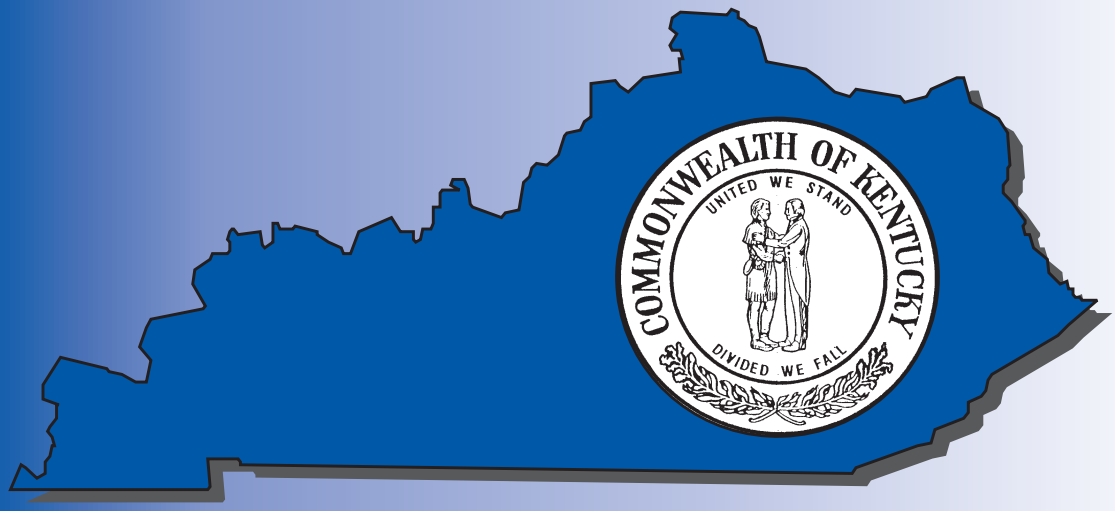
KENTUCKY

TRAFFIC COLLISION FACTS



2009 REPORT

COMMONWEALTH OF KENTUCKY
OFFICE OF THE GOVERNOR

STEVEN L. BESHEAR
GOVERNOR

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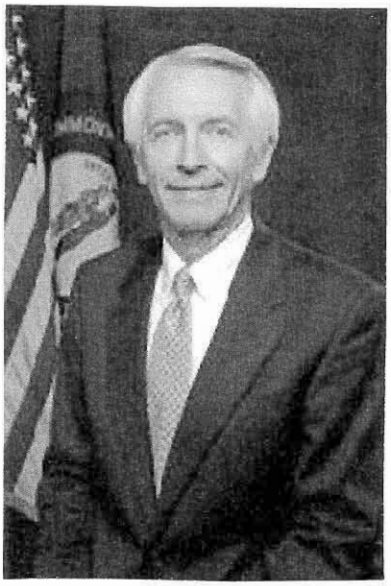
My Fellow Kentuckians:



This 2009 Kentucky Traffic Collision Facts report provides us with valuable statistics concerning traffic collisions on the roadways of our Commonwealth. These figures should also remind us that motor vehicle travel, although required by most to provide our very livelihood, many times results in injury and even death.

Each year I am saddened to learn the number of individuals killed and injured in traffic collisions throughout our state. This year, the number of fatalities for 2009 decreased by 4.2 percent, with 35 less fatalities than during 2008. The 791 people who lost their lives in fatal collisions in Kentucky represent far too great a portion of our most valuable asset – our citizens.

Injury and death on our highways can be dramatically reduced if everyone will be alert, observe speed limits, never drink and drive, and always buckle-up. By following these few common sense rules, we can make our roadways safer for all Kentuckians.

Sincerely,

Steven L. Beshear

KENTUCKY STATE POLICE
919 VERSAILLES ROAD
FRANKFORT, KENTUCKY 40601
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STEVEN L. BESHEAR
GOVERNOR

J. MICHAEL BROWN
SECRETARY

RODNEY BREWER
COMMISSIONER

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

Dear Governor Beshear:

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

In adherence to this statute, the Kentucky State Police proudly presents the 2009 KENTUCKY TRAFFIC COLLISION FACTS report. This report provides a collection of statistical data, based on comprehensive evaluation and analyses of fatal, injury, and property damage collisions.

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 University of Kentucky for their efforts in the successful completion of this report. For sixteen consecutive years, 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 that the information contained herein provides beneficial information to law enforcement agencies, as well as various other national, state and local organizations. Most importantly, we hope this data will inspire all citizens to work with officials to create a more heightened sense of highway safety across our great Commonwealth.

Respectfully submitted,

Rodney Brewer
Commissioner

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

This 2009 Collision Facts Report

would like to

remember

the

SEVEN HUNDRED NINETY-ONE

who were victims of fatal traffic collisions

on public roads

during 2009.

KENTUCKY

TRAFFIC COLLISION FACTS

2009

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Commonwealth of Kentucky

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INTRODUCTION

KENTUCKY'S TRAFFIC COLLISION FACTS report for 2009 is based on collision reports submitted to the Kentucky State Police Records Branch. As required by Kentucky Revised Statutes 189.635, "every law enforcement agency whose officers investigate a vehicle accident of which a report must be made...shall file a report of the accident...within ten days after investigation of the accident upon forms supplied by the bureau." The stated purpose of this requirement is to utilize data on traffic collisions for such purposes as will improve the traffic safety program in the Commonwealth. Data contained in this report are based solely on the observations and judgements of the state and local police officers who investigated each collision. The collision data is contained in an automatic system (Collision Report Analysis for Safer Highways) (CRASH). This system has edit checks for accuracy. Computer tabulations and summaries are again checked for accuracy before information is released or disseminated. It is hoped that the detailed information presented in the 2009 Kentucky Traffic Collision Facts report will, in fact, "improve the traffic safety program within the Commonwealth."

Definitions and Terms: the National MANUAL ON CLASSIFICATION OF MOTOR VEHICLE TRAFFIC CRASHES is used to ensure uniformity and compliance with federal requirements. Standard definitions and terms used in this booklet include the following:

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

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

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

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

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

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

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

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

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

NOTE: KRS 189.635 requires "any person operating a vehicle...who is involved in an accident resulting in any property damage exceeding $500 in which an investigation is not conducted by a law enforcement officer shall file a written report of the accident with the state police within ten (10) days of occurrence of the accident..." Such reports are not included in the overall data presented in this report.

NOTE: Summary data on fatal collisions are included throughout this report. Additional data on fatal collisions can be found in the section titled "Kentucky's Fatality Analysis Reporting System (FARS)", pages 57-62.

NOTE: Prior to 1985, Kentucky utilized a ninety day cut-off for deaths resulting from fatal collisions. As of 1986, persons who died as a result of injuries sustained in a motor vehicle collision are counted as fatalities only if death occurred within thirty days from the date of the collision. This change from ninety to thirty days was made to be consistent with guidelines of the National Highway Traffic Safety Administration.

NOTE: Beginning with the 2000 Kentucky Traffic Collision Facts report, these statistics were tabulated under modified formats. Data from parking lots and private property are reported but summarized separately from collisions on public roads. Civilian report data are not included. ***UNLESS OTHERWISE NOTED, THE DATA ARE FOR PUBLIC ROADS ONLY.*** Therefore, some data are not directly comparable to previous years.

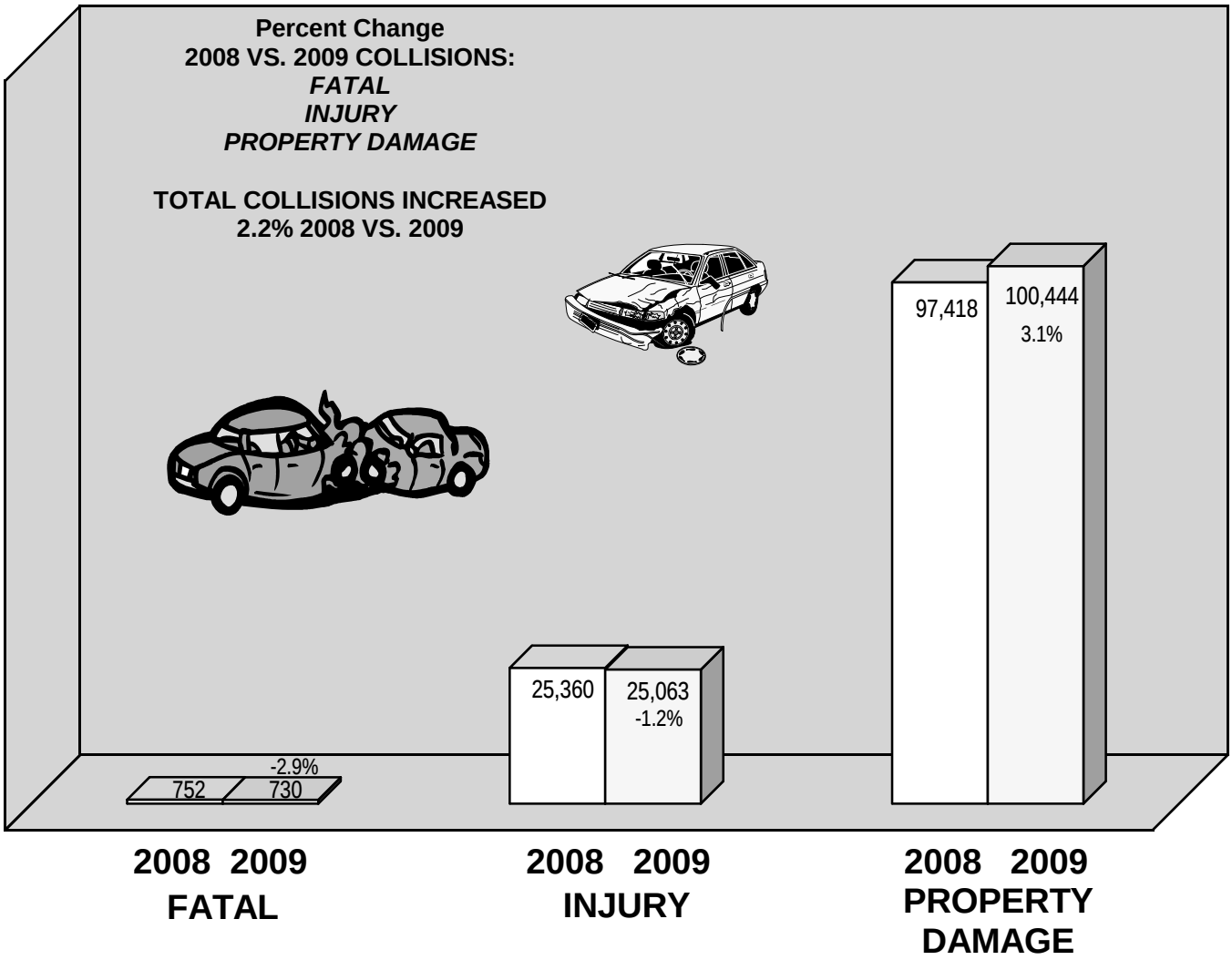
COLLISION SUMMARY

2009 COLLISION SUMMARY

TYPE COLLISION REPORTED	2008	2009	PERCENT CHANGE
FATAL (Public Roads)	752	730	-2.9
NONFATAL INJURY (Public Roads)	25,360	25,063	-1.2
PROPERTY DAMAGE ONLY (Public Roads)	97,418	100,444	+3.1
TOTAL NUMBER REPORTED (Public Roads)	123,530	126,237	+2.2
PARKING LOTS / PRIVATE PROPERTY	21,636	21,523	-0.5
TOTAL ALL REPORTED	145,166	147,760	+1.8
FATAL (Total)	762*	741**	-2.8

* Includes 10 fatal collisions on parking lots / private property
** Includes 11 fatal collisions on parking lots / private property

NOTE: Beginning with the 2000 Kentucky Traffic Collision Facts report, these statistics were tabulated under modified formats. Data from parking lots and private property are reported but summarized separately from collisions on public roads. Civilian report data are not included. ***UNLESS OTHERWISE NOTED, THE DATA ARE FOR PUBLIC ROADS ONLY.***



DEATH AND INJURY SUMMARY

	2008	2009	% CHANGE
PERSONS KILLED - Public Roads	826	791	-4.2
PERSONS KILLED - Parking Lots / Private Property	10	12	+20.0
PERSONS KILLED (Total)	836	803	-3.9
PERSONS INJURED - Public Roads	37,491	37,398	-0.2
PERSONS INJURED - Parking Lots / Private Property	901	928	+3.0
PERSONS INJURED (Total)	38,392	38,326	-0.2

FACTS: **APPROXIMATELY ONE OF EVERY 6,200 KENTUCKY RESIDENTS DIED AS A RESULT OF A FATAL TRAFFIC COLLISION ON A PUBLIC ROAD DURING 2009 IN KENTUCKY. ABOUT ONE IN 126 KENTUCKY RESIDENTS WAS INJURED IN A TRAFFIC COLLISION IN KENTUCKY.***

APPROXIMATELY ONE OF EVERY 16 DRIVERS LICENSED IN KENTUCKY WAS INVOLVED IN A TRAFFIC COLLISION IN KENTUCKY. ABOUT ONE OF 3,200 KENTUCKY DRIVERS WAS INVOLVED IN A FATAL COLLISION.**

* Based on 4,314,113 population estimate for Kentucky in 2009.
** Based on 3,089,942 licensed drivers in Kentucky in 2009 (including learner permits).

A total of 791 persons were killed on public roads during 2009. The total number of traffic fatalities decreased 4.2%, with 35 less fatalities than during 2008.

37,398 persons were injured on public roads during 2009, a decrease of 0.2% from 2008, or 93 fewer persons injured.

The chart at the right compares death rates for Kentucky vs. U.S. death rates computed by the National Safety Council.

The bottom chart plots persons injured by severity of injury. An incapacitating injury includes those injuries that required transport to a medical facility.

TYPE INJURY	NUMBER	%
INCAPACITATING INJURY		
Public Roads	4,491	12
Parking Lots / Private Property	91	10
NON-INCAPACITATING INJURY		
Public Roads	12,906	35
Parking Lots / Private Property	310	33
POSSIBLE INJURY		
Public Roads	20,001	53
Parking Lots / Private Property	527	57
TOTAL		
Public Roads	37,398	
Parking Lots / Private Property	928	

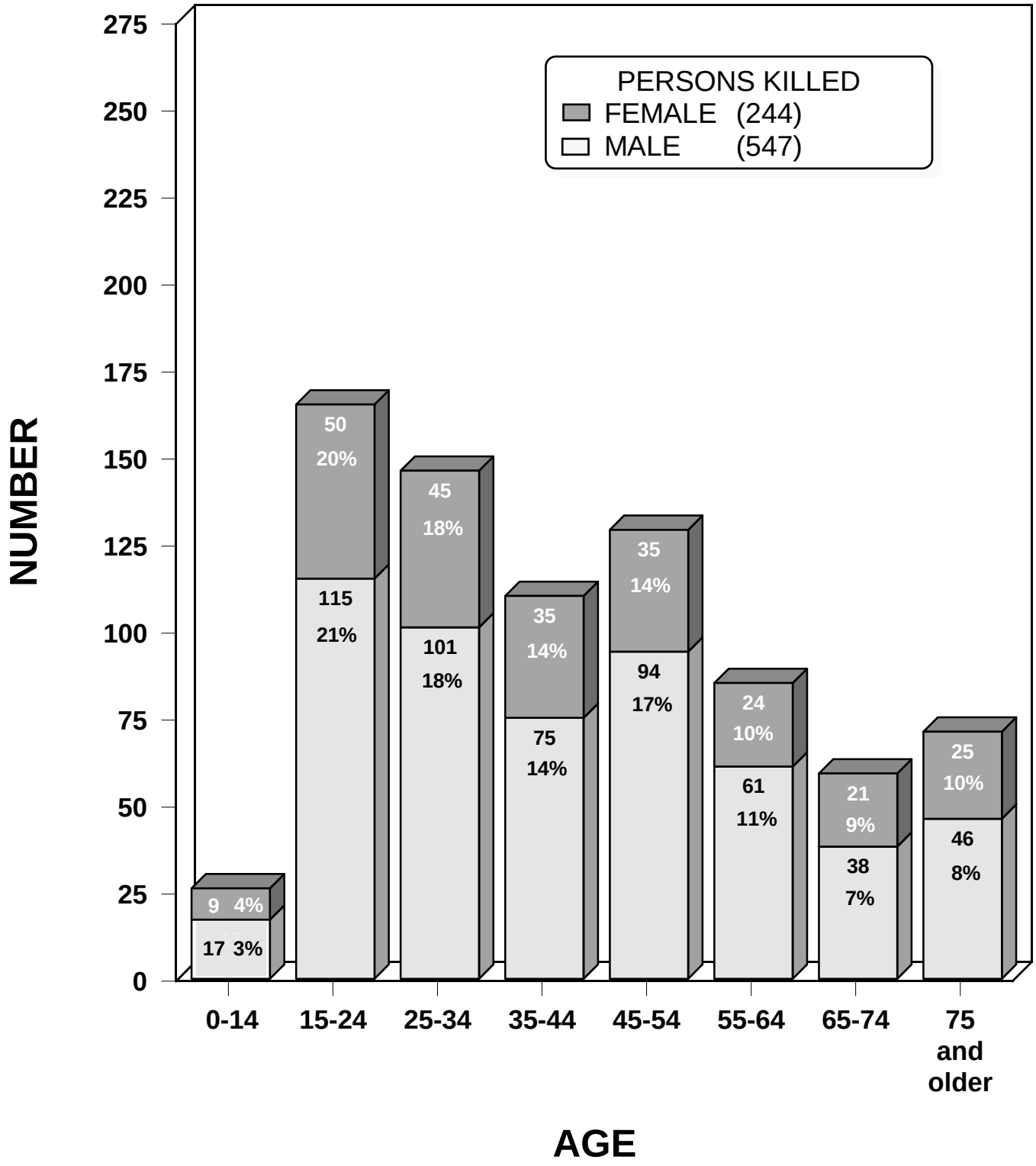
TOTAL DEATH RATES
(deaths per 100 million miles traveled[+])

YEAR	KILLED	RATE[++] KY	RATE[++] U.S.
1995	856	2.08	1.73
1996	846	1.99	1.69
1997	865	1.93	1.64
1998	869	1.87	1.58
1999	819	1.71	1.55
2000	823	1.76	1.53
2001	843	1.78	1.51
2002	915	1.96	1.51
2003	928	1.98	1.48
2004	964	2.07	1.44
2005	985	2.08	1.46
2006	913	1.92	1.42
2007	864	1.80	1.36
2008	826	1.75	1.25
2009	791	1.68	1.16

[+]Miles traveled in Kentucky in 2009 = 47.2 billion
[++]Public Roads; U.S. Data from NHTSA

FATALITIES
BY AGE AND SEX

The number of persons killed in fatal collisions in 2009 is shown by age and sex in the chart below. There were 547 males versus 244 females killed. Twenty-one (21) percent of all persons killed in traffic collisions were in the 15- to 24-year old age group. The percentages below represent the percent of males or females killed in the given age group (as a percentage of the total males or females killed).



SEVERITY OF INJURY BY TYPE OF COLLISION

The chart below depicts the number of persons killed and injured, by severity of injury, with 11 categories of collisions. As shown in the percentage column, collisions with moving motor vehicles (63%) and collisions with fixed objects (24%) account for 87% of the fatalities and injuries during 2009.

TYPE OF COLLISION	TOTAL COLLISIONS	FATAL COLLISIONS	TYPE OF INJURY				% OF TOTAL OCCUPANTS KILLED OR INJURED
			KILLED	INCAPACITATING INJURY	NON-INCAPACITATING INJURY	POSSIBLE INJURY	
COLLISION WITH MOVING VEHICLE	80,418	304	350	2,409	7,561	13,639	62.7
COLLISION WITH FIXED OBJECT	24,278	291	302	1,316	3,428	4,189	24.2
OTHER NON COLLISION	2,823	27	27	191	426	450	2.9
COLLISION WITH PEDESTRIAN	936	39	39	184	328	339	2.3
NON COLLISION OVERTURNED	1,846	48	51	215	566	582	3.7
COLLISION WITH OTHER OBJECT	1,780	4	5	53	186	247	1.3
COLLISION WITH PEDALCYCLIST	428	5	5	39	124	139	0.8
COLLISION WITH PARKED VEHICLE	8,533	9	9	40	164	196	1.1
COLLISION WITH DEER	2,989	1	1	22	52	87	0.4
COLLISION WITH OTHER ANIMAL	2,157	1	1	19	64	124	0.5
COLLISION WITH TRAIN	49	1	1	3	7	9	0.1
TOTALS	**126,237**	**730**	**791**	**4,491**	**12,906**	**20,001**	**100.0**

OCCURRENCE OF COLLISIONS BY TYPE

Sixty-three (64) percent of all collisions reported during 2009 involved collisions between two or more moving vehicles (not in a parking lot).

Nineteen (19) percent of all collisions involved collisions with fixed objects.

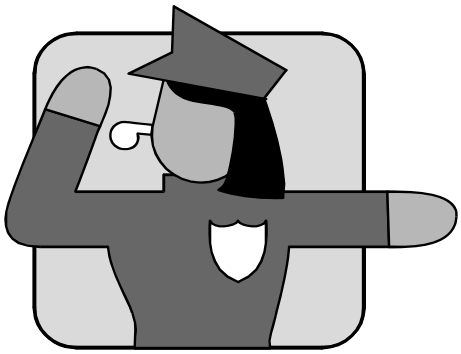
Seventeen (17) percent of all collisions did not involve a collision with either a moving vehicle or a fixed object. About 13.4% were other types of collisions (vehicle with pedestrian, deer, pedalcyclist, etc.) while the remainder were non-collisions (vehicle overturning and other non-collisions).

