

**K  
E  
N  
T  
U  
C  
K  
Y**

***TRAFFIC  
COLLISION  
FACTS***



**2007  
REPORT**



COMMONWEALTH OF KENTUCKY  
**OFFICE OF THE GOVERNOR**

STEVEN L. BESHEAR  
GOVERNOR

700 CAPITAL AVENUE  
SUITE 100  
FRANKFORT, KY 40601  
(502) 564-2611  
FAX: (502) 564-2517

My Fellow Kentuckians:

This 2007 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 essential for most to support their livelihoods, many times results in injury and even death.

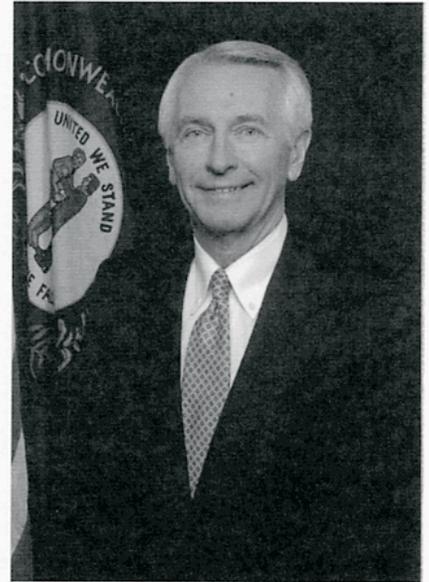
Each year I am saddened to learn the number of individuals killed and injured in traffic collisions throughout our state. This year, the number of fatalities for 2007 decreased by six percent, with fifty-three fewer fatalities than during 2006. The 877 people who lost their lives in fatal collisions 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,

A handwritten signature in black ink that reads "Steven L. Beshear".

Steven L. Beshear





## KENTUCKY STATE POLICE

**Steven L. Beshear**  
Governor

919 Versailles Road  
Frankfort, Kentucky 40601  
[www.kentuckystatepolice.org](http://www.kentuckystatepolice.org)

**J. Michael Brown**  
Secretary

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

**Rodney Brewer**  
Commissioner

Dear Governor Beshear:

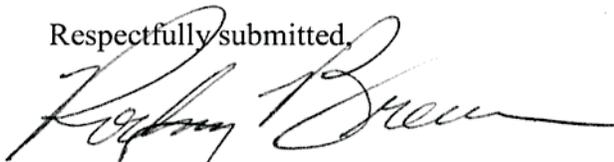
Kentucky Revised Statutes, Chapter 189.635 mandates that the Kentucky State Police collect and tabulate the traffic collision reports submitted by all law enforcement agencies across the Commonwealth.

In adherence to this statute, the Kentucky State Police proudly presents the 2007 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.

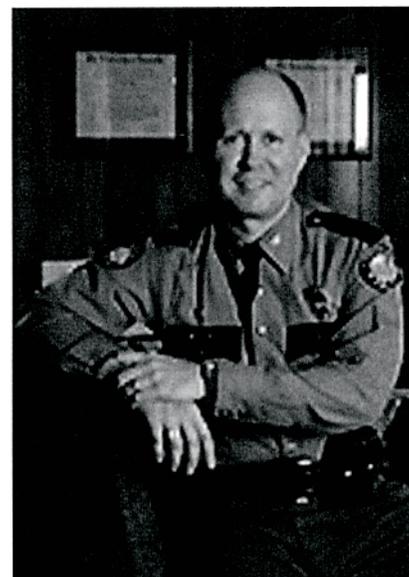
The Kentucky State Police would like to take this opportunity to thank all law enforcement agencies that contribute data. In addition, gratitude is also extended to the Kentucky Transportation Center, College of Engineering at University of Kentucky for their efforts in the successful completion of this report. For fourteen 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 2007 Collision Facts Report  
would like to  
remember  
the  
EIGHT HUNDRED SIXTY-FOUR  
who were victims of fatal traffic collisions  
on public roads  
during 2007.

# **KENTUCKY**

## **TRAFFIC COLLISION FACTS**

### **2007**

Prepared by:

**Kentucky Transportation Center  
College of Engineering  
University of Kentucky  
Lexington, Kentucky 40506-0281**

In Cooperation with:

**Kentucky State Police  
Commonwealth of Kentucky**

Please Direct Inquires to:

**Statistics Section  
Records Branch  
Kentucky State Police  
1250 Louisville Road  
Frankfort, Kentucky 40601  
(502) 226-2169**

# TABLE OF CONTENTS

<b>Message from the Governor, Commonwealth of Kentucky</b>	
<b>Transmittal Letter, Commissioner, Kentucky State Police</b>	
<b>Dedication</b>	
<b>Introduction</b> .....	<b>iii</b>
<b>2007 Collision Summary</b> .....	<b>1</b>
<b>Death and Injury Summary</b> .....	<b>2</b>
<b>Fatalities by Age and Sex</b> .....	<b>3</b>
<b>Severity of Injury by Type of Collision</b> .....	<b>4</b>
<b>Occurrence of Collisions by Type</b> .....	<b>5</b>
<b>Types of Collisions</b> .....	<b>6</b>
<b>Pedestrian Collisions</b> .....	<b>7</b>
<b>Hit-and-Run Collisions</b> .....	<b>8</b>
<b>Land Use</b> .....	<b>9</b>
<b>Collision Locations (Rural vs. Urban)</b> .....	<b>9</b>
<b>Location of Collisions (Type of Roadway)</b> .....	<b>10</b>
<b>Collisions on Interstates and Parkways</b> .....	<b>10</b>
<b>Collisions by Roadway Conditions and Roadway Character</b> .....	<b>11</b>
<b>Collisions by Light Condition</b> .....	<b>12</b>
<b>Two-Vehicle Collisions</b> .....	<b>13</b>
<b>Collisions by Day and Month</b> .....	<b>14</b>
<b>Holiday Collisions</b> .....	<b>15</b>
<b>Type of Vehicles Involved in Collisions</b> .....	<b>16</b>
<b>Truck Collisions</b> .....	<b>17</b>

<b>Driver Involvement by Residence and Sex</b> .....	<b>18</b>
<b>Age of Driver (All Collisions)</b> .....	<b>19</b>
<b>Age of Driver (Fatal Collisions)</b> .....	<b>20</b>
<b>Collisions Involving Teenage Drivers</b> .....	<b>21</b>
<b>Alcohol-Related Collisions</b> .....	<b>22</b>
<b>Safety Restraints</b> .....	<b>23</b>
<b>Intersection Collisions</b> .....	<b>24</b>
<b>Contributing Factors - All Collisions</b> .....	<b>27</b>
<b>Contributing Factors - Specific Type of Collision</b> .....	<b>29</b>
<b>Collisions by County</b> .....	<b>37</b>
<b>Collisions Involving Drinking Drivers by County</b> .....	<b>40</b>
<b>Drivers Under Influence of Drugs by County</b> .....	<b>43</b>
<b>Collisions by Area Development District</b> .....	<b>44</b>
<b>Alcohol and Drug Collisions by Area Development District</b> .....	<b>45</b>
<b>Collisions by County (Parking Lot/Private Property)</b> .....	<b>49</b>
<b>Types of Collisions (Parking Lot/Private Property)</b> .....	<b>52</b>
<b>Age of Driver (Parking Lot/Private Property)</b> .....	<b>53</b>
<b>Contributing Factors (Parking Lot/Private Property)</b> .....	<b>54</b>
<b>Fatality Analysis Reporting System</b> .....	<b>59</b>
<b>Drivers Involved in Fatal Collisions - Age and Alcohol Involvement</b> .....	<b>59</b>
<b>Alcohol Involvement by Age and Test Results for Drivers Involved in Fatal Collisions</b> .....	<b>60</b>
<b>Fatally Injured Pedestrians</b> .....	<b>60</b>
<b>Safety Restraints and Ejection in Fatal Collisions</b> .....	<b>61</b>
<b>Child Restraints in Fatal Collisions</b> .....	<b>62</b>
<b>Cost of Kentucky Traffic Collisions</b> .....	<b>63</b>
<b>Installing Your Safety Seat</b> .....	<b>64</b>

# INTRODUCTION

KENTUCKY'S TRAFFIC COLLISION FACTS report for 2007 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 2007 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**



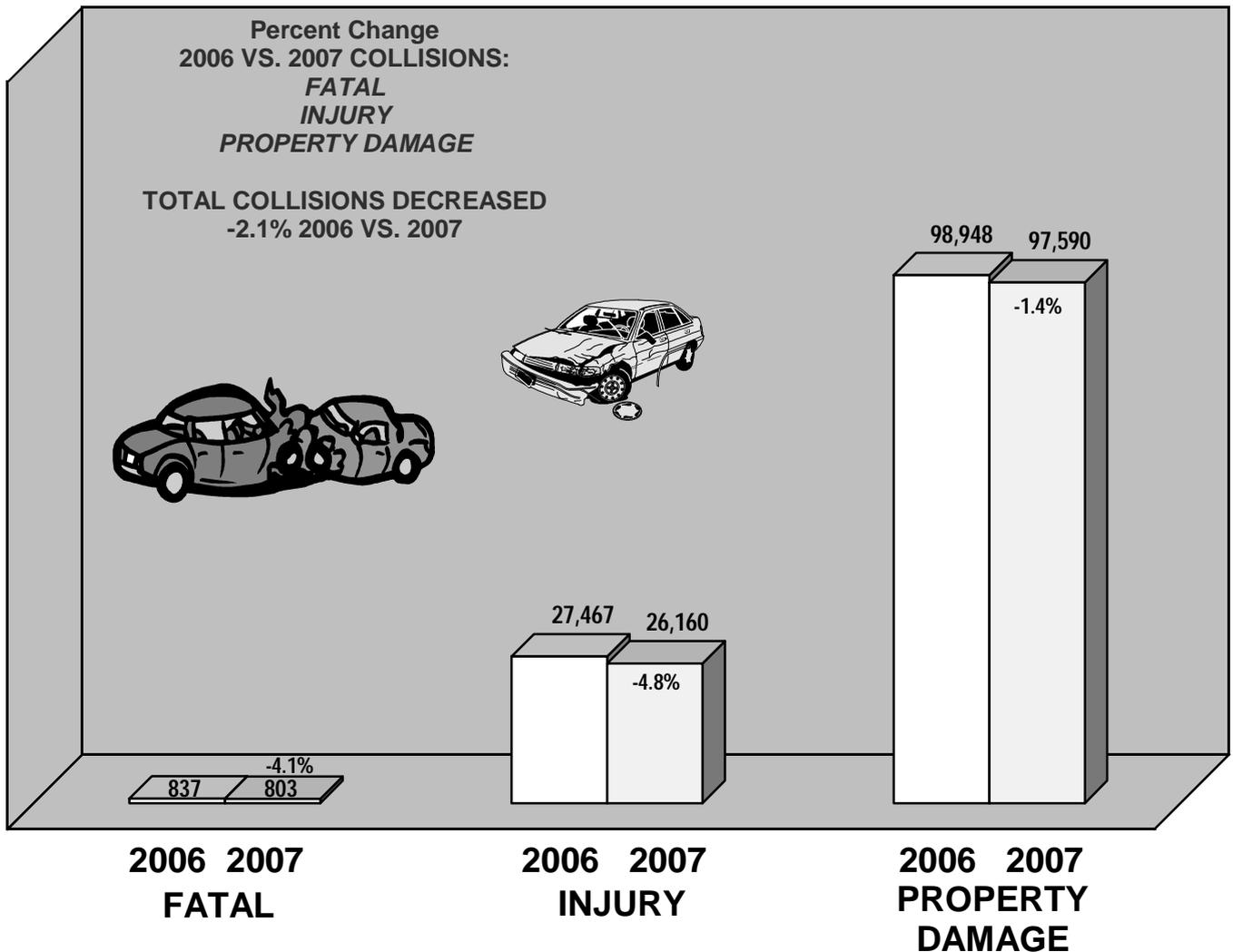
# 2007 COLLISION SUMMARY

TYPE COLLISION REPORTED	2006	2007	PERCENT CHANGE
FATAL (Public Roads)	837	803	-4.1
NONFATAL INJURY (Public Roads)	27,467	26,160	-4.8
PROPERTY DAMAGE ONLY (Public Roads)	98,948	97,590	-1.4
TOTAL NUMBER REPORTED (Public Roads)	127,252	124,553	-2.1
PARKING LOTS / PRIVATE PROPERTY	25,360	25,660	+1.2
TOTAL ALL REPORTED	152,612	150,213	-1.6
FATAL (Total)	854*	816**	-4.4

\* Includes 17 fatal collisions on parking lots / private property

\*\* Includes 13 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

	2006	2007	% CHANGE
<b>PERSONS KILLED - Public Roads</b>	913	864	-5.4
<b>PERSONS KILLED - Parking Lots / Private Property</b>	17	13	-23.5
<b>PERSONS KILLED (Total)</b>	930	877	-5.7
<b>PERSONS INJURED - Public Roads</b>	41,044	38,786	-5.5
<b>PERSONS INJURED - Parking Lots / Private Property</b>	1,246	1,188	-4.7
<b>PERSONS INJURED (Total)</b>	42,290	39,974	-5.5

**FACTS: APPROXIMATELY ONE OF EVERY 5,700 KENTUCKY RESIDENTS DIED AS A RESULT OF A FATAL TRAFFIC COLLISION ON A PUBLIC ROAD DURING 2007 IN KENTUCKY. ABOUT ONE IN 121 KENTUCKY RESIDENTS WAS INJURED IN A TRAFFIC COLLISION IN KENTUCKY.\***

**APPROXIMATELY ONE OF EVERY 14 DRIVERS LICENSED IN KENTUCKY WAS INVOLVED IN A TRAFFIC COLLISION IN KENTUCKY. ABOUT ONE OF 2,500 KENTUCKY DRIVERS WAS INVOLVED IN A FATAL COLLISION.\*\***

\* Based on 4,241,474 population estimate for Kentucky in 2007.

\*\* Based on 3,004,756 licensed drivers in Kentucky in 2007 (including learner permits).

A total of 864 persons were killed on public roads during 2007. The total number of traffic fatalities decreased 5.4%, with 49 less fatalities than during 2006.

38,786 persons were injured on public roads during 2007, a decrease of 5.5% from 2007, or 2,258 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 hospital.

