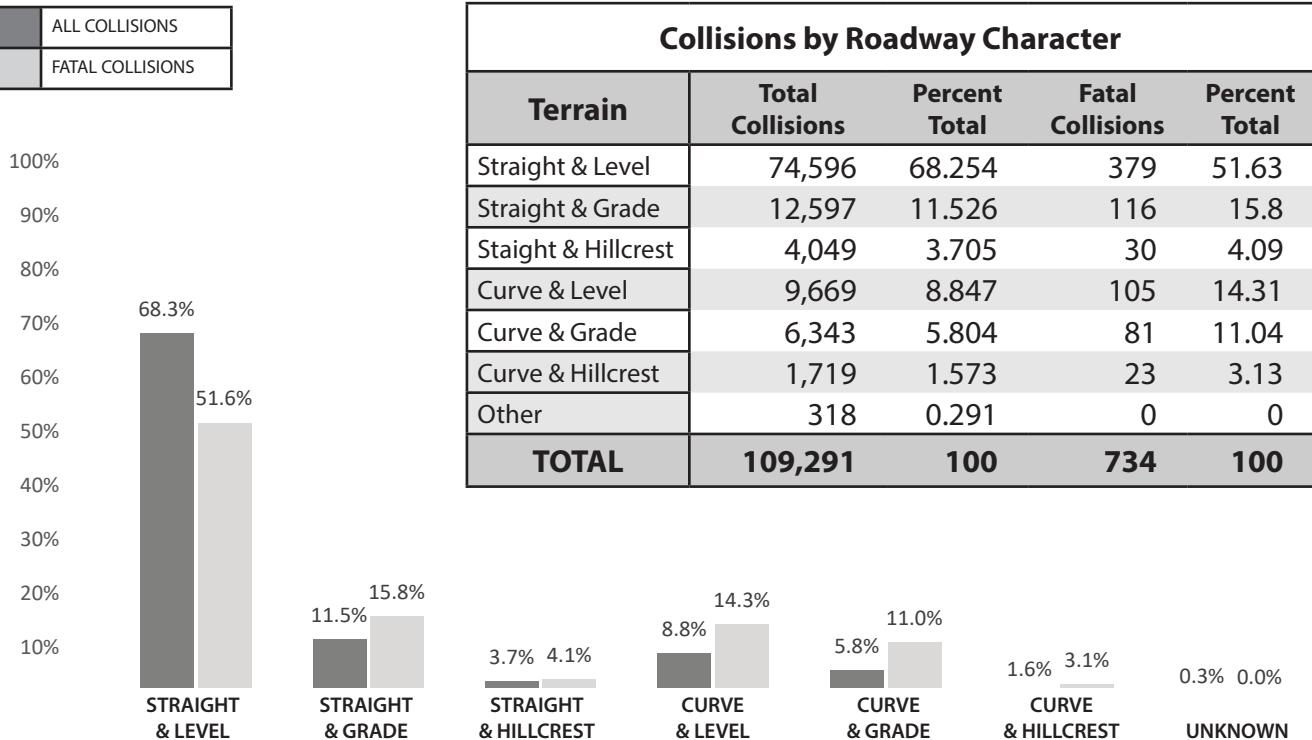
The charts below provide a breakdown of collisions and fatal collisions by roadway surface condition and roadway character.

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

As shown in the bottom chart, **83%** of all collisions occurred on straight roads and **16%** on curved roads. **28%** of the fatal collisions occurred on curved roads.



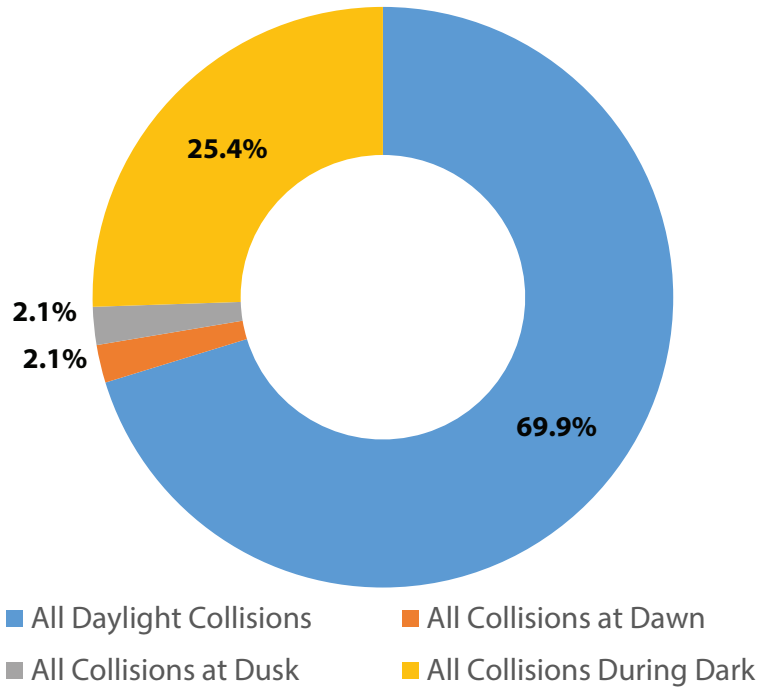
ALL COLLISIONS
FATAL COLLISIONS



COLLISIONS BY LIGHT CONDITION

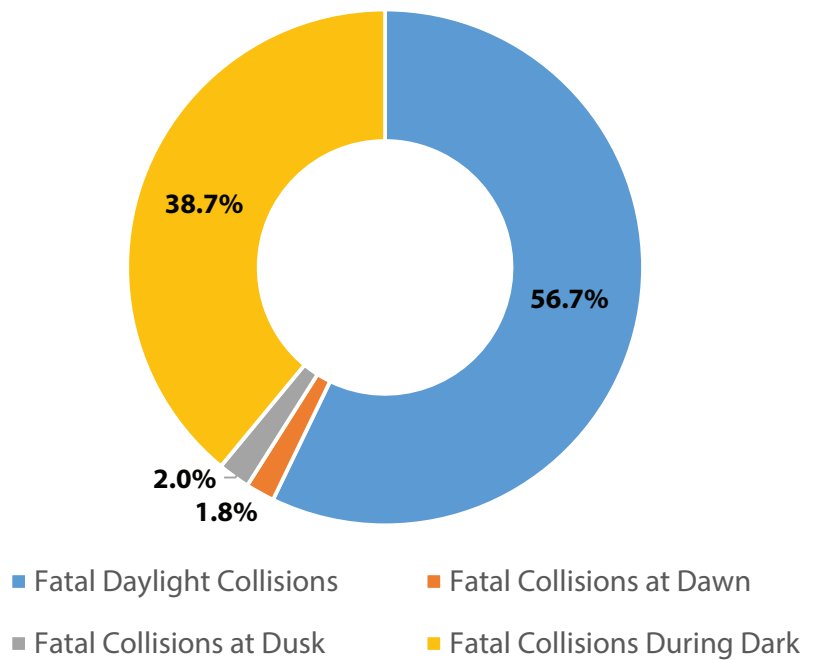
Condition	Number	Percent
All Daylight Collisions	76,439	69.9
All Collisions at Dawn	2,335	2.1
All Collisions at Dusk	2,261	2.1
All Collisions During Dark	27,746	25.4
Other/Unknown	510	0.5

ALL COLLISIONS
(excludes unknown light conditions)

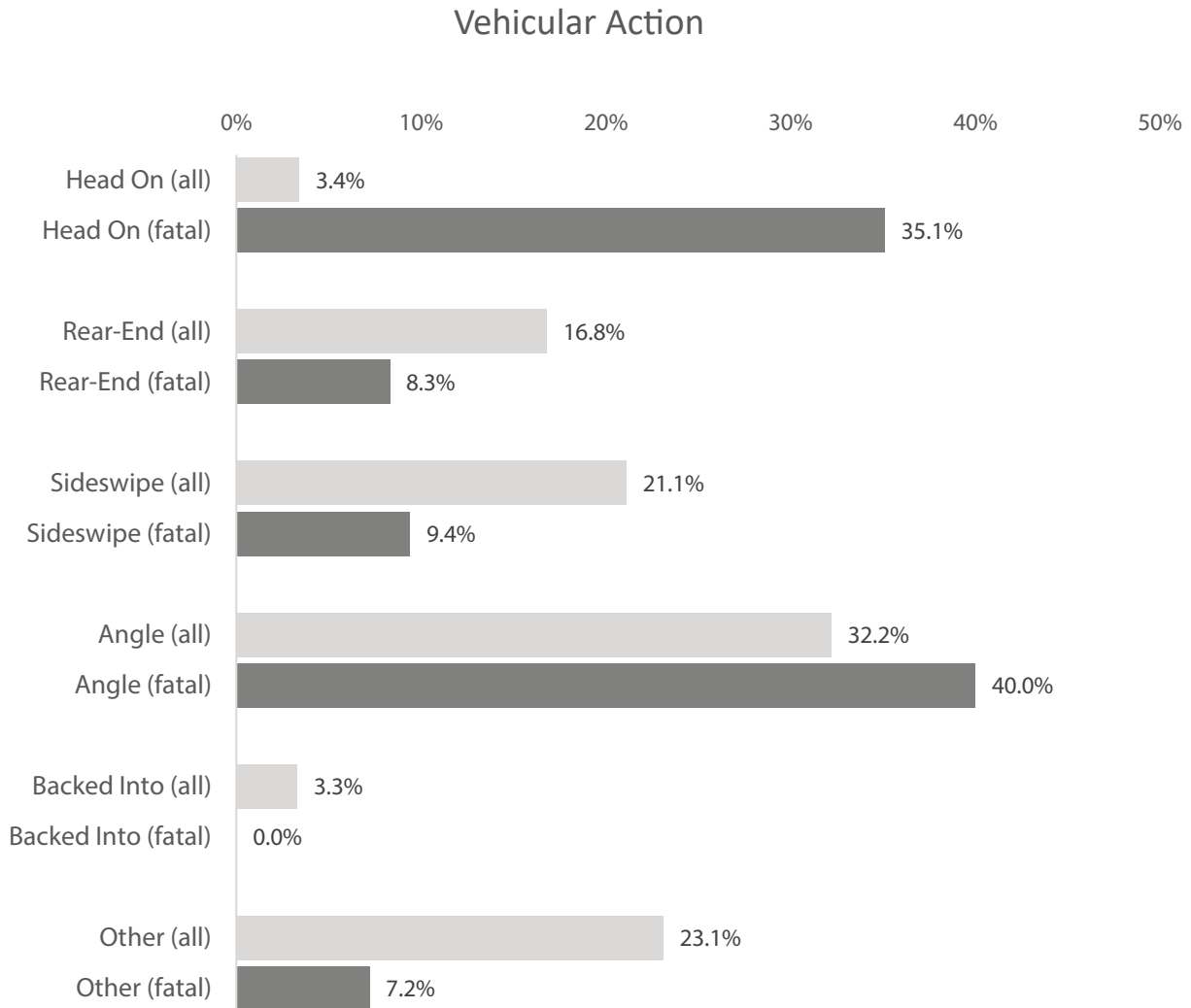


Condition	Number	Percent
Fatal Daylight Collisions	416	56.7
Fatal Collisions at Dawn	13	1.8
Fatal Collisions at Dusk	15	2
Fatal Collisions During Dark	284	38.7
Other/Unknown	6	0.8

FATAL COLLISIONS
(excludes unknown light conditions)



TWO-VEHICLE COLLISIONS



The above chart depicts the vehicular action for two-vehicle collisions, where known.

- **64,205** traffic collisions (including **265** fatal collisions) reported in 2021 were two-vehicle collisions. These collisions represented **59%** of all collisions and **36%** of fatal collisions reported.
- Head-on collisions accounted for **~3%** of all collisions involving two vehicles but **~35%** of fatal collisions.
- Rear-end collisions accounted for **~17%** of all two-vehicle collisions, but only **~8%** of fatal collisions.
- Sideswipe collisions (both meeting and passing) made up **~21%** of all collisions and **~9%** of fatal collisions.
- Angle collisions accounted for **~32%** of all two-vehicle collisions, but represented the highest percentage of fatal collisions at nearly **40%**.