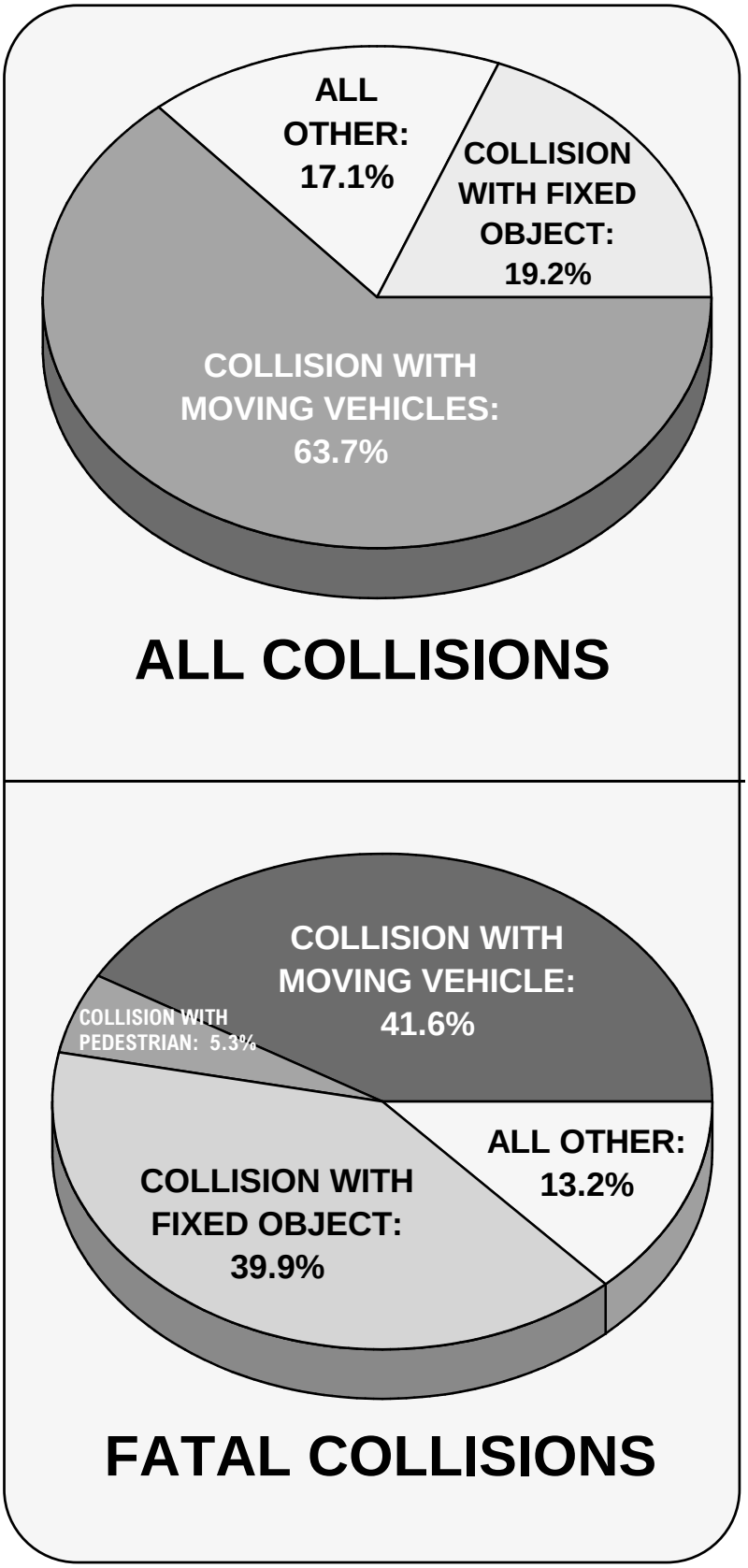
When looking at fatal collisions, the ratio among types of occurrences is different. Forty-two (42) percent of all fatal collisions involved a collision with another moving vehicle.

Forty (40) percent of the fatal collisions reported during 2009 involved collisions with fixed objects.

Collisions with pedestrians accounted for 5% of the fatal collisions. Thirteen (13) percent of the fatal collisions were other type collisions. Most of these (10.3%) were non-collisions (vehicle overturning or other non-collision).

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





TYPES OF COLLISIONS

Collisions with other moving motor vehicles were responsible for 64% of all collisions reported during 2009, and accounted for 44% of all fatalities (persons killed). Collisions with fixed objects accounted for 19% of all collisions, but 38% of fatalities. Types of collisions are depicted below.

COLLISIONS WITH MOVING MOTOR VEHICLE:

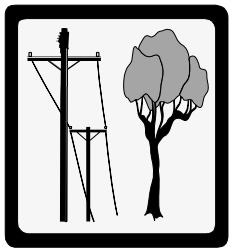
Total Collisions:	80,418
% of Total Collisions:	63.70%
Persons Killed:	350
% of Total Fatalities:	44.25%
No. of Fatal Collisions:	304
% of All Fatal Collisions:	41.64%

COLLISIONS WITH PEDESTRIAN:

Total Collisions:	936
% of Total Collisions:	0.74%
Persons Killed:	39
% of Total Fatalities:	4.93%
No. of Fatal Collisions:	39
% of All Fatal Collisions:	5.34%

COLLISIONS WITH FIXED OBJECT:

Total Collisions:	24,278
% of Total Collisions:	19.23%
Persons Killed:	302
% of Total Fatalities:	38.18%
No. of Fatal Collisions:	291
% of All Fatal Collisions:	39.86%

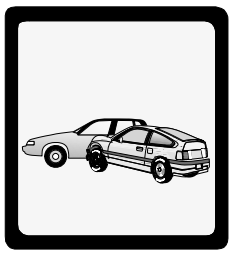


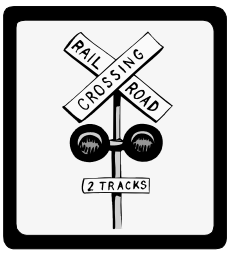
COLLISIONS WITH PEDALCYCLIST:

Total Collisions:	428
% of Total Collisions:	0.34%
Persons Killed:	5
% of Total Fatalities:	0.63%
No. of Fatal Collisions:	5
% of All Fatal Collisions:	0.68%

PARKED VEHICLE COLLISIONS:

Total Collisions:	8,533
% of Total Collisions:	6.76%
Persons Killed:	9
% of Total Fatalities:	1.14%
No. of Fatal Collisions:	9
% of All Fatal Collisions:	1.23%





COLLISIONS WITH RAILWAY TRAIN:

Total Collisions:	49
% of Total Collisions:	0.04%
Persons Killed:	1
% of Total Fatalities:	0.13%
No. of Fatal Collisions:	1
% of All Fatal Collisions:	0.14%

COLLISIONS WITH OTHER OBJECTS:

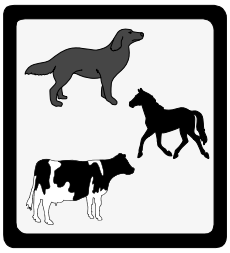
Total Collisions:	1,780
% of Total Collisions:	1.41%
Persons Killed:	5
% of Total Fatalities:	0.63%
No. of Fatal Collisions:	4
% of All Fatal Collisions:	0.55%

COLLISIONS WITH DEER:

Total Collisions:	2,989
% of Total Collisions:	2.37%
Persons Killed:	1
% of Total Fatalities:	0.13%
No. of Fatal Collisions:	1
% of All Fatal Collisions:	0.14%

NON-COLLISIONS OVERTURNED:

Total Collisions:	1,846
% of Total Collisions:	1.46%
Persons Killed:	51
% of Total Fatalities:	6.45%
No. of Fatal Collisions:	48
% of All Fatal Collisions:	6.58%



COLLISIONS WITH ANIMALS (excluding deer):

Total Collisions:	2,157
% of Total Collisions:	1.71%
Persons Killed:	1
% of Total Fatalities:	0.13%
No. of Fatal Collisions:	1
% of All Fatal Collisions:	0.14%

OTHER NON-COLLISIONS:

Total Collisions:	2,823
% of Total Collisions:	2.24%
Persons Killed:	27
% of Total Fatalities:	3.41%
No. of Fatal Collisions:	27
% of All Fatal Collisions:	3.70%

PEDESTRIAN COLLISIONS

Thirty-nine (39) pedestrians were killed and 851 were injured in traffic collisions in 2009. The charts below depict ages of victims of pedestrian collisions and the factors related to the pedestrian vs. the vehicle at the time of the collision. Up to three pedestrian factors can be coded for one collision. Seventeen (17) percent of the pedestrians killed or injured were 14 years of age or younger, while 6% were age 65 or older.

PEDESTRIAN FACTOR	TOTAL ACTIONS FOR KILLED OR INJURED PEDESTRIANS BY AGE CATEGORY										
	Fatal Actions	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	75	1	5	6	7	12	28	16	2	2
At Intersection	2	77	1	3	8	6	21	20	17	3	0
Crossing Against Signal	1	56	0	0	8	7	4	15	21	2	0
Crossing With Signal	0	98	0	0	6	13	19	26	27	7	0
Dark Clothing / Not Visible	15	76	1	2	6	5	10	36	27	4	0
Darting into Roadway	9	176	14	41	36	33	10	28	20	3	0
Drinking	6	56	0	0	0	2	11	28	20	1	0
Drug Related	1	11	0	0	0	2	4	5	1	0	0
Getting On or Off Vehicle	0	16	0	1	2	2	3	4	2	2	0
In Crosswalk	0	104	0	0	1	10	15	24	35	18	1
Jogging	1	8	0	0	0	3	1	2	3	0	0
Lying in Roadway	3	7	0	0	0	0	1	7	2	0	0
Not at Intersection	3	86	1	4	6	14	9	29	20	5	1
Not in Roadway	3	99	0	4	2	8	15	43	22	8	0
Physical Impairment	0	8	0	0	0	0	0	3	3	2	0
Playing in Roadway	0	11	0	5	5	0	1	0	0	0	0
Pushing Vehicle	0	9	0	0	0	0	1	7	0	1	0
Skating/Skateboarding	0	1	0	0	0	1	0	0	0	0	0
Walking in Roadway	16	182	0	3	10	25	30	64	49	14	3
Working in Roadway	1	24	0	0	0	2	2	14	6	1	0
Working on Vehicle	0	27	0	0	1	2	4	12	8	0	0
TOTAL*	**65**	**1,207**	**18**	**68**	**97**	**142**	**173**	**395**	**299**	**73**	**7**

PEDESTRIAN FACTOR	VEHICLE ACTION								
	Straight	Right Turn	Left Turn	Parking	Starting in Traffic	Slowing	Backing	Other	TOTAL
Approaching or Leaving Vehicle	40	1	1	33	2	1	13	8	99
At Intersection	33	20	15	0	1	0	0	4	73
Crossing Against Signal	41	2	10	2	4	1	0	1	61
Crossing With Signal	25	24	58	1	3	0	0	0	111
Dark Clothing / Not Visible	66	2	16	1	1	1	2	2	91
Darting into Roadway	161	3	6	0	3	6	2	7	188
Drinking	35	4	2	2	1	3	3	6	56
Drug Related	5	0	0	2	0	3	0	1	11
Getting On or Off Vehicle	5	0	0	5	0	1	5	5	21
In Crosswalk	26	25	47	3	6	2	1	3	113
Jogging	6	2	0	0	0	1	0	1	10
Lying in Roadway	9	0	0	0	0	0	0	0	9
Not at Intersection	61	1	6	3	1	1	5	2	80
Not in Roadway	49	2	2	9	0	1	11	5	79
Physical Impairment	4	0	2	0	0	2	2	0	10
Playing in Roadway	7	0	0	0	0	1	1	1	10
Pushing Vehicle	2	0	1	2	0	0	0	4	9
Skating/Skateboarding	1	0	0	0	0	0	0	0	1
Walking in Roadway	141	4	11	7	3	3	12	11	192
Working in Roadway	19	0	4	4	0	0	3	6	36
Working on Vehicle	12	3	1	4	0	1	0	2	23
TOTAL*	**748**	**93**	**182**	**78**	**25**	**28**	**60**	**69**	**1,283**

* These totals are higher than the actual number of pedestrians involved because they reflect multiple pedestrian actions.

HIT-AND-RUN COLLISIONS

Hit-and-run collisions are those collisions in which the driver leaves the collision scene with the intent of evading responsibility. Hit-and-run is a serious violation of the law. During 2009, there were 10,724 hit-and-run collisions, of which 16 were fatal collisions and 970 were injury collisions. As depicted in the chart below, most of Kentucky's hit-and-run collisions were property damage collisions (91%). Sixteen (16) persons were killed and 1,308 were injured.

TOTAL	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE COLLISIONS	PERSONS KILLED	PERSONS INJURED
10,724	16	970	9,738	16	1,308

HIT-AND-RUN VICTIMS

As shown in the chart below, 4 of the 15 persons killed in hit-and-run collisions were pedestrians and none were pedalcyclists. One hundred fifty-seven (157) pedestrians and 29 pedalcyclists were injured.

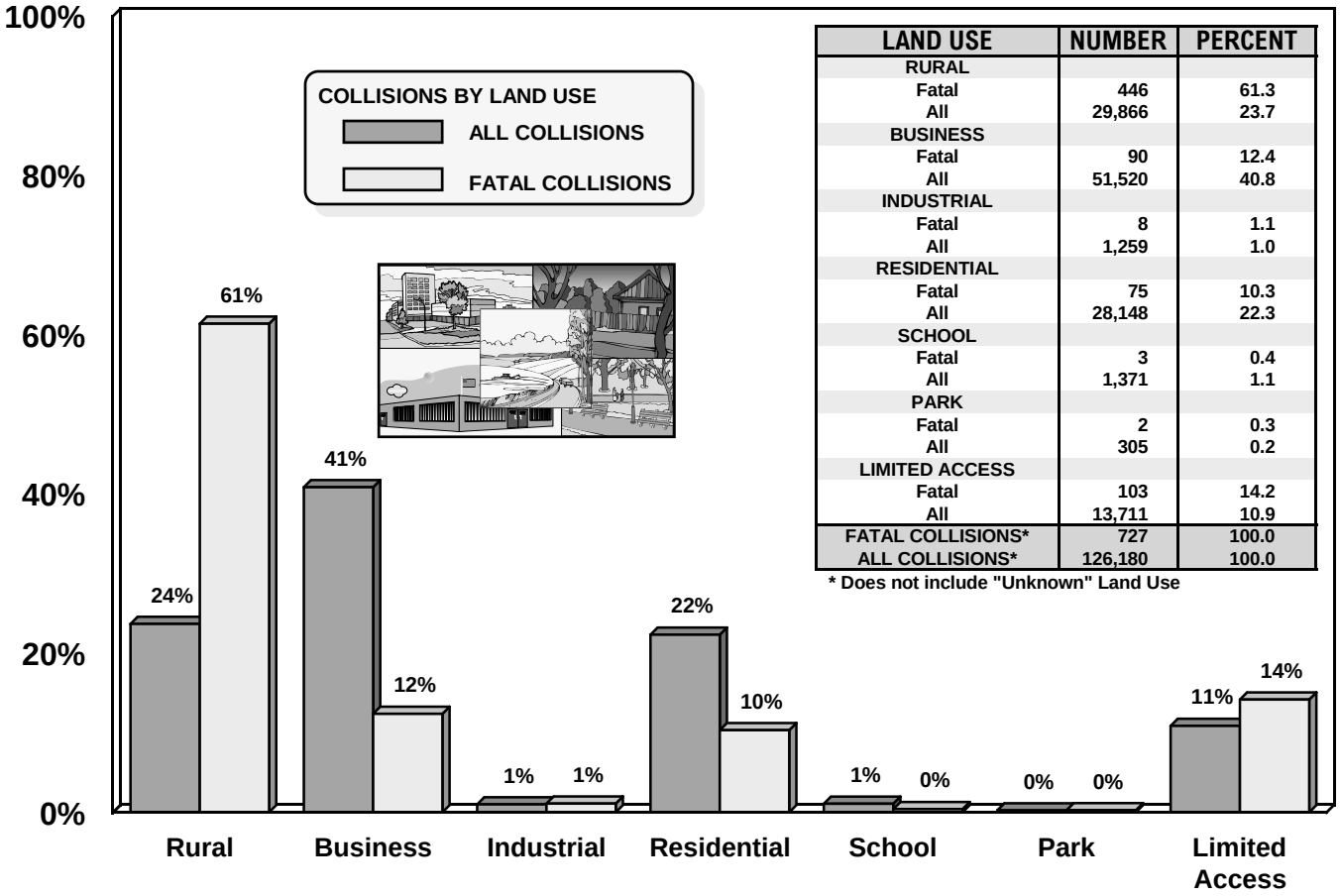
TYPE OF VICTIM	PERSONS KILLED	PERSONS INJURED
Pedestrian	4	157
Pedalcyclist	0	29
Other	11	1,122
TOTAL	**15**	**1,308**

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 (40%) occurred on city streets, followed by 24% on state routes, and 17% on U.S. routes.

TYPE OF ROADWAY	ALL HIT-AND-RUN COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE
INTERSTATE	733	2	73	658
U.S. ROUTE	1,813	5	207	1,601
STATE ROUTE	2,606	5	317	2,284
PARKWAY	27	0	5	22
COUNTY ROADS	569	1	66	502
CITY STREETS	4,341	3	273	4,065
OTHER	635	0	29	606
TOTAL	**10,724**	**16**	**970**	**9,738**

LAND USE



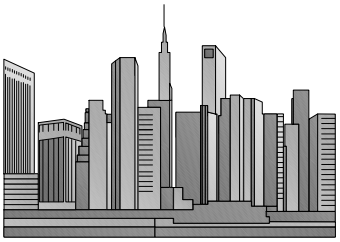
LAND USE	NUMBER	PERCENT
RURAL		
Fatal	446	61.3
All	29,866	23.7
BUSINESS		
Fatal	90	12.4
All	51,520	40.8
INDUSTRIAL		
Fatal	8	1.1
All	1,259	1.0
RESIDENTIAL		
Fatal	75	10.3
All	28,148	22.3
SCHOOL		
Fatal	3	0.4
All	1,371	1.1
PARK		
Fatal	2	0.3
All	305	0.2
LIMITED ACCESS		
Fatal	103	14.2
All	13,711	10.9
FATAL COLLISIONS*	727	100.0
ALL COLLISIONS*	126,180	100.0

* Does not include "Unknown" Land Use

COLLISION LOCATIONS

For the purpose of tabulating collision locations, an urban area is an area including and adjacent to a municipality or other place of 5,000 or more population. Rural areas are those places that do not meet this specification. As shown in the chart below, most collisions (63%) occurred in urban areas. However, the majority of fatal collisions (58%) took place in rural areas of Kentucky during 2009. Although nonfatal injury collisions were divided between urban and rural areas, nearly twice as many property damage collisions were reported in urban areas.

RURAL VS. URBAN



AREA	Number of Collisions	% Total	Fatal	% Total	Nonfatal Injury	% Total	Property Damage	% Total	Killed	% Total	Injured	% Total
RURAL	47,174	37	427	58	10,570	42	36,177	36	473	60	15,823	42
URBAN	79,063	63	303	42	14,493	58	64,267	64	318	40	21,575	58
TOTAL	126,237	100	730	100	25,063	100	100,444	100	791	100	37,398	100

LOCATION OF COLLISIONS

The chart at right shows the number of collisions during 2009 by type of roadway, with percentages of all collisions.

Thirty-five (35) percent of all collisions occurred on Kentucky's "State Numbered" roads, with 48% of all fatal collisions reported during 2009 occurring on this type of roadway.

Although 22% of all collisions occurred on city streets, only 5% of the fatal collisions occurred on city streets.

TYPE OF ROADWAY	Fatal Collisions	Nonfatal Injury	Property Damage	% Total
INTERSTATE	75	2,019	8,567	8
U.S. ROUTE	173	6,460	24,782	25
STATE ROUTE	347	10,435	32,773	35
PARKWAY	26	385	1,343	1
COUNTY ROAD	67	1,654	5,852	6
CITY STREET	36	3,834	24,220	22
Other	6	276	2,907	3
TOTAL	**730**	**25,063**	**100,444**	**100**

INTERSTATES AND PARKWAYS

The chart below depicts the incidence of collisions on Kentucky's interstates and parkways. Interstate collisions represent 8% of all collisions. Parkway collisions represent 1% of all collisions.