TYPE INJURY	NUMBER	%
<b>INCAPACITATING INJURY</b>		
Public Roads	5,082	13
Parking Lots / Private Property	105	9
<b>NON-INCAPACITATING INJURY</b>		
Public Roads	14,275	37
Parking Lots / Private Property	417	35
<b>POSSIBLE INJURY</b>		
Public Roads	19,429	50
Parking Lots / Private Property	666	56
<b>TOTAL</b>		
Public Roads	38,786	
Parking Lots / Private Property	1,188	

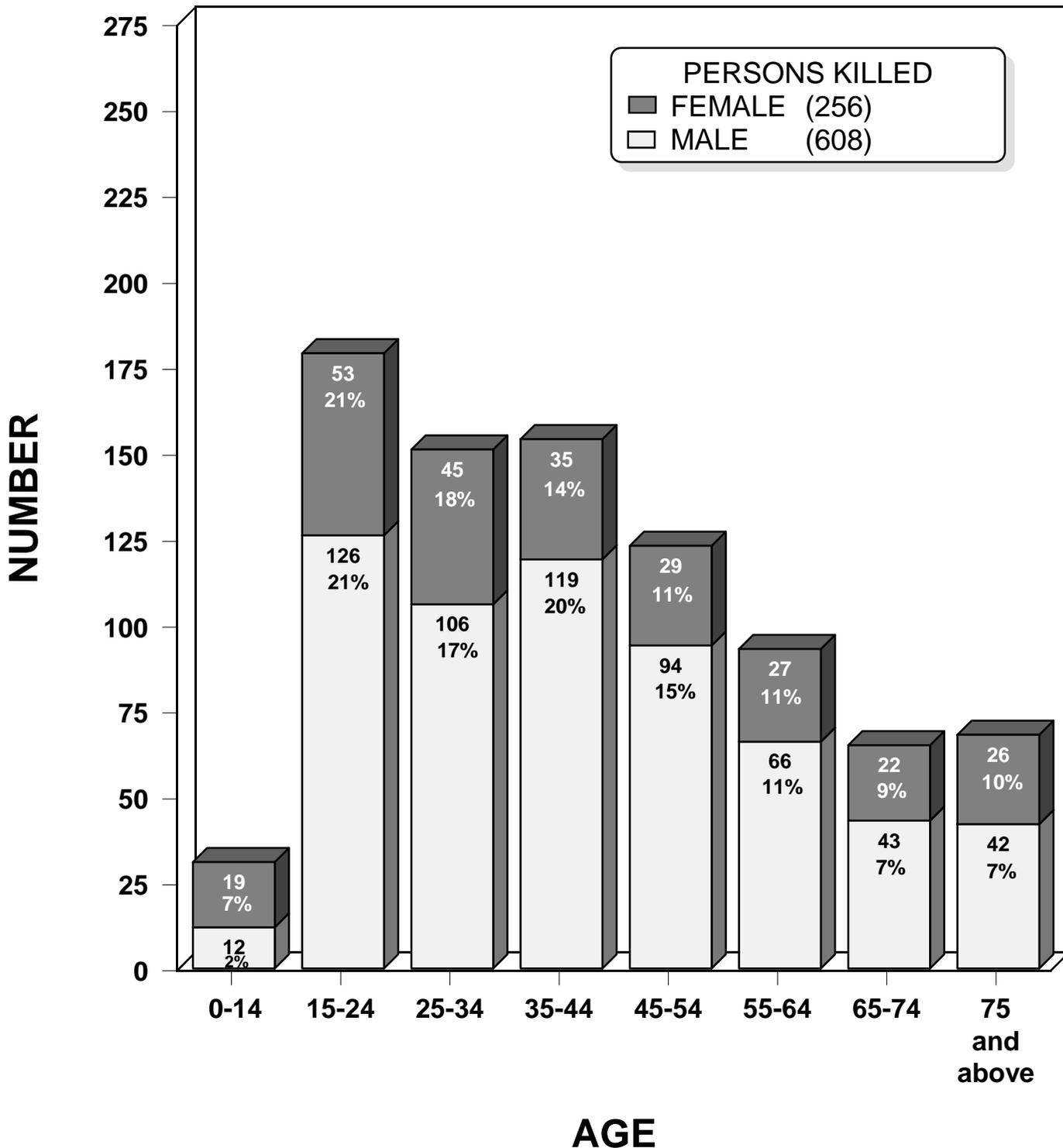
<b>TOTAL DEATH RATES</b> (deaths per 100 million miles traveled*)			
YEAR	KILLED	RATE**	
		KY	U.S.
1993	875	2.24	1.75
1994	791	1.99	1.73
1995	856	2.08	1.73
1996	846	1.99	1.69
1997	865	1.93	1.64
1998	869	1.87	1.58
1999	819	1.71	1.55
2000	823	1.76	1.53
2001	843	1.78	1.51
2002	915	1.96	1.51
2003	928	1.98	1.48
2004	964	2.07	1.44
2005	985	2.08	1.46
2006	913	1.92	1.41
2007	864	1.80	1.37

\*Miles traveled in Kentucky in 2007 = 47.9 billion

\*\*Public Roads

# FATALITIES BY AGE AND SEX

The number of persons killed in fatal collisions in 2007 is shown by age and sex in the chart below. There were 608 males versus 256 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 (25%) account for 88% of the fatalities and injuries during 2007.

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	81,634	296	328	2,678	8,449	13,352	62.6
COLLISION WITH FIXED OBJECT	23,026	324	343	1,602	3,906	3,897	24.6
OTHER NON COLLISION	2,987	49	51	183	440	482	2.9
COLLISION WITH PEDESTRIAN	898	46	47	154	313	364	2.2
NON COLLISION OVERTURNED	1,786	64	69	248	503	527	3.4
COLLISION WITH OTHER OBJECT	2,085	7	8	65	188	320	1.5
COLLISION WITH PEDALCYCLIST	433	2	2	46	150	137	0.8
COLLISION WITH PARKED VEHICLE	6,827	5	5	61	169	191	1.1
COLLISION WITH DEER	2,797	3	3	16	75	65	0.4
COLLISION WITH OTHER ANIMAL	2,019	1	1	26	71	88	0.5
COLLISION WITH TRAIN	61	6	7	3	11	6	0.1
<b>TOTALS</b>	<b>124,553</b>	<b>803</b>	<b>864</b>	<b>5,082</b>	<b>14,275</b>	<b>19,429</b>	<b>100.0</b>

# OCCURRENCE OF COLLISIONS BY TYPE

Sixty-six (66) percent of all collisions reported during 2007 involved collisions between two or more moving vehicles (not in a parking lot).

Eighteen (18) percent of all collisions involved collisions with fixed objects.

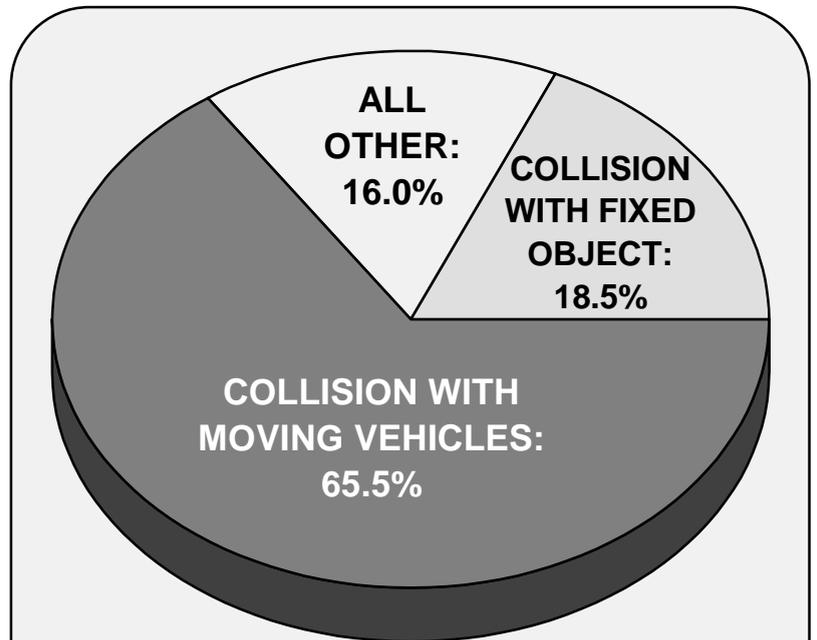
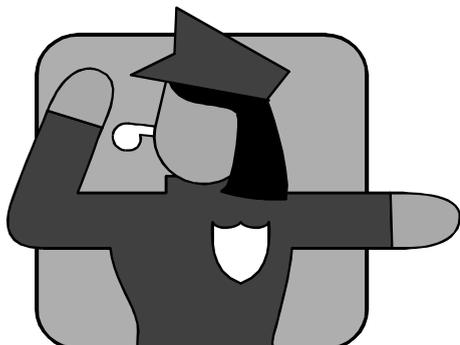
Sixteen (16) percent of all collisions did not involve a collision with either a moving vehicle or a fixed object. About 12% were other types of collisions (vehicle with pedestrian, deer, pedalcyclist, etc.) while the remainder were non-collisions (vehicle overturning and other non-collisions).

When looking at fatal collisions, the ratio among types of occurrences is different. Thirty-seven (37) percent of all fatal collisions involved a collision with another moving vehicle.

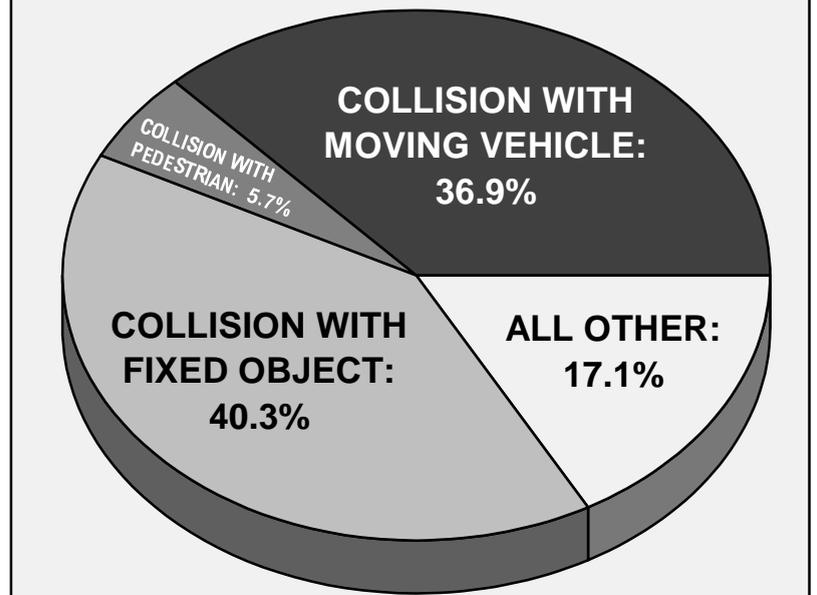
Forty (40) percent of the fatal collisions reported during 2007 involved collisions with fixed objects.

Collisions with pedestrians accounted for 6% of the fatal collisions. Seventeen (17) percent of the fatal collisions were other type collisions. Most of these (15%) 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.



## ALL COLLISIONS



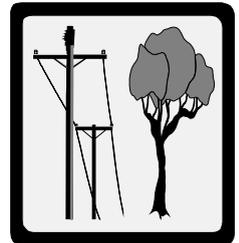
## FATAL COLLISIONS

# TYPES OF COLLISIONS

Collisions with other moving motor vehicles were responsible for 66% of all collisions reported during 2007, and accounted for 38% of all fatalities (persons killed). Collisions with fixed objects accounted for 18% of all collisions, but 40% of fatalities. Types of collisions are depicted below.

## COLLISIONS WITH FIXED OBJECT:

Total Collisions: 23,026  
 % of Total Collisions: 18.49%  
 Persons Killed: 343  
 % of Total Fatalities: 39.70%  
 No. of Fatal Collisions: 324  
 % of All Fatal Collisions: 40.35%

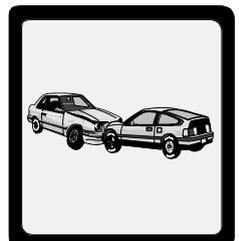


## COLLISIONS WITH PEDESTRIAN:

Total Collisions: 898  
 % of Total Collisions: 0.72%  
 Persons Killed: 47  
 % of Total Fatalities: 5.44%  
 No. of Fatal Collisions: 46  
 % of All Fatal Collisions: 5.73%

## COLLISIONS WITH MOVING MOTOR VEHICLE:

Total Collisions: 81,634  
 % of Total Collisions: 65.54%  
 Persons Killed: 328  
 % of Total Fatalities: 37.96%  
 No. of Fatal Collisions: 296  
 % of All Fatal Collisions: 36.86%

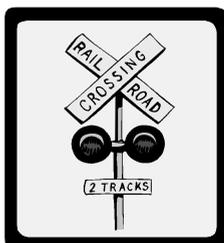
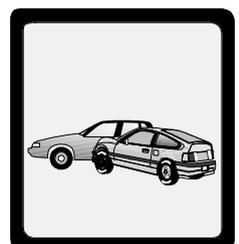


## COLLISIONS WITH PEDALCYCLIST:

Total Collisions: 433  
 % of Total Collisions: 0.35%  
 Persons Killed: 2  
 % of Total Fatalities: 0.23%  
 No. of Fatal Collisions: 2  
 % of All Fatal Collisions: 0.25%

## PARKED VEHICLE COLLISIONS:

Total Collisions: 6,827  
 % of Total Collisions: 5.48%  
 Persons Killed: 5  
 % of Total Fatalities: 0.58%  
 No. of Fatal Collisions: 5  
 % of All Fatal Collisions: 0.62%



## COLLISIONS WITH RAILWAY TRAIN:

Total Collisions: 61  
 % of Total Collisions: 0.05%  
 Persons Killed: 7  
 % of Total Fatalities: 0.81%  
 No. of Fatal Collisions: 6  
 % of All Fatal Collisions: 0.75%

## COLLISIONS WITH OTHER OBJECTS:

Total Collisions: 2,085  
 % of Total Collisions: 1.67%  
 Persons Killed: 8  
 % of Total Fatalities: 0.93%  
 No. of Fatal Collisions: 7  
 % of All Fatal Collisions: 0.87%

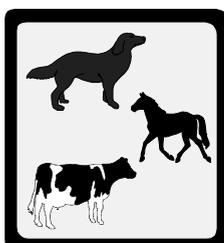


## COLLISIONS WITH DEER:

Total Collisions: 2,797  
 % of Total Collisions: 2.25%  
 Persons Killed: 3  
 % of Total Fatalities: 0.35%  
 No. of Fatal Collisions: 3  
 % of All Fatal Collisions: 0.37%

## NON-COLLISIONS OVERTURNED:

Total Collisions: 1,786  
 % of Total Collisions: 1.43%  
 Persons Killed: 69  
 % of Total Fatalities: 7.99%  
 No. of Fatal Collisions: 64  
 % of All Fatal Collisions: 7.97%



## COLLISIONS WITH ANIMALS (excluding deer):

Total Collisions: 2,019  
 % of Total Collisions: 1.62%  
 Persons Killed: 1  
 % of Total Fatalities: 0.12%  
 No. of Fatal Collisions: 1  
 % of All Fatal Collisions: 0.12%

## OTHER NON-COLLISIONS:

Total Collisions: 2,987  
 % of Total Collisions: 2.40%  
 Persons Killed: 51  
 % of Total Fatalities: 5.90%  
 No. of Fatal Collisions: 49  
 % of All Fatal Collisions: 6.10%





# PEDESTRIAN COLLISIONS



Forty-seven (47) pedestrians were killed and 898 were injured in traffic collisions in 2007. 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. Twenty (20) percent of the pedestrians killed or injured were 14 years of age or younger, while 7% 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	3	58	1	4	1	14	5	17	17	2	0
At Intersection	5	101	0	2	5	18	10	27	30	14	0
Crossing Against Signal	4	48	2	1	7	3	3	20	14	2	0
Crossing With Signal	1	99	0	0	4	11	12	26	30	17	0
Dark Clothing / Not Visible	12	79	0	1	0	12	13	34	20	11	0
Darting into Roadway	5	188	15	49	36	38	9	32	12	2	0
Drinking	8	34	0	0	0	2	3	22	14	1	0
Drug Related	0	4	0	0	0	0	0	4	0	0	0
Getting On or Off Vehicle	1	20	0	0	2	2	2	8	6	1	0
In Crosswalk	3	98	0	1	7	10	10	28	27	17	1
Jogging	0	14	0	0	1	3	1	7	2	0	0
Lying in Roadway	4	7	0	0	0	0	2	6	2	0	1
Not at Intersection	8	99	0	4	6	16	11	37	27	6	0
Not in Roadway	14	93	0	3	5	14	6	21	55	3	0
Physical Impairment	1	11	0	0	0	1	0	7	3	1	0
Playing in Roadway	0	19	5	9	5	0	0	0	0	0	0
Pushing Vehicle	1	2	0	0	0	0	0	2	1	0	0
Skating/Skateboarding	0	12	0	0	8	4	0	0	0	0	0
Walking in Roadway	15	152	2	6	14	26	14	51	41	13	0
Working in Roadway	1	18	1	0	0	0	2	8	7	1	0
Working on Vehicle	0	28	0	0	0	0	3	13	12	0	0
<b>TOTAL*</b>	<b>86</b>	<b>1,184</b>	<b>26</b>	<b>80</b>	<b>101</b>	<b>174</b>	<b>106</b>	<b>370</b>	<b>320</b>	<b>91</b>	<b>2</b>