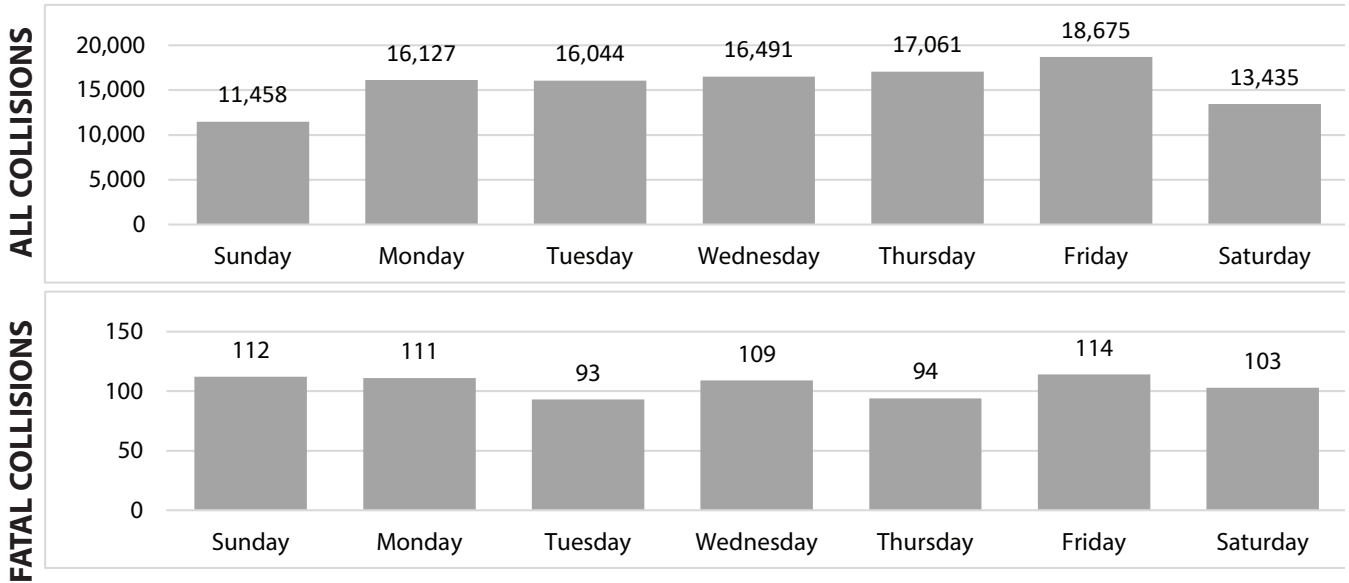
COLLISIONS BY DAY AND MONTH

23% of all collisions and 29% of fatal collisions occurred on weekends (Saturday and Sunday combined).

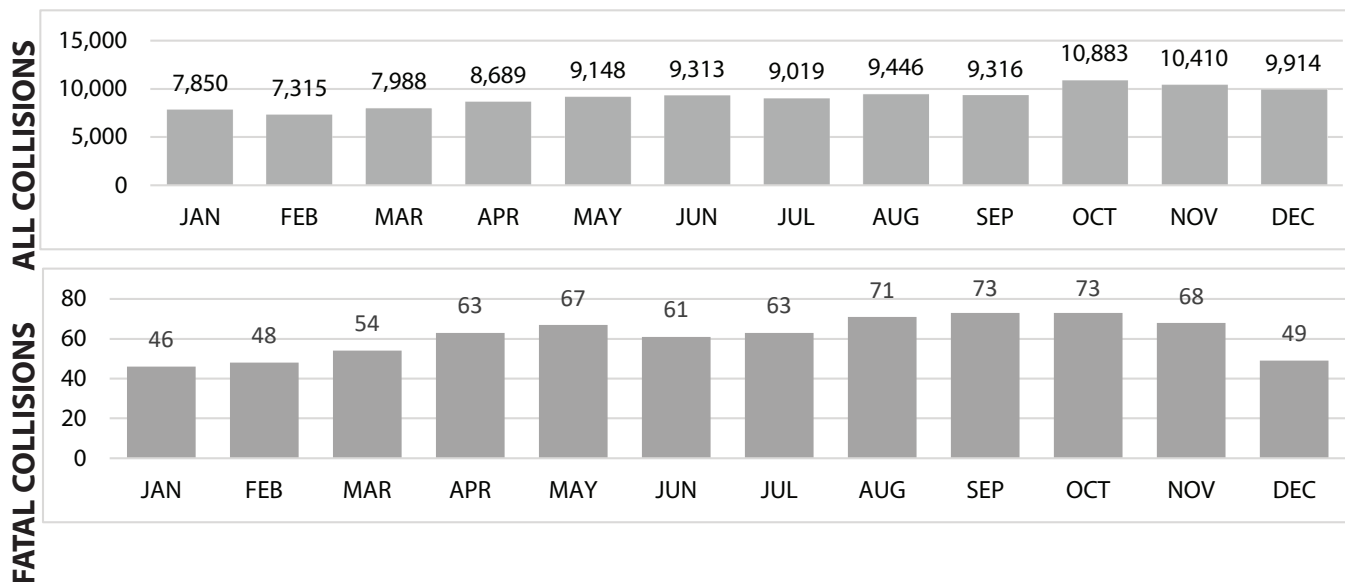
By month, **October** had the highest number collisions. **September and October** had the most fatal collisions.

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

COLLISIONS BY DAY OF WEEK



COLLISIONS BY MONTH



HOLIDAY COLLISIONS

TOTAL DEATHS HOLIDAY DEATH TOLL

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

HOLIDAY PERIOD	2017		2018		2019		2020		2021	
	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved	Number Killed	Alcohol Involved
NEW YEAR'S DAY	9	1	4	1	6	2	4	2	5	4
MEMORIAL DAY	4	2	9	5	14	4	5	2	8	4
INDEPENDENCE DAY	14	4	2	0	13	4	8	3	11	3
LABOR DAY	8	4	3	0	8	3	6	1	12	6
THANKSGIVING	4	1	7	2	5	0	4	1	10	3
CHRISTMAS	7	1	9	0	0	0	4	1	5	1
TOTAL	46	13	34	8	46	13	31	10	51	21

HOLIDAY TIMES AND DATES

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

HOLIDAY	BEGINS (6:00 PM)	ENDS (11:59PM)
New Year's Day	Thursday, December 31, 2020	Sunday, January 3, 2021
Memorial Day	Friday, May 28, 2021	Monday, May 31, 2021
Independence Day	Friday, July 2, 2021	Monday, July 5, 2021
Labor Day	Friday, September 3, 2021	Monday, September 6, 2021
Thanksgiving	Wednesday, November 24, 2021	Sunday, November 28, 2021
Christmas	Thursday, December 23, 2021	Sunday, December 26, 2021

COMPARISON OF HOLIDAY FATALITIES/COLLISIONS

These numbers may be impacted by the number of days included in the Holiday Times as defined 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	5	8	11	12	11	5
NO. PERSONS INJURED	229	221	224	225	313	165
FATAL COLLISIONS	5	7	11	12	10	4
INJURY COLLISIONS	152	148	160	140	193	111
PROPERTY DAMAGE	529	597	586	535	773	463
TOTAL COLLISIONS	686	752	757	687	976	578

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 *	176,712	89.82	912	70.86
Taxicabs	25	0.01	1	0.08
Trucks	10,105	5.14	129	10.02
Motorcycles	1,526	0.78	96	7.46
Motor Shooters/Motor Bikes	261	0.13	13	1.01
School Buses	278	0.14	1	0.08
Other Buses	741	0.38	5	0.39
Farm Tractors/Equipment	226	0.11	8	0.62
Emergency	1,223	0.62	6	0.47
Other Public Owned	218	0.11	4	0.31
Go Carts	24	0.01	-	-
Other	5,399	2.74	112	8.70
Not Stated	-	-	-	-
TOTAL	196,738	100	1,287	100

- There were **196,738** vehicles involved in collisions in 2021.
- Of these, **158,462** were involved in property damage only collisions, **36,989** were involved in injury collisions, and **1,287** were involved in fatal collisions.
- Most (**90%**) vehicles involved in all collisions were passenger cars (**71%** in fatal collisions).
- Trucks accounted for **5%** of vehicles in all collisions, but **10%** of vehicles in fatal collisions.
- Motorcycles represented **7%** of vehicles in fatal collisions, but **less than 1%** of vehicles in all collisions.

VEHICLES REGISTERED IN KENTUCKY	
Passenger Cars	2,138,261
Commercial Trucks	176,334
Motorcycles	83,926
Other (Inc. Special Issue Plates)	306,850
Total (All Types)	2,705,371

* Passenger cars include automobiles and trucks whose registered weights are 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 a collision. Number represents the number of trucks for a given factor, and the percent is the percentage of all trucks for that factor.

694 truck related factors were reported in collisions, 16 in fatal collisions, and 79 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	65	0.64	3	2.26	12	0.81
Defective Headlights	2	0.02	-	-	-	-
Other Lighting Defects	22	0.22	-	-	5	0.34
Steering Failure	26	0.26	1	0.75	2	0.13
Tire Failure	102	1.01	2	1.50	14	0.94
Tow Hitch Failure	41	0.40	-	-	2	0.13
Overload / Improper Load	7	0.07	1	0.75	1	0.07
Oversized Load	38	0.37	1	0.75	3	0.20
Load Securement	138	1.36	2	1.50	6	0.40
Other	253	2.49	6	4.51	34	2.28
<i>None Detected</i>	9,453	93.16	117	87.97	1,410	94.69

The chart below shows the total number of truck collisions, including trucks carrying hazardous cargo, by roadway type.

21% of all truck collisions occurred on city, county, or other streets, 34% on interstates or parkways, and 45% on U.S. and state-numbered routes.

36% of hazardous cargo collisions occurred on interstates and 51% 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	33	474	2,389	2,896	1	13	40	54
US Route	30	290	1,231	1,551	-	6	20	26
State Route	32	427	2,156	2,615	1	12	37	50
Parkway	8	36	197	241	-	-	6	6
County	2	54	421	477	-	-	3	3
City Street	1	81	1,193	1,275	-	-	9	9
Other	-	12	158	170	-	1	1	2
Total	106	1,374	7,745	9,225	2	32	116	150

The residence of truck drivers involved in collisions is shown below. 43% of drivers with known residences were non-residents of Kentucky. This percentage is 47% for fatal collisions and 41% 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	2,034	14	340
State Resident	2,954	47	456
Out of State Resident	4,298	60	615
Not Stated	819	8	73
TOTAL	10,105	129	1,484

DRIVER INVOLVEMENT

RESIDENCE OF DRIVER

There were **179,003** drivers involved in collisions. Of these, **1,147** were involved in fatal collisions. The chart below tabulates driver involvement by residence and shows that most drivers (~62% of those in for whom the residence is known) were local residents (reside in the county where the collision occurred).

Many drivers in the **Unknown/Not Stated** category represent 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
LOCAL RESIDENT	110,518	61.74
STATE RESIDENT	44,481	24.85
OUT OF STATE	23,231	12.98
UNKNOWN/NOT STATED	773	0.43
TOTAL	179,003	100

RESIDENCE OF DRIVER	NUMBER INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL
LOCAL RESIDENT	627	54.76
STATE RESIDENT	336	29.34
OUT OF STATE	176	15.37
UNKNOWN/NOT STATED	6	0.52
TOTAL	1,145	100

SEX OF DRIVER

ALL COLLISIONS		
SEX	NUMBER IN ALL COLLISIONS	PERCENT IN ALL COLLISIONS
MALE	102,228	57.11
FEMALE	76,485	42.73
NOT STATED	290	0.16
TOTAL	179,003	100