INTERSTATE	Collisions	Fatal Collisions	Nonfatal Injury	Property Damage	Number Killed	Number Injured
I-24	389	6	80	303	8	139
I-64	1,965	15	381	1,569	16	543
I-65	2,173	19	414	1,740	21	632
I-71	983	9	175	799	9	258
I-75	2,643	15	512	2,116	15	760
I-264	1,034	1	200	833	2	290
I-265	546	5	79	462	6	107
I-275	644	5	135	504	6	178
I-471	284	0	43	241	0	56
TOTAL	**10,661**	**75**	**2,019**	**8,567**	**83**	**2,963**

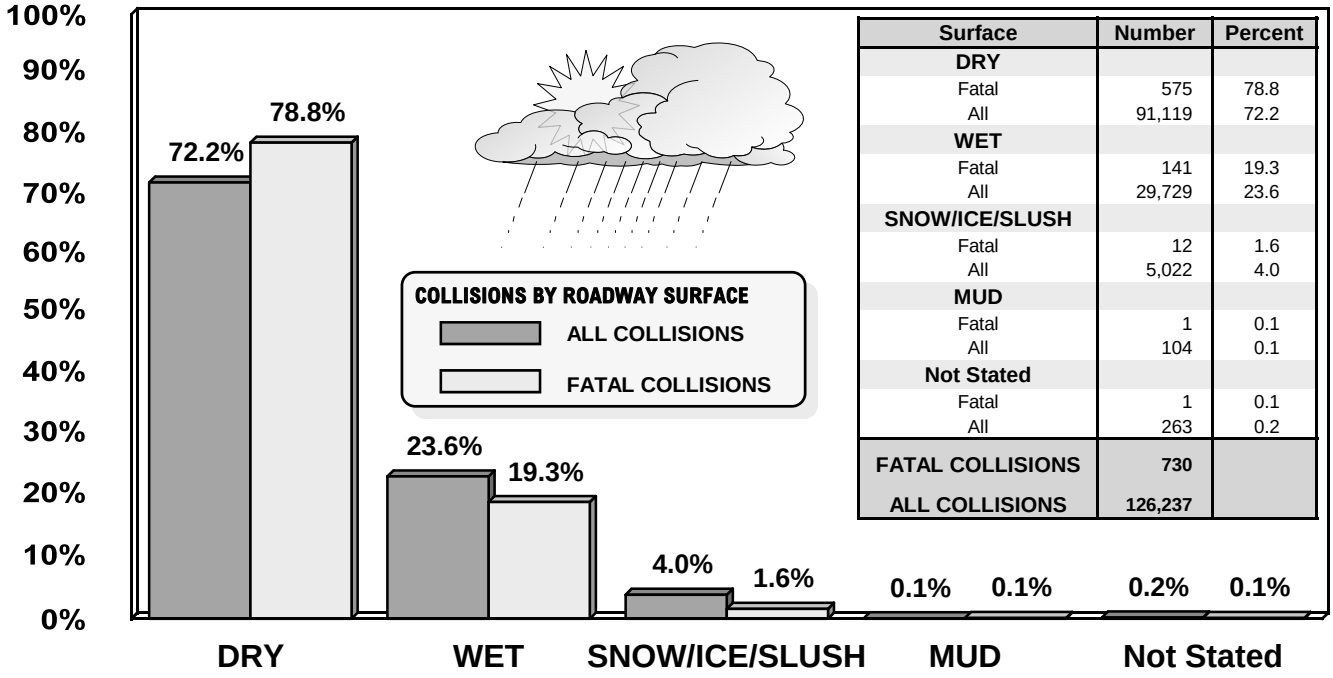
PARKWAY	Collisions	Fatal Collisions	Nonfatal Injury	Property Damage	Number Killed	Number Injured
Audubon	53	2	9	42	2	11
Martha L. Collins	237	7	50	180	7	72
Edward Breathitt	302	3	37	247	3	77
Hal Rodgers	127	2	43	82	3	67
Louie Nunn	131	3	44	91	4	47
Bert Combs Mtn.	178	3	41	134	3	65
William Natcher	195	1	52	150	1	71
Julian Carroll	154	2	38	114	2	47
Wendell Ford	377	3	71	303	3	102
TOTAL	**1,754**	**26**	**385**	**1,343**	**28**	**559**

COLLISIONS BY ROADWAY CONDITIONS AND ROADWAY CHARACTER

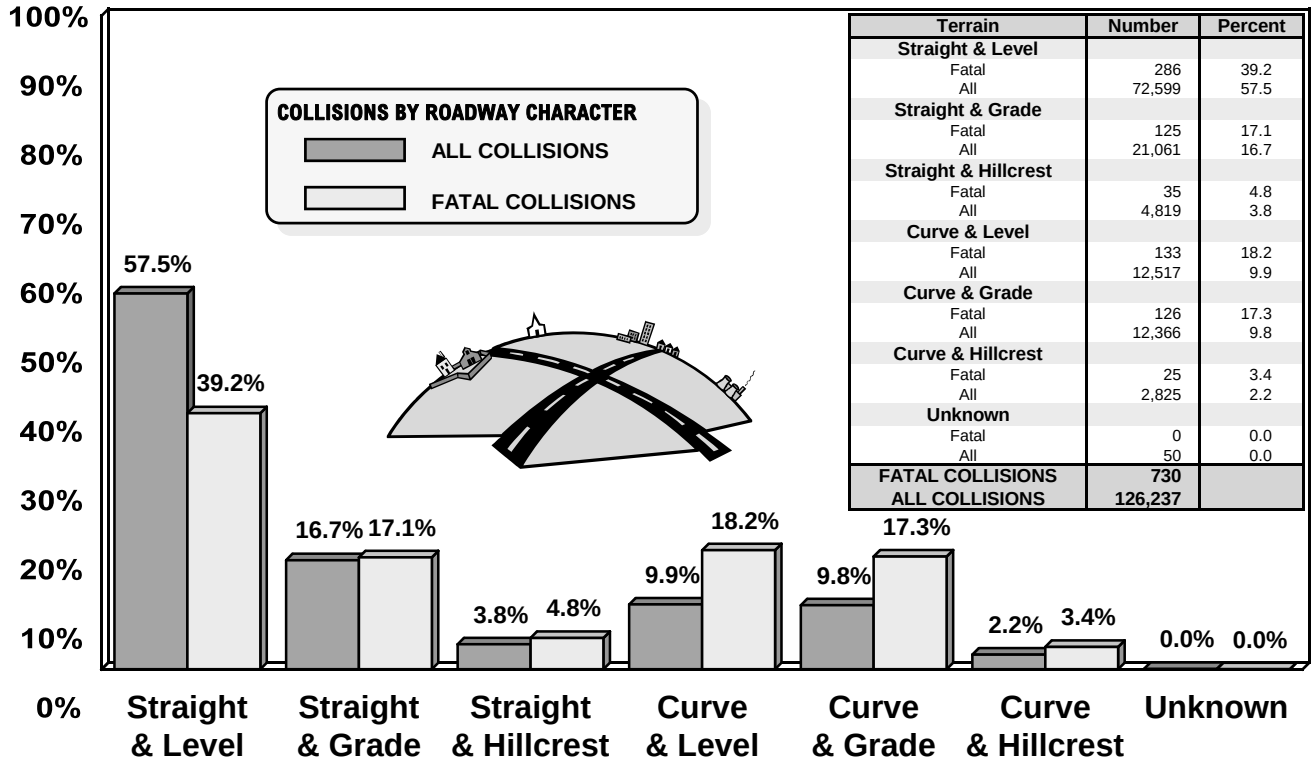
The charts below depict percentages and numbers of all collisions and fatal collisions according to the conditions and character of the roadway on which the collision occurred.

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

As depicted in the bottom chart, 78% of all collisions occurred on straight roads and 22% on curved roads. Thirty-nine (39) percent of the fatal collisions during 2009 occurred on curved roads.



Surface	Number	Percent
DRY		
Fatal	575	78.8
All	91,119	72.2
WET		
Fatal	141	19.3
All	29,729	23.6
SNOW/ICE/SLUSH		
Fatal	12	1.6
All	5,022	4.0
MUD		
Fatal	1	0.1
All	104	0.1
Not Stated		
Fatal	1	0.1
All	263	0.2
FATAL COLLISIONS	**730**	
ALL COLLISIONS	**126,237**	

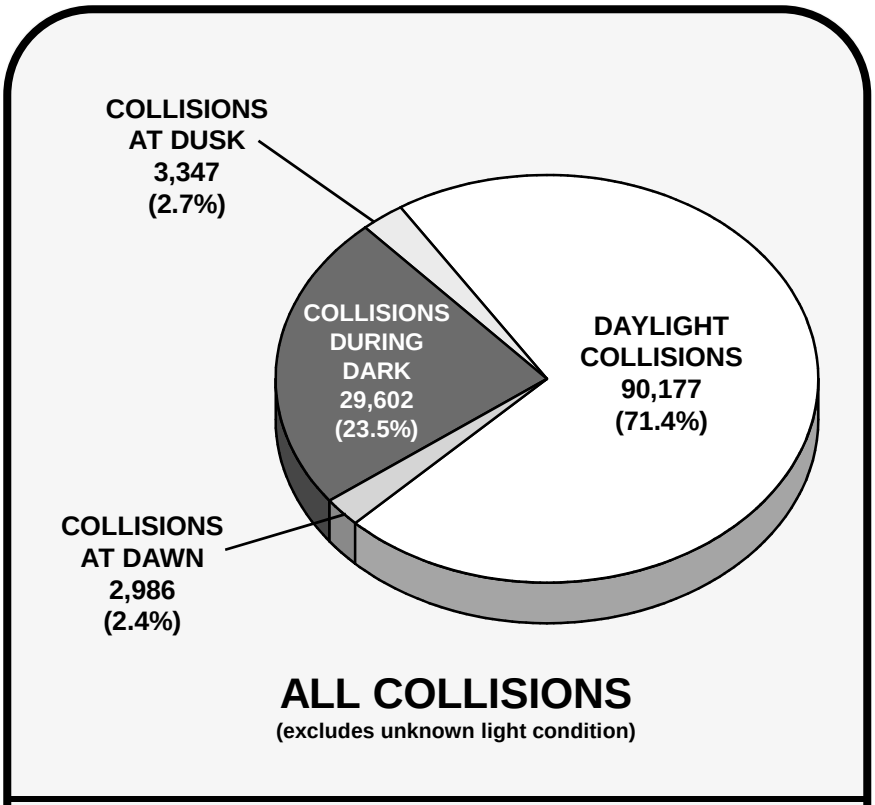


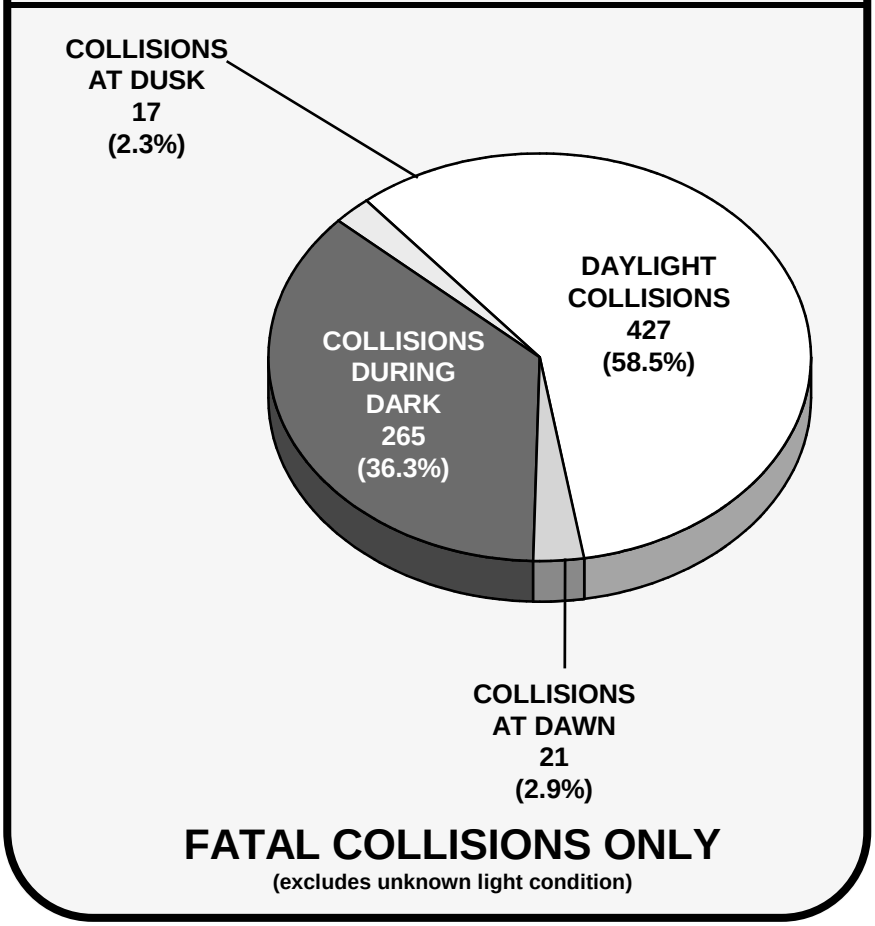
Terrain	Number	Percent
Straight & Level		
Fatal	286	39.2
All	72,599	57.5
Straight & Grade		
Fatal	125	17.1
All	21,061	16.7
Straight & Hillcrest		
Fatal	35	4.8
All	4,819	3.8
Curve & Level		
Fatal	133	18.2
All	12,517	9.9
Curve & Grade		
Fatal	126	17.3
All	12,366	9.8
Curve & Hillcrest		
Fatal	25	3.4
All	2,825	2.2
Unknown		
Fatal	0	0.0
All	50	0.0
FATAL COLLISIONS	**730**	
ALL COLLISIONS	**126,237**	

COLLISIONS BY LIGHT CONDITION

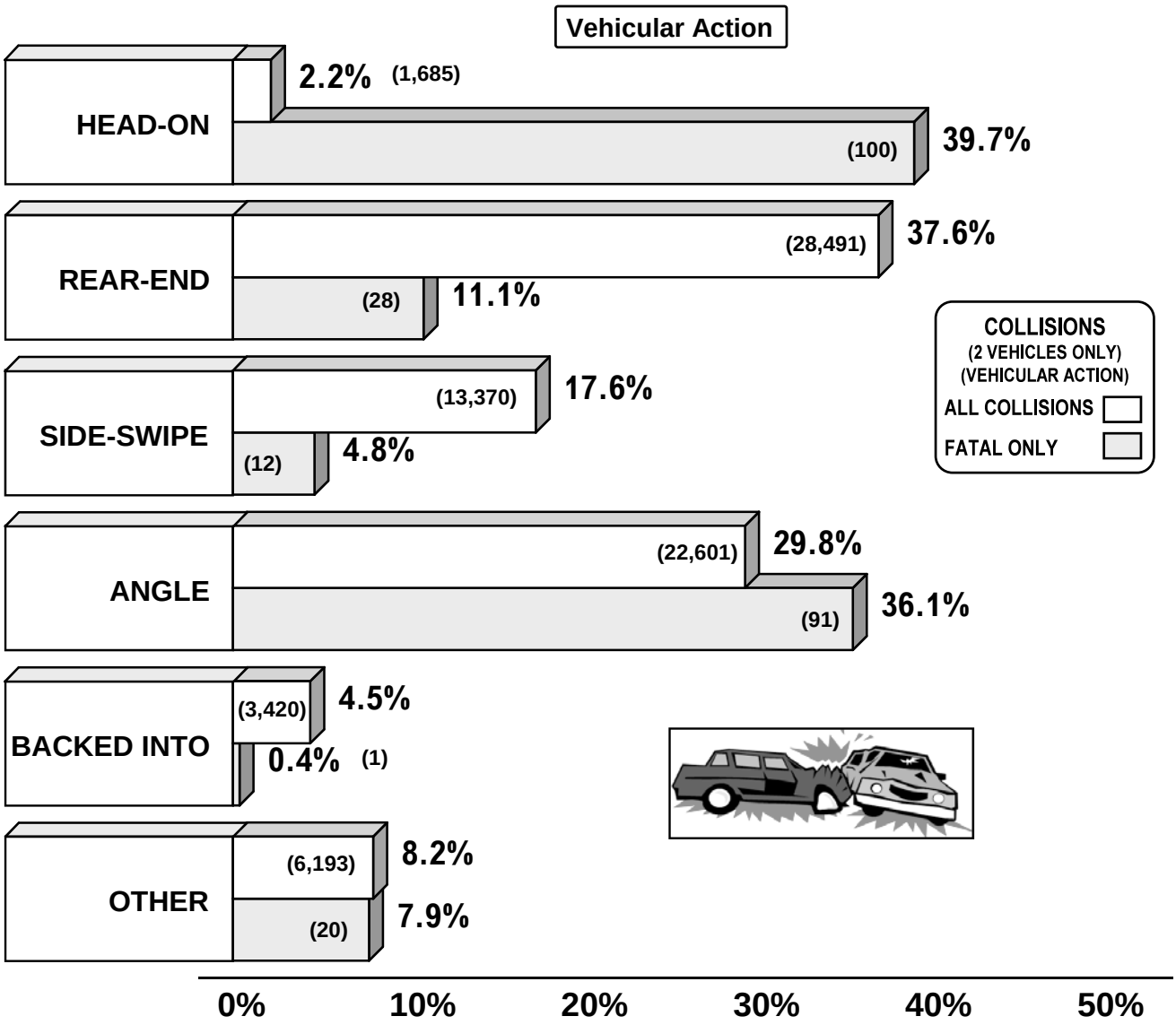
Seventy-one (71) percent of all collisions reported during 2009 occurred during daylight hours. Twenty-four (24) percent of all collisions occurred during dark hours, and 5% occurred at dawn or dusk.

Fifty-eight (58) percent of all fatal collisions occurred during daylight hours, 36% occurred during dark hours, and 5% at dawn or dusk.





TWO-VEHICLE COLLISIONS



75,760 traffic collisions (including 252 fatal collisions) reported during 2009 involved "two-vehicle" collisions. These collisions represent 60% of all collisions and 35% of fatal collisions reported.

This chart depicts the manner of collision for these collisions, where known. The numbers and percents of each type of collision are shown.

Angle collisions accounted for 30% of all collisions involving two vehicles and 36% of the fatal collisions.

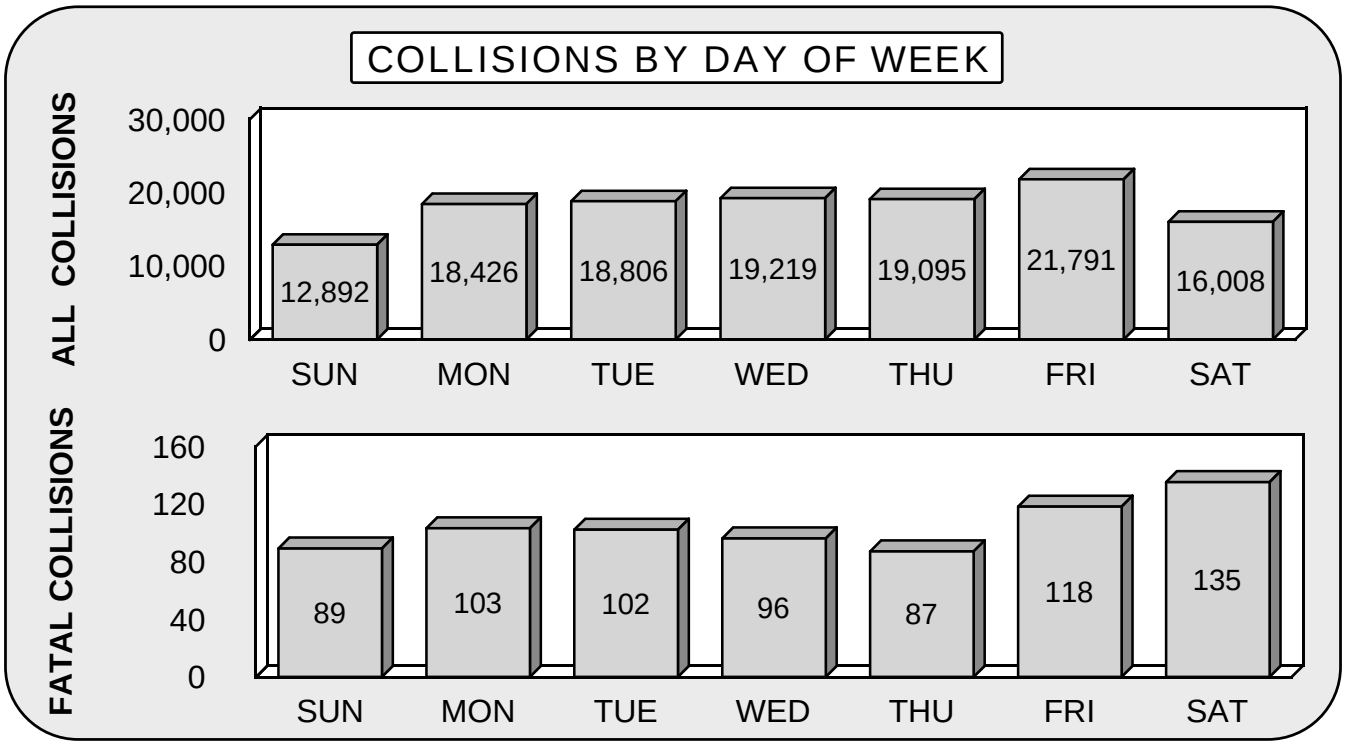
Rear-end collisions reflect 38% of all two-vehicle collisions, but only 11% of the fatal collisions.

Sideswipe collisions (both meeting and passing) reflect 18% of all collisions and 5% of the fatal collisions.