PEDESTRIAN FACTOR	VEHICLE ACTION								
	Straight	Right Turn	Left Turn	Parking	Starting in Traffic	Slowing	Backing	Other	TOTAL
Approaching or Leaving Vehicle	28	1	1	21	1	2	7	10	71
At Intersection	41	24	25	2	7	0	4	6	109
Crossing Against Signal	32	4	10	0	3	2	0	5	56
Crossing With Signal	14	26	54	0	6	2	0	4	106
Dark Clothing / Not Visible	60	3	13	0	1	1	3	2	83
Darting into Roadway	176	1	3	1	2	7	1	13	204
Drinking	32	2	0	0	0	2	0	2	38
Drug Related	3	0	0	0	1	0	0	0	4
Getting On or Off Vehicle	11	0	0	11	0	0	2	5	29
In Crosswalk	29	22	41	3	3	1	1	1	101
Jogging	12	0	1	0	0	2	0	0	15
Lying in Roadway	9	0	0	0	0	0	0	1	10
Not at Intersection	72	0	12	2	0	4	5	7	102
Not in Roadway	33	1	7	23	0	1	5	13	83
Physical Impairment	7	1	2	1	1	0	1	0	13
Playing in Roadway	13	0	0	0	1	1	3	1	19
Pushing Vehicle	2	0	0	1	0	0	0	2	5
Skating/Skateboarding	9	1	3	1	0	1	0	1	16
Walking in Roadway	106	7	13	6	1	3	11	13	160
Working in Roadway	14	1	2	3	1	1	1	2	25
Working on Vehicle	14	0	0	17	0	0	1	2	34
<b>TOTAL*</b>	<b>717</b>	<b>94</b>	<b>187</b>	<b>92</b>	<b>28</b>	<b>30</b>	<b>45</b>	<b>90</b>	<b>1,283</b>

\* 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 2007, there were 10,520 hit-and-run collisions, of which 16 were fatal collisions and 1,091 were injury collisions. As depicted in the chart below, most of Kentucky's hit-and-run collisions were property damage collisions (89%). Eighteen (18) persons were killed and 1,459 were injured.

TOTAL	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE COLLISIONS	PERSONS KILLED	PERSONS INJURED
10,520	16	1,091	9,413	18	1,459

## HIT-AND-RUN VICTIMS

As shown in the chart below, 7 of the 18 persons killed in hit-and-run collisions were pedestrians and none were pedalcyclists. One hundred thirty-eight (138) pedestrians and 46 pedalcyclists were injured.

TYPE OF VICTIM	PERSONS KILLED	PERSONS INJURED
Pedestrian	7	138
Pedalcyclist	0	46
Other	11	1,275
<b>TOTAL</b>	<b>18</b>	<b>1,459</b>

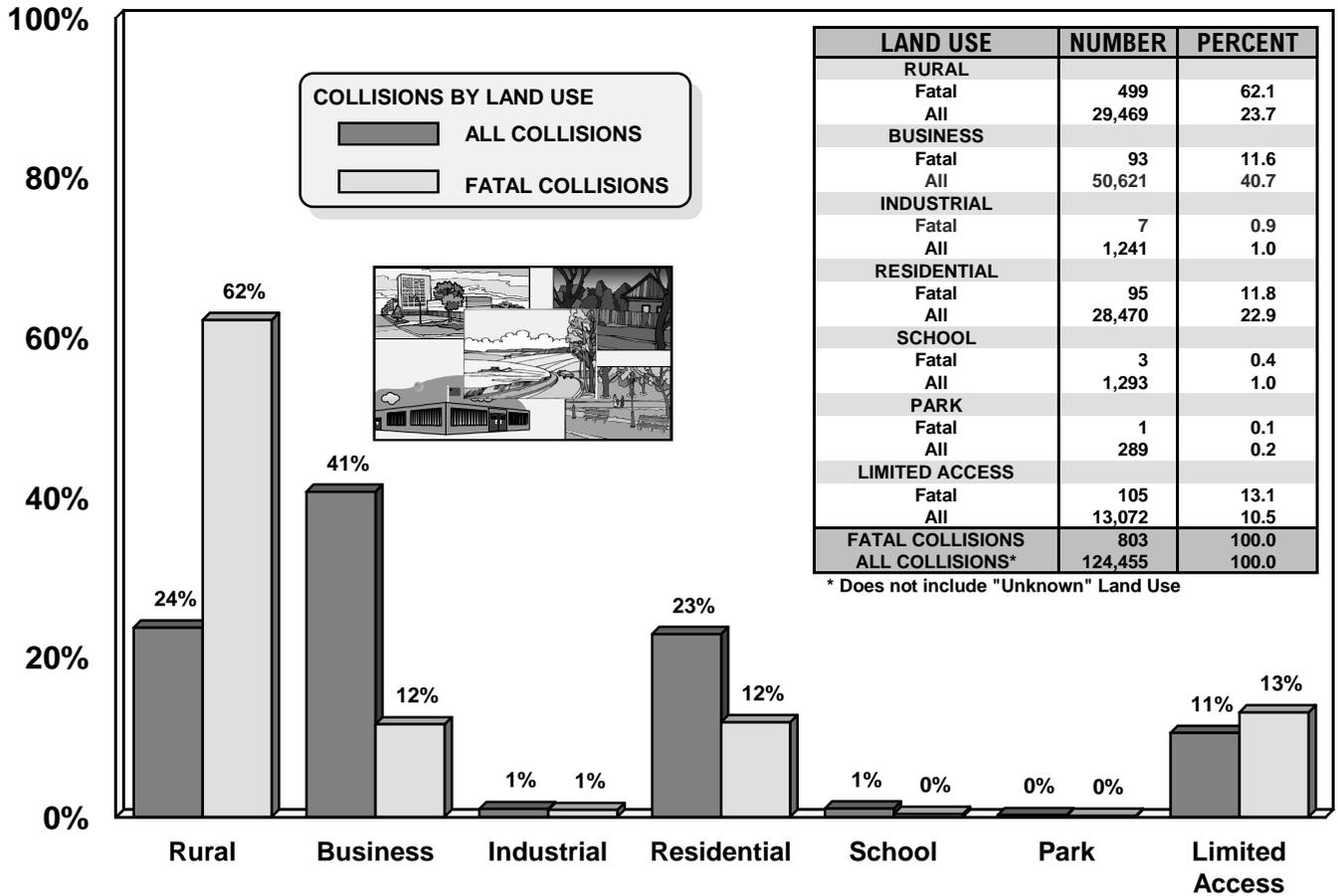


## LOCATION OF HIT-AND-RUN COLLISIONS

The location of hit-and-run collisions are shown in the chart below. The largest percentage of hit-and-run collisions (43%) occurred on city streets, followed by 22% on state routes, and 17% on U.S. routes.

TYPE OF ROADWAY	ALL HIT-AND-RUN COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE
INTERSTATE	787	1	83	703
U.S. ROUTE	1,819	3	250	1,566
STATE ROUTE	2,324	9	329	1,986
PARKWAY	30	0	4	26
COUNTY ROADS	626	0	77	549
CITY STREETS	4,552	3	320	4,229
OTHER	382	0	28	354
<b>TOTAL</b>	<b>10,520</b>	<b>16</b>	<b>1,091</b>	<b>9,413</b>

# 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 (64%) occurred in urban areas. However, the majority of fatal collisions (60%) took place in rural areas of Kentucky during 2007. 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
<b>RURAL</b>	44,558	36	483	60	10,862	42	33,213	34	525	61	16,268	42
<b>URBAN</b>	79,995	64	320	40	15,298	58	64,377	66	339	39	22,518	58
<b>TOTAL</b>	124,553	100	803	100	26,160	100	97,590	100	864	100	38,786	100

# LOCATION OF COLLISIONS

The chart at right shows the number of collisions during 2007 by type of roadway, with percentages of all collisions.

Thirty-two (32) percent of all collisions occurred on Kentucky's "State Numbered" roads, with 48% of all fatal collisions reported during 2007 occurring on this type of roadway.

Although 26% 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	85	2,066	8,290	8
U.S. ROUTE	202	6,784	23,448	24
STATE ROUTE	387	10,220	29,707	32
PARKWAY	12	291	1,027	1
COUNTY ROAD	76	1,931	5,992	6
CITY STREET	38	4,551	27,191	26
Other	3	317	1,935	2
<b>TOTAL</b>	<b>803</b>	<b>26,160</b>	<b>97,590</b>	<b>100</b>

## 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	420	4	108	308	4	177
I-64	1,790	12	333	1,445	14	477
I-65	2,194	27	451	1,716	30	744
I-71	854	12	176	666	13	255
I-75	2,626	18	525	2,083	23	739
I-264	1,010	2	193	815	2	287
I-265	594	6	111	477	6	152
I-275	687	4	133	550	4	182
I-471	266	0	36	230	0	54
<b>TOTAL</b>	<b>10,441</b>	<b>85</b>	<b>2,066</b>	<b>8,290</b>	<b>96</b>	<b>3,067</b>

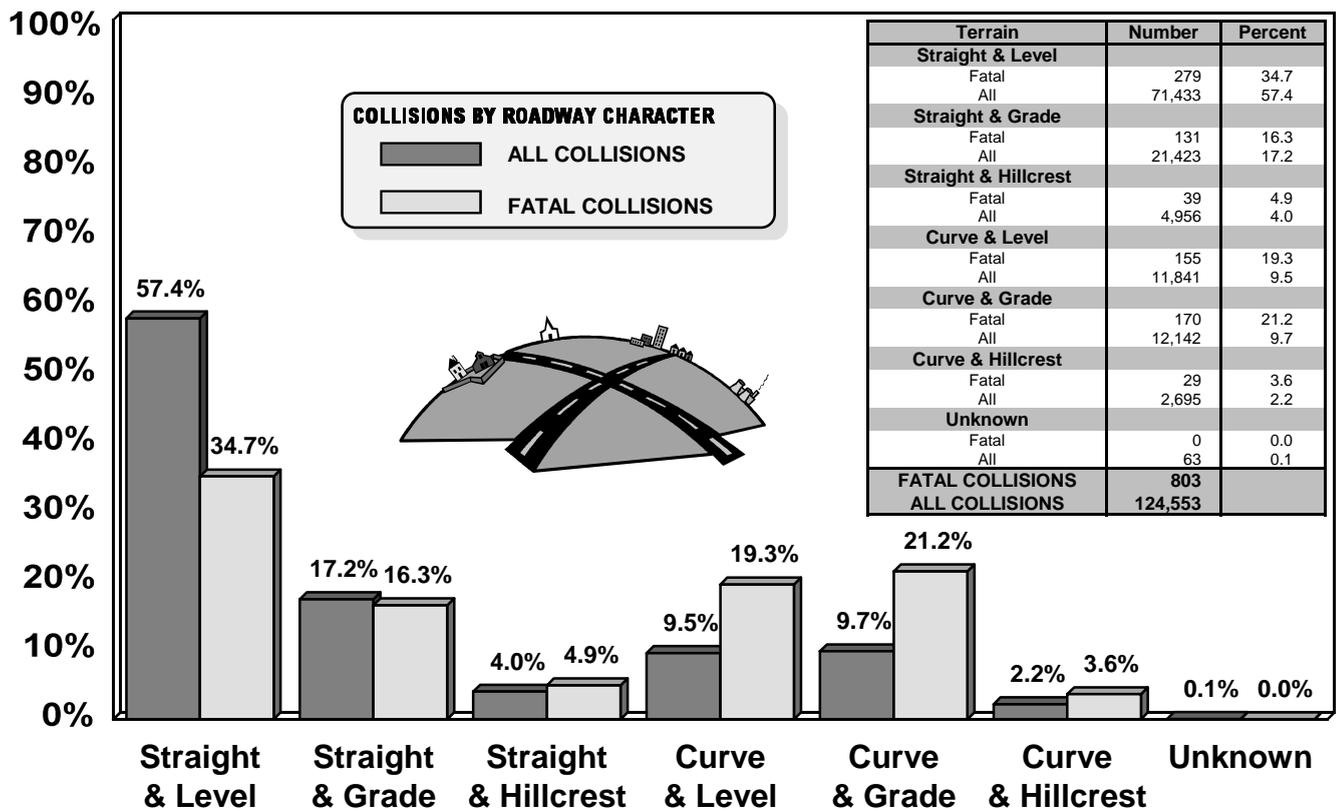
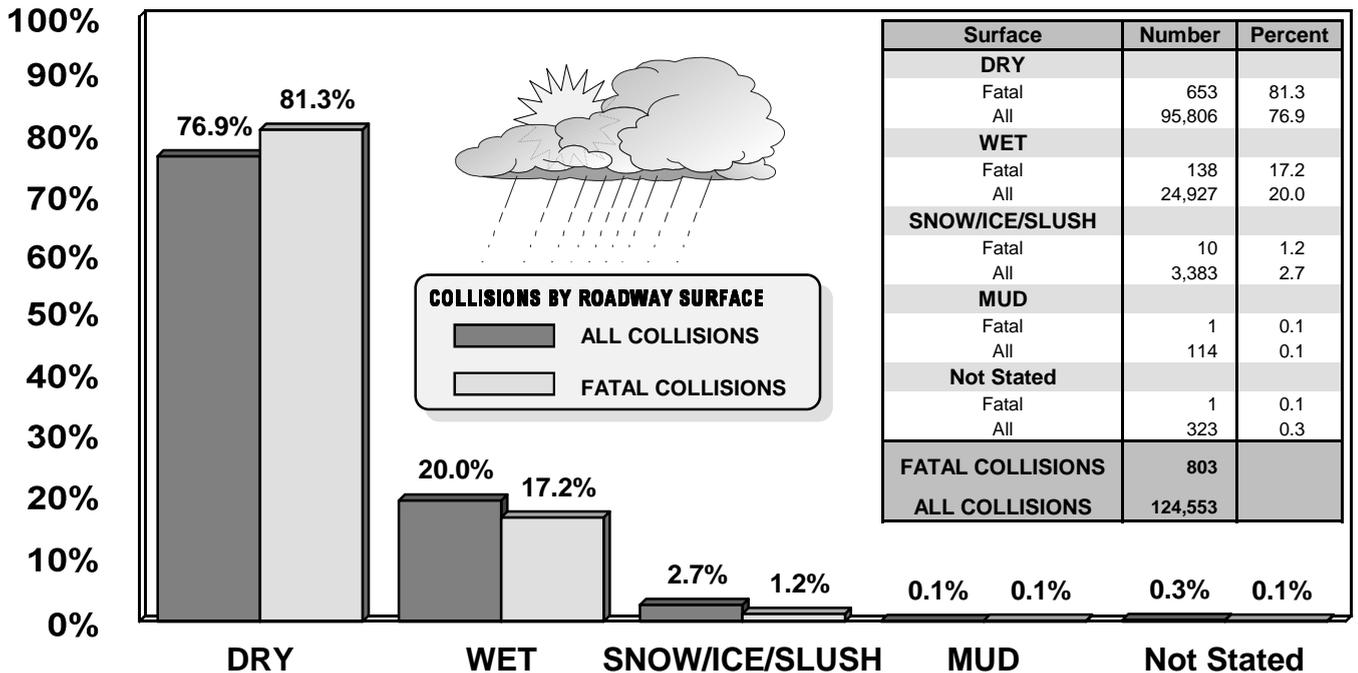
PARKWAY	Collisions	Fatal Collisions	Nonfatal Injury	Property Damage	Number Killed	Number Injured
Audubon	62	0	20	42	0	26
Martha L. Collins	181	1	39	141	1	59
Edward Breathitt	227	0	42	185	0	53
Hal Rodgers	108	2	38	68	2	74
Louie Nunn	102	1	25	76	1	33
Bert Combs Mtn.	98	3	28	67	3	41
William Natcher	171	1	31	139	1	41
Julian Carroll	117	2	20	95	2	23
Wendell Ford	264	2	48	214	3	63
<b>TOTAL</b>	<b>1,330</b>	<b>12</b>	<b>291</b>	<b>1,027</b>	<b>13</b>	<b>413</b>