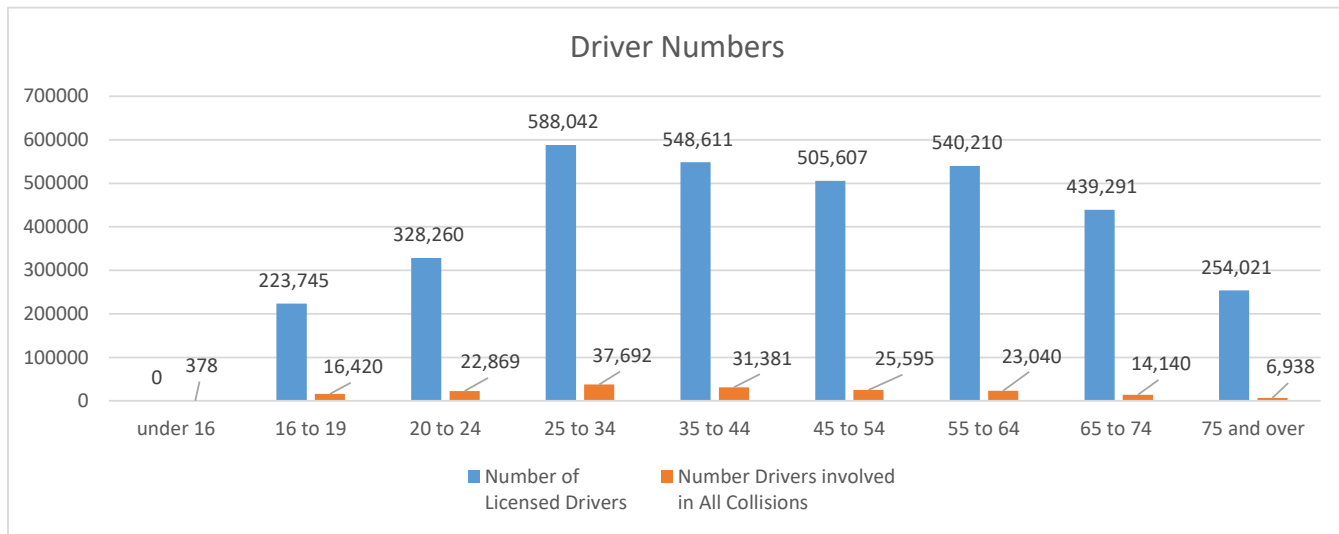
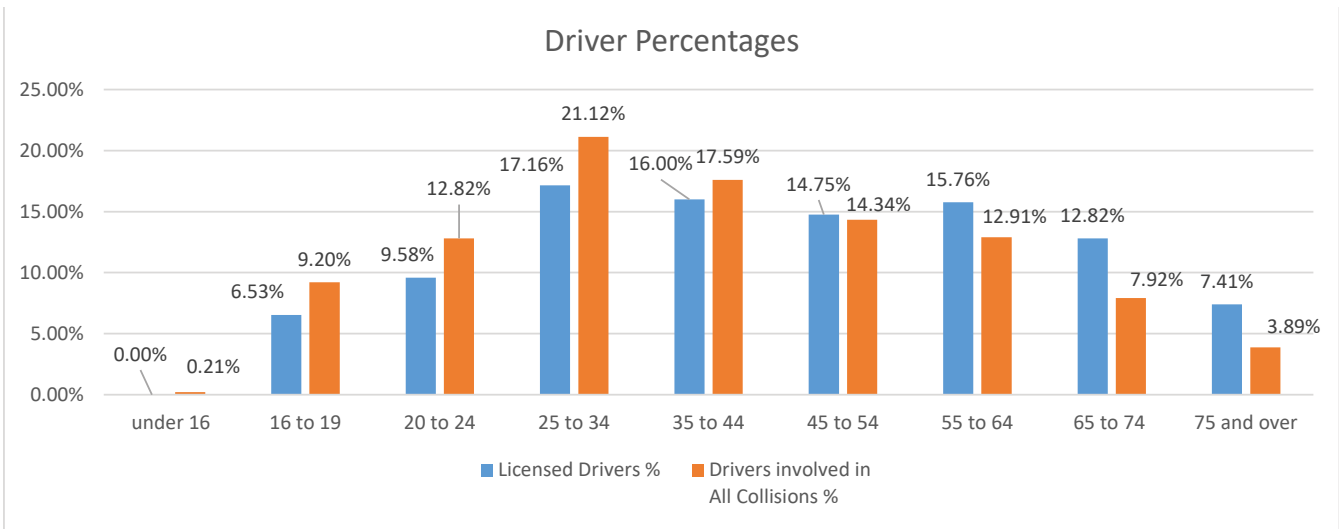
FATAL COLLISIONS		
SEX	NUMBER IN FATAL COLLISIONS	PERCENT IN FATAL COLLISIONS
MALE	862	75.28
FEMALE	282	24.63
NOT STATED	1	0.09
TOTAL	1,145	100

AGE OF DRIVERS (ALL COLLISIONS)

The chart below groups all traffic collisions by driver age bracket (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 (shown in parentheses), the percentage of all licensed drivers, and the number of licensed drivers is (shown in parentheses, including learner permits). This allows a comparison to be made between the percentage of a given category of the driving population and the corresponding percentage of this age category that was involved in collisions.

These data do not differentiate drivers at-fault from drivers not-at-fault.



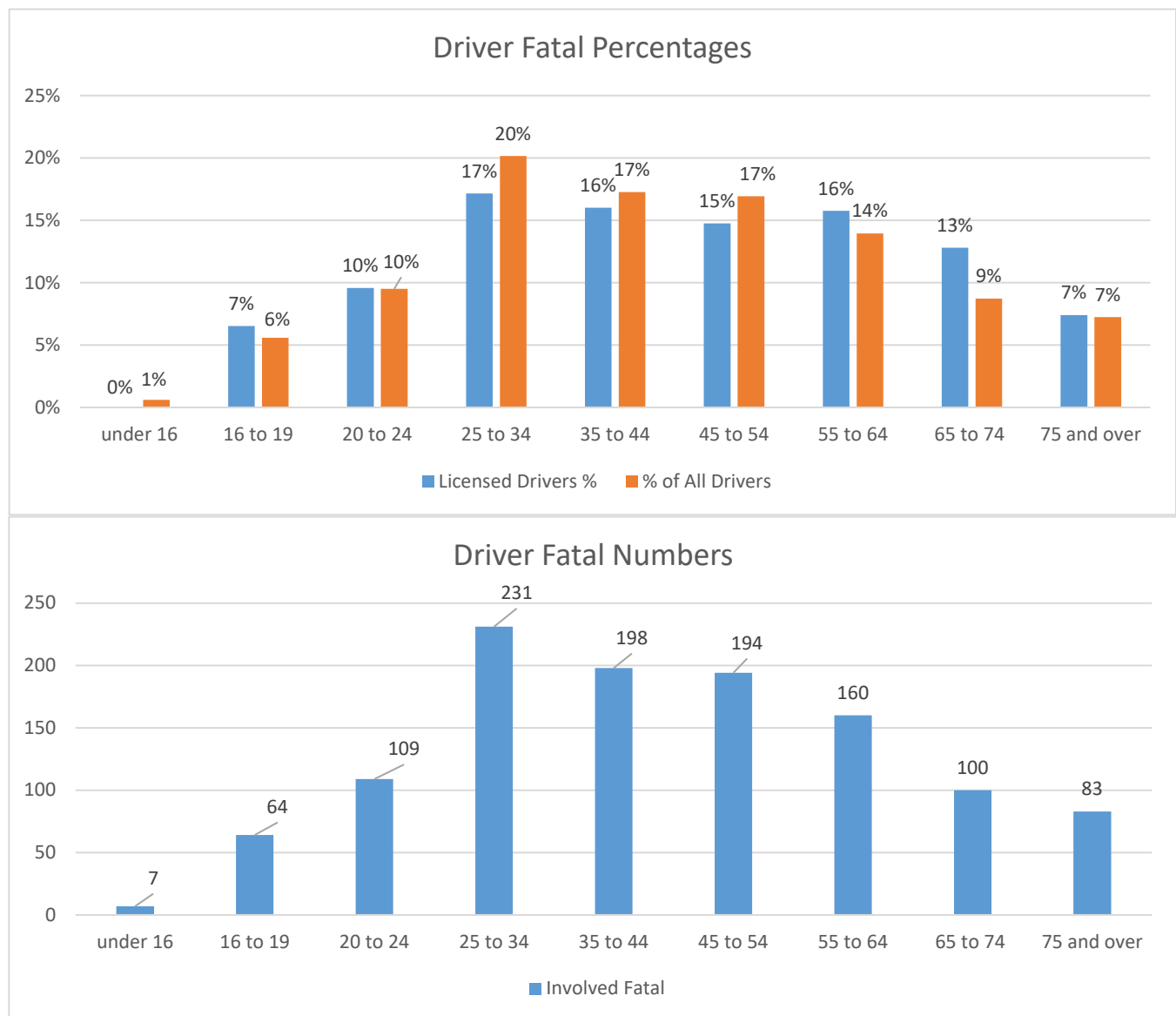
NOTE: PERCENTAGE OF LICENSED DRIVERS IN EACH AGE CATEGORY IS BASED ON 3,385,058 DRIVERS LICENSED IN KENTUCKY. (Includes learner permits.)

AGE OF DRIVERS (FATAL COLLISIONS)

The chart below groups all fatal traffic collisions by driver age bracket (for which age information was available). Note 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.

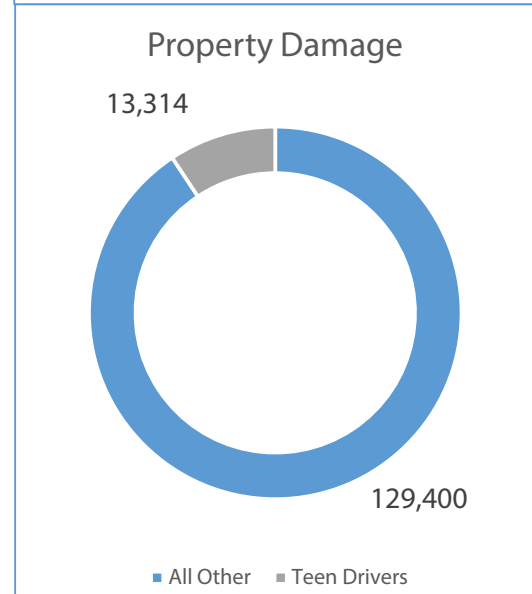
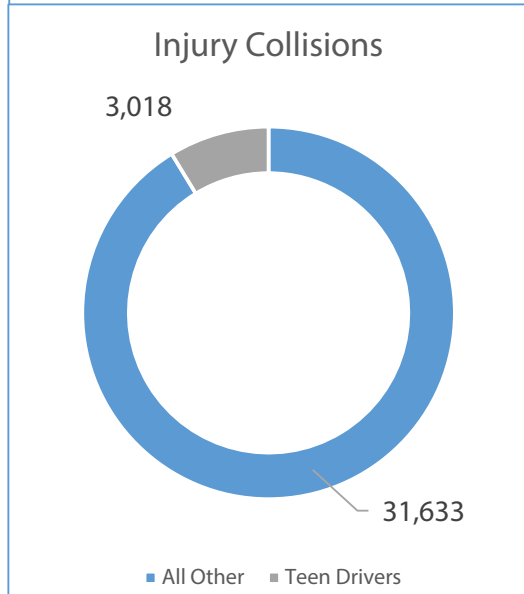
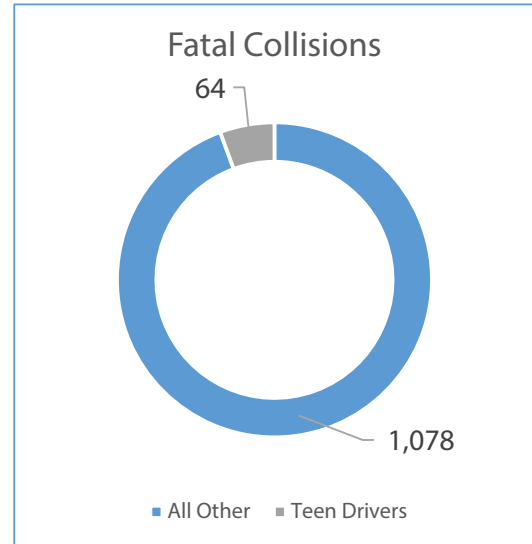
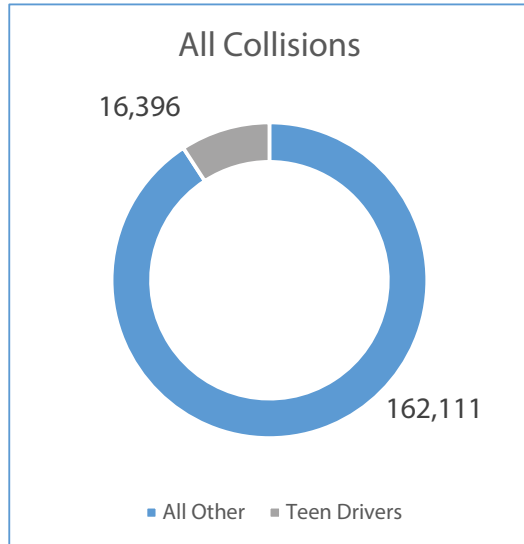
The percentage of the driving population within a given age category can be compared to the corresponding percentage of involvement in fatal collisions for the same age category.



NOTE: PERCENTAGE OF LICENSED DRIVERS IN EACH AGE CATEGORY ARE BASED ON 3,385,058 DRIVERS LICENSED IN KENTUCKY. (Includes learner permits.)

COLLISIONS INVOLVING TEENAGE DRIVERS

The charts below show the percentages of teenage drivers (16 to 19 years of age) involved in collisions compared with all other age groups. Licensed teenage drivers represent **6%** of Kentucky drivers (including learner's permits).



The number of teenage drivers involved in collisions, together with alcohol-related collisions, is shown below. 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.