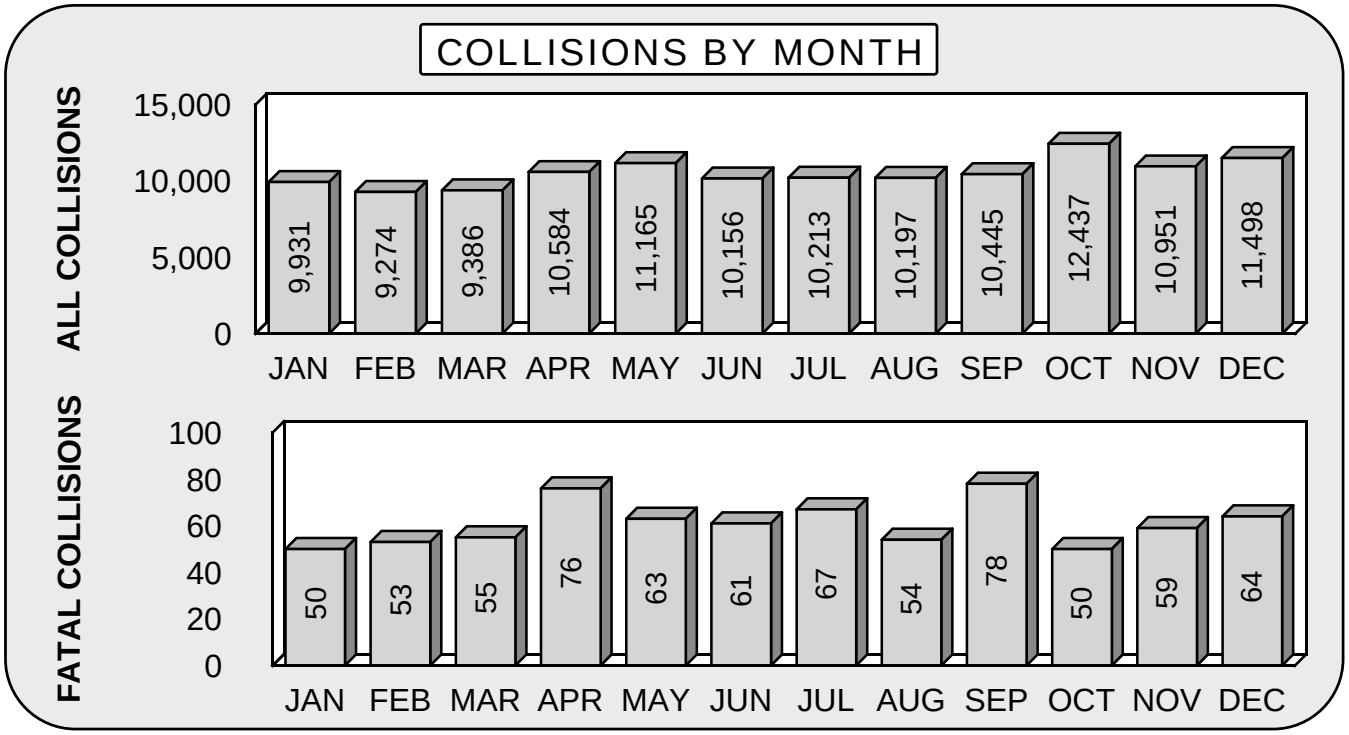
Head-on collisions, at 40%, represent the highest percentage of fatal collisions.

COLLISIONS BY DAY AND MONTH

The graph below shows all collisions and fatal collisions by day of occurrence (excluding unknown). Twenty-three (23) percent of all collisions and 31% of fatal collisions occurred on weekends (Saturday and Sunday combined).



October ranked highest for total number of collisions and February showed the lowest number of total collisions. September reported the highest number of fatal collisions; January and October showed the lowest.



HOLIDAY COLLISIONS

TOTAL DEATHS

HOLIDAY DEATH TOLL

The chart below depicts the number of deaths in fatal collisions and the number of alcohol involved deaths (as indicated by blood-alcohol tests) over holiday periods for five years. These holiday periods are established by the National Safety Council. The total number of persons killed in holiday periods in 2009 was 48 as compared to 57 in 2008.

HOLIDAY PERIOD	2005		2006		2007		2008		2009	
	Number	Alcohol Involved	Number	Alcohol Involved	Number	Alcohol Involved	Number	Alcohol Involved	Number	Alcohol Involved
NEW YEAR'S DAY	8	1	5	2	8	3	7	1	4	2
MEMORIAL DAY	7	3	16	2	8	1	5	3	9	2
INDEPENDENCE DAY	11	4	16	4	0	0	9	4	11	2
LABOR DAY	12	2	9	2	14	3	14	4	10	6
THANKSGIVING	12	3	14	3	11	3	9	3	8	2
CHRISTMAS	8	2	7	2	8	3	13	7	6	1
TOTAL	**58**	**15**	**67**	**15**	**49**	**13**	**57**	**22**	**48**	**15**

HOLIDAY TIMES AND DATES

The times and dates below were designated by the National Safety Council for holidays in 2009.

HOLIDAY	BEGIN	THROUGH
New Year's Day	6:00 p.m. Wednesday, December 31, 2008	11:59 p.m. Sunday, January 4, 2009
Memorial Day	6:00 p.m. Friday, May 22	11:59 p.m. Monday, May 25
Independence Day	6:00 p.m. Thursday, July 2	11:59 a.m. Sunday, July 5
Labor Day	6:00 p.m. Friday, September 4	11:59 p.m. Monday, September 7
Thanksgiving	6:00 p.m. Wednesday, November 25	11:59 p.m. Sunday, November 29
Christmas	6:00 p.m. Thursday, December 24	11:59 p.m. Sunday, December 27

COMPARISON OF HOLIDAY FATALITIES/COLLISIONS

The Independence Day holiday period registered the highest number of fatalities during 2009. The lowest number of holiday fatalities occurred over the New Year's Day holiday. The chart below shows relevant collision data for each of the holidays.

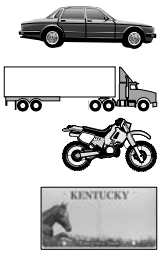
HOLIDAY PERIOD	NEW YEAR'S DAY	MEMORIAL DAY	INDEPEN-DENCE DAY	LABOR DAY	THANKS-GIVING	CHRIST-MAS
NO. PERSONS KILLED	4	9	11	10	8	6
NO. PERSONS INJURED	480	345	365	341	325	274
FATAL COLLISIONS	6	9	11	10	8	6
INJURY COLLISIONS	325	219	248	218	217	181
PROPERTY DAMAGE	1,262	654	829	731	888	641
TOTAL COLLISIONS	1,593	882	1,088	959	1,113	828

TYPE VEHICLES INVOLVED IN COLLISIONS

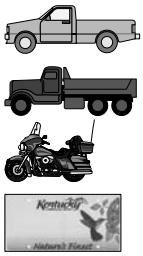
VEHICLE TYPE	VEHICLES INVOLVED IN ALL COLLISIONS	PERCENT OF TOTAL	VEHICLES INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL
Passenger Cars*	207,574	91.53	903	76.27
Taxicabs	143	0.06	0	0.00
Trucks	8,395	3.70	114	9.63
Motorcycles	1,972	0.87	88	7.43
Motor Scooters/Motor Bikes	236	0.10	3	0.25
School Buses	875	0.39	3	0.25
Other Buses	586	0.26	3	0.25
Farm Tractors/Equipment	180	0.08	1	0.08
Emergency	1,102	0.49	1	0.08
Other Public Owned	340	0.15	1	0.08
Other	5,293	2.33	0	0.00
Not Stated	89	0.04	67	5.66
TOTAL	226,785	100.00	1,184	100.00

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

There were 226,785 vehicles involved in collisions during 2009. Of this total, 181,452 were involved in property damage only collisions, 44,149 were involved in injury collisions, and 1,184 were involved in fatal collisions. The majority (92%) of the vehicles involved in all collisions were passenger cars (76% in fatal collisions). Trucks accounted for 4% of vehicles in all collisions, but accounted for 10% of vehicles in fatal collisions. Motorcycles represented 7% of the vehicles in fatal collisions, but only 1% of vehicles in all collisions.



VEHICLES REGISTERED IN KENTUCKY 2009	
PASSENGER CARS	2,731,108
COMMERCIAL TRUCKS	171,824
MOTORCYCLES	104,687
Other (Inc. Special Issue Plates)	736,914
TOTAL (ALL TYPES)	3,744,533



TRUCK COLLISIONS

Contributing vehicular factors, as noted by the investigating officer on the collision report, are shown below for collisions involving trucks. A truck is defined as a vehicle with a registered weight of 10,000 pounds or more. Up to two factors may be noted for each vehicle in the collision. The number represents the number of trucks with the given factor, and the percentage is the percent of all trucks with that factor. ***A total of 8,395 trucks were involved in collisions, 114 in fatal collisions, and 1,358 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
Load Securement	149	1.77	3	2.63	16	1.18
Tire Failure	104	1.24	1	0.88	18	1.33
Brakes Defective	67	0.80	3	2.63	11	0.81
Oversized Load on Vehicle	19	0.23	0	0.00	8	0.59
Tow Hitch Defective / Separation of Units	70	0.83	0	0.00	3	0.22
Other Lighting Defective	33	0.39	1	0.88	10	0.74
Overweight	55	0.66	1	0.88	3	0.22
Steering Failure	19	0.23	0	0.00	4	0.29
Headlights Defective	4	0.05	0	0.00	1	0.07
Other	299	3.56	7	6.14	32	2.36

The chart below shows the total number of truck collisions, as well as those with hazardous cargo, by type of roadway. ***There were 7,902 collisions in which a truck was involved. This resulted in 116 fatalities and 1,882 injuries.*** Twenty-one (21) percent of all truck collisions occurred on county or city streets, 22% on interstates, and 52% on U.S. and state-numbered routes. Twenty-five (25) percent of the hazardous cargo collisions occurred on interstates and 61% 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	31	330	1,406	1,767	2	7	29	38
US Route	32	335	1,410	1,777	1	10	31	42
State Route	31	447	1,844	2,322	0	16	36	52
Parkway	7	53	159	219	2	2	3	7
County	2	38	383	423	0	0	2	2
City Street	1	73	1,150	1,224	0	1	7	8
Other	1	16	153	170	0	1	5	6
TOTAL	105	1,292	6,505	7,902	5	37	113	155

The residence of truck drivers involved in collisions is shown below. Twenty-five (25) percent of the drivers, with known residences, were non-residents of Kentucky. This percentage is 30% for fatal collisions and 22% 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	1,937	17	282
State Resident	2,426	27	417
Out of State Resident	2,083	34	303
Not Stated	1,949	36	356
TOTAL	**8,395**	**114**	**1,358**

DRIVER INVOLVEMENT

RESIDENCE OF DRIVER

There were 207,618 drivers involved in collisions during 2009. Of these, 1,110 drivers were involved in fatal collisions. The chart below tabulates driver involvement by residence and shows that most drivers (67% of those in which residence is known) were local residents (reside in the county where the collision occurred). Many drivers in the unknown category are the result of hit-and-run collisions where the drivers' identities remain unknown. There are fewer drivers than vehicles because of collisions with unoccupied vehicles (generally a parked vehicle).

INVOLVEMENT BY RESIDENCE

RESIDENCE OF DRIVER	NUMBER INVOLVED IN ALL COLLISIONS	PERCENT OF TOTAL	PERCENT OF TOTAL EXCLUDING NOT STATED
LOCAL RESIDENT	138,825	66.9	67.1
STATE RESIDENT	50,536	24.3	24.4
OUT OF STATE	17,603	8.5	8.5
NOT STATED	654	0.3	
TOTAL	**207,618**	**100.0**	**100.0**

RESIDENCE OF DRIVER	NUMBER INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL	PERCENT OF TOTAL EXCLUDING NOT STATED
LOCAL RESIDENT	640	57.7	57.7
STATE RESIDENT	331	29.8	29.8
OUT OF STATE	139	12.5	12.5
NOT STATED	0	0.0	
TOTAL	**1,110**	**100.0**	**100.0**

SEX OF DRIVER

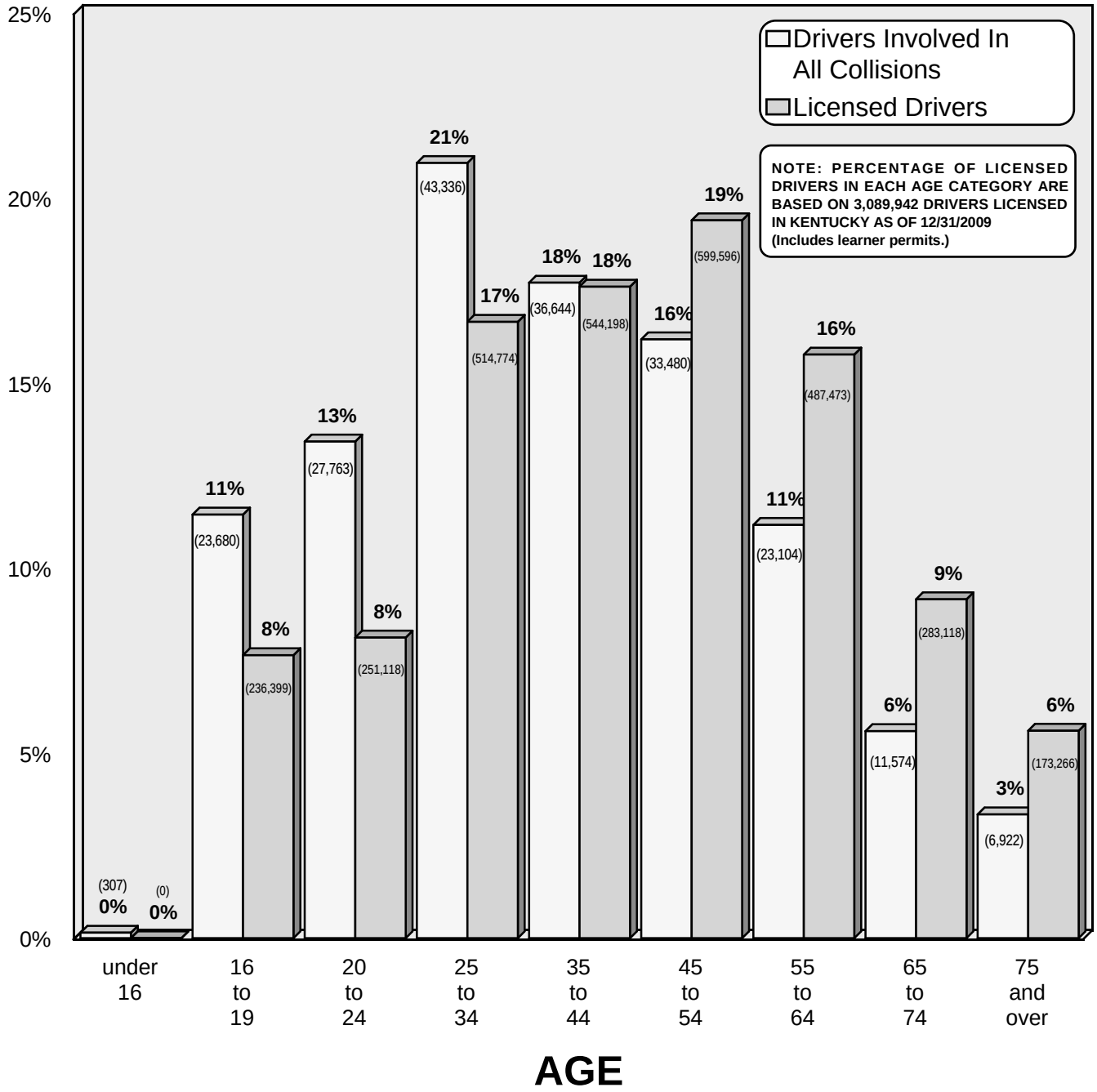
As shown in the chart below, 55% of the drivers who were involved in collisions during 2009 (where sex was listed) were male; 45% were female. In fatal collisions, 74% of the drivers were male and 26% were female.

TOTAL COLLISIONS		
SEX	NUMBER IN ALL COLLISIONS	PERCENT IN ALL COLLISIONS
MALE	115,141	55.5
FEMALE	92,475	44.5
TOTAL	207,616	100.0

FATAL COLLISIONS		
SEX	NUMBER IN FATAL COLLISIONS	PERCENT IN FATAL COLLISIONS
MALE	818	73.7
FEMALE	292	26.3
TOTAL	1,110	100.0

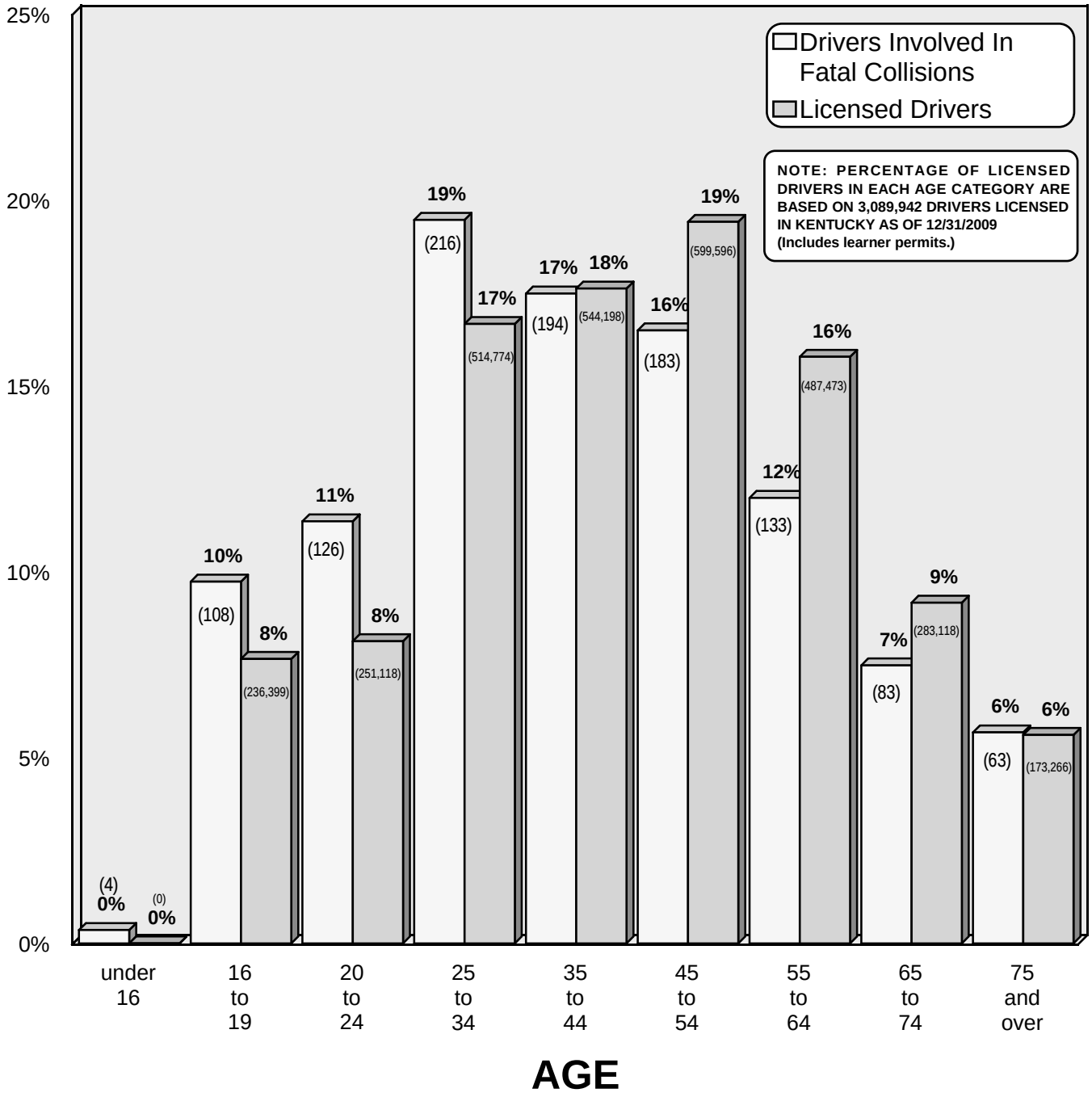
AGE OF DRIVER
(ALL COLLISIONS)

The chart below groups the ages of 206,810 drivers involved in traffic collisions in 2009 in Kentucky (for which age information was available). For each age category, the following information is shown: the percentage of drivers involved in all collisions, the number of drivers involved in these collisions is shown in parentheses, the percentage of all licensed drivers, and the number of licensed drivers is shown in parentheses (includes learner permits). This allows a comparison to be made between the percentage of a given age category of the driving population and the corresponding percentage this age category is involved in collisions. The percentage of drivers involved in all collisions was higher than the percentage of licensed drivers for the age categories under age 35, especially for the 16 to 19 years of age category. This data does not differentiate drivers "at-fault" versus drivers "not-at-fault." There were 808 driver's ages which could not be determined. These drivers represent 0.4% of all drivers involved in all collisions. The percentages given below do not consider the "Unknown" category.