# 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.

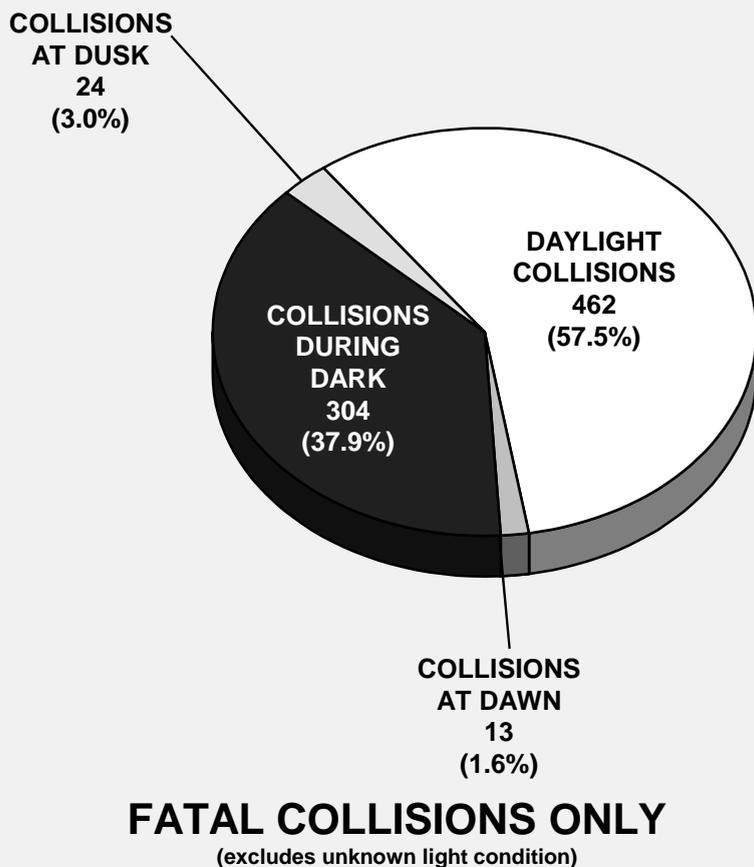
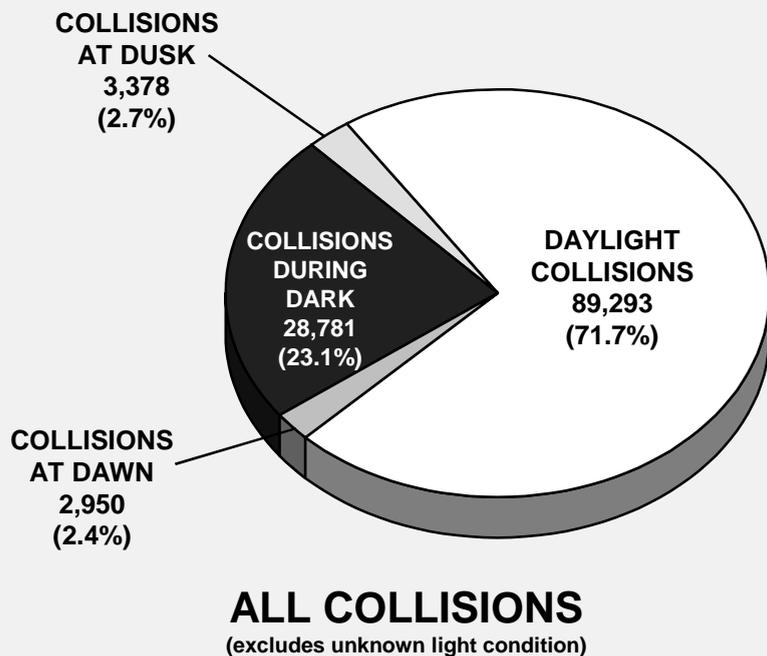
As depicted in the bottom chart, 79% of all collisions occurred on straight roads and 21% on curved roads. Forty-four (44) percent of the fatal collisions during 2007 occurred on curved roads.



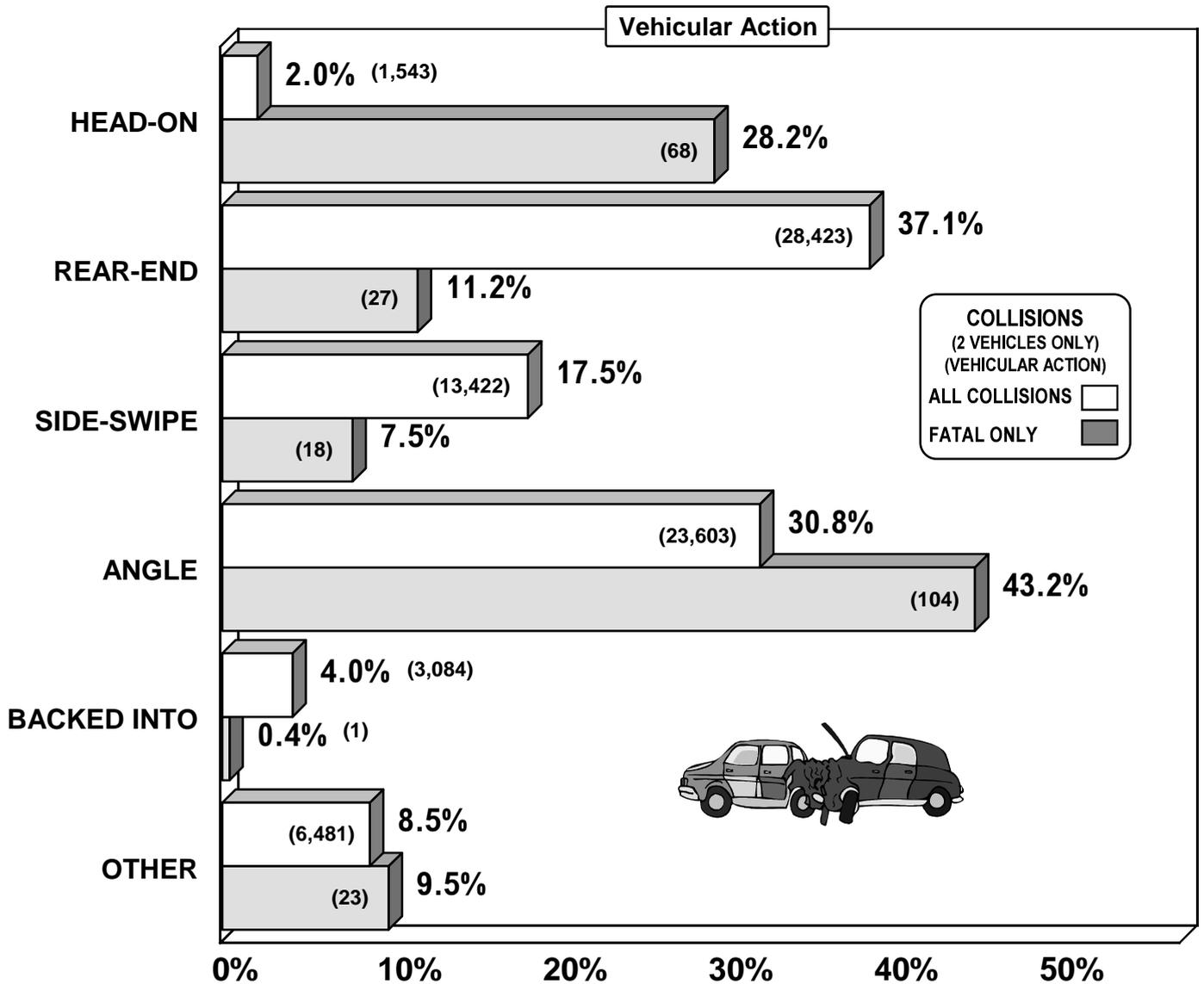
# COLLISIONS BY LIGHT CONDITION

Seventy-two (72) percent of all collisions reported during 2007 occurred during daylight hours. Twenty-three (23) 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, 38% occurred during dark hours, and 5% at dawn or dusk.



# TWO-VEHICLE COLLISIONS



76,566 traffic collisions (including 241 fatal collisions) reported during 2007 involved "two-vehicle" collisions. These collisions represent 61% of collisions and 30% 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.

Head-on collisions accounted for only 2% of the total collisions involving two vehicles, but 28% of the fatal collisions.

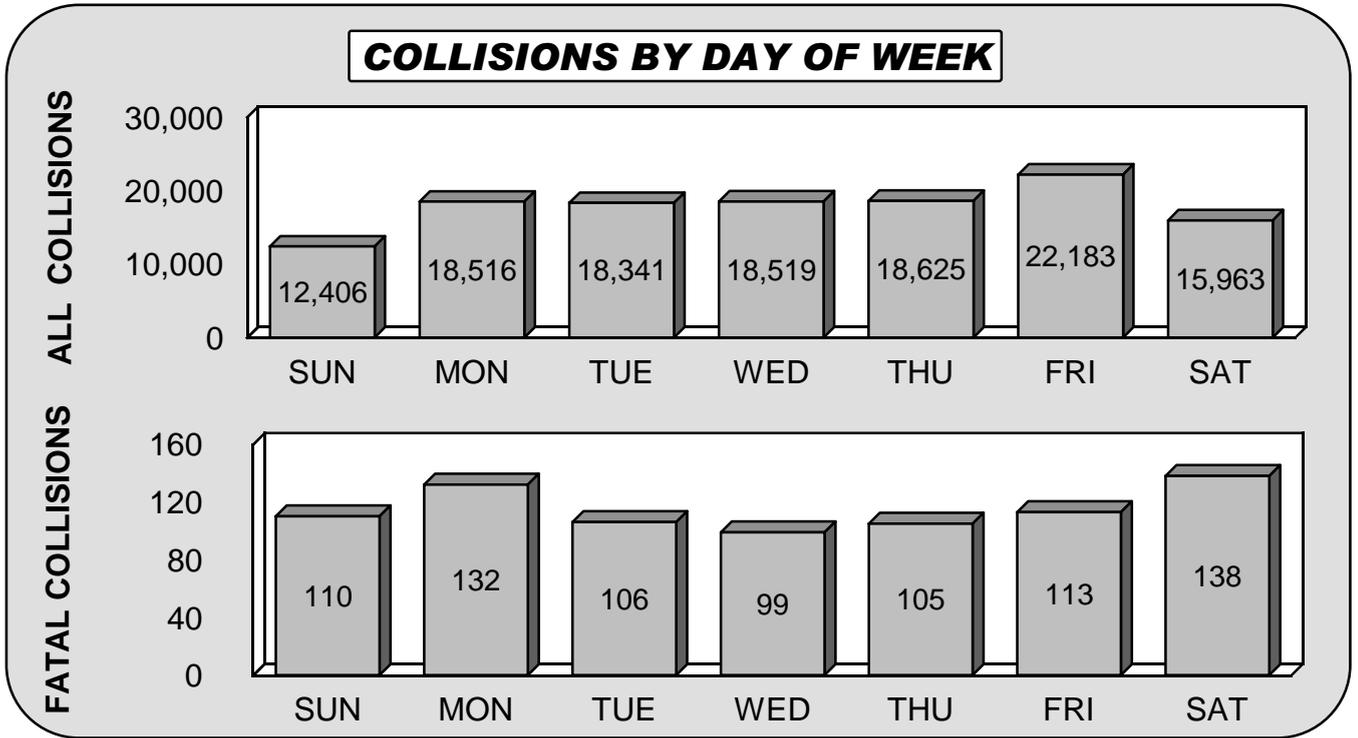
Rear-end collisions reflect 37% of all two-vehicle collisions, but only 11% of the fatal collisions.

Sideswipe collisions (both meeting and passing) reflect 18% of all collisions and 7% of the fatal collisions.

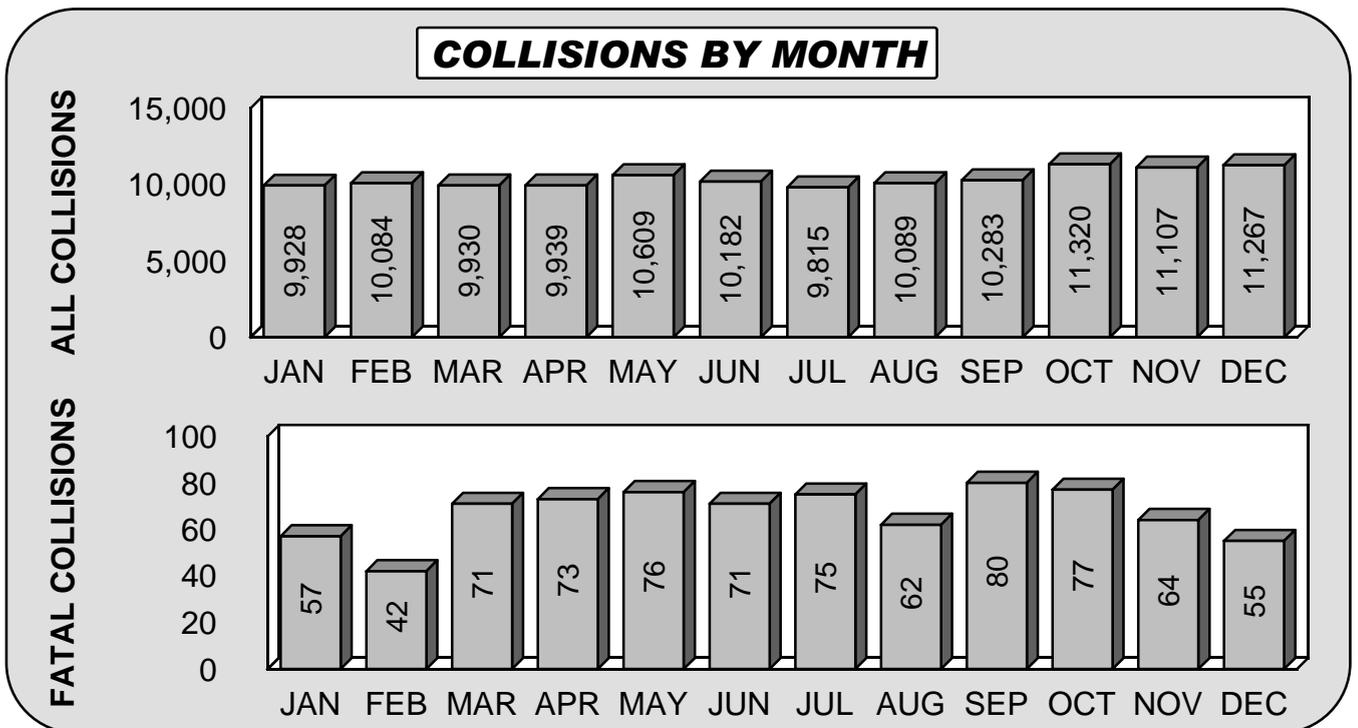
Angle collisions, at 43%, represent the highest percentage of fatal collisions.