There were 64 fatalities in collisions involving a teenage driver (24 fatalities being the teenage driver).
There were 16 fatalities in alcohol-related collisions involving teenage drivers (9 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
2021	16,396	64	3,019	13,313	7	85	151	243
2020	14,594	64	2,869	11,661	5	87	149	241
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

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 recorded 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)	108	PERSONS KILLED/INJURED	(K) NUMBER KILLED (as reported)	120
	FATAL COLLISIONS (adjusted by FARS)	150		(K) NUMBER KILLED (adjusted by FARS)	165
	INJURY COLLISIONS	986		(A) SUSPECTED SERIOUS INJURY	291
	PROPERTY DAMAGE COLLISIONS	2,274		(B) SUSPECTED MINOR INJURY	606
	TOTAL (adjusted by FARS)	3,410		(C) POSSIBLE INJURIES	493
			TOTAL INJURIES (with data adjusted by FARS)	1,555	

The total number of alcohol-related collisions is shown in the left-handed chart. The number of persons killed and injured in alcohol-related collisions is listed in the right-hand chart.

4% of the alcohol-related collisions were fatal, 29% were injury collisions, and 67% were property damage only.

Comparison with previous years

Alcohol-related collisions **increased** in 2021 over 2020.

There were **165** persons killed, **10% less** than in 2020.

There were **2,646** persons injured in alcohol-related collisions, **a decrease of ~1%** from 2020.

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	% +/-
2021	4,975	1.0%	165	-10%	2,646	-1%
2020	4,978	1.1%	181	38%	2,662	9%
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%

SAFETY RESTRAINTS

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

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

YEAR	ALL VEHICLES USING SAFETY BELT	PICKUPS USING SAFETY BELT
2021	89.8%	81.6%
2020	No Data Collected Due to Pandemic	No Data Collected Due to Pandemic
2019	89.7%	83.7%
2018	89.9%	80.5%
2017	86.8%	78.8%

The chart below shows vehicle occupants by injury status and separates occupants into the categories of Restraint Used and Restraint Not Used.

Overall, **9.6%** of all vehicle occupants involved in a crash were killed or injured. A breakdown by restraint usage shows only **10.5%** of those restrained were killed or injured, compared to **51.5%** 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 have safety restraints, occupants where safety restraints usage was not indicated, occupants not in an appropriate position, or pedestrians and pedalcyclists.

Only ~35% 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	806	0.26	285	0.12	300	6.04	221	0.29
(A) SUSPECTED SERIOUS INJURY	2,867	0.91	1,494	0.64	663	13.36	710	0.94
(B) SUSPECTED MINOR INJURY	11,856	3.78	9,639	4.12	944	19.02	1,273	1.69
(C) POSSIBLE INJURY	14,649	4.66	13,189	5.64	648	13.06	812	1.08
(O) NOT INJURED	283,859	90.39	209,244	89.48	2,408	48.52	72,207	95.99
TOTAL	314,037	100	233,851	100	4,963	100	75,223	100

Airbags

21,075 crashes involved the deployment of front air bags, and **11,019** crashes involved the side air bag deployment.

INTERSECTION COLLISIONS*

INTERSECTION COLLISIONS	NUMBER	% OF ALL COLLISIONS
ALL REPORTED	31,877	29.2
NONFATAL INJURY	6,881	34.2
FATAL	143	19.4

SEX OF DRIVER

INTERSECTION COLLISIONS		
SEX	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Male	54.3	73.5
Female	45.7	26.5

ALL COLLISIONS		
SEX	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Male	57.2	75.5
Female	42.8	24.5

LIGHT CONDITION

INTERSECTION COLLISIONS		
LIGHT CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Daylight	73.9	59.3
Dark	22.2	36.4
Dusk / Dawn	3.9	4.3

ALL COLLISIONS		
LIGHT CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Daylight	71.4	58.1
Dark	24.3	38.1
Dusk / Dawn	4.3	3.9

ROADWAY CONDITION

INTERSECTION COLLISIONS		
ROADWAY CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Dry	80.5	84.6
Wet	17	14.7
Snow / Ice / Slush	2	0

ALL COLLISIONS		
ROADWAY CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Dry	77.1	77.6
Wet	18.5	18.8
Snow / Ice / Slush	3.3	3

WEEKEND COLLISIONS (Saturday and Sunday)

INTERSECTION COLLISIONS		
	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Weekend	22.1	22.8

ALL COLLISIONS		
	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Weekend	25.9	29.2

* As coded on crash reports.



CONTRIBUTING FACTORS

CONTRIBUTING FACTORS

Many factors and conditions contribute to collisions. **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 below reports the number of collisions for which a given factor was listed at least once.

HUMAN FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
ALCOHOL INVOLVEMENT +	3,341	3.06	108	14.67
CELL PHONE	990	0.91	5	0.68
DISREGARD TRAFFIC CONTROL	3,694	3.38	45	6.11
DISTRACTION	4,718	4.32	12	1.63
DRIVER INATTENTION	39,555	36.19	134	18.21
DRUG INVOLVEMENT	1,645	1.51	78	10.6
EMOTIONAL	587	0.54	2	0.27
FAILED TO YIELD	11,993	10.97	83	11.28
FATIGUE	623	0.57	6	0.82
FELL ASLEEP	1,147	1.05	9	1.22
FOLLOWING TOO CLOSE	6,027	5.51	7	0.95
IMPROPER BACKING	1,230	1.13	0	0
IMPROPER PASSING	1,099	1.01	8	1.09
LOST CONSCIOUSNESS/FAINTED	665	0.61	19	2.58
MEDICATION	162	0.15	6	0.82
MISJUDGE CLEARANCE	8,871	8.12	18	2.45
NOT UNDER PROPER CONTROL	15,585	14.26	209	28.4
OVERCORRECTING	2,123	1.94	48	6.52
PHYSICAL DISABILITY	183	0.17	4	0.54
SICK	240	0.22	7	0.95
TOO FAST FOR CONDITIONS	3,793	3.47	54	7.34
TURNING IMPROPERLY	1,757	1.61	7	0.95
UNSAFE SPEED	1,300	1.19	92	12.5
WEAVING IN TRAFFIC	221	0.2	1	0.14

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

CONTRIBUTING FACTORS

(continued)

Many factors and conditions contribute to collisions. **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.**

The table below reports the number of collisions for which a given vehicular or environmental factor was listed at least once.

VEHICULAR FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
BRAKES DEFECTIVE	1,355	1.24	8	1.09
HEADLIGHT FAILURE	87	0.08	3	0.41
LOAD SECUREMENT	307	0.28	2	0.27
OTHER LIGHTING DEFECT	88	0.08	2	0.27
OVERSIZED LOAD	82	0.08	1	0.14
OVERWEIGHT	13	0.01	1	0.14
STEERING FAILURE	458	0.42	2	0.27
TIRE FAILURE /INADEQUATE	641	0.59	5	0.68
TOW HITCH DEFECTIVE	86	0.08	0	0

ENVIRONMENTAL FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
ANIMALS ACTION	6,210	5.68	10	1.36
GLARE	1,280	1.17	13	1.77
VIEW OBSTRUCTED	1,396	1.28	21	2.85
DEBRIS IN ROADWAY	1,015	0.93	6	0.82
TRAFFIC CONTROLS NW	77	0.07	1	0.14
SHOULDERS DEFECTIVE	223	0.2	0	0
HOLES/DEEP RUTS/BUMPS	148	0.14	1	0.14
ROADWAY CONSTRUCTION	1,056	0.97	8	1.09
MAINTENANCE/UTILITY	278	0.25	0	0
IMPROPERLY PARKED VEH	353	0.32	5	0.68
FIXED OBJECT(S)	150	0.14	6	0.82
SLIPPERY SURFACE	9,993	9.14	76	10.33
WATER POOLING	1,430	1.31	10	1.36

CONTRIBUTING FACTORS

The following tables list driver factors that contributed to collisions involving emergency vehicles and collisions involving farm equipment. Driver-contributing factors are summarized for each collision type. Percentages represent how often a given factor was observed in a specific type of collision.

COLLISIONS INVOLVING EMERGENCY VEHICLES	
TOTAL EMERGENCY VEHICLE COLLISIONS	1,121
FATAL COLLISIONS	4
INJURY COLLISIONS	158
TOTAL KILLED	4
TOTAL INJURED	251



EMERGENCY VEHICLE COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	26	2.32	0	0
Cell Phone	6	0.54	0	0
Disregard Traffic Control	57	5.08	1	25
Distraction	49	4.37	0	0
Drug Involvement	34	3.03	0	0
Emotional	7	0.62	0	0
Exceeded Stated Speed Limit	21	1.87	2	50
Failed to Yield Right of Way	111	9.9	1	25
Fatigue	4	0.36	1	25
Fell Asleep	5	0.45	0	0
Following Too Close	24	2.14	0	0
Improper Backing	22	1.96	0	0
Improper Passing	8	0.71	0	0
Inattention	286	25.51	0	0
Lost Consciousness/Fainted	2	0.18	0	0
Medication	2	0.18	0	0
Misjudge Clearance	173	15.43	0	0
Not Under Proper Control	101	9.01	1	25
Overcorrecting/Oversteering	8	0.71	0	0
Physical Disability	1	0.09	0	0
Sick	1	0.09	0	0
Too Fast for Conditions	40	3.57	2	50
Turning Improperly	14	1.25	0	0
Weaving in Traffic	2	0.18	0	0

* Data not shown for the category None Detected.

COLLISIONS INVOLVING FARM EQUIPMENT	
TOTAL FARM EQUIPMENT COLLISIONS	223
FATAL COLLISIONS	7
INJURY COLLISIONS	48
TOTAL KILLED	7
TOTAL INJURED	70



FARM EQUIPMENT COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	7	3.14	1	14.29
Cell Phone	0	0	0	0
Disregard Traffic Control	2	0.9	0	0
Distraction	3	1.35	0	0
Drug Involvement	2	0.9	0	0
Emotional	1	0.45	0	0
Exceeded Stated Speed Limit	2	0.9	0	0
Failed to Yield Right of Way	18	8.07	1	14.29
Fatigue	1	0.45	0	0
Fell Asleep	0	0	0	0
Following Too Close	0	0	0	0
Improper Backing	4	1.79	0	0
Improper Passing	28	12.56	0	0
Inattention	80	35.87	2	28.57
Lost Consciousness/Fainted	2	0.9	1	14.29
Medication	1	0.45	0	0
Misjudge Clearance	31	13.9	0	0
Not Under Proper Control	16	7.17	1	14.29
Overcorrecting/Oversteering	9	4.04	1	14.29
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	1	0.45	0	0
Turning Improperly	1	0.45	0	0
Weaving in Traffic	0	0	0	0

* Data not shown for the category None Detected.

CONTRIBUTING FACTORS *(continued)*

The following tables list driver factors that contributed to collisions involving school buses and collisions involving children between 6 and 12 years of age. Driver-contributing factors are summarized for each collision type. Percentages represent how often a given factor was observed for a specific type of collision.

COLLISIONS INVOLVING SCHOOL BUSES	
TOTAL SCHOOL BUS COLLISIONS	272
FATAL COLLISIONS	1
INJURY COLLISIONS	25
TOTAL KILLED	1
TOTAL INJURED	61



SCHOOL BUS COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	0	0	0	0
Cell Phone	1	0.37	0	0
Disregard Traffic Control	4	1.47	0	0
Distraction	12	4.41	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	27	9.93	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	8	2.94	0	0
Improper Backing	2	0.74	0	0
Improper Passing	1	0.37	0	0
Inattention	79	29.04	0	0
Lost Consciousness/Fainted	1	0.37	0	0
Medication	0	0	0	0
Misjudge Clearance	96	35.29	0	0
Not Under Proper Control	21	7.72	0	0
Overcorrecting/Oversteering	3	1.1	0	0
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	2	0.74	0	0
Turning Improperly	3	1.1	0	0
Weaving in Traffic	0	0	0	0

* Data not shown for the category None Detected.

COLLISIONS INVOLVING ELEMENTARY SCHOOL AGE CHILDREN	
TOTAL ELEM. SCHOOL AGE CHILDREN COLLISIONS	7,151
FATAL COLLISIONS	31
INJURY COLLISIONS	1,667
ALL AGES KILLED	43
6-12 YRS OF AGE KILLED	5
ALL AGES INJURED	3,656
6-12 YRS OF AGE INJURED	1,095



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	132	1.85	5	16.13
Cell Phone	63	0.88	0	0
Disregard Traffic Control	339	4.74	4	12.9
Distraction	420	5.87	1	3.23
Drug Involvement	76	1.06	2	6.45
Emotional	38	0.53	0	0
Exceeded Stated Speed Limit	56	0.78	5	16.13
Failed to Yield Right of Way	1,106	15.47	5	16.13
Fatigue	22	0.31	0	0
Fell Asleep	24	0.34	1	3.23
Following Too Close	523	7.31	0	0
Improper Backing	58	0.81	0	0
Improper Passing	88	1.23	0	0
Inattention	3,210	44.89	5	16.13
Lost Consciousness/Fainted	35	0.49	0	0
Medication	6	0.08	1	3.23
Misjudge Clearance	597	8.35	0	0
Not Under Proper Control	843	11.79	11	35.48
Overcorrecting/Oversteering	88	1.23	3	9.68
Physical Disability	6	0.08	0	0
Sick	13	0.18	0	0
Too Fast for Conditions	186	2.6	1	3.23
Turning Improperly	151	2.11	2	6.45
Weaving in Traffic	13	0.18	0	0

* Data not shown for the category None Detected.