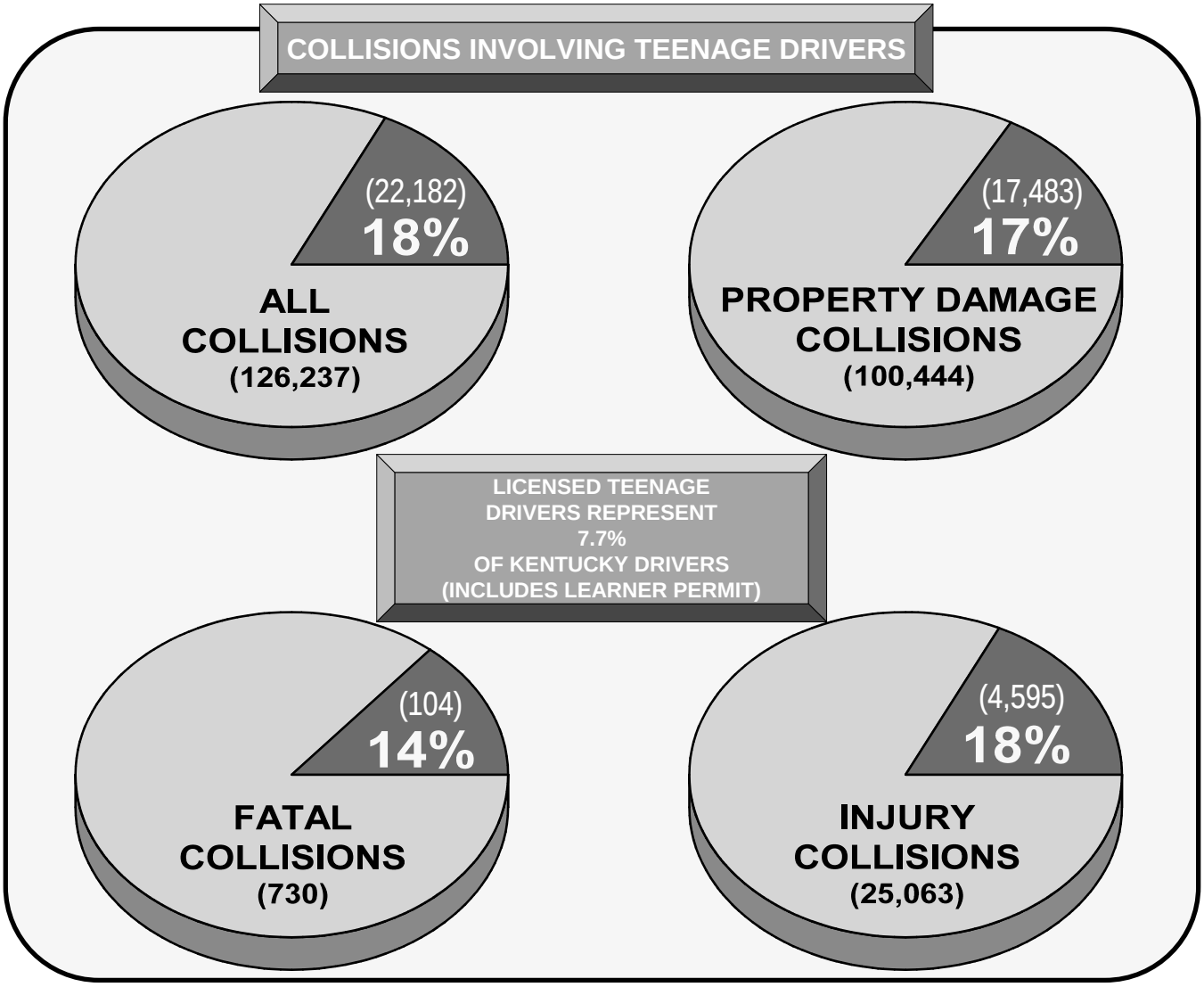
AGE OF DRIVER
(FATAL COLLISIONS)

The chart below groups the ages of 1,110 drivers involved in fatal collisions in 2009 (for which age information was available). It should be noted that the drivers were not necessarily killed in the fatal collision. The number of drivers involved in fatal collisions exceeded the total number of fatal collisions. The numbers of drivers involved in fatal collisions and licensed drivers are in parentheses. The percentage of the driving population within a given age category can be compared to the corresponding percentage of involvement in fatal collisions within this same age category. The largest difference is the over-representation of teenage drivers in fatal collisions (10%) compared to their percent of the driving population (7.7%) including learner permits).



COLLISIONS INVOLVING TEENAGE DRIVERS

The percentages of teenage drivers (16 to 19 years of age versus other groups) involved in collisions during 2009 (by type) are shown below, irrespective of the driver at fault in the collisions reported. The numbers of collisions involving teenage drivers are also shown.



The number of teenage drivers involved in collisions, together with alcohol-related collisions, are shown below. It should be noted that tabulations for alcohol-related collisions were derived from the total number of drinking drivers as reported by the officer at the scene. FARS would report higher numbers. As shown, 430 teenage drivers were involved in alcohol-related collisions during 2009. **There were 111 fatalities in collisions involving a teenage driver (47 of these fatalities were the teenage driver). There were 16 fatalities in alcohol-related collisions involving teenage drivers (5 of these fatalities were the teenage driver).**

NUMBER OF TEENAGE DRIVERS INVOLVED IN:								
					ALCOHOL RELATED COLLISIONS			
YEAR	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE	FATAL	INJURY	PROPERTY DAMAGE	TOTAL
2009	23,680	108	4,851	18,721	14	135	281	430
2008	22,990	87	4,864	18,039	4	173	275	452
2007	24,781	112	5,338	19,331	11	201	307	519
2006	26,842	127	6,146	20,569	13	243	337	593

ALCOHOL-RELATED COLLISIONS

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

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

ALL COLLISIONS	
FATAL COLLISIONS	186
INJURY COLLISIONS	1,778
PROPERTY DAMAGE COLLISIONS	3,074
TOTAL	5,038

PERSONS KILLED/INJURED	
NUMBER KILLED	203
NUMBER INJURED	2,652
INCAPACITATING INJURIES	556
NON-INCAPACITATING INJURIES	1,050
POSSIBLE INJURIES	1,046

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

5,038 alcohol-related collisions were reported during 2009. 4% of the alcohol-related collisions were fatal, 35% were injury collisions, and 61% were property damage only.

Comparison with previous years

During 2009, alcohol-related collisions increased slightly by 0.2% when compared to 2008. The 203 persons killed in 2009 was 43 more the 160 persons killed in 2008. During 2009, there were 2,652 persons injured in alcohol-related collisions, a decrease of 4% from 2008 when 2,754 persons were injured.

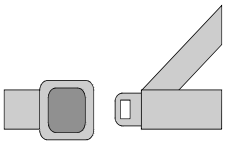
Fatal collision data in the chart below have been adjusted to reflect follow-up studies of alcohol test results.

YEAR	TOTAL COLLISIONS (Alcohol Related)	% CHANGE FROM PREVIOUS YEAR	TOTAL KILLED	% +/-	TOTAL INJURED	% +/-
2009	5,038	0	203	+27	2,652	-4
2008	5,029	-3	160	-22	2,754	-4
2007	5,189	-3	204	+9	2,866	-8
2006	5,372	-2	188	-15	3,107	-4
2005	5,458	-3	220	+11	3,237	-7
2004	5,629	+1	199	+12	3,476	-3
2003	5,573	-5	178	-15	3,585	-10

SAFETY RESTRAINTS

The chart below compares safety belt usage for the years of 2005 through 2009. The data were obtained as part of an annual observational survey conducted at sites across Kentucky (200 in 2005 through 2008 and 160 in 2009). Data for children under four years of age were collected in both the front and rear seats.

YEAR	PERCENT USING SAFETY BELTS	
	ALL FRONT SEAT DRIVERS & PASSENGERS	CHILDREN UNDER FOUR YEARS OF AGE
2009	80	99
2008	73	98
2007	72	98
2006	67	94
2005	67	94



The chart below shows vehicle occupants by their injury status, and separates the occupants into categories of restraint used and restraint not used. Overall, 10% of all vehicle occupants were killed or injured. A breakdown into restraint usage shows only 11% of those restrained were killed or injured, compared to 50% of those not restrained. Comparing the percentages killed or injured in the "Restraint Used" and "Restraint Not Used" categories shows the benefit of wearing a safety belt. The "NOT APPLICABLE" category includes occupants in vehicles that normally do not contain safety restraints, occupants where safety restraints usage was not indicated, occupants not in an appropriate position, or pedestrians and pedalcyclist.

INJURY STATUS	ALL OCCUPANTS		RESTRAINT USED		RESTRAINT NOT USED		NOT APPLICABLE	
	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL
KILLED	791	0.2	273	0.1	356	4.1	162	0.2
INCAPACITATING INJURY	4,491	1.2	2,881	1.0	886	10.2	724	0.8
NON-INCAPACITATING INJURY	12,906	3.4	10,013	3.5	1,549	17.9	1,344	1.6
POSSIBLE INJURY	20,001	5.3	17,228	6.0	1,494	17.3	1,279	1.5
NOT INJURED	342,053	90.0	254,560	89.3	4,360	50.4	83,133	96.0
TOTAL	**380,242**	**100.0**	**284,955**	**100.0**	**8,645**	**100.0**	**86,642**	**100.0**

Of the 629 vehicle occupants fatally injured in collisions in 2009 in a position where a safety restraint was available, only 273 were using safety restraints - an overall usage rate of 43% for fatalities.

Note: There were 16,615 crashes involving deployment of front air bags and 1,437 crashes involving side air bag deployment.

INTERSECTION COLLISIONS

INTERSECTION COLLISIONS	NUMBER	% OF ALL COLLISIONS
ALL REPORTED	32,204	25.5
NONFATAL INJURY	6,766	27.0
FATAL	84	11.5

SEX OF DRIVER

INTERSECTION COLLISIONS		
SEX	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
MALE	53.4	72.8
FEMALE	46.6	27.2

ALL COLLISIONS		
SEX	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
MALE	55.5	73.7
FEMALE	44.5	26.3

LIGHT CONDITION

INTERSECTION COLLISIONS		
LIGHT CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Daylight	76.3	65.4
Dark	19.1	29.8
Dusk / Dawn	4.6	4.8

ALL COLLISIONS		
LIGHT CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Daylight	71.5	58.5
Dark	23.5	36.3
Dusk / Dawn	5.0	5.2

ROADWAY CONDITION

INTERSECTION COLLISIONS		
ROADWAY CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Dry	75.9	81.0
Wet	22.0	19.0
Snow/Ice/Slush	2.0	0.0

ALL COLLISIONS		
ROADWAY CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Dry	72.4	78.8
Wet	23.6	19.3
Snow/Ice/Slush	4.0	1.9

WEEKEND COLLISIONS

INTERSECTION COLLISIONS		
	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Weekend	21.4	31.0

ALL COLLISIONS		
	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Weekend	22.9	30.7

(Weekend includes Saturday and Sunday)

CONTRIBUTING FACTORS

CONTRIBUTING FACTORS

A variety of factors and conditions can contribute to a collision. Police officers may indicate up to three driver factors for each driver, two vehicular factors for each vehicle, and up to two environmental factors for each collision. This table gives the number of collisions in which a given factor was listed at least once. Accumulations were made only once for each factor indicated in a collision, even if the factor was listed for more than one driver or vehicle. Therefore, the percentages give the percent of collisions in which a given factor is listed.

HUMAN FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Inattention	50,768	40.22	177	24.25
Not Under Proper Control	17,565	13.91	267	36.58
Failed to Yield Right of Way	14,133	11.20	95	13.01
Misjudge Clearance	7,160	5.67	12	1.64
Following Too Close	7,083	5.61	1	0.14
Too Fast for Conditions	5,934	4.70	46	6.30
Distraction	5,562	4.41	16	2.19
Alcohol Involvement	4,984	3.95	132	18.08
Overcorrecting/Oversteering	3,971	3.15	111	15.21
Disregard Traffic Control	3,695	2.93	31	4.25
Turning Improperly	1,837	1.46	4	0.55
Drug Involvement	1,414	1.12	30	4.11
Exceeded Stated Speed Limit	1,344	1.06	77	10.55
Improper Backing	1,330	1.05	2	0.27
Fell Asleep	1,210	0.96	17	2.33
Improper Passing	1,049	0.83	4	0.55
Cell Phone	1,036	0.82	9	1.23
Lost Consciousness/Fainted	690	0.55	8	1.10
Emotional	592	0.47	5	0.68
Fatigue	531	0.42	10	1.37
Sick	333	0.26	7	0.96
Medication	287	0.23	4	0.55
Physical Disability	191	0.15	5	0.68
Weaving in Traffic	151	0.12	4	0.55

CONTRIBUTING FACTORS
(cont'd)

A variety of factors and conditions can contribute to a collision. Police officers may indicate up to three driver factors for each driver, two vehicular factors for each vehicle, and up to two environmental factors for each collision. This table gives the number of collisions in which a given factor was listed at least once. Accumulations were made only once for each factor indicated in a collision, even if the factor was listed for more than one driver or vehicle. Therefore, the percentages give the percent of collisions in which a given factor is listed.

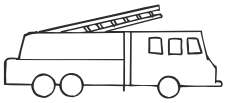
VEHICULAR FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Brakes Defective	1,397	1.11	3	0.41
Tire Failure	874	0.69	6	0.82
Steering Failure	357	0.28	0	0.00
Load Securement	300	0.24	3	0.41
Tow Hitch Defective / Separation of Units	131	0.10	0	0.00
Oversized Load on Vehicle	115	0.09	0	0.00
Other Lighting Defective	101	0.08	3	0.41
Headlights Defective	54	0.04	1	0.14
Overweight	29	0.02	1	0.14

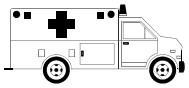
ENVIRONMENTAL FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Slippery Surface	15,377	12.18	76	10.41
Animals Action	5,048	4.00	4	0.55
View Obstructed / Limited	2,842	2.25	20	2.74
Water Pooling	1,774	1.41	11	1.51
Glare	913	0.72	7	0.96
Debris In Roadway	701	0.56	3	0.41
Construction Work Zone	524	0.42	8	1.10
Improperly Parked Vehicle(s)	365	0.29	3	0.41
Shoulders Defective / Drop-off	328	0.26	5	0.68
Hole/Deep Ruts/Bumps	162	0.13	2	0.27
Maintenance / Utility Work Zone	144	0.11	1	0.14
Improper / Non-Working Traffic Controls	97	0.08	0	0.00
Fixed Object(s)	59	0.05	0	0.00

CONTRIBUTING FACTORS

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. Any factor cannot be accumulated more than once in one collision. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING EMERGENCY VEHICLES	
TOTAL EMERGENCY VEHICLE COLLISIONS	1,068
FATAL COLLISIONS	1
INJURY COLLISIONS	167
TOTAL KILLED	1
TOTAL INJURED	251





EMERGENCY VEHICLE COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	27	2.53	0	0.00
Cell Phone	4	0.37	0	0.00
Disregard Traffic Control	20	1.87	0	0.00
Distraction	38	3.56	0	0.00
Drug Involvement	10	0.94	0	0.00
Emotional	4	0.37	0	0.00
Exceeded Stated Speed Limit	10	0.94	0	0.00
Failed to Yield Right of Way	74	6.93	0	0.00
Fatigue	1	0.09	0	0.00
Fell Asleep	0	0.00	0	0.00
Following Too Close	21	1.97	0	0.00
Improper Backing	7	0.66	0	0.00
Improper Passing	8	0.75	0	0.00
Inattention	236	22.10	0	0.00
Lost Consciousness/Fainted	6	0.56	0	0.00
Medication	3	0.28	0	0.00
Misjudge Clearance	96	8.99	0	0.00
Not Under Proper Control	63	5.90	0	0.00
Overcorrecting/Oversteering	8	0.75	0	0.00
Physical Disability	1	0.09	0	0.00
Sick	2	0.19	0	0.00
Too Fast for Conditions	24	2.25	0	0.00
Turning Improperly	17	1.59	0	0.00
Weaving in Traffic	1	0.09	0	0.00

COLLISIONS INVOLVING FARM EQUIPMENT	
TOTAL FARM EQUIPMENT COLLISIONS	180
FATAL COLLISIONS	1
INJURY COLLISIONS	36
TOTAL KILLED	1
TOTAL INJURED	55

FARM EQUIPMENT COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	2	1.11	0	0.00
Cell Phone	0	0.00	0	0.00
Disregard Traffic Control	1	0.56	0	0.00
Distraction	4	2.22	0	0.00
Drug Involvement	1	0.56	0	0.00
Emotional	0	0.00	0	0.00
Exceeded Stated Speed Limit	0	0.00	0	0.00
Failed to Yield Right of Way	22	12.22	0	0.00
Fatigue	0	0.00	0	0.00
Fell Asleep	0	0.00	0	0.00
Following Too Close	3	1.67	0	0.00
Improper Backing	1	0.56	0	0.00
Improper Passing	18	10.00	0	0.00
Inattention	64	35.56	1	100.00
Lost Consciousness/Fainted	1	0.56	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	11	6.11	0	0.00
Not Under Proper Control	21	11.67	0	0.00
Overcorrecting/Oversteering	4	2.22	0	0.00
Physical Disability	0	0.00	0	0.00
Sick	0	0.00	0	0.00
Too Fast for Conditions	2	1.11	0	0.00
Turning Improperly	2	1.11	0	0.00
Weaving in Traffic	1	0.56	0	0.00

CONTRIBUTING FACTORS (cont'd)

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. Any factor cannot be accumulated more than once in one collision. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING SCHOOL BUSES	
TOTAL SCHOOL BUS COLLISIONS	855
FATAL COLLISIONS	3
INJURY COLLISIONS	91
TOTAL KILLED	4
TOTAL INJURED	231

SCHOOL BUS COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	2	0.23	0	0.00
Cell Phone	0	0.00	0	0.00
Disregard Traffic Control	15	1.75	0	0.00
Distraction	31	3.63	0	0.00
Drug Involvement	0	0.00	0	0.00
Emotional	0	0.00	0	0.00
Exceeded Stated Speed Limit	0	0.00	0	0.00
Failed to Yield Right of Way	46	5.38	0	0.00
Fatigue	0	0.00	0	0.00
Fell Asleep	2	0.23	0	0.00
Following Too Close	23	2.69	0	0.00
Improper Backing	7	0.82	0	0.00
Improper Passing	1	0.12	0	0.00
Inattention	209	24.44	1	33.33
Lost Consciousness/Fainted	1	0.12	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	164	19.18	0	0.00
Not Under Proper Control	44	5.15	0	0.00
Overcorrecting/Oversteering	5	0.58	0	0.00
Physical Disability	0	0.00	0	0.00
Sick	1	0.12	0	0.00
Too Fast for Conditions	8	0.94	0	0.00
Turning Improperly	8	0.94	0	0.00
Weaving in Traffic	0	0.00	0	0.00

COLLISIONS INVOLVING ELEMENTARY SCHOOL AGE CHILDREN	
TOTAL ELEM. SCHOOL AGE CHILDREN COLLISIONS	9,006
FATAL COLLISIONS	49
INJURY COLLISIONS	2,298
TOTAL KILLED	
ALL AGES	56
6-12 YEARS OF AGE	8
TOTAL INJURED	
ALL AGES	4,953
6-12 YEARS OF AGE	1,527

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	103	1.14	3	6.12
Cell Phone	58	0.64	0	0.00
Disregard Traffic Control	262	2.91	1	2.04
Distraction	400	4.44	2	4.08
Drug Involvement	48	0.53	0	0.00
Emotional	15	0.17	0	0.00
Exceeded Stated Speed Limit	29	0.32	1	2.04
Failed to Yield Right of Way	859	9.54	9	18.37
Fatigue	16	0.18	1	2.04
Fell Asleep	22	0.24	0	0.00
Following Too Close	440	4.89	0	0.00
Improper Backing	55	0.61	1	2.04
Improper Passing	59	0.66	0	0.00
Inattention	3,123	34.68	17	34.69
Lost Consciousness/Fainted	33	0.37	0	0.00
Medication	15	0.17	0	0.00
Misjudge Clearance	379	4.21	0	0.00
Not Under Proper Control	750	8.33	14	28.57
Overcorrecting/Oversteering	99	1.10	3	6.12
Physical Disability	5	0.06	0	0.00
Sick	11	0.12	0	0.00
Too Fast for Conditions	222	2.47	2	4.08
Turning Improperly	120	1.33	1	2.04
Weaving in Traffic	3	0.03	0	0.00

CONTRIBUTING FACTORS (cont'd)

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. Any factor cannot be accumulated more than once in one collision. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING PEDESTRIAN	
COLLISIONS INVOLVING PEDESTRIANS	936
FATAL COLLISIONS	39
INJURY COLLISIONS	769
TOTAL KILLED	39
TOTAL INJURED	851

PEDESTRIAN COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	18	1.92	2	5.13
Cell Phone	3	0.32	0	0.00
Disregard Traffic Control	12	1.28	0	0.00
Distraction	22	2.35	0	0.00
Drug Involvement	8	0.85	0	0.00
Emotional	11	1.18	0	0.00
Exceeded Stated Speed Limit	5	0.53	2	5.13
Failed to Yield Right of Way	61	6.52	0	0.00
Fatigue	0	0.00	0	0.00
Fell Asleep	1	0.11	0	0.00
Following Too Close	0	0.00	0	0.00
Improper Backing	6	0.64	0	0.00
Improper Passing	3	0.32	0	0.00
Inattention	183	19.55	3	7.69
Lost Consciousness/Fainted	1	0.11	0	0.00
Medication	1	0.11	0	0.00
Misjudge Clearance	13	1.39	1	2.56
Not Under Proper Control	31	3.31	1	2.56
Overcorrecting/Oversteering	1	0.11	0	0.00
Physical Disability	2	0.21	0	0.00
Sick	0	0.00	0	0.00
Too Fast for Conditions	9	0.96	1	2.56
Turning Improperly	3	0.32	0	0.00
Weaving in Traffic	2	0.21	0	0.00

COLLISIONS INVOLVING BICYCLES	
TOTAL BICYCLE COLLISIONS	428
FATAL COLLISIONS	5
INJURY COLLISIONS	290
TOTAL KILLED	5
TOTAL INJURED	302

BICYCLE COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	7	1.64	1	20.00
Cell Phone	1	0.23	0	0.00
Disregard Traffic Control	3	0.70	0	0.00
Distraction	5	1.17	0	0.00
Drug Involvement	0	0.00	0	0.00
Emotional	3	0.70	0	0.00
Exceeded Stated Speed Limit	1	0.23	1	20.00
Failed to Yield Right of Way	33	7.71	0	0.00
Fatigue	0	0.00	0	0.00
Fell Asleep	0	0.00	0	0.00
Following Too Close	2	0.47	0	0.00
Improper Backing	0	0.00	0	0.00
Improper Passing	1	0.23	0	0.00
Inattention	80	18.69	1	20.00
Lost Consciousness/Fainted	0	0.00	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	10	2.34	0	0.00
Not Under Proper Control	5	1.17	1	20.00
Overcorrecting/Oversteering	0	0.00	0	0.00
Physical Disability	1	0.23	0	0.00
Sick	0	0.00	0	0.00
Too Fast for Conditions	1	0.23	0	0.00
Turning Improperly	2	0.47	0	0.00
Weaving in Traffic	0	0.00	0	0.00

CONTRIBUTING FACTORS (cont'd)