# 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 July showed the lowest number of total collisions. September reported the highest number of fatal collisions; February 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 2007 was 45 as compared to 67 in 2007.

HOLIDAY PERIOD	2003		2004		2005		2006		2007	
	Number	Alcohol Involved								
NEW YEAR'S DAY	5	2	5	2	8	1	5	2	8	3
MEMORIAL DAY	6	1	16	3	7	3	16	2	8	1
INDEPENDENCE DAY	5	0	9	4	11	4	16	4	0	0
LABOR DAY	11	1	17	1	12	2	9	2	14	3
THANKSGIVING	11	2	16	2	12	3	14	3	11	3
CHRISTMAS	6	2	2	0	8	2	7	2	8	3
<b>TOTAL</b>	<b>44</b>	<b>8</b>	<b>65</b>	<b>12</b>	<b>58</b>	<b>15</b>	<b>67</b>	<b>15</b>	<b>49</b>	<b>13</b>

## HOLIDAY TIMES AND DATES

The times and dates below were designated by the National Safety Council for holidays in 2007.

HOLIDAY	START	END
New Year's Day	6:00 pm Friday, December 29, 2006	11:59 pm Monday, January 1, 2007
Memorial Day	6:00 pm Friday, May 25	11:59 pm Monday, May 28
Independence Day	6:00 pm Tuesday, July 3	11:59 pm Wednesday, July 4
Labor Day	6:00 pm Friday, August 31	11:59 pm Monday, September 3
Thanksgiving	6:00 pm Wednesday, November 21	11:59 pm Sunday, November 25
Christmas	6:00 pm Friday, December 21	11:59 pm Tuesday, December 25

## COMPARISON OF HOLIDAY FATALITIES/COLLISIONS

The Labor Day holiday period registered the highest number of fatalities during 2007. 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	INDEPENDENCE DAY	LABOR DAY	THANKSGIVING	CHRISTMAS
NO. PERSONS KILLED	8	8	0	14	11	8
NO. PERSONS INJURED	201	355	108	336	390	298
FATAL COLLISIONS	6	8	0	14	11	7
INJURY COLLISIONS	138	229	79	211	228	196
PROPERTY DAMAGE	623	598	228	553	917	812
<b>TOTAL COLLISIONS</b>	<b>767</b>	<b>835</b>	<b>307</b>	<b>778</b>	<b>1,156</b>	<b>1,015</b>



# TYPE VEHICLES INVOLVED IN COLLISIONS

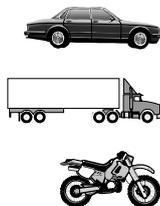


VEHICLE TYPE	VEHICLES INVOLVED IN ALL COLLISIONS	PERCENT OF TOTAL	VEHICLES INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL
Passenger Cars*	203,522	90.38	940	73.61
Taxicabs	151	0.07	0	0.00
Trucks	9,831	4.37	114	8.93
Motorcycles	2,126	0.94	117	9.16
Motor Scooters/Motor Bikes	198	0.09	4	0.31
School Buses	815	0.36	2	0.16
Other Buses	581	0.26	2	0.16
Farm Tractors/Equipment	205	0.09	4	0.31
Emergency	1,078	0.48	6	0.47
Other Public Owned	356	0.16	1	0.08
Other	5,898	2.62	87	6.81
Not Stated	414	0.18	0	0.00
<b>TOTAL</b>	<b>225,175</b>	<b>100.00</b>	<b>1,277</b>	<b>100.00</b>

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

There were 225,175 vehicles involved in collisions during 2007. Of this total, 177,698 were involved in property damage only collisions, 46,200 were involved in injury collisions, and 1,277 were involved in fatal collisions. The majority (90%) of the vehicles involved in all collisions were passenger cars (74% in fatal collisions). Trucks accounted for 4.4% of vehicles in all collisions, but accounted for 8.9% of vehicles in fatal collisions. Motorcycles represented 9.2% of the vehicles in fatal collisions, but only 0.9% of vehicles in all collisions.

## VEHICLES REGISTERED IN KENTUCKY 2007



<b>PASSENGER CARS</b>	<b>2,758,096<sup>♦</sup></b>
<b>COMMERCIAL TRUCKS</b>	<b>177,769<sup>♦</sup></b>
<b>MOTORCYCLES</b>	<b>96,522</b>
<b>Other (Inc. Special Issue Plates)</b>	<b>730,736</b>
<b>TOTAL (ALL TYPES)</b>	<b>3,763,123</b>



<sup>♦</sup> Vehicle registration classification changed from 2006.

# 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 9,831 trucks were involved in collisions and 114 trucks involved in fatal collisions.***

CONTRIBUTING VEHICULAR FACTORS	NUMBER OF TRUCKS INVOLVED IN:					
	ALL COLLISIONS		FATAL COLLISIONS		NONFATAL INJURY COLLISIONS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
Load Securement	188	1.80	2	1.75	16	0.84
Tire Failure	127	1.22	3	2.63	14	0.74
Brakes Defective	93	0.89	3	2.63	32	1.68
Tow Hitch Defective / Separation of Units	76	0.73	0	0.00	7	0.37
Oversized Load on Vehicle	74	0.71	2	1.75	11	0.58
Other Lighting Defective	31	0.30	0	0.00	8	0.42
Steering Failure	29	0.28	0	0.00	6	0.32
Overweight	20	0.19	4	3.51	5	0.26
Headlights Defective	1	0.01	0	0.00	0	0.00
Other	339	3.25	3	2.63	53	2.79

The chart below shows the total number of truck collisions, as well as those with hazardous cargo, by type of roadway. ***There were 9,176 collisions in which a truck was involved. This resulted in 115 fatalities and 2,301 injuries.*** Twenty-two (22) percent of the truck collisions occurred on county or city streets, 24% on interstates, and 50% on U.S. and state-numbered routes. Twenty-six (26) percent of the hazardous cargo collisions occurred on interstates and 63% 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	30	415	1,782	2,227	0	10	24	34
US Route	27	429	1,504	1,960	0	11	32	43
State Route	36	539	2,050	2,625	0	15	25	40
Parkway	1	45	156	202	0	0	2	2
County	6	51	360	417	0	0	1	1
City Street	3	117	1,457	1,577	0	1	8	9
Other	1	11	156	168	0	0	2	2
<b>TOTAL</b>	<b>104</b>	<b>1,607</b>	<b>7,465</b>	<b>9,176</b>	<b>0</b>	<b>37</b>	<b>94</b>	<b>131</b>

The residence of truck drivers involved in collisions is shown below. Thirty-four (34) percent of the drivers, with known residences, were non-residents of Kentucky. This percentage is 44% for fatal collisions and 34% for injury collisions. Local residents live in the county where the collision occurred.

RESIDENCE OF DRIVERS IN TRUCK COLLISIONS	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS
Local Resident	2,269	12	374
State Resident	2,775	26	471
Out of State Resident	2,648	30	432
Not Stated	2,139	46	414
<b>TOTAL</b>	<b>9,831</b>	<b>114</b>	<b>1,691</b>

# DRIVER INVOLVEMENT



## RESIDENCE OF DRIVER



There were 208,819 drivers involved in collisions during 2007. Of these, 1,193 drivers were involved in fatal collisions. The chart below tabulates driver involvement by residence and shows that most drivers (68% 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	138,150	66.2	67.5
STATE RESIDENT	47,262	22.6	23.1
OUT OF STATE	19,388	9.3	9.5
NOT STATED	4,019	1.9	
<b>TOTAL</b>	<b>208,819</b>	<b>100.0</b>	<b>100.0</b>

RESIDENCE OF DRIVER	NUMBER INVOLVED IN FATAL COLLISIONS	PERCENT OF TOTAL	PERCENT OF TOTAL EXCLUDING NOT STATED
LOCAL RESIDENT	710	59.5	59.6
STATE RESIDENT	313	26.2	26.3
OUT OF STATE	168	14.1	14.1
NOT STATED	2	0.2	
<b>TOTAL</b>	<b>1,193</b>	<b>100.0</b>	<b>100.0</b>



## SEX OF DRIVER



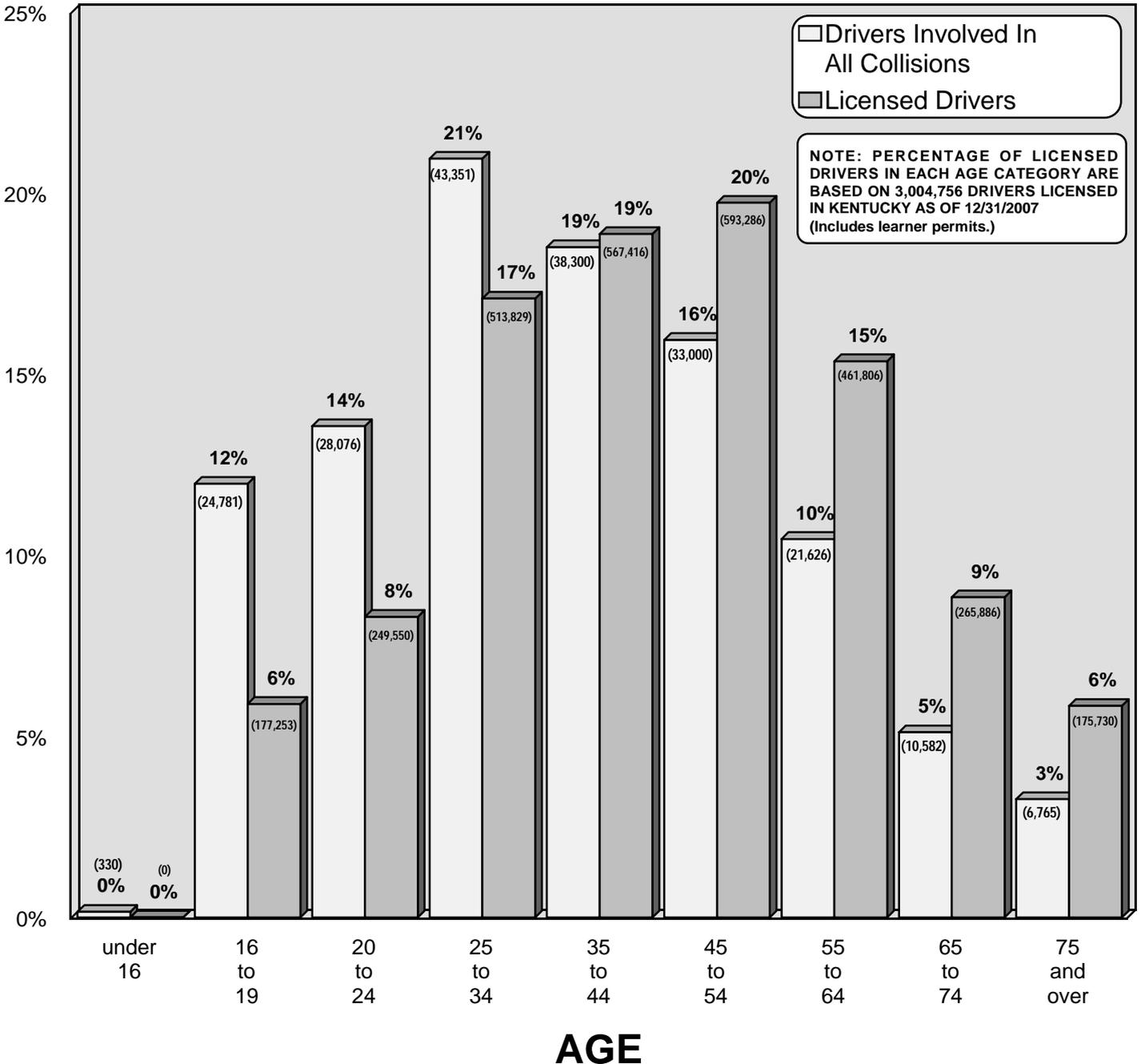
As shown in the chart below, 56% of the drivers who were involved in collisions during 2007 (where sex was listed) were male; 44% were female. In fatal collisions, 72% of the drivers were male and 28% were female.

<b>TOTAL COLLISIONS</b>		
SEX	NUMBER IN ALL COLLISIONS	PERCENT IN ALL COLLISIONS
MALE	116,803	55.9
FEMALE	92,016	44.1
<b>TOTAL</b>	<b>208,819</b>	<b>100.0</b>

<b>FATAL COLLISIONS</b>		
SEX	NUMBER IN FATAL COLLISIONS	PERCENT IN FATAL COLLISIONS
MALE	863	72.3
FEMALE	330	27.7
<b>TOTAL</b>	<b>1,193</b>	<b>100.0</b>

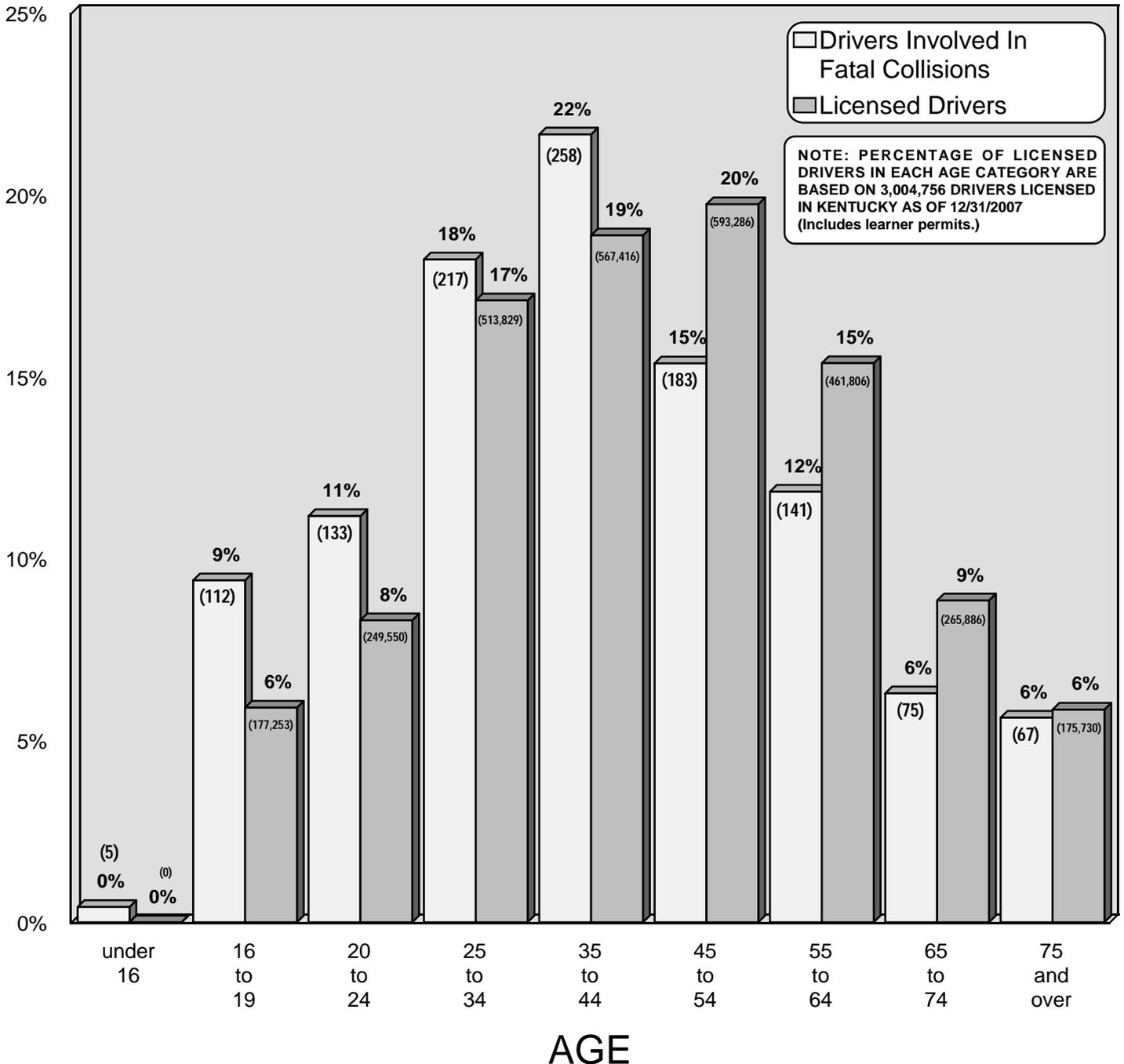
# AGE OF DRIVER (ALL COLLISIONS)

The chart below groups the ages of 206,811 drivers involved in traffic collisions in 2007 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 2,008 driver's ages which could not be determined. These drivers represent 1.0% of all drivers involved in all collisions. The percentages given below do not consider the "Unknown" category.