CONTRIBUTING FACTORS *(continued)*

The following tables list driver factors that contributed to collisions involving pedestrians and collisions involving bicycles. Driver-contributing factors are summarized for each collision type. Percentages represent how often a given factor was observed for a specific type of collision.

COLLISIONS INVOLVING PEDESTRIANS	
TOTAL PEDESTRIAN COLLISIONS	916
FATAL COLLISIONS	77
INJURY COLLISIONS	675
TOTAL KILLED	77
TOTAL INJURED	749



PEDESTRIAN COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	20	2.18	0	0
Cell Phone	5	0.55	1	1.3
Disregard Traffic Control	18	1.97	4	5.19
Distraction	23	2.51	1	1.3
Drug Involvement	11	1.2	2	2.6
Emotional	8	0.87	0	0
Exceeded Stated Speed Limit	12	1.31	4	5.19
Failed to Yield Right of Way	93	10.15	3	3.9
Fatigue	6	0.66	2	2.6
Fell Asleep	2	0.22	0	0
Following Too Close	2	0.22	0	0
Improper Backing	4	0.44	0	0
Improper Passing	5	0.55	0	0
Inattention	228	24.89	12	15.58
Lost Consciousness/Fainted	1	0.11	0	0
Medication	2	0.22	0	0
Misjudge Clearance	28	3.06	2	2.6
Not Under Proper Control	46	5.02	4	5.19
Overcorrecting/Oversteering	2	0.22	0	0
Physical Disability	3	0.33	0	0
Sick	0	0	0	0
Too Fast for Conditions	15	1.64	3	3.9
Turning Improperly	5	0.55	0	0
Weaving in Traffic	3	0.33	0	0

* Data not shown for the category None Detected.

COLLISIONS INVOLVING BICYCLES	
TOTAL BICYCLE COLLISIONS	330
FATAL COLLISIONS	9
INJURY COLLISIONS	236
TOTAL KILLED	9
TOTAL INJURED	243



BICYCLE COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	2	0.61	0	0
Cell Phone	3	0.91	0	0
Disregard Traffic Control	6	1.82	0	0
Distraction	6	1.82	0	0
Drug Involvement	2	0.61	1	11.11
Emotional	1	0.3	0	0
Exceeded Stated Speed Limit	2	0.61	1	11.11
Failed to Yield Right of Way	38	11.52	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	2	0.61	0	0
Improper Backing	3	0.91	0	0
Improper Passing	3	0.91	0	0
Inattention	83	25.15	4	44.44
Lost Consciousness/Fainted	1	0.3	0	0
Medication	0	0	0	0
Misjudge Clearance	5	1.52	0	0
Not Under Proper Control	8	2.42	0	0
Overcorrecting/Oversteering	1	0.3	0	0
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	0	0	0	0
Turning Improperly	2	0.61	0	0
Weaving in Traffic	0	0	0	0

* Data not shown for the category None Detected.

CONTRIBUTING FACTORS *(continued)*

The following tables list driver factors that contributed to collisions involving all terrain vehicles (ATVs) and collisions involving motorcycles. Driver-contributing factors are summarized for each collision type. Percentages represent how often a given factor was observed for a specific type of collision.

COLLISIONS INVOLVING ALL TERRAIN VEHICLES (ATV) *	
TOTAL ATV COLLISIONS	49
FATAL COLLISIONS	7
INJURY COLLISIONS	28
TOTAL PERSONS KILLED IN ATV RELATED COLLISIONS	7
ATV DRIVER OR PASSENGER KILLED	7
KILLED W/ HELMET USED	-
KILLED W/ HELMET NOT USED	5
TOTAL PERSONS INJURED IN ATV RELATED COLLISIONS	35
ATV DRIVER OR PASSENGER INJURED	33
INJURED W/ HELMET USED	2
INJURED W/ HELMET NOT USED	15



ALL TERRAIN VEHICLE COLLISIONS				
DRIVER CONTRIBUTING FACTORS *	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	6	12.24	2	28.57
Cell Phone	0	0	0	0
Disregard Traffic Control	0	0	0	0
Distraction	0	0	0	0
Drug Involvement	1	2.04	0	0
Emotional	0	0	0	0
Exceeded Stated Speed Limit	1	2.04	0	0
Failed to Yield Right of Way	4	8.16	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	1	2.04	0	0
Improper Backing	0	0	0	0
Improper Passing	1	2.04	0	0
Inattention	12	24.49	1	14.29
Lost Consciousness/Fainted	0	0	0	0
Medication	0	0	0	0
Misjudge Clearance	3	6.12	0	0
Not Under Proper Control	15	30.61	3	42.86
Overcorrecting/Oversteering	4	8.16	1	14.29
Physical Disability	0	0	0	0
Sick	0	0	0	0
Too Fast for Conditions	2	4.08	0	0
Turning Improperly	1	2.04	0	0
Weaving in Traffic	0	0	0	0

* Data not shown for the category None Detected.

COLLISIONS INVOLVING MOTORCYCLES *	
TOTAL MOTORCYCLE COLLISIONS	1,491
FATAL COLLISIONS	93
INJURY COLLISIONS	942
TOTAL PERSONS KILLED IN MOTORCYCLE RELATED COLLISIONS	99
MOTORCYCLE DRIVER OR PASSENGER KILLED	99
KILLED W/ HELMET USED	29
KILLED W/ HELMET NOT USED	70
TOTAL PERSONS INJURED IN MOTORCYCLE RELATED COLLISIONS	1,086
MOTORCYCLE DRIVER OR PASSENGER INJURED	1,036
INJURED W/ HELMET USED	481
INJURED W/ HELMET NOT USED	553



MOTORCYCLE COLLISIONS				
DRIVER CONTRIBUTING FACTORS *	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	56	3.76	5	5.38
Cell Phone	4	0.27	0	0
Disregard Traffic Control	47	3.15	6	6.45
Distraction	29	1.95	1	1.08
Drug Involvement	24	1.61	12	12.9
Emotional	8	0.54	0	0
Exceeded Stated Speed Limit	78	5.23	14	15.05
Failed to Yield Right of Way	175	11.74	18	19.35
Fatigue	2	0.13	1	1.08
Fell Asleep	1	0.07	1	1.08
Following Too Close	73	4.9	2	2.15
Improper Backing	4	0.27	0	0
Improper Passing	35	2.35	2	2.15
Inattention	421	28.24	13	13.98
Lost Consciousness/Fainted	3	0.2	0	0
Medication	2	0.13	1	1.08
Misjudge Clearance	78	5.23	8	8.6
Not Under Proper Control	386	25.89	32	34.41
Overcorrecting/Oversteering	50	3.35	2	2.15
Physical Disability	1	0.07	1	1.08
Sick	1	0.07	0	0
Too Fast for Conditions	54	3.62	8	8.6
Turning Improperly	31	2.08	1	1.08
Weaving in Traffic	14	0.94	0	0

* Data not shown for the category None Detected.

Note: A person may be killed in a motorcycle or ATV collision despite not riding one of those vehicle types.

CONTRIBUTING FACTORS *(continued)*

The following tables list driver factors that contributed to collisions involving trucks and collisions involving trains. Driver-contributing factors are summarized for each collision type. Percentages represent how often a given factor was observed for a specific type of collision.

COLLISIONS INVOLVING TRUCKS*	
TOTAL TRUCK COLLISIONS	9,225
FATAL COLLISIONS	106
INJURY COLLISIONS	1,374
TOTAL KILLED	122
TOTAL INJURED	1,939

*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	119	1.29	8	7.55
Cell Phone	32	0.35	1	0.94
Disregard Traffic Control	192	2.08	7	6.6
Distraction	234	2.54	4	3.77
Drug Involvement	76	0.82	7	6.6
Emotional	23	0.25	1	0.94
Exceeded Stated Speed Limit	70	0.76	6	5.66
Failed to Yield Right of Way	792	8.59	10	9.43
Fatigue	60	0.65	2	1.89
Fell Asleep	110	1.19	0	0
Following Too Close	357	3.87	2	1.89
Improper Backing	160	1.73	0	0
Improper Passing	153	1.66	2	1.89
Inattention	3,107	33.68	31	29.25
Lost Consciousness/Fainted	32	0.35	3	2.83
Medication	6	0.07	0	0
Misjudge Clearance	1,762	19.1	3	2.83
Not Under Proper Control	1,394	15.11	34	32.08
Overcorrecting/Oversteering	170	1.84	5	4.72
Physical Disability	12	0.13	1	0.94
Sick	12	0.13	0	0
Too Fast for Conditions	271	2.94	13	12.26
Turning Improperly	135	1.46	1	0.94
Weaving in Traffic	26	0.28	1	0.94

* Data not shown for the category None Detected.

COLLISIONS INVOLVING TRAINS	
TOTAL TRAIN COLLISIONS	28
FATAL COLLISIONS	1
INJURY COLLISIONS	5
TOTAL KILLED	1
TOTAL INJURED	5



TRAIN COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	0	0	0	0
Cell Phone	0	0	0	0
Disregard Traffic Control	3	10.71	1	100
Distraction	2	7.14	0	0
Drug Involvement	2	7.14	1	100
Emotional	0	0	0	0
Exceeded Stated Speed Limit	1	3.57	0	0
Failed to Yield Right of Way	3	10.71	0	0
Fatigue	0	0	0	0
Fell Asleep	0	0	0	0
Following Too Close	0	0	0	0
Improper Backing	0	0	0	0
Improper Passing	0	0	0	0
Inattention	11	39.29	0	0
Lost Consciousness/Fainted	0	0	0	0
Medication	0	0	0	0
Misjudge Clearance	4	14.29	0	0
Not Under Proper Control	3	10.71	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	1	3.57	0	0
Weaving in Traffic	0	0	0	0

* Data not shown for the category None Detected.

CONTRIBUTING FACTORS *(continued)*

The following tables list driver factors that contributed to collisions involving multiple fatalities. Driver-contributing factors are summarized for each collision type. Percentages represent how often a given factor was observed for a specific type of collision.

COLLISIONS INVOLVING MULTIPLE FATALITIES		MULTIPLE FATALITY COLLISIONS		
		DRIVER CONTRIBUTING FACTORS	COLLISIONS	PERCENT OF TOTAL
TOTAL MULTIPLE FATALITIES COLLISIONS	59	Alcohol Involvement	8	13.56
		Cell Phone	0	0
		Disregard Traffic Control	2	3.39
		Distraction	2	3.39
		Drug Involvement	10	16.95
TOTAL KILLED	131	Emotional	0	0
		Exceeded Stated Speed Limit	13	22.03
		Failed to Yield Right of Way	6	10.17
		Fatigue	0	0
		Fell Asleep	1	1.69
		Following Too Close	2	3.39
		Improper Backing	0	0
		Improper Passing	0	0
		Inattention	13	22.03
		Lost Consciousness/Fainted	0	0
		Medication	1	1.69
		Misjudge Clearance	1	1.69
		Not Under Proper Control	26	44.07
		Overcorrecting/Oversteering	7	11.86
		Physical Disability	0	0
		Sick	1	1.69
		Too Fast for Conditions	7	11.86
		Turning Improperly	1	1.69
TOTAL INJURED	68	Weaving in Traffic	0	0