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. Any factor cannot be accumulated more than once in one collision. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING ALL TERRAIN VEHICLES	
TOTAL ALL TERRAIN VEHICLE COLLISIONS	251
FATAL COLLISIONS	17
INJURY COLLISIONS	154
TOTAL KILLED	17
ATV	17
HELMET USED	1
TOTAL INJURED (ATV)	209
HELMET USED	14

ALL TERRAIN VEHICLES

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	49	19.52	3	17.65
Cell Phone	0	0.00	0	0.00
Disregard Traffic Control	3	1.20	0	0.00
Distraction	10	3.98	0	0.00
Drug Involvement	15	5.98	1	5.88
Emotional	0	0.00	0	0.00
Exceeded Stated Speed Limit	2	0.80	1	5.88
Failed to Yield Right of Way	18	7.17	0	0.00
Fatigue	0	0.00	0	0.00
Fell Asleep	0	0.00	0	0.00
Following Too Close	2	0.80	0	0.00
Improper Backing	1	0.40	1	5.88
Improper Passing	3	1.20	0	0.00
Inattention	67	26.69	1	5.88
Lost Consciousness/Fainted	1	0.40	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	7	2.79	0	0.00
Not Under Proper Control	117	46.61	14	82.35
Overcorrecting/Oversteering	6	2.39	1	5.88
Physical Disability	0	0.00	0	0.00
Sick	0	0.00	0	0.00
Too Fast for Conditions	15	5.98	0	0.00
Turning Improperly	6	2.39	0	0.00
Weaving in Traffic	0	0.00	0	0.00

COLLISIONS INVOLVING MOTORCYCLES	
TOTAL MOTORCYCLES COLLISIONS	1,915
FATAL COLLISIONS	85
INJURY COLLISIONS	1,240
TOTAL KILLED	89
MOTORCYCLIST	88
HELMET USED	41
NO HELMET	47
TOTAL INJURED	1,475

MOTORCYCLE COLLISIONS

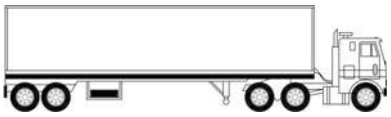
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	93	4.86	13	15.48
Cell Phone	3	0.16	0	0.00
Disregard Traffic Control	26	1.36	3	3.57
Distraction	56	2.92	1	1.19
Drug Involvement	17	0.89	3	3.57
Emotional	4	0.21	0	0.00
Exceeded Stated Speed Limit	77	4.02	10	11.90
Failed to Yield Right of Way	198	10.34	16	19.05
Fatigue	0	0.00	0	0.00
Fell Asleep	2	0.10	0	0.00
Following Too Close	41	2.14	0	0.00
Improper Backing	9	0.47	1	1.19
Improper Passing	23	1.20	1	1.19
Inattention	531	27.73	31	36.90
Lost Consciousness/Fainted	8	0.42	0	0.00
Medication	2	0.10	0	0.00
Misjudge Clearance	48	2.51	3	3.57
Not Under Proper Control	449	23.45	30	35.71
Overcorrecting/Oversteering	37	1.93	3	3.57
Physical Disability	5	0.26	1	1.19
Sick	0	0.00	0	0.00
Too Fast for Conditions	41	2.14	1	1.19
Turning Improperly	28	1.46	0	0.00
Weaving in Traffic	2	0.10	0	0.00

CONTRIBUTING FACTORS (cont'd)

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. Any factor cannot be accumulated more than once in one collision. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING TRUCKS*	
TOTAL TRUCK COLLISIONS	7,902
FATAL COLLISIONS	105
INJURY COLLISIONS	1,292
TOTAL KILLED	116
TOTAL INJURED	1,882

*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	87	1.10	7	6.67
Cell Phone	17	0.22	2	1.90
Disregard Traffic Control	133	1.68	9	8.57
Distraction	131	1.66	2	1.90
Drug Involvement	45	0.57	2	1.90
Emotional	11	0.14	1	0.95
Exceeded Stated Speed Limit	31	0.39	1	0.95
Failed to Yield Right of Way	507	6.42	15	14.29
Fatigue	37	0.47	1	0.95
Fell Asleep	68	0.86	2	1.90
Following Too Close	219	2.77	1	0.95
Improper Backing	81	1.03	0	0.00
Improper Passing	91	1.15	0	0.00
Inattention	2,027	25.65	22	20.95
Lost Consciousness/Fainted	33	0.42	1	0.95
Medication	4	0.05	0	0.00
Misjudge Clearance	856	10.83	2	1.90
Not Under Proper Control	730	9.24	30	28.57
Overcorrecting/Oversteering	135	1.71	8	7.62
Physical Disability	4	0.05	1	0.95
Sick	13	0.16	1	0.95
Too Fast for Conditions	186	2.35	3	2.86
Turning Improperly	129	1.63	2	1.90
Weaving in Traffic	9	0.11	3	2.86

COLLISIONS INVOLVING TRAINS	
TOTAL TRAIN COLLISIONS	49
FATAL COLLISIONS	1
INJURY COLLISIONS	15
TOTAL KILLED	1
TOTAL INJURED	19

TRAIN COLLISIONS

DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	1	2.04	0	0.00
Cell Phone	1	2.04	0	0.00
Disregard Traffic Control	6	12.24	1	100.00
Distraction	2	4.08	0	0.00
Drug Involvement	0	0.00	0	0.00
Emotional	0	0.00	0	0.00
Exceeded Stated Speed Limit	0	0.00	0	0.00
Failed to Yield Right of Way	10	20.41	1	100.00
Fatigue	0	0.00	0	0.00
Fell Asleep	0	0.00	0	0.00
Following Too Close	0	0.00	0	0.00
Improper Backing	0	0.00	0	0.00
Improper Passing	0	0.00	0	0.00
Inattention	16	32.65	1	100.00
Lost Consciousness/Fainted	0	0.00	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	3	6.12	0	0.00
Not Under Proper Control	1	2.04	0	0.00
Overcorrecting/Oversteering	0	0.00	0	0.00
Physical Disability	0	0.00	0	0.00
Sick	0	0.00	0	0.00
Too Fast for Conditions	0	0.00	0	0.00
Turning Improperly	0	0.00	0	0.00
Weaving in Traffic	0	0.00	0	0.00

CONTRIBUTING FACTORS (cont'd)

The following tables outline driver factors that contributed to each type of collision. Driver-contributing factors are summarized for each specific collision type. Any factor cannot be accumulated more than once in one collision. The percentages represent the percent a given factor occurred in a specific type of collision.

COLLISIONS INVOLVING MULTIPLE FATALITIES	
TOTAL MULTIPLE FATALITY COLLISIONS	52
TOTAL KILLED	113
TOTAL INJURED	56

MULTIPLE FATALITY COLLISIONS

DRIVER CONTRIBUTING FACTORS	COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	9	17.31
Cell Phone	0	0.00
Disregard Traffic Control	0	0.00
Distraction	2	3.85
Drug Involvement	2	3.85
Emotional	0	0.00
Exceeded Stated Speed Limit	7	13.46
Failed to Yield Right of Way	7	13.46
Fatigue	0	0.00
Fell Asleep	0	0.00
Following Too Close	0	0.00
Improper Backing	0	0.00
Improper Passing	0	0.00
Inattention	12	23.08
Lost Consciousness/Fainted	0	0.00
Medication	0	0.00
Misjudge Clearance	1	1.92
Not Under Proper Control	16	30.77
Overcorrecting/Oversteering	7	13.46
Physical Disability	0	0.00
Sick	0	0.00
Too Fast for Conditions	4	7.69
Turning Improperly	0	0.00
Weaving in Traffic	0	0.00

COLLISIONS BY COUNTY

COLLISIONS BY COUNTY

2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Adair	301	296	3	8	62	71	236	217	3	8	89	111
Allen	428	479	7	3	87	103	334	373	7	3	126	146
Anderson	420	453	3	3	83	98	334	352	3	3	113	153
Ballard	198	217	2	2	57	51	139	164	3	3	80	77
Barren	1,224	1,207	11	14	269	281	944	912	11	17	411	428
Bath	187	155	4	5	42	35	141	115	4	5	55	47
Bell	645	684	8	7	170	142	467	535	14	7	260	232
Boone	4,042	3,958	11	12	634	611	3,397	3,335	11	15	885	876
Bourbon	541	534	5	9	107	91	429	434	5	9	167	135
Boyd	1,964	1,704	7	2	389	332	1,568	1,370	9	2	604	485
Boyle	796	899	8	1	142	162	646	736	8	1	223	219
Bracken	191	73	5	0	36	22	150	51	5	0	46	31
Breathitt	294	299	4	3	105	114	185	182	4	3	168	169
Breckinridge	298	295	8	4	104	93	186	198	8	5	161	153
Bullitt	1,636	1,717	14	9	387	395	1,235	1,313	15	12	664	619
Butler	175	206	4	1	44	36	127	169	5	1	66	52
Caldwell	326	298	1	1	73	53	252	244	2	1	95	82
Calloway	1,024	1,016	10	12	156	143	858	861	10	12	212	226
Campbell	2,731	2,714	7	3	345	354	2,379	2,357	7	3	460	468
Carlisle	102	116	2	0	23	30	77	86	2	0	32	36
Carroll	390	263	2	6	80	35	308	222	2	7	112	51
Carter	569	620	6	6	126	150	437	464	7	6	173	221
Casey	296	322	1	4	83	78	212	240	1	5	130	111
Christian	1,767	1,997	8	10	391	405	1,368	1,582	8	11	556	564
Clark	1,176	1,176	8	6	181	189	987	981	9	6	264	256
Clay	414	485	10	8	176	195	228	282	10	9	258	336
Clinton	97	121	3	2	16	16	78	103	6	3	21	26
Crittenden	195	207	2	1	63	56	130	150	2	1	104	71
Cumberland	61	63	0	1	12	9	49	53	0	1	15	11
Daviess	3,144	3,309	3	11	499	506	2,642	2,792	3	11	689	721
Edmonson	219	205	4	3	52	58	163	144	4	3	72	80
Elliott	115	102	2	4	22	26	91	72	2	5	26	35
Estill	283	265	3	0	70	64	210	201	3	0	107	97
Fayette	11,938	11,986	28	22	2,262	2,198	9,648	9,766	31	23	3,199	3,091
Fleming	283	227	4	4	63	42	216	181	4	4	107	60
Floyd	1,122	1,071	15	12	354	366	753	693	15	12	602	568
Franklin	1,584	1,605	3	4	289	277	1,292	1,324	3	4	395	406
Fulton	151	114	2	1	46	22	103	91	3	1	61	29
Gallatin	233	246	4	6	58	52	171	188	4	6	108	78
Garrard	354	398	4	2	79	95	271	301	4	3	117	129

COLLISIONS BY COUNTY

2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Grant	889	848	9	6	150	178	730	664	9	6	217	263
Graves	885	882	8	7	222	197	655	678	8	7	335	280
Grayson	600	657	5	8	172	162	423	487	6	8	247	249
Green	82	171	1	5	19	38	62	128	1	5	28	56
Greenup	776	745	5	5	177	159	594	581	7	5	239	260
Hancock	135	81	2	4	33	20	100	57	2	4	38	35
Hardin	2,621	2,829	18	19	452	459	2,151	2,351	18	19	685	712
Harlan	533	614	11	14	169	160	353	440	12	14	274	251
Harrison	584	538	3	4	113	117	468	417	3	4	175	171
Hart	428	484	7	6	132	119	289	359	15	6	201	181
Henderson	1,664	1,624	6	10	321	314	1,337	1,300	7	11	481	462
Henry	335	372	5	2	77	86	253	284	8	2	111	118
Hickman	19	37	5	0	4	11	10	26	5	0	10	13
Hopkins	1,497	1,500	10	10	270	231	1,217	1,259	12	10	380	341
Jackson	204	219	4	2	69	61	131	156	4	2	109	95
Jefferson	25,998	26,957	72	52	4,882	4,789	21,044	22,116	78	57	7,218	7,195
Jessamine	1,443	1,386	6	7	240	255	1,197	1,124	7	8	365	363
Johnson	515	536	4	1	141	141	370	394	5	3	205	227
Kenton	4,685	4,893	6	12	754	794	3,925	4,087	6	12	1,011	1,060
Knott	360	377	6	7	116	143	238	227	6	7	170	227
Knox	572	637	9	11	155	185	408	441	9	11	262	301
Larue	252	273	5	3	68	63	179	207	5	3	103	112
Laurel	1,633	1,608	15	14	418	382	1,200	1,212	17	14	681	618
Lawrence	309	287	3	5	104	80	202	202	3	5	162	117
Lee	112	70	0	2	33	16	79	52	0	2	58	41
Leslie	115	130	7	2	47	65	61	63	7	2	71	109
Letcher	457	565	8	6	162	168	287	391	8	6	265	286
Lewis	198	195	3	3	62	56	133	136	3	4	92	99
Lincoln	405	556	4	8	109	116	292	432	4	12	170	188
Livingston	216	212	5	4	69	63	142	145	6	5	94	105
Logan	573	576	7	9	121	127	445	440	7	10	167	177
Lyon	240	234	5	1	50	49	185	184	5	1	75	65
McCracken	2,279	2,293	12	10	591	545	1,676	1,738	13	10	899	822
McCreary	236	295	3	1	75	85	158	209	3	1	126	143
McLean	201	181	4	0	49	48	148	133	4	0	70	67
Madison	2,390	2,632	13	11	401	417	1,976	2,204	13	12	566	610
Magoffin	235	250	3	1	81	82	151	167	3	2	136	119
Marion	471	434	3	4	76	79	392	351	3	4	104	119
Marshall	830	840	6	12	192	225	632	603	6	13	285	326
Martin	194	154	1	0	68	58	125	96	1	0	120	90

COLLISIONS BY COUNTY

2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2008	2009	2008	2008	2008	2009	2008	2009	2008	2009	2008	2009
Mason	731	707	3	5	114	102	614	600	3	5	172	153
Meade	450	435	7	9	133	147	310	279	7	12	206	229
Menifee	84	95	2	0	22	24	60	71	2	0	38	38
Mercer	524	540	2	5	110	115	412	420	2	5	162	171
Metcalfe	216	227	2	5	55	49	159	173	2	5	89	85
Monroe	143	178	2	1	41	49	100	128	3	1	53	68
Montgomery	883	902	4	12	170	180	709	710	5	13	253	294
Morgan	297	265	3	3	81	85	213	177	4	3	111	129
Muhlenberg	796	822	8	6	187	171	601	645	10	6	272	254
Nelson	1,198	1,201	7	9	247	244	944	948	9	9	346	353
Nicholas	133	119	1	1	31	22	101	96	2	4	43	35
Ohio	581	600	9	4	159	146	413	450	10	5	247	209
Oldham	910	896	1	7	181	165	728	724	1	7	251	237
Owen	214	190	0	4	56	57	158	129	0	4	88	80
Owsley	58	32	1	0	17	6	40	26	1	0	21	6
Pendleton	364	346	3	10	69	77	292	259	3	10	117	133
Perry	919	973	9	8	232	244	678	721	9	9	374	398
Pike	1,962	1,966	28	17	529	555	1,405	1,394	32	17	801	876
Powell	174	308	0	3	40	56	134	249	0	3	55	84
Pulaski	1,656	1,733	14	13	345	362	1,297	1,358	15	13	565	570
Robertson	11	8	0	0	4	3	7	5	0	0	6	7
Rockcastle	476	495	7	5	119	133	350	357	8	5	194	218
Rowan	901	839	5	6	162	178	734	655	5	8	237	261
Russell	342	365	3	5	89	84	250	276	4	6	130	139
Scott	1,327	1,432	5	5	302	312	1,020	1,115	5	5	432	450
Shelby	1,214	1,169	5	9	244	238	965	922	5	9	353	355
Simpson	470	573	2	3	94	132	374	438	2	3	120	183
Spencer	239	242	1	4	69	50	169	188	1	5	91	81
Taylor	624	761	7	1	97	132	520	628	8	1	153	187
Todd	219	206	1	5	64	47	154	154	1	6	83	68
Trigg	279	319	5	4	69	72	205	243	7	5	99	116
Trimble	180	235	4	2	34	51	142	182	4	2	56	80
Union	343	336	4	3	99	94	240	239	4	3	137	139
Warren	3,749	3,795	22	22	710	677	3,017	3,096	23	29	1,006	1,026
Washington	302	219	4	7	56	41	242	171	4	5	89	62
Wayne	313	314	4	3	88	76	221	235	4	3	148	133
Webster	195	231	0	3	44	55	151	173	0	3	56	82
Whitley	977	926	8	10	280	225	689	691	9	10	441	351
Wolfe	197	210	2	4	62	61	133	145	2	6	95	98
Woodford	794	753	12	7	174	147	608	599	14	8	263	201
TOTALS	123,530	126,237	752	730	25,360	25,063	97,418	100,444	826	791	37,491	37,398

COLLISIONS INVOLVING DRINKING DRIVERS
BY COUNTY
2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL *		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED *		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Adair	13	9	1	0	4	6	8	3	1	0	4	7
Allen	25	24	0	0	9	5	16	19	0	0	10	6
Anderson	15	23	0	0	8	8	7	15	0	0	9	13
Ballard	16	14	1	1	7	8	8	5	1	1	9	13
Barren	55	45	2	2	26	20	27	23	2	2	40	25
Bath	13	8	2	1	3	3	8	4	2	1	6	3
Bell	19	21	1	1	10	8	8	12	1	1	21	16
Boone	140	141	1	3	46	39	93	99	1	3	75	58
Bourbon	30	31	2	3	6	9	22	19	2	3	8	12
Boyd	49	49	2	0	13	18	34	31	2	0	26	28
Boyle	27	35	1	1	12	10	14	24	1	1	19	15
Bracken	10	5	0	0	2	3	8	2	0	0	2	6
Breathitt	11	12	0	2	7	8	4	2	0	2	14	12
Breckinridge	18	18	1	3	9	10	8	5	1	4	13	17
Bullitt	101	64	3	3	43	30	55	31	3	4	70	54
Butler	12	8	1	0	5	4	6	4	1	0	9	6
Caldwell	17	11	0	0	7	4	10	7	0	0	9	8
Calloway	51	49	1	4	23	16	27	29	1	4	27	27
Campbell	104	120	2	0	30	32	72	88	2	0	39	47
Carlisle	2	8	0	0	2	6	0	2	0	0	3	6
Carroll	28	22	0	2	11	9	17	11	0	3	18	12
Carter	26	18	1	1	9	5	16	12	1	1	13	7
Casey	17	17	0	0	6	5	11	12	0	0	11	7
Christian	69	96	0	5	28	27	41	64	0	5	49	39
Clark	38	44	1	0	9	16	28	28	1	0	9	20
Clay	21	17	2	1	14	11	5	5	2	1	21	15
Clinton	5	3	1	0	2	3	2	0	1	0	2	6
Crittenden	6	7	1	0	3	2	2	5	1	0	3	4
Cumberland	4	6	0	1	2	3	2	2	0	1	2	5
Daviess	146	135	0	6	38	38	108	91	0	6	53	51
Edmonson	16	6	1	0	9	3	6	3	1	0	15	4
Elliott	7	7	0	3	2	1	5	3	0	4	2	2
Estill	16	16	0	0	7	7	9	9	0	0	9	15
Fayette	541	475	8	5	140	142	393	328	10	6	219	208
Fleming	16	9	0	1	5	2	11	6	0	1	10	5
Floyd	63	58	5	2	32	28	26	28	5	2	51	35
Franklin	60	64	0	1	25	21	35	42	0	1	31	36
Fulton	10	3	1	0	7	2	2	1	2	0	8	2
Gallatin	9	12	0	0	3	3	6	9	0	0	12	4
Garrard	20	8	1	1	8	3	11	4	1	2	14	4

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers with blood alcohol content (BAC) of .01 or higher (from FARS). This also affects the total of all collisions.**

COLLISIONS INVOLVING DRINKING DRIVERS
BY COUNTY
2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL *		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED *		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Grant	18	25	3	1	4	9	11	15	3	1	7	14
Graves	40	32	3	2	24	19	13	11	3	2	29	28
Grayson	30	32	0	2	21	15	9	15	0	2	32	29
Green	3	7	0	1	1	0	2	6	0	1	1	2
Greenup	20	27	1	3	7	12	12	12	3	3	7	19
Hancock	6	1	0	1	1	0	5	0	0	1	1	0
Hardin	98	86	0	2	22	28	76	56	0	2	29	43
Harlan	22	24	3	3	10	13	9	8	3	3	11	16
Harrison	39	27	1	0	12	17	26	10	1	0	20	25
Hart	17	19	1	1	7	6	9	12	1	1	9	10
Henderson	67	51	0	4	25	16	42	31	0	5	27	22
Henry	18	16	2	1	6	6	10	9	2	1	9	6
Hickman	3	2	2	0	0	0	1	2	2	0	2	0
Hopkins	43	55	2	5	12	16	29	34	2	5	14	21
Jackson	14	12	0	1	6	5	8	6	0	1	8	8
Jefferson	866	935	15	20	318	333	533	582	15	21	512	508
Jessamine	59	61	1	4	14	16	44	41	1	5	20	21
Johnson	12	14	0	0	6	6	6	8	0	0	9	14
Kenton	229	253	2	2	64	50	163	201	2	2	99	82
Knott	5	13	0	3	3	5	2	5	0	3	3	5
Knox	15	18	2	1	6	8	7	9	2	1	8	14
Larue	17	12	2	0	6	6	9	6	2	0	10	12
Laurel	56	46	1	4	29	16	26	26	1	4	45	30
Lawrence	9	18	0	3	4	8	5	7	0	3	4	13
Lee	4	5	0	0	4	2	0	3	0	0	4	4
Leslie	8	4	2	0	4	2	2	2	2	0	6	3
Letcher	25	16	1	0	11	9	13	7	1	0	16	16
Lewis	15	13	0	0	9	4	6	9	0	0	9	8
Lincoln	25	27	1	4	13	11	11	12	1	6	19	23
Livingston	20	16	2	1	13	7	5	8	2	1	19	10
Logan	27	23	2	2	9	12	16	9	2	2	9	15
Lyon	6	17	0	0	1	8	5	9	0	0	1	9
McCracken	93	119	4	1	42	49	47	69	5	1	56	67
McCreary	15	15	1	0	7	4	7	11	1	0	12	8
McLean	8	7	2	0	2	2	4	5	2	0	3	2
Madison	106	117	3	3	34	34	69	80	3	3	48	50
Magoffin	11	12	1	1	6	9	4	2	1	2	9	13
Marion	37	39	2	2	11	18	24	19	2	2	12	25
Marshall	33	49	2	3	15	25	16	21	2	3	21	35
Martin	6	5	1	0	2	4	3	1	1	0	4	4