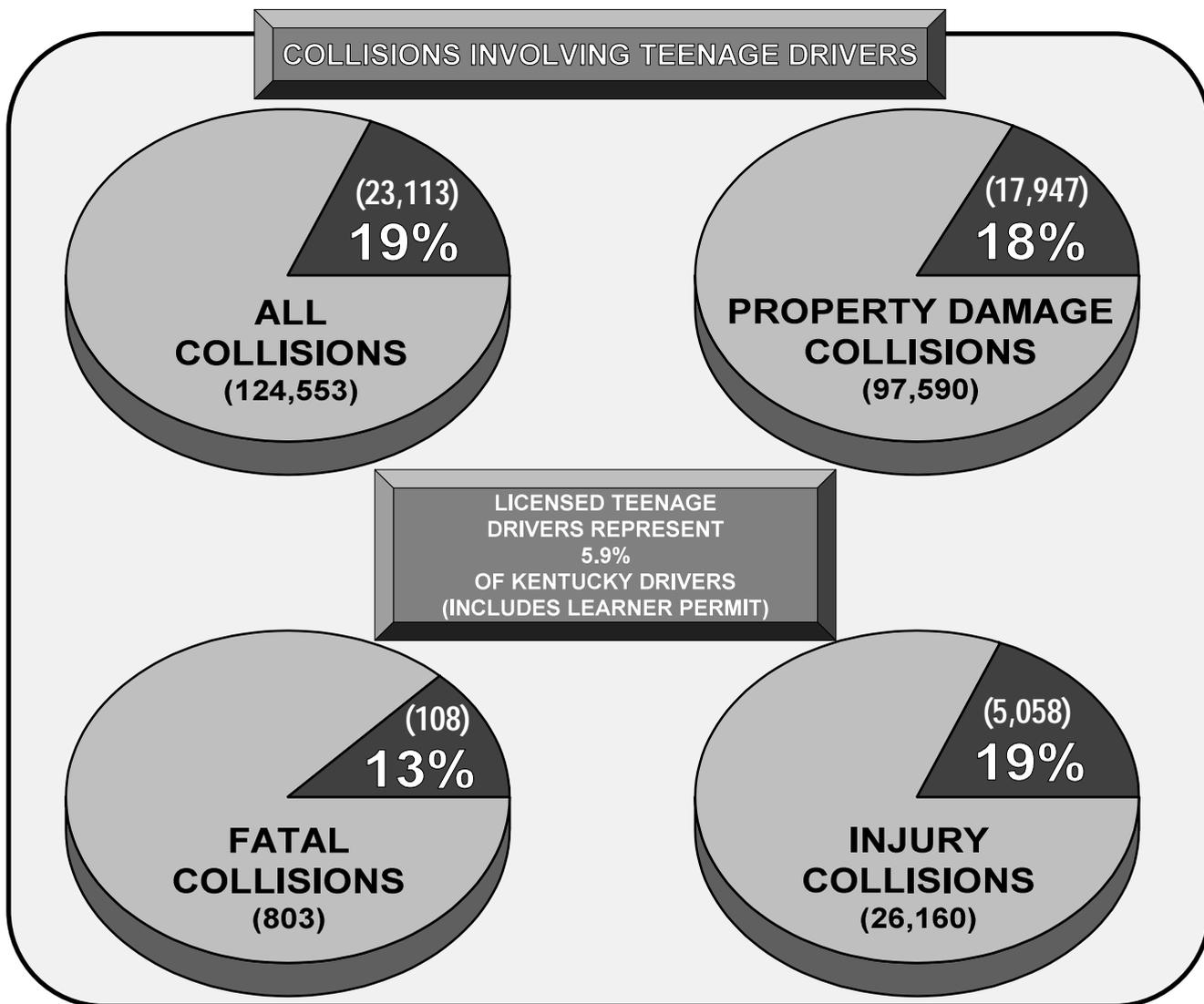
# AGE OF DRIVER (FATAL COLLISIONS)

The chart below groups the ages of 1,191 drivers involved in fatal collisions in 2007 (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 (9%) compared to their percent of the driving population (5.9% 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 2007 (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, 519 teenage drivers were involved in alcohol-related collisions during 2007. **There were 116 fatalities in collisions involving a teenage driver (52 of these fatalities were the teenage driver). There were 12 fatalities in alcohol-related collisions involving teenage drivers (6 of these fatalities were the teenage driver).**

NUMBER OF TEENAGE DRIVERS INVOLVED IN:								
YEAR	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS	PROPERTY DAMAGE	ALCOHOL RELATED COLLISIONS			
					FATAL	INJURY	PROPERTY DAMAGE	TOTAL
2007	24,781	112	5,338	19,331	11	201	307	519
2006	26,842	127	6,146	20,569	13	243	337	593
2005	26,777	131	6,250	20,396	11	235	329	575
2004	28,448	136	6,609	21,703	19	249	326	594

# 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.

<b>ALL COLLISIONS</b>	<b>FATAL COLLISIONS</b>	<b>188</b>
	<b>INJURY COLLISIONS</b>	<b>1,987</b>
	<b>PROPERTY DAMAGE COLLISIONS</b>	<b>3,014</b>
	<b>TOTAL</b>	<b>5,189</b>

<b>PERSONS KILLED/INJURED</b>	<b>NUMBER KILLED</b>	<b>204</b>
	<b>NUMBER INJURED</b>	<b>2,866</b>
	<b>INCAPACITATING INJURIES</b>	<b>578</b>
	<b>NON-INCAPACITATING INJURIES</b>	<b>1,224</b>
	<b>POSSIBLE INJURIES</b>	<b>1,064</b>

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.

5,189 alcohol-related collisions were reported during 2007. 4% of the alcohol-related collisions were fatal, 38% were injury collisions, and 58% were property damage only.

## Comparison with previous years

During 2007, alcohol-related collisions decreased by 3% when compared to 2006. The 188 persons killed in 2007 was the same as the 188 persons killed in 2006. During 2007, there were 2,866 persons injured in alcohol-related collisions, a decrease of 8% from 2006 when 3,107 persons were injured.

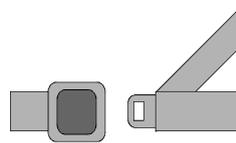
Fatal collision data in the chart below have been adjusted to reflect follow-up studies of alcohol test results.

<b>YEAR</b>	<b>TOTAL COLLISIONS (Alcohol Related)</b>	<b>% CHANGE FROM PREVIOUS YEAR</b>	<b>TOTAL KILLED</b>	<b>% +/-</b>	<b>TOTAL INJURED</b>	<b>% +/-</b>
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
2002	5,851	-0	209	+22	3,979	-0
2001	5,853	-4	172	-12	3,995	-10%

# SAFETY RESTRAINTS

The chart below compares safety belt usage for the years of 2003 through 2007. The data were obtained as part of an annual observational survey conducted at 200 sites across Kentucky. 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
2007	72	96
2006	67	94
2005	67	94
2004	66	96
2003	66	95



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	864	0.2	274	0.1	388	3.8	202	0.2
INCAPACITATING INJURY	5,082	1.3	3,142	1.1	1,132	11.0	808	0.9
NON-INCAPACITATING INJURY	14,275	3.8	10,735	3.8	1,990	19.4	1,550	1.8
POSSIBLE INJURY	19,429	5.1	16,457	5.9	1,582	15.4	1,390	1.6
NOT INJURED	339,576	89.5	250,561	89.1	5,178	50.4	83,837	95.5
<b>TOTAL</b>	<b>379,226</b>	<b>100.0</b>	<b>281,169</b>	<b>100.0</b>	<b>10,270</b>	<b>100.0</b>	<b>87,787</b>	<b>100.0</b>

Of the 662 vehicle occupants fatally injured in collisions in 2007 in a position where a safety restraint was available, only 274 were using safety restraints - an overall usage rate of 41% for fatalities.

Note: There were 16,472 crashes involving deployment of front air bags and 921 crashes involving side air bag deployment.

# INTERSECTION COLLISIONS

INTERSECTION COLLISIONS	NUMBER	% OF ALL COLLISIONS
ALL REPORTED	37,750	29.7
NONFATAL INJURY	8,041	29.3
FATAL	131	15.7

## SEX OF DRIVER

<b>INTERSECTION COLLISIONS</b>		
SEX	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
MALE	53.9	70.2
FEMALE	46.1	29.8

<b>ALL COLLISIONS</b>		
SEX	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
MALE	55.9	72.3
FEMALE	44.1	27.7

## LIGHT CONDITION

<b>INTERSECTION COLLISIONS</b>		
LIGHT CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Daylight	76.2	58.8
Dark	19	33.6
Dusk / Dawn	4.7	7.6

<b>ALL COLLISIONS</b>		
LIGHT CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Daylight	71.7	57.5
Dark	23.1	37.9
Dusk / Dawn	5.1	4.6

## ROADWAY CONDITION

<b>INTERSECTION COLLISIONS</b>		
ROADWAY CONDITION	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Dry	79.6	86.3
Wet	18.7	13.0
Snow/Ice/Slush	1.5	0.8

<b>ALL COLLISIONS</b>		
ROADWAY CONDITION	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Dry	76.9	81.3
Wet	20.0	17.2
Snow/Ice/Slush	2.7	1.2

## WEEKEND COLLISIONS

<b>INTERSECTION COLLISIONS</b>		
	PERCENT IN ALL INTERSECTION COLLISIONS	PERCENT IN FATAL INTERSECTION COLLISIONS
Weekend	21.2	21.4

<b>ALL COLLISIONS</b>		
	PERCENT IN ALL COLLISIONS	PERCENT IN FATAL COLLISIONS
Weekend	22.8	30.9

(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	49,965	40.12	167	20.80
Not Under Proper Control	15,913	12.78	302	37.61
Failed to Yield Right of Way	14,746	11.84	101	12.58
Following Too Close	6,560	5.27	5	0.62
Misjudge Clearance	5,914	4.75	12	1.49
Too Fast for Conditions	5,263	4.23	65	8.09
Alcohol Involvement	5,167	4.15	166	20.67
Distraction	4,377	3.51	11	1.37
Disregard Traffic Control	3,768	3.03	40	4.98
Overcorrecting/Oversteering	3,690	2.96	102	12.70
Lost Consciousness/Fainted	1,915	1.54	12	1.49
Turning Improperly	1,872	1.50	5	0.62
Exceeded Stated Speed Limit	1,584	1.27	86	10.71
Fell Asleep	1,327	1.07	18	2.24
Drug Involvement	1,168	0.94	24	2.99
Improper Backing	1,125	0.90	1	0.12
Improper Passing	1,056	0.85	8	1.00
Cell Phone	940	0.75	6	0.75
Emotional	469	0.38	4	0.50
Fatigue	459	0.37	9	1.12
Sick	280	0.22	7	0.87
Medication	239	0.19	4	0.50
Physical Disability	228	0.18	4	0.50
Weaving in Traffic	168	0.13	1	0.12

# 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.

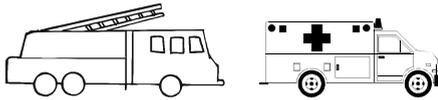
<b>VEHICULAR FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>	<b>FATAL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Brakes Defective	1,315	1.06	5	0.62
Tire Failure	829	0.67	12	1.49
Load Securement	363	0.29	2	0.25
Steering Failure	320	0.26	0	0.00
Tow Hitch Defective / Separation of Units	148	0.12	0	0.00
Oversized Load on Vehicle	134	0.11	2	0.25
Other Lighting Defective	106	0.09	0	0.00
Headlights Defective	37	0.03	2	0.25
Overweight	25	0.02	4	0.50

<b>ENVIRONMENTAL FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>	<b>FATAL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Slippery Surface	12,175	9.77	67	8.34
Animals Action	4,695	3.77	8	1.00
View Obstructed / Limited	2,658	2.13	22	2.74
Water Pooling	2,016	1.62	9	1.12
Glare	987	0.79	8	1.00
Debris In Roadway	723	0.58	3	0.37
Construction Work Zone	596	0.48	5	0.62
Shoulders Defective / Drop-off	342	0.27	8	1.00
Improperly Parked Vehicle(s)	320	0.26	1	0.12
Hole/Deep Ruts/Bumps	153	0.12	1	0.12
Maintenance / Utility Work Zone	119	0.10	0	0.00
Improper / Non-Working Traffic Controls	90	0.07	3	0.37
Fixed Object(s)	48	0.04	2	0.25

# 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	1,054
FATAL COLLISIONS	6
INJURY COLLISIONS	195
TOTAL KILLED	6
TOTAL INJURED	326



<b>EMERGENCY VEHICLE COLLISIONS</b>				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	33	3.13	3	50.00
Cell Phone	9	0.85	0	0.00
Disregard Traffic Control	39	3.70	2	33.33
Distraction	57	5.41	1	16.67
Drug Involvement	15	1.42	0	0.00
Emotional	1	0.09	0	0.00
Exceeded Stated Speed Limit	14	1.33	1	16.67
Failed to Yield Right of Way	129	12.24	2	33.33
Fatigue	3	0.28	0	0.00
Fell Asleep	4	0.38	0	0.00
Following Too Close	25	2.37	0	0.00
Improper Backing	21	1.99	0	0.00
Improper Passing	8	0.76	0	0.00
Inattention	314	29.79	4	66.67
Lost Consciousness/Fainted	10	0.95	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	121	11.48	0	0.00
Not Under Proper Control	88	8.35	4	66.67
Overcorrecting/Oversteering	19	1.80	0	0.00
Physical Disability	2	0.19	0	0.00
Sick	1	0.09	0	0.00
Too Fast for Conditions	22	2.09	0	0.00
Turning Improperly	16	1.52	1	16.67
Weaving in Traffic	2	0.19	0	0.00