COLLISIONS BY COUNTY

COLLISIONS BY COUNTY

2020 vs 2021

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Adair	298	374	4	6	48	56	246	312	4	6	68	95
Allen	377	405	6	5	56	54	315	346	6	5	75	82
Anderson	384	389	2	1	70	57	312	331	2	1	108	73
Ballard	126	138	2	6	31	31	93	101	2	7	38	45
Barren	1,146	1,272	9	9	209	204	928	1,059	9	9	322	300
Bath	222	277	1	5	43	38	178	234	2	7	62	54
Bell	496	460	5	8	104	87	387	365	6	9	156	134
Boone	4,171	4,859	14	7	612	668	3,545	4,184	17	10	836	898
Bourbon	513	596	8	3	73	93	432	500	9	3	111	133
Boyd	1,169	1,352	5	2	191	186	973	1,164	6	3	257	254
Boyle	595	774	1	3	89	112	505	659	1	3	137	166
Bracken	161	148	0	3	26	27	135	118	0	4	40	40
Breathitt	208	230	4	4	61	56	143	170	4	4	97	90
Breckinridge	303	240	5	6	90	78	208	156	5	6	124	115
Bullitt	1,685	1,982	11	16	323	346	1,351	1,620	14	16	473	514
Butler	208	229	1	3	63	39	144	187	1	3	91	53
Caldwell	316	357	1	7	60	66	255	284	1	7	87	95
Calloway	801	891	6	8	130	114	665	769	7	8	174	162
Campbell	2,431	2,886	12	1	292	300	2,127	2,585	15	1	417	415
Carlisle	61	72	1	2	22	22	38	48	1	2	32	26
Carroll	341	407	3	4	51	60	287	343	3	4	67	86
Carter	557	570	3	10	97	82	457	478	3	11	138	103
Casey	222	212	0	4	53	39	169	169	0	5	80	62
Christian	1,668	1,970	11	14	333	394	1,324	1,562	13	14	470	569
Clark	1,020	1,043	4	5	155	166	861	872	5	5	203	216
Clay	304	262	6	6	90	74	208	182	7	6	150	130
Clinton	187	192	2	3	34	33	151	156	2	3	56	49
Crittenden	117	143	3	2	29	44	85	97	3	2	40	60
Cumberland	101	119	2	1	13	16	86	102	2	1	20	22
Daviess	2,972	3,226	9	13	474	528	2,489	2,685	9	13	675	753
Edmonson	111	129	4	4	20	34	87	91	4	5	26	52
Elliott	55	49	1	1	11	6	43	42	1	1	13	11
Estill	226	256	1	2	56	52	169	202	1	2	81	72
Fayette	10,782	12,077	25	36	1,721	1,747	9,036	10,294	26	42	2,469	2,383
Fleming	189	210	2	2	30	28	157	180	3	2	50	48
Floyd	586	613	10	5	158	160	418	448	11	5	251	246
Franklin	1,234	1,314	4	3	186	176	1,044	1,135	4	4	262	233
Fulton	99	22	3	1	12	4	84	17	3	1	18	7
Gallatin	219	308	3	1	37	48	179	259	3	1	56	80
Garrard	354	287	1	3	88	56	265	228	1	3	158	77

COLLISIONS BY COUNTY

2020 vs 2021

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Grant	799	728	9	3	117	117	673	608	10	5	170	176
Graves	791	875	5	5	149	182	637	688	5	6	202	241
Grayson	549	611	6	7	129	129	414	475	6	7	193	174
Green	165	162	1	2	36	35	128	125	1	2	45	59
Greenup	515	476	3	1	102	90	410	385	3	1	162	129
Hancock	133	109	-	4	24	20	109	85	-	4	28	40
Hardin	2,225	2,666	15	20	371	423	1,839	2,223	16	22	534	615
Harlan	386	383	9	8	93	98	284	277	11	9	143	172
Harrison	412	448	3	2	60	60	349	386	3	2	85	90
Hart	566	575	6	5	101	109	459	461	8	5	150	145
Henderson	1,305	1,493	6	12	225	237	1,074	1,244	7	14	327	357
Henry	336	357	4	2	50	66	282	289	4	2	66	111
Hickman	69	67	-	-	17	12	52	55	-	-	19	15
Hopkins	1,054	1,210	6	5	138	168	910	1,037	6	6	199	247
Jackson	194	194	4	3	46	45	144	146	5	3	62	68
Jefferson	14,825	14,382	116	116	4,269	4,510	10,440	9,756	124	124	6,429	6,733
Jessamine	1,395	1,450	6	6	259	243	1,130	1,201	8	7	353	341
Johnson	332	360	4	4	89	71	239	285	4	4	134	113
Kenton	5,155	5,423	7	7	661	604	4,487	4,812	9	7	901	823
Knott	181	207	2	5	56	62	123	140	2	5	83	107
Knox	463	514	4	6	114	130	345	378	4	6	182	223
Larue	305	275	5	4	53	42	247	229	7	4	71	59
Laurel	1,765	1,932	12	14	311	353	1,442	1,565	13	15	490	546
Lawrence	170	190	1	4	43	40	126	146	1	4	70	60
Lee	60	92	1	3	16	21	43	68	1	3	26	34
Leslie	82	73	4	4	23	20	55	49	5	4	34	29
Letcher	218	278	7	1	70	84	141	193	9	1	117	120
Lewis	125	143	6	3	31	34	88	106	6	3	54	50
Lincoln	250	286	3	7	69	57	178	222	4	8	95	90
Livingston	150	163	-	1	42	33	108	129	-	1	66	42
Logan	526	500	5	4	100	83	421	413	6	5	159	124
Lyon	278	269	3	4	47	54	228	211	3	4	65	84
McCracken	2,089	2,314	12	15	386	465	1,691	1,834	14	20	585	699
McCreary	237	251	4	4	54	58	179	189	5	4	86	98
McLean	192	215	-	1	43	60	149	154	-	3	56	82
Madison	2,101	2,447	14	8	355	400	1,732	2,039	14	9	520	614
Magoffin	124	131	4	4	39	39	81	88	4	4	76	65
Marion	420	404	8	3	81	72	331	329	9	3	118	103
Marshall	701	735	6	10	138	145	557	580	7	10	222	206
Martin	101	93	1	1	23	25	77	67	1	1	37	43

COLLISIONS BY COUNTY

2020 vs 2021

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Mason	498	505	4	3	75	69	419	433	4	3	110	112
Meade	379	420	6	11	92	97	281	312	9	12	141	132
Menifee	100	74	2	2	22	15	76	57	2	2	35	22
Mercer	353	331	3	1	62	44	288	286	4	1	98	64
Metcalfe	274	232	-	5	58	37	216	190	-	6	83	52
Monroe	155	214	2	2	33	38	120	174	2	2	56	57
Montgomery	672	707	3	4	105	142	564	561	4	4	157	197
Morgan	179	217	4	7	49	62	126	148	4	9	66	81
Muhlenberg	638	749	3	8	118	126	517	615	3	10	168	191
Nelson	956	1,042	9	7	165	159	782	876	9	8	239	239
Nicholas	118	115	2	1	13	24	103	90	2	1	22	33
Ohio	551	659	9	7	102	124	440	528	9	7	136	182
Oldham	928	1,106	5	9	128	143	795	954	6	9	190	204
Owen	186	198	3	-	32	45	151	153	3	-	41	68
Owsley	41	47	-	2	13	17	28	28	-	2	21	25
Pendleton	283	262	4	-	59	55	220	207	4	-	72	78
Perry	539	586	9	13	132	131	398	442	10	13	223	211
Pike	1,076	1,029	13	16	267	242	796	771	13	18	425	371
Powell	284	238	4	-	55	56	225	182	4	-	78	78
Pulaski	1,549	1,653	12	11	216	233	1,321	1,409	13	12	336	349
Robertson	46	39	-	-	6	5	40	34	-	-	7	6
Rockcastle	472	511	5	3	80	77	387	431	7	3	113	128
Rowan	594	705	3	4	82	98	509	603	4	4	120	144
Russell	274	253	5	3	35	33	234	217	5	3	57	57
Scott	1,316	1,557	9	5	221	250	1,086	1,302	10	8	328	372
Shelby	1,155	1,288	5	8	228	206	922	1,074	5	11	322	308
Simpson	487	546	4	1	93	85	390	460	4	1	136	123
Spencer	216	224	2	1	43	59	171	164	2	1	59	74
Taylor	633	669	3	4	98	91	532	574	4	4	130	140
Todd	216	223	4	5	36	49	176	169	4	7	45	65
Trigg	297	302	3	4	54	74	240	224	4	4	83	112
Trimble	120	138	3	3	17	22	100	113	3	4	23	27
Union	222	262	2	1	53	72	167	189	2	1	68	99
Warren	3,788	4,825	15	18	706	755	3,067	4,052	15	20	1,037	1,067
Washington	222	154	7	1	45	40	170	113	7	2	74	55
Wayne	356	308	3	4	78	98	275	206	3	4	127	152
Webster	186	228	-	3	48	52	138	173	-	3	66	69
Whitley	900	1,026	11	5	225	214	664	807	11	5	364	344
Wolfe	99	117	3	4	17	23	79	90	3	5	28	37
Woodford	669	711	13	5	89	78	567	628	15	6	135	117
Totals	100,786	109,291	704	734	19,321	20,117	80,761	88,440	774	806	28,421	29,372

ALCOHOL-RELATED COLLISIONS BY COUNTY

2020 vs 2021

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Adair	5	6	1	1	2	1	2	4	1	1	2	3
Allen	4	4	-	-	3	2	1	2	-	-	4	3
Anderson	9	4	-	-	5	3	4	1	-	-	7	3
Ballard	1	4	-	1	1	2	-	1	-	2	1	4
Barren	20	19	2	2	6	4	12	13	2	2	9	9
Bath	5	9	-	-	3	2	2	7	-	-	4	4
Bell	14	19	1	1	5	5	8	13	2	1	8	7
Boone	48	35	1	1	17	11	30	23	1	1	26	15
Bourbon	8	10	-	-	2	2	6	8	-	-	2	2
Boyd	39	41	2	1	12	7	25	33	2	2	20	11
Boyle	8	8	-	-	3	4	5	4	-	-	4	6
Bracken	2	5	-	1	-	1	2	3	-	2	-	1
Breathitt	10	6	1	1	5	3	4	2	1	1	11	9
Breckinridge	10	6	2	-	4	4	4	2	2	-	5	6
Bullitt	35	30	2	2	16	12	17	16	2	2	33	18
Butler	-	3	-	2	-	-	-	1	-	2	-	3
Caldwell	7	8	1	-	3	4	3	4	1	-	5	5
Calloway	10	9	-	-	4	3	6	6	-	-	4	4
Campbell	65	46	1	-	21	13	43	33	1	-	29	19
Carlisle	3	4	-	1	2	1	1	2	-	1	2	1
Carroll	11	5	-	-	5	1	6	4	-	-	6	1
Carter	10	11	-	1	4	2	6	8	-	1	7	4
Casey	9	4	-	-	4	3	5	1	-	-	8	3
Christian	20	20	-	1	10	3	10	16	-	1	16	6
Clark	25	23	-	-	6	9	19	14	-	-	8	14
Clay	20	11	2	3	7	3	11	5	3	3	8	9
Clinton	2	2	1	1	-	1	1	-	1	1	-	4
Crittenden	5	5	1	-	1	2	3	3	1	-	1	2
Cumberland	-	5	-	1	-	2	-	2	-	1	-	4
Daviess	44	41	2	1	13	10	29	30	2	1	16	15
Edmonson	3	4	1	2	2	1	-	1	1	2	3	4
Elliott	-	-	-	-	-	-	-	-	-	-	-	-
Estill	11	9	1	1	4	4	6	4	1	1	5	6
Fayette	155	140	4	6	41	40	110	94	4	6	57	58
Fleming	3	3	-	-	1	-	2	3	-	-	1	-
Floyd	21	30	-	2	10	18	11	10	-	2	19	29
Franklin	34	30	2	1	10	16	22	13	2	1	13	21
Fulton	1	2	1	-	-	2	-	-	1	-	2	4
Gallatin	5	6	1	1	1	2	3	3	1	1	2	4
Garrard	5	7	-	-	2	4	3	3	-	-	3	5

ALCOHOL-RELATED COLLISIONS BY COUNTY

2020 vs 2021

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Grant	5	6	1	1	2	1	2	4	1	1	2	3
Graves	4	4	-	-	3	2	1	2	-	-	4	3
Grayson	9	4	-	-	5	3	4	1	-	-	7	3
Green	1	4	-	1	1	2	-	1	-	2	1	4
Greenup	20	19	2	2	6	4	12	13	2	2	9	9
Hancock	5	9	-	-	3	2	2	7	-	-	4	4
Hardin	14	19	1	1	5	5	8	13	2	1	8	7
Harlan	48	35	1	1	17	11	30	23	1	1	26	15
Harrison	8	10	-	-	2	2	6	8	-	-	2	2
Hart	39	41	2	1	12	7	25	33	2	2	20	11
Henderson	8	8	-	-	3	4	5	4	-	-	4	6
Henry	2	5	-	1	-	1	2	3	-	2	-	1
Hickman	10	6	1	1	5	3	4	2	1	1	11	9
Hopkins	10	6	2	-	4	4	4	2	2	-	5	6
Jackson	35	30	2	2	16	12	17	16	2	2	33	18
Jefferson	-	3	-	2	-	-	-	1	-	2	-	3
Jessamine	7	8	1	-	3	4	3	4	1	-	5	5
Johnson	10	9	-	-	4	3	6	6	-	-	4	4
Kenton	65	46	1	-	21	13	43	33	1	-	29	19
Knott	3	4	-	1	2	1	1	2	-	1	2	1
Knox	11	5	-	-	5	1	6	4	-	-	6	1
Larue	10	11	-	1	4	2	6	8	-	1	7	4
Laurel	9	4	-	-	4	3	5	1	-	-	8	3
Lawrence	20	20	-	1	10	3	10	16	-	1	16	6
Lee	25	23	-	-	6	9	19	14	-	-	8	14
Leslie	20	11	2	3	7	3	11	5	3	3	8	9
Letcher	2	2	1	1	-	1	1	-	1	1	-	4
Lewis	5	5	1	-	1	2	3	3	1	-	1	2
Lincoln	-	5	-	1	-	2	-	2	-	1	-	4
Livingston	44	41	2	1	13	10	29	30	2	1	16	15
Logan	3	4	1	2	2	1	-	1	1	2	3	4
Lyon	-	-	-	-	-	-	-	-	-	-	-	-
McCracken	11	9	1	1	4	4	6	4	1	1	5	6
McCreary	155	140	4	6	41	40	110	94	4	6	57	58
McLean	3	3	-	-	1	-	2	3	-	-	1	-
Madison	21	30	-	2	10	18	11	10	-	2	19	29
Magoffin	34	30	2	1	10	16	22	13	2	1	13	21
Marion	1	2	1	-	-	2	-	-	1	-	2	4
Marshall	5	6	1	1	1	2	3	3	1	1	2	4
Martin	5	7	-	-	2	4	3	3	-	-	3	5