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers with blood alcohol content (BAC) of .01 or higher (from FARS). This also affects the total of all collisions.**

COLLISIONS INVOLVING DRINKING DRIVERS
BY COUNTY
2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL *		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED *		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Mason	41	30	2	1	16	11	23	18	2	1	18	12
Meade	29	24	1	3	14	7	14	14	1	3	18	9
Menifee	6	3	0	0	2	2	4	1	0	0	5	6
Mercer	20	20	0	1	9	11	11	8	0	1	13	13
Metcalfe	9	8	1	1	2	3	6	4	1	1	2	5
Monroe	7	5	0	0	2	4	5	1	0	0	2	6
Montgomery	40	43	0	4	16	14	24	25	0	4	18	24
Morgan	13	13	0	0	6	7	7	6	0	0	6	7
Muhlenberg	19	22	1	1	7	11	11	10	1	1	17	15
Nelson	62	72	2	4	29	28	31	40	2	4	36	37
Nicholas	8	4	0	0	4	2	4	2	0	0	4	3
Ohio	28	26	1	2	16	7	11	17	1	3	23	7
Oldham	38	40	1	2	9	12	28	26	1	2	11	17
Owen	11	7	0	1	8	4	3	2	0	1	13	5
Owsley	2	1	0	0	1	1	1	0	0	0	1	1
Pendleton	11	18	0	2	6	5	5	11	0	2	13	11
Perry	35	28	1	0	17	12	17	16	1	0	23	13
Pike	86	99	6	2	38	54	42	43	6	2	48	70
Powell	7	8	0	0	3	2	4	6	0	0	3	3
Pulaski	42	46	1	2	24	12	17	32	1	2	42	19
Robertson	2	1	0	0	2	1	0	0	0	0	3	3
Rockcastle	9	14	0	1	2	5	7	8	0	1	2	6
Rowan	25	26	2	2	5	10	18	14	2	2	7	19
Russell	10	18	0	1	6	8	4	9	0	1	7	13
Scott	50	48	1	2	19	18	30	28	1	2	32	25
Shelby	55	49	0	1	19	13	36	35	0	1	25	19
Simpson	20	22	1	1	8	9	11	12	1	1	11	13
Spencer	14	20	0	0	7	9	7	11	0	0	8	17
Taylor	16	27	3	0	5	5	8	22	3	0	10	9
Todd	14	12	0	1	2	5	12	6	0	1	2	6
Trigg	16	17	2	0	7	9	7	8	4	0	10	12
Trimble	12	9	3	1	2	2	7	6	3	1	7	2
Union	22	14	1	0	8	5	13	9	1	0	11	6
Warren	138	143	6	8	49	49	83	86	6	9	76	71
Washington	18	12	2	2	9	2	7	8	2	2	16	3
Wayne	9	7	1	0	5	3	3	4	1	0	8	6
Webster	7	6	0	1	3	3	4	2	0	1	6	3
Whitley	19	28	1	1	10	6	8	21	1	1	19	10
Wolfe	17	14	1	2	5	7	11	5	1	4	7	10
Woodford	51	46	3	2	25	12	23	32	3	3	42	22
TOTALS	**5,029**	**5,038**	**152**	**186**	**1,850**	**1,778**	**3,027**	**3,074**	**160**	**203**	**2,754**	**2,652**

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers with blood alcohol content (BAC) of .01 or higher (from FARS). This also affects the total of all collisions.**

DRIVERS UNDER INFLUENCE OF DRUGS BY COUNTY

The following chart shows the number of drivers suspected of being under the influence of drugs involved in collisions, along with the number of persons killed or injured in those collisions. A total of 1,215 collisions in which drivers were suspected of being under the influence of drugs based on preliminary investigation of the officer investigating the collision. Of this total, 35 were fatal collisions and 649 were injury collisions.

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
ADAIR	9	1	1	1	1
ALLEN	5	1	0	1	1
ANDERSON	3	2	3	2	8
BALLARD	3	1	1	2	1
BARREN	9	2	8	2	11
BATH	10	0	6	0	11
BELL	2	2	8	2	14
BOONE	30	5	8	9	9
BOURBON	8	4	2	4	3
BOYD	43	1	16	1	35
BOYLE	2	0	0	0	0
BRACKEN	1	0	0	0	0
BREATHITT	6	1	16	1	23
BRECKENRIDGE	3	1	2	1	3
BULLITT	11	3	2	5	2
BUTLER	4	1	0	1	0
CALDWELL	1	0	2	0	3
CALLOWAY	11	7	1	7	4
CAMPBELL	19	1	4	1	7
CARLISLE	0	0	2	0	3
CARROLL	6	2	2	3	2
CARTER	18	2	5	2	7
CASEY	7	0	4	0	8
CHRISTIAN	15	3	7	3	8
CLARK	17	1	4	1	5
CLAY	13	1	9	1	15
CLINTON	3	0	1	0	3
CRITTENDEN	2	0	1	0	2
CUMBERLAND	2	1	0	1	0
DAVIESS	34	4	9	4	10
EDMONSON	8	0	2	0	2
ELLIOTT	11	1	1	1	1
ESTILL	5	0	3	0	7
FAYETTE	55	5	25	6	34
FLEMING	7	0	1	0	1
FLOYD	49	5	41	5	56
FRANKLIN	16	1	10	1	16
FULTON	3	0	1	0	2
GALLATIN	4	2	1	2	1

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
GARRARD	3	0	0	0	0
GRANT	9	2	0	2	0
GRAVES	16	5	8	5	11
GRAYSON	10	4	5	4	9
GREEN	2	1	1	1	3
GREENUP	16	1	5	1	14
HANCOCK	2	1	1	1	3
HARDIN	18	4	5	4	6
HARLAN	29	6	12	6	22
HARRISON	3	0	2	0	2
HART	8	0	2	0	2
HENDERSON	15	4	3	5	11
HENRY	3	0	1	0	1
HICKMAN	1	0	0	0	0
HOPKINS	16	4	5	4	9
JACKSON	4	1	4	1	6
JEFFERSON	99	14	49	14	74
JESSAMINE	9	2	7	2	13
JOHNSON	19	1	13	3	25
KENTON	40	3	19	3	28
KNOTT	15	3	8	3	15
KNOX	16	3	3	3	20
LARUE	1	1	10	1	6
LAUREL	26	6	20	6	34
LAWRENCE	12	3	4	3	4
LEE	1	1	4	1	10
LESLIE	5	1	8	1	13
LETCHER	24	3	12	3	21
LEWIS	5	2	2	3	2
LINCOLN	5	4	2	6	4
LIVINGSTON	5	1	3	1	4
LOGAN	7	2	3	2	4
LYON	3	0	1	0	1
McCRACKEN	18	1	8	1	10
McCREARY	5	0	0	0	0
McLEAN	0	0	2	0	3
MADISON	29	4	7	5	8
MAGOFFIN	8	0	5	0	6
MARION	7	2	2	2	5

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers under the influence of drugs (from FARS). This also affects the total of all collisions.**

DRIVERS UNDER INFLUENCE OF DRUGS BY COUNTY

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
MARSHALL	16	6	10	7	12
MARTIN	13	0	6	0	7
MASON	3	2	3	2	7
MEADE	7	1	0	2	0
MENIFEE	2	0	2	0	2
MERCER	8	3	4	3	6
METCALFE	4	1	1	1	2
MONROE	4	1	0	1	0
MONTGOMERY	23	3	6	3	15
MORGAN	7	1	5	1	8
MUHLENBERG	5	1	5	1	8
NELSON	4	1	2	1	3
NICHOLAS	1	0	0	0	0
OHIO	4	0	2	0	2
OLDHAM	7	3	3	3	5
OWEN	1	1	1	1	1
OWSLEY	2	0	1	0	1
PENDLETON	3	2	0	2	0
PERRY	33	4	14	5	22
PIKE	114	6	64	6	93
POWELL	2	0	2	0	3
PULASKI	20	5	4	5	4

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
ROBERTSON	0	0	1	0	3
ROCKCASTLE	7	2	7	2	17
ROWAN	12	2	9	3	11
RUSSELL	8	1	6	1	8
SCOTT	8	1	2	1	3
SHELBY	4	1	0	1	0
SIMPSON	4	0	0	0	0
SPENCER	2	0	2	0	5
TAYLOR	9	0	1	0	2
TODD	2	1	2	1	2
TRIGG	3	1	1	1	1
TRIMBLE	5	1	0	1	0
UNION	9	1	1	1	1
WARREN	35	7	11	7	13
WASHINGTON	5	1	1	1	2
WAYNE	4	0	0	0	0
WEBSTER	1	0	1	0	1
WHITLEY	14	3	6	3	7
WOLFE	6	2	3	4	3
WOODFORD	7	1	5	1	8
TOTALS	**1,397**	**217**	**649**	**239**	**1016**

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers under the influence of drugs (from FARS). This also affects the total of all collisions.**

ALL COLLISIONS BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL	INJURY	KILLED	INJURED
Purchase	5,515	44	1,224	46	1,809
Pennyrile	5,795	42	1,147	46	1,666
Green River	6,362	35	1,183	37	1,715
Barren River	7,930	67	1,631	78	2,426
Lincoln Trail	6,343	63	1,288	65	1,989
KIPDA	31,588	85	5,774	94	8,685
Northern Kentucky	13,458	59	2,158	63	3,009
Buffalo Trace	1,210	12	225	13	350
Gateway	2,256	26	502	29	769
FIVCO	3,458	22	747	23	1,118
Big Sandy	3,977	31	1,202	34	1,880
Kentucky River	2,656	32	817	35	1,334
Cumberland Valley	5,668	71	1,483	72	2,402
Lake Cumberland	4,441	43	951	46	1,487
Bluegrass	25,580	98	4,731	110	6,759
TOTALS	**126,237**	**730**	**25,063**	**791**	**37,398**

ALCOHOL RELATED COLLISIONS BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL*	INJURY	KILLED*	INJURED
Purchase	276	11 13	125	11	178
Pennyrile	253	13	89	13	124
Green River	240	14	71	16	91
Barren River	303	15	115	16	161
Lincoln Trail	295	18	114	19	175
KIPDA	1133	28	405	30	623
Northern Kentucky	598	11	151	12	233
Buffalo Trace	58	2	21	2	34
Gateway	93	7	36	7	59
FIVCO	119	10	44	11	69
Big Sandy	188	5	101	6	136
Kentucky River	93	7	46	9	64
Cumberland Valley	180	13	72	13	115
Lake Cumberland	155	5	49	5	82
Bluegrass	1054	27	339	33	508
TOTALS	**5038**	**186**	**1778**	**203**	**2652**

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers (FARS).**
This also affects the total of all collisions.

DRUG RELATED COLLISIONS BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL*	INJURY	KILLED*	INJURED
Purchase	68	20	31	22	43
Pennyrile	52	11	27	11	38
Green River	65	10	19	11	31
Barren River	88	15	27	15	35
Lincoln Trail	55	15	27	16	34
KIPDA	131	22	57	24	87
Northern Kentucky	112	18	35	23	48
Buffalo Trace	16	4	7	5	13
Gateway	54	6	28	7	47
FIVCO	100	8	31	8	61
Big Sandy	203	12	129	14	187
Kentucky River	92	15	66	18	108
Cumberland Valley	111	24	69	24	135
Lake Cumberland	69	9	18	9	29
Bluegrass	181	28	78	32	120
TOTALS	**1,397**	**217**	**649**	**239**	**1,016**

*** Fatal collision data has been adjusted to reflect follow-up studies of drivers (FARS).**
This also affects the total of all collisions.

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

PARKING LOTS/ PRIVATE PROPERTY

COLLISIONS BY COUNTY

PARKING LOTS / PRIVATE PROPERTY

2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Adair	54	45	0	0	2	1	52	44	0	0	2	1
Allen	113	101	0	0	5	2	108	99	0	0	5	3
Anderson	105	92	0	0	2	1	103	91	0	0	2	1
Ballard	21	23	0	0	0	0	21	23	0	0	0	0
Barren	410	335	0	0	11	6	399	329	0	0	12	7
Bath	33	16	0	0	1	2	32	14	0	0	1	3
Bell	187	203	0	0	5	10	182	193	0	0	6	10
Boone	900	819	0	0	20	33	880	786	0	0	23	42
Bourbon	90	95	0	0	4	3	86	92	0	0	4	3
Boyd	313	330	0	0	14	15	299	315	0	0	16	17
Boyle	247	225	0	0	3	2	244	223	0	0	4	2
Bracken	8	12	0	1	1	1	7	10	0	1	1	1
Breathitt	33	25	0	0	3	1	30	24	0	0	3	1
Breckinridge	72	41	0	0	0	0	72	41	0	0	0	0
Bullitt	154	154	0	0	12	7	142	147	0	0	13	7
Butler	33	26	0	0	1	1	32	25	0	0	1	1
Caldwell	80	79	0	0	1	2	79	77	0	0	1	2
Calloway	318	356	0	0	2	13	316	343	0	0	2	14
Campbell	547	576	0	0	21	15	526	561	0	0	22	17
Carlisle	14	14	0	0	0	0	14	14	0	0	0	0
Carroll	64	41	0	0	3	1	61	40	0	0	3	1
Carter	58	52	0	0	2	4	56	48	0	0	2	6
Casey	67	56	0	0	0	2	67	54	0	0	0	2
Christian	244	240	0	0	11	11	233	229	0	0	13	12
Clark	162	179	0	0	4	0	158	179	0	0	4	0
Clay	84	80	0	0	5	6	79	74	0	0	6	8
Clinton	25	36	0	0	1	0	24	36	0	0	1	0
Crittenden	18	19	0	0	1	0	17	19	0	0	1	0
Cumberland	8	4	1	1	0	0	7	3	1	1	0	0
Daviess	829	894	1	0	16	24	812	870	1	0	17	28
Edmonson	14	21	0	0	1	0	13	21	0	0	1	0
Elliott	12	12	0	0	0	0	12	12	0	0	0	0
Estill	48	32	0	0	1	0	47	32	0	0	1	0
Fayette	2,878	2,803	0	0	93	116	2,785	2,687	0	0	105	132
Fleming	52	75	0	0	2	0	50	75	0	0	2	0
Floyd	151	154	0	0	11	7	140	147	0	0	14	9
Franklin	504	528	0	0	14	15	490	513	0	0	17	17
Fulton	46	17	0	0	1	0	45	17	0	0	4	0
Gallatin	24	20	0	0	1	1	23	19	0	0	1	2
Garrard	42	54	0	0	0	0	42	54	0	0	0	0

COLLISIONS BY COUNTY

PARKING LOTS / PRIVATE PROPERTY

2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Grant	166	118	0	1	6	3	160	114	0	1	7	4
Graves	86	86	0	0	2	1	84	85	0	0	2	1
Grayson	111	112	0	0	6	1	105	111	0	0	6	1
Green	39	29	0	0	1	0	38	29	0	0	1	0
Greenup	184	189	0	0	4	3	180	186	0	0	4	3
Hancock	24	18	0	0	1	1	23	17	0	0	1	1
Hardin	244	378	0	0	11	14	233	364	0	0	11	16
Harlan	106	139	0	0	6	2	100	137	0	0	9	3
Harrison	65	91	0	0	5	3	60	88	0	0	6	3
Hart	75	50	0	0	1	1	74	49	0	0	1	1
Henderson	362	386	0	1	17	20	345	365	0	1	19	24
Henry	54	42	0	0	1	1	53	41	0	0	1	1
Hickman	0	6	0	0	0	0	0	6	0	0	0	0
Hopkins	433	469	0	1	11	13	422	455	0	1	14	13
Jackson	25	23	0	0	2	0	23	23	0	0	2	0
Jefferson	1,796	1,737	0	0	163	147	1,633	1,590	0	0	188	171
Jessamine	329	300	0	0	6	13	323	287	0	0	6	14
Johnson	145	194	0	0	4	4	141	190	0	0	4	5
Kenton	769	785	0	0	21	32	748	753	0	0	23	36
Knott	52	72	0	0	6	0	46	72	0	0	7	0
Knox	119	126	0	1	1	6	118	119	0	1	1	6
Larue	35	30	0	0	0	0	35	30	0	0	0	0
Laurel	336	284	0	0	10	4	326	280	0	0	13	5
Lawrence	58	47	0	1	4	2	54	44	0	2	4	3
Lee	21	24	0	0	3	0	18	24	0	0	4	0
Leslie	16	21	0	0	1	1	15	20	0	0	1	2
Letcher	116	107	0	0	4	2	112	105	0	0	4	2
Lewis	27	26	0	0	1	3	26	23	0	0	1	3
Lincoln	33	79	0	0	1	2	32	77	0	0	1	2
Livingston	38	17	0	0	1	1	37	16	0	0	1	1
Logan	140	136	1	1	5	5	134	130	1	1	6	5
Lyon	48	50	0	0	3	2	45	48	0	0	4	3
McCracken	299	273	0	0	27	15	272	258	0	0	32	17
McCreary	35	37	0	0	1	3	34	34	0	0	1	3
McLean	21	25	0	1	0	0	21	24	0	1	0	0
Madison	849	832	0	0	14	20	835	812	0	0	19	23
Magoffin	34	36	1	0	2	1	31	35	1	0	5	1
Marion	126	117	1	0	2	0	123	117	1	0	2	0
Marshall	161	137	0	0	7	1	154	136	0	0	7	2
Martin	41	37	0	0	0	2	41	35	0	0	0	2

COLLISIONS BY COUNTY

PARKING LOTS / PRIVATE PROPERTY

2008 VS 2009

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
Mason	155	151	0	0	2	4	153	147	0	0	2	4
Meade	57	45	0	0	1	2	56	43	0	0	2	2
Menifee	13	15	0	0	0	0	13	15	0	0	0	0
Mercer	80	93	0	0	4	0	76	93	0	0	4	0
Metcalfe	24	34	0	0	0	0	24	34	0	0	0	0
Monroe	48	46	0	0	1	1	47	45	0	0	1	1
Montgomery	213	197	0	0	6	5	207	192	0	0	7	5
Morgan	44	51	0	0	1	2	43	49	0	0	1	2
Muhlenberg	209	213	0	0	8	2	201	211	0	0	10	2
Nelson	169	234	0	0	5	4	164	230	0	0	6	4
Nicholas	31	23	0	0	0	0	31	23	0	0	0	0
Ohio	98	110	0	0	1	3	97	107	0	0	1	3
Oldham	70	53	0	0	1	4	69	49	0	0	1	4
Owen	23	21	0	0	3	0	20	21	0	0	5	0
Owsley	6	2	0	0	0	1	6	1	0	0	0	1
Pendleton	41	51	0	1	1	4	40	46	0	1	1	6
Perry	284	266	0	0	13	6	271	260	0	0	16	7
Pike	391	398	3	0	12	22	376	376	3	0	15	32
Powell	38	58	0	0	1	1	37	57	0	0	1	1
Pulaski	512	505	0	0	8	10	504	495	0	0	8	10
Robertson	0	3	0	0	0	0	0	3	0	0	0	0
Rockcastle	64	83	0	0	0	3	64	80	0	0	0	4
Rowan	192	218	0	0	2	8	190	210	0	0	2	10
Russell	120	106	0	0	5	3	115	103	0	0	5	4
Scott	242	177	0	0	7	12	235	165	0	0	8	13
Shelby	202	179	0	0	4	7	198	172	0	0	4	8
Simpson	114	132	1	0	2	5	111	127	1	0	2	6
Spencer	24	22	0	0	1	0	23	22	0	0	1	0
Taylor	181	201	0	1	5	6	176	194	0	1	7	6
Todd	37	24	0	0	1	1	36	23	0	0	1	1
Trigg	62	60	0	0	1	2	61	58	0	0	1	2
Trimble	13	14	0	0	1	2	12	12	0	0	1	2
Union	75	117	0	0	3	4	72	113	0	0	4	4
Warren	627	622	0	0	32	38	595	584	0	-4	38	43
Washington	42	37	0	0	2	0	40	37	0	4	3	0
Wayne	82	67	0	0	2	2	80	65	0	0	3	2
Webster	18	27	0	0	0	2	18	25	0	0	0	4
Whitley	165	142	1	0	5	2	159	140	1	0	7	3
Wolfe	37	34	0	0	1	1	36	33	0	0	1	1
Woodford	153	143	0	0	4	4	149	139	0	0	4	5
TOTALS	21,636	21,523	10	11	782	804	20,844	20,708	10	12	901	928

TYPES OF COLLISIONS

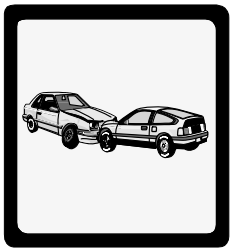
PARKING LOTS / PRIVATE PROPERTY

PARKING LOTS:

Total Collisions:	20,331
% of Total Collisions:	94.46%
Persons Killed:	3
% of Total Fatalities:	25.00%
No. of Fatal Collisions:	3
% of All Fatal Collisions:	27.27%

COLLISION WITH MOVING MOTOR VEHICLE:

Total Collisions:	414
% of Total Collisions:	1.92%
Persons Killed:	1
% of Total Fatalities:	8.33%
No. of Fatal Collisions:	1
% of All Fatal Collisions:	9.09%

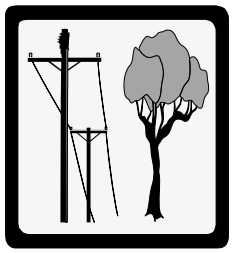


COLLISION WITH PEDESTRIAN:

Total Collisions:	26
% of Total Collisions:	0.12%
Persons Killed:	3
% of Total Fatalities:	25.00%
No. of Fatal Collisions:	3
% of All Fatal Collisions:	27.27%

COLLISION WITH FIXED OBJECT:

Total Collisions:	197
% of Total Collisions:	0.92%
Persons Killed:	4
% of Total Fatalities:	33.33%
No. of Fatal Collisions:	3
% of All Fatal Collisions:	27.27%

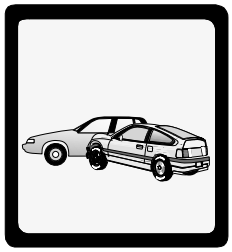


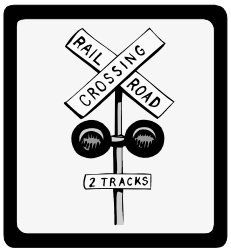
COLLISION WITH PEDALCYCLIST:

Total Collisions:	2
% of Total Collisions:	0.01%
Persons Killed:	0
% of Total Fatalities:	0.00%
No. of Fatal Collisions:	0
% of All Fatal Collisions:	0.00%

PARKED VEHICLE COLLISIONS:

Total Collisions:	517
% of Total Collisions:	2.40%
Persons Killed:	0
% of Total Fatalities:	0.00%
No. of Fatal Collisions:	0
% of All Fatal Collisions:	0.00%



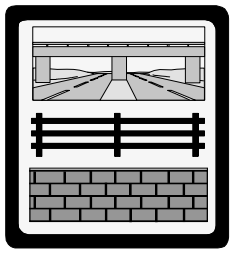


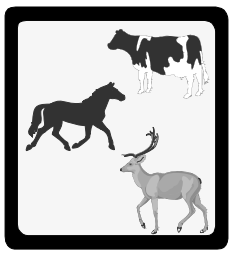
COLLISION WITH RAILWAY TRAIN:

Total Collisions:	5
% of Total Collisions:	0.02%
Persons Killed:	0
% of Total Fatalities:	0.00%
No. of Fatal Collisions:	0
% of All Fatal Collisions:	0.00%

COLLISION WITH OTHER OBJECT:

Total Collisions:	12
% of Total Collisions:	0.06%
Persons Killed:	0
% of Total Fatalities:	0.00%
No. of Fatal Collisions:	0
% of All Fatal Collisions:	0.00%





COLLISION WITH ANIMAL (INCLUDING DEER):

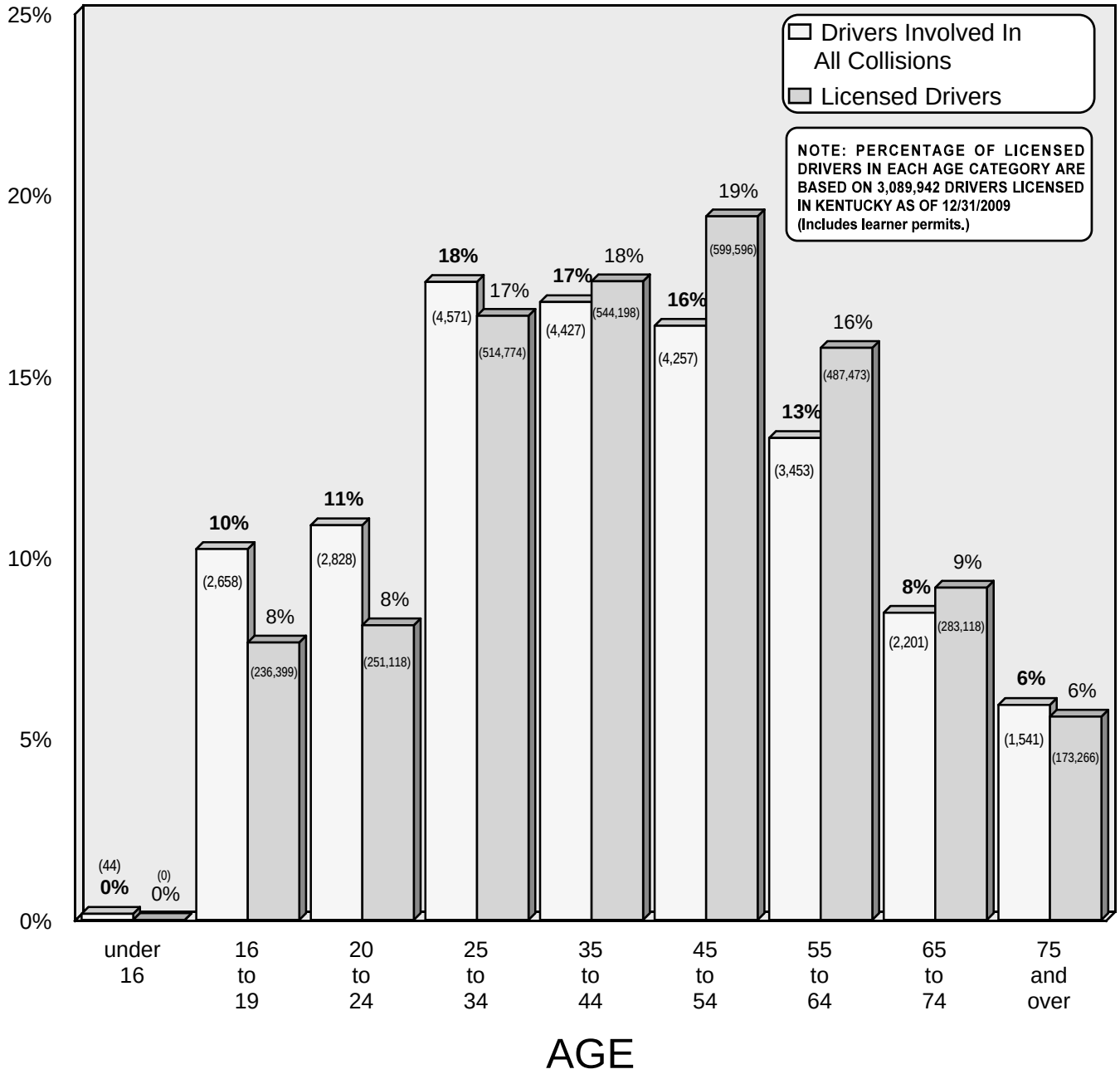
Total Collisions:	1
% of Total Collisions:	0.00%
Persons Killed:	0
% of Total Fatalities:	0.00%
No. of Fatal Collisions:	0
% of All Fatal Collisions:	0.00%

NON-COLLISION (INCLUDING OVERTURNED):

Total Collisions:	18
% of Total Collisions:	0.08%
Persons Killed:	1
% of Total Fatalities:	8.33%
No. of Fatal Collisions:	1
% of All Fatal Collisions:	9.09%

AGE OF DRIVER
(ALL COLLISIONS)
PARKING LOTS / PRIVATE PROPERTY

The chart below groups the ages of 25,980 drivers involved in traffic collisions during 2009 in Kentucky (for which age information was available). For each age category, the following information is shown: the percentage of drivers involved in all collisions, the number of drivers involved in these collisions is shown in parentheses, the percentage of all licensed drivers, and the number of licensed drivers is shown in parentheses (includes learner permits). This allows a comparison to be made between the percentage of a given age category of the driving population and the corresponding percentage this age category is involved in collisions. The percentage of drivers involved in all collisions was higher than the percentage of licensed drivers for the age categories under age 35, especially for the 16 to 19 years of age category. This data does not differentiate drivers "at-fault" versus drivers "not-at-fault." There were 267 driver's ages which could not be determined. These drivers represent 1.0% of all drivers involved in collisions. The percentages given below do not consider the "Unknown" category.



CONTRIBUTING FACTORS

PARKING LOTS / PRIVATE PROPERTY

A variety of factors and conditions can contribute to a collision. Police officers may indicate up to three driver factors for each driver, two vehicular factors for each vehicle, and up to two environmental factors for each collision. This table gives the number of collisions in which a given factor was listed at least once. Accumulations were made only once for each factor indicated in a collision, even if the factor was listed for more than one driver or vehicle. Therefore, the percentages give the percent of collisions in which a given factor is listed.

HUMAN FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Inattention	10,756	49.97	2	18.18
Misjudge Clearance	3,868	17.97	0	0.00
Improper Backing	1,678	7.80	0	0.00
Not Under Proper Control	1,276	5.93	3	27.27
Failed to Yield Right of Way	889	4.13	1	9.09
Distraction	549	2.55	0	0.00
Alcohol Involvement	528	2.45	0	0.00
Too Fast for Conditions	154	0.72	0	0.00
Emotional	138	0.64	0	0.00
Turning Improperly	122	0.57	0	0.00
Drug Involvement	121	0.56	0	0.00
Lost Consciousness/Fainted	91	0.42	1	9.09
Cell Phone	82	0.38	0	0.00
Following Too Close	72	0.33	0	0.00
Disregard Traffic Control	66	0.31	0	0.00
Exceeded Stated Speed Limit	50	0.23	0	0.00
Overcorrecting/Oversteering	49	0.23	0	0.00
Improper Passing	47	0.22	0	0.00
Physical Disability	40	0.19	0	0.00
Medication	35	0.16	1	9.09
Sick	33	0.15	0	0.00
Fatigue	30	0.14	0	0.00
Fell Asleep	20	0.09	0	0.00
Weaving in Traffic	4	0.02	0	0.00

CONTRIBUTING FACTORS

PARKING LOTS / PRIVATE PROPERTY (cont'd.)

A variety of factors and conditions can contribute to a collision. Police officers may indicate up to three driver factors for each driver, two vehicular factors for each vehicle, and up to two environmental factors for each collision. This table gives the number of collisions in which a given factor was listed at least once. Accumulations were made only once for each factor indicated in a collision, even if the factor was listed for more than one driver or vehicle. Therefore, the percentages give the percent of collisions in which a given factor is listed.

VEHICULAR FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Brakes Defective	208	0.97	0	0.00
Steering Failure	19	0.09	0	0.00
Tire Failure	14	0.07	0	0.00
Tow Hitch Defective / Separation of Units	14	0.07	0	0.00
Load Securement	10	0.05	1	9.09
Oversized Load on Vehicle	8	0.04	0	0.00
Other Lighting Defective	3	0.01	0	0.00
Headlights Defective	4	0.02	0	0.00
Overweight	0	0.00	0	0.00

ENVIRONMENTAL FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
View Obstructed	469	2.18	2	18.18
Slippery Surface	427	1.98	0	0.00
Improperly Parked Vehicle	193	0.90	0	0.00
Glare	95	0.44	1	9.09
Water Pooling	28	0.13	0	0.00
Animal Action	22	0.10	0	0.00
Hole/Deep Ruts/Bumps	20	0.09	0	0.00
Fixed Object(s)	16	0.07	0	0.00
Roadway Construction	11	0.05	0	0.00
Debris In Roadway	8	0.04	0	0.00
Maintenance / Utility	5	0.02	0	0.00
Traffic Controls Not Working	4	0.02	0	0.00
Shoulder Defective	2	0.01	0	0.00

FATALITY ANALYSIS REPORTING SYSTEM

FATALITY ANALYSIS REPORTING SYSTEM

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

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

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

DRIVERS INVOLVED IN FATAL COLLISIONS - AGE AND ALCOHOL INVOLVEMENT

The chart below depicts the ages of all drivers in fatal collisions in 2009 vs. alcohol involved drivers in fatal collisions during the same time period and the percentages of involvement for various ages and age groups. The alcohol involved teenage driver (ages 13 through 19) represents 6% of the total number of drinking drivers involved in fatal collisions.

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

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

AGE	Number of Drivers Involved	Alcohol Involved Drivers*	% Alcohol Involved
Under 16	4	0	0
16	13	0	0
17	27	2	7
18	33	6	18
19	35	4	11
20	21	2	10
21	33	6	18
22-24	72	17	24
25-34	213	63	30
35-44	195	43	22
45-54	184	26	14
55-64	136	12	9
65-74	80	6	8
Over 74	62	0	0
Unknown	2	0	0
TOTALS	1,110	187	17

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

DURING 2009, THERE WERE 203 PERSONS KILLED IN FATAL COLLISIONS INVOLVING A DRINKING DRIVER. THIS REPRESENTS 26% OF ALL PERSONS KILLED IN TRAFFIC COLLISIONS IN KENTUCKY DURING 2009.

The chart below shows drinking drivers by age and alcohol test result. Seventy-seven (77) percent of the drinking drivers tested were found to have a blood alcohol content (BAC) of 0.10% or above at the time of the collision.

AGE	NUMBER OF DRINKING DRIVERS*	BAC TEST RESULTS			
		.01 - .05	.06 - .09	.10 - .19	.20+
Under 16	0	0	0	0	0
16	0	0	0	0	0
17	2	1	0	1	0
18	6	0	1	2	3
19	4	0	2	2	0
20	2	1	0	1	0
21	6	0	0	6	0
22-24	17	6	2	8	1
25-34	63	5	11	25	22
35-44	43	4	0	29	10
45-54	26	1	1	12	12
55-64	12	2	4	6	0
65-74	6	2	0	2	2
75+	0	0	0	0	0
Unknown	0	0	0	0	0
TOTAL	187	22	21	94	50

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

FATALLY INJURED PEDESTRIANS

DURING 2009, THIRTY-THREE (33) PERCENT OF THE FATALLY INJURED PEDESTRIANS OVER THE AGE OF 15 WERE DRINKING. THEIR AVERAGE ALCOHOL TEST WAS 0.19%

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

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

AGE	TOTAL	NUMBER DRINKING	AVERAGE TEST RESULTS
0-5	3	0	0
6-10	0	0	0
11-15	2	0	0
16-20	2	0	0
21-25	5	2	.24
26-30	2	1	.05
31-40	4	1	.21
41-50	12	7	.19
51-60	6	1	.27
61-70	1	0	0
71-80	4	0	0
81+	1	0	0
UNKNOWN	0	0	0
TOTAL	**42**	**12**	**.19**

SAFETY RESTRAINTS AND EJECTION IN FATAL COLLISIONS

The chart below plots overall results in fatal collisions when motorcycle helmets and other restraints (safety belts, harnesses, child restraints, etc.) are used. A comparison of "used" versus "not used" for 2009 FARS data strongly confirms both the lifesaving advantage as well as the reduction of serious injury when restraints are in place. SIXTY-ONE (61) PERCENT OF THE VEHICLE OCCUPANTS KILLED DURING 2009 WERE NOT RESTRAINED. THIRTY-FOUR (34) PERCENT OF THE VEHICLE OCCUPANTS SUFFERING INCAPACITATING INJURY WERE NOT RESTRAINED. THIRTY-TWO (32) PERCENT OF THE OCCUPANTS SUFFERING NON-INCAPACITATING 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	
Fatal Injury	36	50	0	273	433	2	794
Incapacitating Injury	0	4	0	130	68	4	206
Non-Incapacitating Injury	1	1	0	154	73	2	231
Possible Injury	1	1	0	122	42	1	167
No Injury	0	2	0	312	36	1	351
Unknown If Injured	0	0	0	0	0	0	0
Injured, Severity Unknown	0	0	0	0	0	0	0
TOTAL	**38**	**58**	**0**	**991**	**652**	**10**	**1,749**

Of the 1,749 vehicle occupants involved in fatal collisions in 2009, only 991 were using safety restraints - an overall usage rate of 57% in fatal collisions.

EJECTION

Result	Total Ejection	Partial Ejection	No Ejection	Unknown	TOTAL
Fatal Injury	114	46	490	0	650
Incapacitating Injury	8	3	187	0	198
Non-Incapacitating Injury	13	0	215	0	228
Possible Injury	5	0	158	0	163
No Injury	0	0	345	0	345
Unknown If Injured	0	0	2	0	2
Injured, Severity Unknown	0	0	0	0	0
TOTAL	**140**	**49**	**1,397**	**0**	**1,586**

The above chart shows overall injuries in fatal collisions according to whether the vehicle occupant was ejected from the vehicle, partially ejected, or not ejected. EIGHTY-FIVE (85) PERCENT OF VEHICLE OCCUPANTS WHO WERE EITHER TOTALLY OR PARTIALLY EJECTED WERE KILLED. This data also reaffirms the lifesaving advantage of using an active restraint, since the possibility of being ejected upon impact is significantly reduced.

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

CHILD RESTRAINTS IN FATAL COLLISIONS

Kentucky's "child restraint law" (KRS 189.125) became effective July 15, 1982, and Subsection (3) requires that *"Any driver of a motor vehicle, when transporting a child of forty (40) inches in height or less in a motor vehicle operated on the roadways, streets, and highways of this state, shall have the child properly secured in a child restraint system of a type meeting federal motor vehicle safety standards."*

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

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

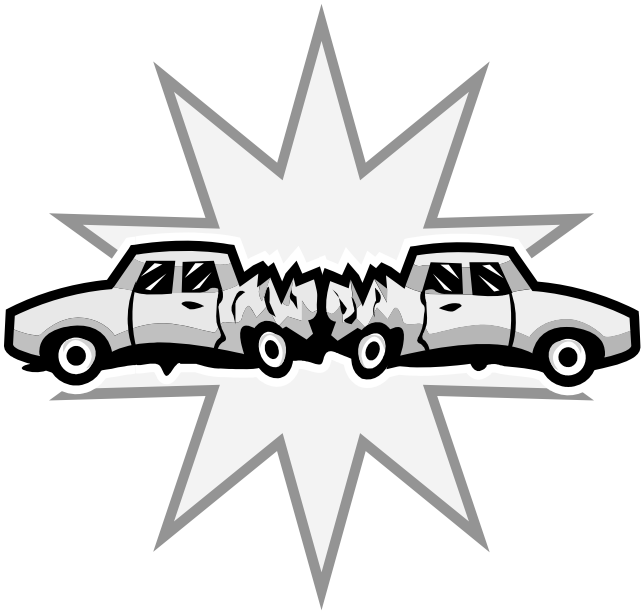
RESULT	Age 4 & Under Total	Child Restraint Used	Lap Belt &/or Harness Used	None Used	Unknown
Killed	14	5	2	6	1
Injured (Incapacitating)	10	4	2	1	3
Injured (Non-Incapacitating)	19	15	2	1	1
Injured (Possible)	15	12	2	0	1
Not Injured	11	10	0	1	0
TOTAL	**69**	**46**	**8**	**9**	**6**

Of the sixty-nine (69) child occupants (four years and under) involved in fatal collisions in 2009, forty-six (46) children were secured in a child restraint. Of the fourteen (14) children killed, six (6) had no restraint, two (2) was using a lap belt or shoulder harness, and five (5) were using child safety seat.

$2.1 - $5.8 BILLION

COST of KENTUCKY TRAFFIC COLLISIONS

2009



The calculable costs (economic costs) of motor vehicle collisions on public roads include wage loss, medical expense, administration costs, property damage, and employer costs. Comprehensive costs include not only the economic cost components but also a measure of the value of lost quality of life associated with deaths and injuries. Estimated costs provided by the National Safety Council, considering both economic and comprehensive costs, were used to arrive at a cost range for traffic collisions in Kentucky during 2009 (occurring on public roads). Costs for 2008 were used since 2009 data was not available.

The **economic cost** ($2.1 billion) was derived from the following formula:

Cost per	X	Number Reported	=	Estimated Cost
Fatalities @ $1,300,000	X	791	=	$1,028,300,00
Incapacitating Injuries @ $67,200	X	4,491	=	$301,795,200
Non-Incapacitating Injuries @ $21,800	X	12,906	=	$281,350,800
Possible Injuries @ $12,300	X	20,001	=	$246,012,300
Property Damage Only @ $2,400	X	100,444	=	$241,065,600
TOTAL ECONOMIC COST ESTIMATE:				**$2,098,523,900**

The **comprehensive cost** ($5.8 billion) was derived from the following formula:

Cost per	X	Number Reported	=	Estimated Cost
Fatalities @ $4,200,000	X	791	=	$3,322,200,000
Incapacitating Injuries @ $214,200	X	4,491	=	$961,972,200
Non-Incapacitating Injuries @ $54,700	X	12,906	=	$705,958,200
Possible Injuries @ $26,000	X	20,001	=	$520,026,000
Property Damage Only @ $2,400	X	100,444	=	$241,065,600
TOTAL COMPREHENSIVE COST ESTIMATE:				**$5,751,222,000**

KENTUCKY STATE POLICE
RECORDS BRANCH
1250 Louisville Road
Frankfort, Kentucky 40601

TO:

Please
Place
Stamp

Kentucky State Police
Records Branch / Statistics Section
1250 Louisville Road
Frankfort, Kentucky 40601

IMPORTANT NOTICE

Here is your copy of the 2009 TRAFFIC COLLISION FACTS report you requested. If you want to receive the 2010 report, please print or type your name and address below and return this form.

This card must be returned to ensure receipt of the 2010 publication. Existing mailing lists are being revised to include only those individuals who respond to this notice.

KENTUCKY STATE POLICE

name _____

company _____

address _____

city, state, zip _____

KENTUCKY STATE POLICE