COLLISIONS INVOLVING FARM EQUIPMENT	
TOTAL FARM EQUIPMENT COLLISIONS	205
FATAL COLLISIONS	4
INJURY COLLISIONS	53
TOTAL KILLED	4
TOTAL INJURED	78



<b>FARM EQUIPMENT COLLISIONS</b>				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	5	2.44	1	25.00
Cell Phone	0	0.00	0	0.00
Disregard Traffic Control	2	0.98	0	0.00
Distraction	1	0.49	0	0.00
Drug Involvement	1	0.49	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	30	14.63	0	0.00
Fatigue	0	0.00	0	0.00
Fell Asleep	1	0.49	0	0.00
Following Too Close	1	0.49	0	0.00
Improper Backing	0	0.00	0	0.00
Improper Passing	20	9.76	0	0.00
Inattention	98	47.80	0	0.00
Lost Consciousness/Fainted	2	0.98	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	25	12.20	1	25.00
Not Under Proper Control	30	14.63	4	100.00
Overcorrecting/Oversteering	2	0.98	0	0.00
Physical Disability	0	0.00	0	0.00
Sick	0	0.00	0	0.00
Too Fast for Conditions	5	2.44	0	0.00
Turning Improperly	4	1.95	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 SCHOOL BUSES	
<b>TOTAL SCHOOL BUS COLLISIONS</b>	<b>797</b>
<b>FATAL COLLISIONS</b>	<b>2</b>
<b>INJURY COLLISIONS</b>	<b>97</b>
<b>TOTAL KILLED</b>	<b>2</b>
<b>TOTAL INJURED</b>	<b>264</b>



<b>SCHOOL BUS COLLISIONS</b>				
<b>DRIVER CONTRIBUTING FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>	<b>FATAL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Alcohol Involvement	3	0.38	0	0.00
Cell Phone	3	0.38	0	0.00
Disregard Traffic Control	10	1.25	0	0.00
Distraction	36	4.52	0	0.00
Drug Involvement	4	0.50	0	0.00
Emotional	2	0.25	0	0.00
Exceeded Stated Speed Limit	0	0.00	0	0.00
Failed to Yield Right of Way	60	7.53	0	0.00
Fatigue	1	0.13	0	0.00
Fell Asleep	4	0.50	0	0.00
Following Too Close	23	2.89	0	0.00
Improper Backing	15	1.88	0	0.00
Improper Passing	12	1.51	0	0.00
Inattention	295	37.01	0	0.00
Lost Consciousness/Fainted	14	1.76	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	190	23.84	0	0.00
Not Under Proper Control	62	7.78	0	0.00
Overcorrecting/Oversteering	12	1.51	2	100.00
Physical Disability	2	0.25	0	0.00
Sick	1	0.13	0	0.00
Too Fast for Conditions	14	1.76	0	0.00
Turning Improperly	15	1.88	0	0.00
Weaving in Traffic	0	0.00	0	0.00

COLLISIONS INVOLVING ELEMENTARY SCHOOL AGE CHILDREN	
<b>TOTAL ELEM. SCHOOL AGE CHILDREN COLLISIONS</b>	<b>8,270</b>
<b>FATAL COLLISIONS</b>	<b>46</b>
<b>INJURY COLLISIONS</b>	<b>2,289</b>
<b>TOTAL KILLED</b>	
<b>ALL AGES</b>	<b>56</b>
<b>6-12 YEARS OF AGE</b>	<b>13</b>
<b>TOTAL INJURED</b>	
<b>ALL AGES</b>	<b>4,955</b>
<b>6-12 YEARS OF AGE</b>	<b>1,634</b>



<b>ELEMENTARY SCHOOL AGE CHILDREN COLLISIONS (6 TO 12 YEARS OF AGE)</b>				
<b>DRIVER CONTRIBUTING FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>	<b>FATAL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Alcohol Involvement	159	1.92	3	6.52
Cell Phone	66	0.80	0	0.00
Disregard Traffic Control	322	3.89	6	13.04
Distraction	428	5.18	0	0.00
Drug Involvement	46	0.56	1	2.17
Emotional	20	0.24	0	0.00
Exceeded Stated Speed Limit	63	0.76	2	4.35
Failed to Yield Right of Way	1,170	14.15	6	13.04
Fatigue	13	0.16	1	2.17
Fell Asleep	35	0.42	4	8.70
Following Too Close	590	7.13	0	0.00
Improper Backing	65	0.79	0	0.00
Improper Passing	84	1.02	0	0.00
Inattention	4,205	50.85	19	41.30
Lost Consciousness/Fainted	92	1.11	1	2.17
Medication	11	0.13	0	0.00
Misjudge Clearance	405	4.90	1	2.17
Not Under Proper Control	903	10.92	14	30.43
Overcorrecting/Oversteering	156	1.89	6	13.04
Physical Disability	11	0.13	0	0.00
Sick	11	0.13	1	2.17
Too Fast for Conditions	292	3.53	4	8.70
Turning Improperly	137	1.66	1	2.17
Weaving in Traffic	7	0.08	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	
<b>COLLISIONS INVOLVING PEDESTRIANS</b>	<b>898</b>
<b>FATAL COLLISIONS</b>	<b>46</b>
<b>INJURY COLLISIONS</b>	<b>749</b>
<b>TOTAL KILLED</b>	<b>47</b>
<b>TOTAL INJURED</b>	<b>831</b>



<b>PEDESTRIAN COLLISIONS</b>				
<b>DRIVER CONTRIBUTING FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>	<b>FATAL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Alcohol Involvement	25	2.80	3	6.52
Cell Phone	7	0.78	1	2.17
Disregard Traffic Control	15	1.68	2	4.35
Distraction	20	2.24	3	6.52
Drug Involvement	4	0.45	1	2.17
Emotional	9	1.01	0	0.00
Exceeded Stated Speed Limit	4	0.45	0	0.00
Failed to Yield Right of Way	72	8.05	0	0.00
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	4	0.45	0	0.00
Improper Passing	7	0.78	0	0.00
Inattention	243	27.18	8	17.39
Lost Consciousness/Fainted	7	0.78	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	20	2.24	0	0.00
Not Under Proper Control	36	4.03	3	6.52
Overcorrecting/Oversteering	5	0.56	2	4.35
Physical Disability	3	0.34	1	2.17
Sick	2	0.22	0	0.00
Too Fast for Conditions	7	0.78	0	0.00
Turning Improperly	7	0.78	1	2.17
Weaving in Traffic	1	0.11	0	0.00

COLLISIONS INVOLVING BICYCLES	
<b>TOTAL BICYCLE COLLISIONS</b>	<b>433</b>
<b>FATAL COLLISIONS</b>	<b>2</b>
<b>INJURY COLLISIONS</b>	<b>319</b>
<b>TOTAL KILLED</b>	<b>2</b>
<b>TOTAL INJURED</b>	<b>333</b>



<b>BICYCLE COLLISIONS</b>				
<b>DRIVER CONTRIBUTING FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>	<b>FATAL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Alcohol Involvement	2	0.46	0	0.00
Cell Phone	2	0.46	0	0.00
Disregard Traffic Control	3	0.69	0	0.00
Distraction	6	1.39	0	0.00
Drug Involvement	1	0.23	0	0.00
Emotional	0	0.00	0	0.00
Exceeded Stated Speed Limit	3	0.69	0	0.00
Failed to Yield Right of Way	57	13.16	0	0.00
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	90	20.79	1	50.00
Lost Consciousness/Fainted	3	0.69	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	3	0.69	0	0.00
Not Under Proper Control	10	2.31	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	1	0.23	0	0.00
Turning Improperly	2	0.46	0	0.00
Weaving in Traffic	1	0.23	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	236
FATAL COLLISIONS	23
INJURY COLLISIONS	167
TOTAL KILLED ATV	24
HELMET USED	4
TOTAL INJURED (ATV)	214
HELMET USED	23



ALL TERRAIN VEHICLES				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	50	21.19	11	47.83
Cell Phone	0	0.00	0	0.00
Disregard Traffic Control	5	2.12	0	0.00
Distraction	4	1.69	0	0.00
Drug Involvement	12	5.08	1	4.35
Emotional	1	0.42	0	0.00
Exceeded Stated Speed Limit	5	2.12	1	4.35
Failed to Yield Right of Way	21	8.90	2	8.70
Fatigue	0	0.00	0	0.00
Fell Asleep	0	0.00	0	0.00
Following Too Close	1	0.42	1	4.35
Improper Backing	0	0.00	0	0.00
Improper Passing	2	0.85	0	0.00
Inattention	62	26.27	2	8.70
Lost Consciousness/Fainted	0	0.00	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	4	1.69	0	0.00
Not Under Proper Control	115	48.73	15	65.22
Overcorrecting/Oversteering	8	3.39	2	8.70
Physical Disability	0	0.00	0	0.00
Sick	1	0.42	0	0.00
Too Fast for Conditions	30	12.71	5	21.74
Turning Improperly	2	0.85	0	0.00
Weaving in Traffic	0	0.00	0	0.00

COLLISIONS INVOLVING MOTORCYCLES	
TOTAL MOTORCYCLES COLLISIONS	2,087
FATAL COLLISIONS	112
INJURY COLLISIONS	1,399
TOTAL KILLED MOTORCYCLIST	116
HELMET USED	40
NO HELMET	73
TOTAL INJURED	1,649



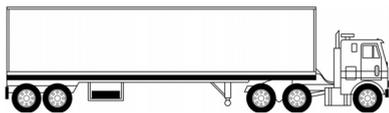
MOTORCYCLE COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	149	7.14	17	15.18
Cell Phone	3	0.14	0	0.00
Disregard Traffic Control	30	1.44	2	1.79
Distraction	48	2.30	1	0.89
Drug Involvement	27	1.29	2	1.79
Emotional	4	0.19	0	0.00
Exceeded Stated Speed Limit	117	5.61	20	17.86
Failed to Yield Right of Way	234	11.21	13	11.61
Fatigue	3	0.14	0	0.00
Fell Asleep	2	0.10	2	1.79
Following Too Close	61	2.92	0	0.00
Improper Backing	7	0.34	0	0.00
Improper Passing	35	1.68	3	2.68
Inattention	687	32.92	23	20.54
Lost Consciousness/Fainted	21	1.01	1	0.89
Medication	5	0.24	1	0.89
Misjudge Clearance	49	2.35	4	3.57
Not Under Proper Control	612	29.32	60	53.57
Overcorrecting/Oversteering	56	2.68	6	5.36
Physical Disability	4	0.19	0	0.00
Sick	3	0.14	0	0.00
Too Fast for Conditions	83	3.98	13	11.61
Turning Improperly	25	1.20	1	0.89
Weaving in Traffic	4	0.19	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	9,176
FATAL COLLISIONS	104
INJURY COLLISIONS	1,607
TOTAL KILLED	115
TOTAL INJURED	2,301

\*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	165	1.80	8	7.69
Cell Phone	43	0.47	0	0.00
Disregard Traffic Control	224	2.44	8	7.69
Distraction	226	2.46	2	1.92
Drug Involvement	41	0.45	1	0.96
Emotional	15	0.16	0	0.00
Exceeded Stated Speed Limit	68	0.74	4	3.85
Failed to Yield Right of Way	958	10.44	20	19.23
Fatigue	48	0.52	1	0.96
Fell Asleep	105	1.14	1	0.96
Following Too Close	408	4.45	2	1.92
Improper Backing	137	1.49	1	0.96
Improper Passing	124	1.35	1	0.96
Inattention	3,429	37.37	40	38.46
Lost Consciousness/Fainted	100	1.09	0	0.00
Medication	11	0.12	0	0.00
Misjudge Clearance	1,275	13.89	0	0.00
Not Under Proper Control	1,233	13.44	38	36.54
Overcorrecting/Oversteering	216	2.35	7	6.73
Physical Disability	8	0.09	0	0.00
Sick	21	0.23	1	0.96
Too Fast for Conditions	250	2.72	6	5.77
Turning Improperly	229	2.50	1	0.96
Weaving in Traffic	18	0.20	0	0.00

COLLISIONS INVOLVING TRAINS	
TOTAL TRAIN COLLISIONS	61
FATAL COLLISIONS	6
INJURY COLLISIONS	14
TOTAL KILLED	7
TOTAL INJURED	20



TRAIN COLLISIONS				
DRIVER CONTRIBUTING FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
Alcohol Involvement	5	8.20	0	0.00
Cell Phone	0	0.00	0	0.00
Disregard Traffic Control	10	16.39	1	16.67
Distraction	1	1.64	1	16.67
Drug Involvement	1	1.64	0	0.00
Emotional	0	0.00	0	0.00
Exceeded Stated Speed Limit	2	3.28	0	0.00
Failed to Yield Right of Way	18	29.51	3	50.00
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	31	50.82	5	83.33
Lost Consciousness/Fainted	0	0.00	0	0.00
Medication	0	0.00	0	0.00
Misjudge Clearance	9	14.75	1	16.67
Not Under Proper Control	2	3.28	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	1	1.64	0	0.00
Turning Improperly	1	1.64	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.

<b>COLLISIONS INVOLVING MULTIPLE FATALITIES</b>	
<b>TOTAL MULTIPLE FATALITY COLLISIONS</b>	<b>51</b>
<b>FATAL COLLISIONS</b>	<b>51</b>
<b>TOTAL KILLED</b>	<b>112</b>
<b>TOTAL INJURED</b>	<b>135</b>



<b><i>MULTIPLE FATALITY COLLISIONS</i></b>		
<b>DRIVER CONTRIBUTING FACTORS</b>	<b>ALL COLLISIONS</b>	<b>PERCENT OF TOTAL</b>
Alcohol Involvement	10	19.61
Cell Phone	0	0.00
Disregard Traffic Control	3	5.88
Distraction	0	0.00
Drug Involvement	1	1.96
Emotional	0	0.00
Exceeded Stated Speed Limit	8	15.69
Failed to Yield Right of Way	11	21.57
Fatigue	0	0.00
Fell Asleep	3	5.88
Following Too Close	0	0.00
Improper Backing	0	0.00
Improper Passing	1	1.96
Inattention	10	19.61
Lost Consciousness/Fainted	0	0.00
Medication	0	0.00
Misjudge Clearance	1	1.96
Not Under Proper Control	22	43.14
Overcorrecting/Oversteering	6	11.76
Physical Disability	1	1.96
Sick	0	0.00
Too Fast for Conditions	5	9.80
Turning Improperly	1	1.96
Weaving in Traffic	0	0.00