ALCOHOL-RELATED COLLISIONS BY COUNTY

2020 vs 2021

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Mason	5	6	1	1	2	1	2	4	1	1	2	3
Meade	4	4	-	-	3	2	1	2	-	-	4	3
Menifee	9	4	-	-	5	3	4	1	-	-	7	3
Mercer	1	4	-	1	1	2	-	1	-	2	1	4
Metcalfe	20	19	2	2	6	4	12	13	2	2	9	9
Monroe	5	9	-	-	3	2	2	7	-	-	4	4
Montgomery	14	19	1	1	5	5	8	13	2	1	8	7
Morgan	48	35	1	1	17	11	30	23	1	1	26	15
Muhlenberg	8	10	-	-	2	2	6	8	-	-	2	2
Nelson	39	41	2	1	12	7	25	33	2	2	20	11
Nicholas	8	8	-	-	3	4	5	4	-	-	4	6
Ohio	2	5	-	1	-	1	2	3	-	2	-	1
Oldham	10	6	1	1	5	3	4	2	1	1	11	9
Owen	10	6	2	-	4	4	4	2	2	-	5	6
Owsley	35	30	2	2	16	12	17	16	2	2	33	18
Pendleton	-	3	-	2	-	-	-	1	-	2	-	3
Perry	7	8	1	-	3	4	3	4	1	-	5	5
Pike	10	9	-	-	4	3	6	6	-	-	4	4
Powell	65	46	1	-	21	13	43	33	1	-	29	19
Pulaski	3	4	-	1	2	1	1	2	-	1	2	1
Robertson	11	5	-	-	5	1	6	4	-	-	6	1
Rockcastle	10	11	-	1	4	2	6	8	-	1	7	4
Rowan	9	4	-	-	4	3	5	1	-	-	8	3
Russell	20	20	-	1	10	3	10	16	-	1	16	6
Scott	25	23	-	-	6	9	19	14	-	-	8	14
Shelby	20	11	2	3	7	3	11	5	3	3	8	9
Simpson	2	2	1	1	-	1	1	-	1	1	-	4
Spencer	5	5	1	-	1	2	3	3	1	-	1	2
Taylor	-	5	-	1	-	2	-	2	-	1	-	4
Todd	44	41	2	1	13	10	29	30	2	1	16	15
Trigg	3	4	1	2	2	1	-	1	1	2	3	4
Trimble	-	-	-	-	-	-	-	-	-	-	-	-
Union	11	9	1	1	4	4	6	4	1	1	5	6
Warren	155	140	4	6	41	40	110	94	4	6	57	58
Washington	3	3	-	-	1	-	2	3	-	-	1	-
Wayne	21	30	-	2	10	18	11	10	-	2	19	29
Webster	34	30	2	1	10	16	22	13	2	1	13	21
Whitley	1	2	1	-	-	2	-	-	1	-	2	4
Wolfe	5	6	1	1	1	2	3	3	1	1	2	4
Woodford	5	7	-	-	2	4	3	3	-	-	3	5
Totals +	3,497	3,341	100	108	1,103	987	2,294	2,246	114	120	1,604	1,390

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

COLLISIONS WITH DRIVERS UNDER INFLUENCE OF DRUGS BY COUNTY

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Adair	5	6	1	1	2	1	2	4	1	1	2	3
Allen	4	4	-	-	3	2	1	2	-	-	4	3
Anderson	9	4	-	-	5	3	4	1	-	-	7	3
Ballard	1	4	-	1	1	2	-	1	-	2	1	4
Barren	20	19	2	2	6	4	12	13	2	2	9	9
Bath	5	9	-	-	3	2	2	7	-	-	4	4
Bell	14	19	1	1	5	5	8	13	2	1	8	7
Boone	48	35	1	1	17	11	30	23	1	1	26	15
Bourbon	8	10	-	-	2	2	6	8	-	-	2	2
Boyd	39	41	2	1	12	7	25	33	2	2	20	11
Boyle	8	8	-	-	3	4	5	4	-	-	4	6
Bracken	2	5	-	1	-	1	2	3	-	2	-	1
Breathitt	10	6	1	1	5	3	4	2	1	1	11	9
Breckinridge	10	6	2	-	4	4	4	2	2	-	5	6
Bullitt	35	30	2	2	16	12	17	16	2	2	33	18
Butler	-	3	-	2	-	-	-	1	-	2	-	3
Caldwell	7	8	1	-	3	4	3	4	1	-	5	5
Calloway	10	9	-	-	4	3	6	6	-	-	4	4
Campbell	65	46	1	-	21	13	43	33	1	-	29	19
Carlisle	3	4	-	1	2	1	1	2	-	1	2	1
Carroll	11	5	-	-	5	1	6	4	-	-	6	1
Carter	10	11	-	1	4	2	6	8	-	1	7	4
Casey	9	4	-	-	4	3	5	1	-	-	8	3
Christian	20	20	-	1	10	3	10	16	-	1	16	6
Clark	25	23	-	-	6	9	19	14	-	-	8	14
Clay	20	11	2	3	7	3	11	5	3	3	8	9
Clinton	2	2	1	1	-	1	1	-	1	1	-	4
Crittenden	5	5	1	-	1	2	3	3	1	-	1	2
Cumberland	-	5	-	1	-	2	-	2	-	1	-	4
Daviess	44	41	2	1	13	10	29	30	2	1	16	15
Edmonson	3	4	1	2	2	1	-	1	1	2	3	4
Elliott	-	-	-	-	-	-	-	-	-	-	-	-
Estill	11	9	1	1	4	4	6	4	1	1	5	6
Fayette	155	140	4	6	41	40	110	94	4	6	57	58
Fleming	3	3	-	-	1	-	2	3	-	-	1	-
Floyd	21	30	-	2	10	18	11	10	-	2	19	29
Franklin	34	30	2	1	10	16	22	13	2	1	13	21
Fulton	1	2	1	-	-	2	-	-	1	-	2	4
Gallatin	5	6	1	1	1	2	3	3	1	1	2	4
Garrard	5	7	-	-	2	4	3	3	-	-	3	5

COLLISIONS WITH DRIVERS UNDER INFLUENCE OF DRUGS BY COUNTY

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Grant	12	12	1	-	4	5	7	7	1	-	11	8
Graves	16	13	-	1	7	4	9	8	-	2	7	7
Grayson	14	12	-	-	6	5	8	7	-	-	14	8
Green	4	3	-	-	3	1	1	2	-	-	3	1
Greenup	15	4	-	-	7	1	8	3	-	-	11	2
Hancock	-	1	-	-	-	-	-	1	-	-	-	-
Hardin	36	23	-	2	14	7	22	14	-	2	18	8
Harlan	24	28	2	2	6	11	16	15	3	2	9	17
Harrison	8	10	-	-	3	3	5	7	-	-	5	5
Hart	7	6	-	1	5	3	2	2	-	1	12	8
Henderson	16	20	-	-	8	6	8	14	-	-	13	7
Henry	8	4	1	-	2	1	5	3	1	-	3	1
Hickman	1	-	-	-	-	-	1	-	-	-	-	-
Hopkins	16	17	-	-	6	2	10	15	-	-	9	4
Jackson	9	5	-	1	4	2	5	2	-	1	6	2
Jefferson	178	162	4	3	77	80	97	79	4	3	117	114
Jessamine	35	29	-	-	11	8	24	21	-	-	27	11
Johnson	4	7	-	1	2	5	2	1	-	1	6	15
Kenton	135	93	1	1	43	34	91	58	2	1	63	50
Knott	6	8	-	2	4	3	2	3	-	2	5	7
Knox	14	19	-	1	9	11	5	7	-	1	15	26
Larue	2	1	-	-	-	-	2	1	-	-	-	-
Laurel	27	22	-	2	8	9	19	11	-	3	16	18
Lawrence	2	2	-	-	-	-	2	2	-	-	-	-
Lee	2	3	1	-	-	1	1	2	1	-	1	2
Leslie	5	1	-	-	1	-	4	1	-	-	1	-
Letcher	5	11	-	-	3	8	2	3	-	-	3	9
Lewis	3	7	1	-	2	3	-	4	1	-	3	4
Lincoln	5	6	-	-	1	3	4	3	-	-	1	4
Livingston	4	-	-	-	1	-	3	-	-	-	1	-
Logan	4	5	1	1	1	1	2	3	1	1	4	2
Lyon	8	8	-	-	2	3	6	5	-	-	2	4
McCracken	39	26	-	2	12	9	27	15	-	3	24	11
McCreary	9	9	-	1	5	4	4	4	-	1	5	6
McLean	5	4	-	1	1	2	4	1	-	3	1	5
Madison	53	48	2	1	16	12	35	35	2	2	25	17
Magoffin	6	5	1	-	2	3	3	2	1	-	6	6
Marion	8	5	3	-	1	2	4	3	4	-	6	2
Marshall	16	8	1	-	3	6	12	2	2	-	12	10
Martin	6	2	-	-	3	-	3	2	-	-	4	-

COLLISIONS WITH DRIVERS UNDER INFLUENCE OF DRUGS BY COUNTY

County	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Mason	13	12	-	1	1	5	12	6	-	1	1	8
Meade	11	5	2	-	5	-	4	5	5	-	12	-
Menifee	2	1	-	-	-	-	2	1	-	-	-	-
Mercer	7	3	-	-	2	-	5	3	-	-	5	-
Metcalfe	14	5	-	2	5	1	9	2	-	2	6	3
Monroe	-	-	-	-	-	-	-	-	-	-	-	-
Montgomery	18	11	-	-	7	2	11	9	-	-	10	3
Morgan	5	5	1	-	2	4	2	1	1	-	3	4
Muhlenberg	14	13	-	2	6	6	8	5	-	2	13	11
Nelson	10	12	-	2	5	4	5	6	-	2	10	10
Nicholas	2	-	-	-	1	-	1	-	-	-	1	-
Ohio	7	9	2	-	1	-	4	9	2	-	3	-
Oldham	14	12	2	-	9	3	3	9	3	-	13	5
Owen	2	2	-	-	1	2	1	-	-	-	1	2
Owsley	-	1	-	1	-	-	-	-	-	1	-	-
Pendleton	9	5	1	-	2	-	6	5	1	-	2	-
Perry	15	12	-	1	7	7	8	4	-	1	12	15
Pike	52	48	4	1	22	15	26	32	4	1	39	26
Powell	12	3	-	-	2	2	10	1	-	-	4	4
Pulaski	18	20	-	-	6	8	12	12	-	-	8	11
Robertson	4	1	-	-	-	1	4	-	-	-	-	1
Rockcastle	9	7	2	-	3	-	4	7	4	-	6	-
Rowan	12	12	1	-	4	3	7	9	2	-	7	5
Russell	3	4	-	-	1	1	2	3	-	-	2	1
Scott	23	22	1	1	8	8	14	13	2	2	18	12
Shelby	15	15	-	-	6	4	9	11	-	-	8	8
Simpson	8	7	-	1	4	4	4	2	-	1	6	7
Spencer	9	1	-	-	4	1	5	-	-	-	6	1
Taylor	11	3	-	-	5	1	6	2	-	-	6	1
Todd	8	3	1	-	4	1	3	2	1	-	4	1
Trigg	5	7	1	1	3	3	1	3	2	1	9	6
Trimble	2	2	-	1	1	1	1	-	-	1	1	2
Union	2	2	-	-	1	2	1	-	-	-	1	2
Warren	39	49	-	1	9	21	30	27	-	1	9	29
Washington	3	3	1	-	-	3	2	-	1	-	1	6
Wayne	6	3	1	1	3	1	2	1	1	1	10	1
Webster	-	2	-	-	-	2	-	-	-	-	-	2
Whitley	27	29	2	3	12	11	13	15	2	3	26	21
Wolfe	2	3	-	1	1	-	1	2	-	1	1	-
Woodford	6	8	-	-	3	4	3	4	-	-	4	6
Totals	1,873	1,645	71	78	674	596	1,128	971	86	88	1,088	941

AREA DEVELOPMENT DISTRICTS

Area Development District	Counties
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	5,114	47	975	54	1,401
PENNYRILE	5,386	50	1,008	55	1,465
GREEN RIVER	6,192	41	1,093	45	1,582
BARREN RIVER	8,927	56	1,438	61	2,055
LINCOLN TRAIL	5,812	59	1,040	64	1,492
KIPDA	19,477	155	5,352	167	7,971
NORTHERN KY	15,071	23	1,897	28	2,624
BUFFALO TRACE	1,045	11	163	12	256
GATEWAY	1,980	22	355	26	498
FIVCO	2,637	18	404	20	557
BIG SANDY	2,226	30	537	32	838
KY RIVER	1,630	36	414	37	653
CUMBERLAND VALLEY	5,282	53	1,078	56	1,745
LAKE CUMBERLAND	4,193	42	692	44	1,083
BLUEGRASS	24,319	91	3,671	105	5,152
TOTAL	109,291	734	20,117	806	29,372

ALCOHOL-RELATED COLLISIONS BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL	INJURY	KILLED	INJURED
PURCHASE	144	3	50	3	69
PENNYRILE	166	4	53	4	78
GREEN RIVER	178	8	53	8	73
BARREN RIVER	267	9	93	9	121
LINCOLN TRAIL	172	6	58	6	81
KIPDA	703	29	217	32	334
NORTHERN KY	442	4	105	4	133
BUFFALO TRACE	37	1	11	1	16
GATEWAY	76	2	26	2	34
FIVCO	64	3	18	3	23
BIG SANDY	58	3	26	3	40
KY RIVER	36	7	11	7	16
CUMBERLAND VALLEY	137	6	46	6	68
LAKE CUMBERLAND	102	6	21	8	43
BLUEGRASS	759	17	199	24	261
TOTAL	3341	108	987	120	1390

DRUG RELATED COLLISIONS BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL	INJURY	KILLED	INJURED
PURCHASE	66	5	27	8	41
PENNYRILE	81	4	24	4	39
GREEN RIVER	79	2	22	4	31
BARREN RIVER	102	12	37	12	68
LINCOLN TRAIL	67	4	25	4	40
KIPDA	226	6	102	6	149
NORTHERN KY	204	3	68	3	99
BUFFALO TRACE	28	2	10	3	14
GATEWAY	38	0	11	0	16
FIVCO	58	2	10	3	17
BIG SANDY	92	4	41	4	76
KY RIVER	45	6	22	6	42
CUMBERLAND VALLEY	140	13	52	14	100
LAKE CUMBERLAND	59	5	23	5	35
BLUEGRASS	360	10	122	12	174
TOTAL	1645	78	596	88	941



**FATALITY
ANALYSIS
REPORTING
SYSTEM
(FARS)**



FATALITY ANALYSIS REPORTING SYSTEM (FARS)

FARS is a computerized file containing data on all fatal motor vehicle traffic collisions occurring each year in the 50 states, the District of Columbia, and Puerto Rico. The system is operated by the NHTSA for the purpose of identifying safety problems, suggesting solutions, and providing an objective basis to evaluate the effectiveness of motor vehicle safety standards and highway safety countermeasures.

NHTSA 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 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 stores data not only from the collision reports submitted from across the state, but interfaces with many other sources to obtain additional data pertinent to the collision, vehicles, drivers, etc. Examples of additional sources include vehicle registration files, driver licensing data, vital statistics, EMS reports, labs, coroners, and medical examiners. **FARS DATA CANNOT BE COMPARED DIRECTLY WITH THE PREVIOUSLY LISTED STATISTICS BECAUSE OF A DIFFERENCE IN REPORTING CRITERIA.**

DRIVERS INVOLVED IN FATAL COLLISIONS - AGE AND ALCOHOL INVOLVEMENT

The chart below provides 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. Alcohol-involved teenage drivers (ages 13 through 19) represent 2% of the total number of drinking drivers involved in fatal collisions.

NOTE: Data are derived from FARS. The number of alcohol-involved drivers in FARS 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	7	0	0
16	11	1	9
17	19	4	21
18	17	0	0
19	18	1	6
20	13	2	15
21	23	2	9
22-24	70	17	24
25-34	227	50	22
35-44	192	27	14
45-54	188	27	14
55-64	161	16	10
65-74	98	5	5
Over 74	82	2	2
Unknown	29	0	0
Totals	1,155	154	13

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

IN 2021 THERE WERE **165** PERSONS KILLED IN FATAL COLLISIONS INVOLVING A DRINKING DRIVER. THIS REPRESENTS **~20%** OF ALL PERSONS KILLED IN TRAFFIC COLLISIONS IN KENTUCKY.

The chart below shows drinking drivers by age and alcohol test result. **79%** 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	1	1	0	0	0
17	4	0	0	2	2
18	0	0	0	0	0
19	1	0	0	0	1
20	2	0	1	0	1
21	2	0	0	0	2
22-24	17	2	3	7	5
25-34	50	4	7	19	20
35-44	27	2	1	10	14
45-54	27	1	3	12	11
55-64	16	2	3	4	7
65-74	5	2	0	2	1
75+	2	0	1	1	0
Unknown	0	0	0	0	0
TOTAL	154	14	19	57	64

24% OF FATALLY INJURED PEDESTRIANS OVER THE AGE OF 15 WERE DRINKING.

THEIR AVERAGE BAC WAS **.21**.

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

The total number of pedestrians in FARS 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	1	0	0
6-10	0	0	0
11-15	1	0	0
16-20	2	0	0
21-25	1	1	0.22
26-30	10	3	0.19
31-40	17	2	0.26
41-50	16	6	0.25
51-60	17	3	0.12
61-70	5	2	0.31
71-80	4	1	0.1
81+	2	0	0
UNKNOWN	0	0	0
TOTAL	76	18	0.21

SAFETY RESTRAINTS AND EJECTION IN FATAL COLLISIONS

The chart below summarizes outcomes for fatal collisions when motorcycle helmets and other restraints (safety belts, harnesses, child restraints, etc.) were used. Comparing the Used and Not Used categories for 2021 FARS data confirms the lifesaving advantage as well as the reduction of serious injury when restraints are in place.

52% OF VEHICLE OCCUPANTS KILLED WERE NOT RESTRAINED.

29% OF 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	32	89	0	285	314	0	720
(A) Suspected Serious Injury	3	12	0	108	52	1	176
(B) Suspected Minor Injury	0	1	0	122	66	0	189
(C) Possible Injury	0	1	0	126	27	1	155
(O) No Injury	1	1	0	374	35	3	414
Unknown if Injured	0	0	0	0	2	27	29
Injured, Severity Unknown	0	0	0	0	0	0	0
TOTAL	36	104	0	1,015	496	32	1,683

Of the **1,511** vehicle occupants involved in fatal collisions, only **1,015** were using safety restraints - an overall usage rate of **67%** in fatal collisions. (Motorcycle occupants are not included).

EJECTION

RESULTS	Total Ejection	Partial Ejection	No Ejection	Unknown	TOTAL
(K) Killed	83	32	484	0	599
(A) Suspected Serious Injury	6	3	152	0	161
(B) Suspected Minor Injury	2	1	185	0	188
(C) Possible Injury	0	0	154	0	154
(O) No Injury	0	0	411	1	412
Unknown If Injured	0	0	28	1	29
Injured, Severity Unknown	0	0	0	0	0
TOTAL	91	36	1,414	2	1,543

The above chart summarizes outcomes for fatal collisions according to whether the vehicle occupant was ejected from the vehicle, partially ejected, or not ejected.

91% OF VEHICLE OCCUPANTS WHO WERE EITHER TOTALLY OR PARTIALLY EJECTED WERE KILLED. These data also reaffirm 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).

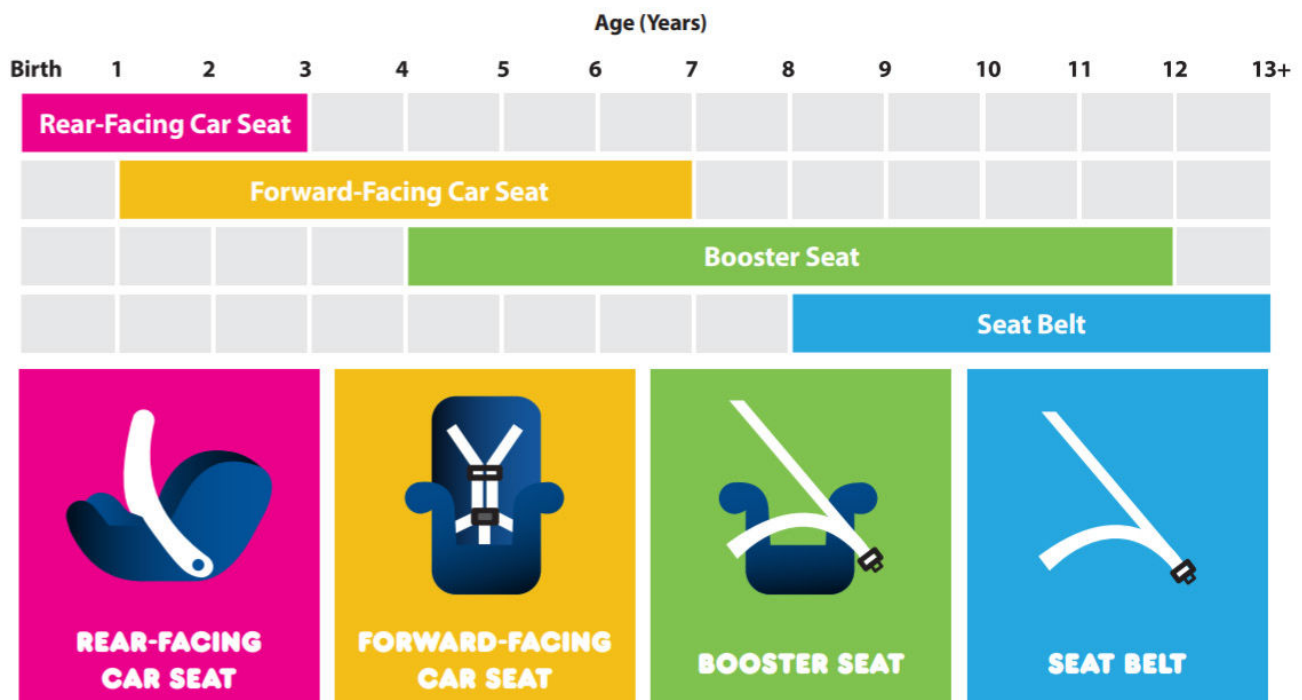
CHILD RESTRAINTS IN FATAL COLLISIONS

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."

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 a 30 mph collision into a fixed barrier.)

Data on child restraints summarized in the chart below indicate 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	6	4	1	1	0
Injured (Incapacitating)	4	3	0	1	0
Injured (Non-Incapacitating)	2	1	0	1	0
Injured (Possible)	8	7	1	0	0
Not Injured	11	10	1	0	0
TOTAL	31	25	3	3	0



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

COST OF KENTUCKY TRAFFIC COLLISIONS

\$3.5 BILLION to \$23.9 BILLION (Estimated Economic Cost vs Estimated Comprehensive Cost)

The calculable costs (Economic Costs) of motor vehicle collisions on public roads include wage losses, medical expenses, 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®) that account for Economic and Comprehensive Costs, were used to estimate a cost range for traffic collisions in Kentucky occurring on public roads.

Costs for 2020 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 the date of publication.)

Economic and Comprehensive Costs					
	Number Reported	Economic Cost Per	Estimated Economic Cost	Comprehensive Cost Per	Estimated Comprehensive Cost
(K) Killed	806	\$1,750,000	\$1,410,500,000	\$11,449,000	\$9,227,894,000
(A) Suspected Serious Injury	2,867	\$101,000	\$289,567,000	\$1,252,000	\$3,589,484,000
(B) Suspected Minor Injury	11,856	\$29,200	\$346,195,200	\$345,000	\$4,090,320,000
(C) Possible Injury	14,649	\$23,900	\$350,111,100	\$160,000	\$2,343,840,000
(O) No Observable Injury	88,440	\$12,800	\$1,132,032,000	\$52,700	\$4,660,788,000
			\$3,528,405,300		\$23,912,326,000



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

nhtsa.gov/heatstroke