# **COLLISIONS BY COUNTY**



# COLLISIONS BY COUNTY

## 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Adair	381	306	4	4	70	69	307	233	4	4	107	105
Allen	292	295	7	0	84	77	201	218	8	0	130	109
Anderson	451	455	1	0	112	111	338	344	1	0	149	185
Ballard	159	166	4	3	43	41	112	122	4	3	58	55
Barren	1,385	1,204	6	7	317	278	1,062	919	6	8	460	452
Bath	219	184	4	1	60	41	155	142	4	1	90	59
Bell	615	597	6	3	165	161	444	433	6	3	223	242
Boone	3,953	3,928	17	11	700	668	3,236	3,249	19	12	1,025	928
Bourbon	611	588	1	5	130	132	480	451	1	6	190	177
Boyd	1,882	2,041	7	5	385	389	1,490	1,647	7	5	594	571
Boyle	926	844	5	5	185	156	736	683	5	7	288	232
Bracken	170	180	2	1	48	39	120	140	2	2	70	61
Breathitt	364	349	6	4	152	134	206	211	6	5	271	231
Breckinridge	284	266	5	3	87	94	192	169	5	3	133	149
Bullitt	1,546	1,626	6	8	372	396	1,168	1,222	6	10	551	574
Butler	186	154	10	4	40	39	136	111	10	4	61	63
Caldwell	294	307	4	3	71	71	219	233	4	3	85	99
Calloway	1,047	989	12	5	165	178	870	806	13	5	233	256
Campbell	2,847	2,760	7	8	428	403	2,412	2,349	7	8	604	585
Carlisle	68	62	0	1	19	19	49	42	0	1	29	24
Carroll	450	292	0	8	120	62	330	222	0	9	188	98
Carter	607	577	10	10	137	135	460	432	10	12	203	209
Casey	231	279	6	4	65	68	160	207	6	4	90	101
Christian	1,917	2,103	14	9	418	481	1,485	1,613	16	9	630	678
Clark	1,124	1,047	7	6	195	168	922	873	7	6	294	251
Clay	405	341	8	13	172	132	225	196	9	13	300	196
Clinton	221	154	6	3	60	38	155	113	6	4	123	60
Crittenden	196	199	2	5	68	60	126	134	4	5	101	94
Cumberland	88	96	4	2	31	27	53	67	5	2	43	35
Daviess	3,113	3,120	12	12	551	530	2,550	2,578	14	13	788	760
Edmonson	141	169	1	1	36	41	104	127	2	1	52	48
Elliott	87	65	4	3	28	22	55	40	5	3	49	25
Estill	260	211	4	1	76	58	180	152	4	1	107	73
Fayette	12,406	11,923	23	24	2,209	2,154	10,174	9,745	23	26	3,072	3,050
Fleming	255	272	4	2	78	56	173	214	4	2	113	80
Floyd	941	984	12	13	330	376	599	595	12	14	545	578
Franklin	1,705	1,733	8	1	324	293	1,373	1,439	8	1	480	412
Fulton	140	146	4	1	36	42	100	103	4	1	54	59
Gallatin	274	255	2	4	61	53	211	198	2	9	92	78
Garrard	400	352	2	2	102	104	296	246	2	2	147	137

# COLLISIONS BY COUNTY

## 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Grant	641	812	8	1	155	173	478	638	8	1	225	276
Graves	868	844	9	9	210	199	649	636	9	9	317	307
Grayson	647	615	6	5	181	182	460	428	7	5	273	232
Green	77	83	0	0	8	10	69	73	0	0	14	17
Greenup	693	718	6	5	149	155	538	558	6	6	236	235
Hancock	165	126	1	1	45	40	119	85	1	4	61	50
Hardin	2,788	2,685	19	15	512	465	2,257	2,205	23	18	801	703
Harlan	580	514	10	8	187	164	383	342	10	9	298	257
Harrison	541	546	7	3	138	124	396	419	8	4	188	185
Hart	412	414	6	9	123	114	283	291	6	9	198	173
Henderson	1,614	1,619	6	15	381	328	1,227	1,276	12	17	592	495
Henry	308	318	2	3	92	89	214	226	2	3	139	135
Hickman	20	43	0	6	6	13	14	24	0	6	6	21
Hopkins	1,496	1,381	7	7	249	261	1,240	1,113	10	8	341	355
Jackson	230	215	2	7	92	78	136	130	2	8	134	110
Jefferson	27,539	27,685	77	78	5,562	5,261	21,900	22,346	79	80	8,197	7,724
Jessamine	1,426	1,433	13	6	276	270	1,137	1,157	15	6	395	408
Johnson	459	492	7	8	158	149	294	335	7	9	244	224
Kenton	5,621	5,037	13	11	873	801	4,735	4,225	13	11	1,211	1,096
Knott	359	337	5	6	132	122	222	209	5	6	194	197
Knox	688	680	10	9	193	218	485	453	10	9	310	352
Larue	257	287	5	3	58	65	194	219	6	3	90	115
Laurel	1,826	1,675	17	15	500	461	1,309	1,199	17	17	823	751
Lawrence	189	215	4	9	54	68	131	138	4	10	74	139
Lee	81	103	3	4	26	41	52	58	3	4	38	65
Leslie	214	165	3	6	95	86	116	73	3	6	143	125
Letcher	471	403	6	10	206	143	259	250	6	11	314	222
Lewis	228	194	8	6	54	51	166	137	8	6	95	83
Lincoln	516	409	9	9	132	106	375	294	10	11	202	180
Livingston	228	211	5	4	62	61	161	146	5	5	122	84
Logan	615	596	6	5	150	137	459	454	8	5	238	178
Lyon	194	242	2	2	43	67	149	173	2	2	70	97
McCracken	2,540	2,429	12	18	592	601	1,936	1,810	12	19	880	896
McCreary	217	195	6	5	77	60	134	130	7	5	125	104
McLean	174	138	2	4	47	44	125	90	2	4	76	66
Madison	2,524	2,460	13	18	426	402	2,085	2,040	15	18	637	591
Magoffin	144	171	2	3	59	74	83	94	2	3	82	107
Marion	479	466	7	2	99	91	373	373	9	2	163	142
Marshall	853	813	5	10	209	213	639	590	6	11	297	317
Martin	194	207	5	3	65	70	124	134	6	3	119	100

# COLLISIONS BY COUNTY

## 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Mason	658	671	1	11	115	119	542	541	1	11	169	200
Meade	548	496	7	12	140	125	401	359	7	13	237	184
Menifee	131	73	2	0	35	30	94	43	2	0	49	49
Mercer	543	514	4	3	130	93	409	418	4	3	194	135
Metcalfe	231	207	2	4	61	69	168	134	3	5	94	102
Monroe	156	176	9	3	44	39	103	134	12	3	73	71
Montgomery	750	761	7	8	192	147	551	606	7	10	300	235
Morgan	234	286	3	6	63	111	168	169	3	6	87	150
Muhlenberg	777	791	10	8	230	194	537	589	11	8	341	299
Nelson	1,146	1,129	11	11	248	211	887	907	11	11	355	315
Nicholas	93	135	1	4	18	37	74	94	1	4	25	54
Ohio	530	570	2	5	144	141	384	424	2	6	225	220
Oldham	1,009	884	4	7	208	190	797	687	5	7	313	282
Owen	196	223	1	6	65	70	130	147	1	6	93	108
Owsley	96	71	3	2	32	27	61	42	3	2	45	48
Pendleton	352	372	5	6	86	89	261	277	5	7	123	123
Perry	779	853	10	12	227	220	542	621	12	12	409	362
Pike	1,961	1,885	32	20	650	584	1,279	1,281	33	20	1,015	938
Powell	204	147	7	3	56	44	141	100	7	3	96	57
Pulaski	1,778	1,741	12	14	386	349	1,380	1,378	15	15	608	548
Robertson	10	17	0	0	5	8	5	9	0	0	5	11
Rockcastle	485	391	9	2	127	106	349	283	9	2	224	173
Rowan	806	763	8	6	168	175	630	582	9	7	255	255
Russell	340	322	9	7	75	75	256	240	9	7	106	114
Scott	1,345	1,395	7	9	337	332	1,001	1,054	7	9	478	478
Shelby	1,171	1,133	6	7	220	226	945	900	7	7	344	337
Simpson	590	584	6	5	117	116	467	463	8	5	188	169
Spencer	179	174	1	2	48	38	130	134	1	2	63	56
Taylor	714	638	5	7	126	118	583	513	7	7	185	179
Todd	162	230	2	8	41	63	119	159	2	8	63	96
Trigg	274	303	5	2	75	88	194	213	6	2	113	120
Trimble	193	159	3	4	56	39	134	116	3	4	86	59
Union	341	334	1	2	113	97	227	235	3	2	161	139
Warren	3,983	4,013	21	12	739	739	3,223	3,262	23	13	1,099	1,120
Washington	249	266	4	7	63	60	182	199	4	10	90	98
Wayne	345	346	5	5	110	89	230	252	7	5	164	139
Webster	251	164	1	4	71	40	179	120	1	4	111	60
Whitley	937	863	14	10	238	239	685	614	18	12	390	363
Wolfe	171	161	8	3	60	48	103	110	10	3	87	79
Woodford	777	717	8	3	142	122	627	592	9	3	197	168
<b>TOTALS</b>	<b>127,252</b>	<b>124,553</b>	<b>837</b>	<b>803</b>	<b>27,467</b>	<b>26,160</b>	<b>98,948</b>	<b>97,590</b>	<b>913</b>	<b>864</b>	<b>41,044</b>	<b>38,786</b>

# COLLISIONS INVOLVING DRINKING DRIVERS BY COUNTY 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL *		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED *		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Adair	14	11	0	2	7	3	7	6	0	2	10	5
Allen	11	17	1	0	4	7	6	10	1	0	6	9
Anderson	19	21	0	0	10	10	9	11	0	0	14	15
Ballard	13	13	1	1	5	5	7	7	1	1	6	5
Barren	51	47	0	1	21	13	30	33	0	1	26	15
Bath	14	15	1	0	9	2	4	13	1	0	12	2
Bell	25	18	1	1	13	7	11	10	1	1	15	9
Boone	147	162	3	2	45	47	99	113	5	2	85	58
Bourbon	41	28	0	2	17	11	24	15	0	2	22	13
Boyd	55	51	0	2	18	16	37	33	0	2	22	28
Boyle	46	34	2	1	13	14	31	19	2	1	19	14
Bracken	7	13	0	0	3	7	4	6	0	0	4	10
Breathitt	25	14	2	1	17	11	6	2	2	2	28	16
Breckinridge	18	14	1	2	7	6	10	6	1	2	12	8
Bullitt	88	98	2	1	45	44	41	53	2	1	65	61
Butler	9	11	4	1	3	3	2	7	4	1	5	6
Caldwell	11	13	1	1	4	4	6	8	1	1	5	6
Calloway	39	35	2	0	16	14	21	21	2	0	21	20
Campbell	130	134	3	1	44	49	83	84	3	1	60	72
Carlisle	3	4	0	0	2	1	1	3	0	0	3	1
Carroll	21	20	0	3	11	6	10	11	0	3	21	12
Carter	32	26	0	0	16	12	16	14	0	0	20	14
Casey	13	22	0	0	8	12	5	10	0	0	10	19
Christian	97	118	0	2	41	49	56	67	0	2	53	72
Clark	39	47	1	1	9	13	29	33	1	1	12	16
Clay	23	15	3	2	14	8	6	5	3	2	26	11
Clinton	17	9	3	2	7	2	7	5	3	3	16	4
Crittenden	9	14	0	1	6	6	3	7	0	1	9	7
Cumberland	7	8	1	1	3	4	3	3	2	1	3	4
Daviess	139	134	2	2	44	47	93	85	2	2	61	61
Edmonson	12	6	0	0	4	4	8	2	0	0	4	4
Elliott	8	8	0	2	4	2	4	4	0	2	4	4
Estill	12	10	1	0	5	4	6	6	1	0	10	5
Fayette	466	493	11	3	146	150	309	340	11	3	217	202
Fleming	13	24	1	1	7	8	5	15	1	1	11	14
Floyd	53	60	2	4	31	29	20	27	2	4	45	43
Franklin	77	92	2	0	28	38	47	54	2	0	52	53
Fulton	11	11	1	0	6	8	4	3	1	0	10	10
Gallatin	15	16	0	2	6	6	9	8	0	3	7	10
Garrard	25	24	0	1	14	14	11	9	0	1	17	18

\* 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 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL *		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED *		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Grant	31	38	2	1	15	14	14	23	2	1	21	25
Graves	42	43	3	2	18	16	21	25	3	2	30	26
Grayson	21	32	2	1	12	18	7	13	2	1	16	21
Green	2	1	0	0	1	1	1	0	0	0	1	3
Greenup	28	27	1	0	13	9	14	18	1	0	20	12
Hancock	8	6	0	1	3	4	5	1	0	4	4	6
Hardin	112	102	1	2	34	33	77	67	1	2	49	47
Harlan	27	24	2	1	11	10	14	13	2	1	18	21
Harrison	42	35	1	1	13	20	28	14	1	1	14	29
Hart	26	21	1	1	14	12	11	8	1	1	19	17
Henderson	42	52	4	1	13	22	25	29	10	1	23	36
Henry	14	25	0	2	4	12	10	11	0	2	4	19
Hickman	4	2	3	1	1	1	0	0	0	1	1	2
Hopkins	60	56	0	3	20	26	40	27	3	3	24	35
Jackson	8	14	0	4	5	4	3	6	0	5	11	8
Jefferson	847	689	20	24	323	258	504	407	22	25	515	384
Jessamine	42	67	1	0	16	30	25	37	3	0	24	43
Johnson	12	15	1	1	5	11	6	3	1	1	5	17
Kenton	265	241	2	3	70	61	193	177	2	3	95	80
Knott	22	16	0	1	15	11	7	4	0	1	22	16
Knox	19	25	2	2	8	10	9	13	2	2	12	17
Larue	18	14	0	2	6	4	12	8	0	2	8	6
Laurel	66	58	0	3	34	33	32	22	0	3	45	49
Lawrence	7	10	1	1	4	6	2	3	1	1	5	8
Lee	4	7	0	0	3	4	1	3	0	0	4	9
Leslie	9	7	0	1	6	3	3	3	0	1	8	4
Letcher	36	20	0	3	30	10	6	7	0	4	36	19
Lewis	15	16	0	2	4	7	11	7	0	2	6	10
Lincoln	44	35	4	3	17	10	23	22	4	5	24	24
Livingston	24	15	1	0	17	6	6	9	1	0	24	7
Logan	32	26	1	1	15	13	16	12	1	1	22	19
Lyon	6	17	0	1	3	7	3	9	0	1	4	7
McCracken	96	88	1	4	42	39	53	45	1	4	63	52
McCreary	9	16	3	3	3	8	3	5	3	3	6	16
McLean	14	10	1	2	4	5	9	3	1	2	5	8
Madison	122	116	3	4	41	34	78	78	3	4	59	40
Magoffin	6	11	0	2	5	7	1	2	0	2	6	10
Marion	31	36	3	2	6	18	22	16	3	2	8	23
Marshall	50	48	1	3	25	22	24	23	1	4	36	33
Martin	7	4	1	0	3	2	3	2	1	0	3	3

\* 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 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL *		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED *		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Mason	38	44	0	4	14	16	24	24	0	4	21	25
Meade	32	47	1	5	12	19	19	23	1	6	20	28
Menifee	9	7	0	0	2	6	7	1	0	0	3	8
Mercer	27	36	1	1	9	10	17	25	1	1	11	15
Metcalfe	17	11	2	0	7	7	8	4	3	0	13	11
Monroe	6	5	2	0	2	2	2	3	2	0	6	4
Montgomery	39	39	0	1	20	18	19	20	0	2	29	24
Morgan	16	15	1	3	6	6	9	6	1	3	6	9
Muhlenberg	30	16	2	3	14	5	14	8	2	3	21	12
Nelson	65	69	3	3	32	23	30	43	3	3	37	30
Nicholas	3	4	1	0	0	1	2	3	1	0	0	1
Ohio	25	19	0	2	11	9	14	8	0	2	18	17
Oldham	50	42	1	0	18	16	31	26	1	0	26	28
Owen	15	13	0	2	13	2	2	9	0	2	20	4
Owsley	7	6	0	0	4	3	3	3	0	0	4	4
Pendleton	23	16	4	1	7	11	12	4	4	1	13	16
Perry	32	47	2	5	19	22	11	20	3	5	33	39
Pike	94	78	8	4	48	39	38	35	9	4	76	56
Powell	10	7	2	0	2	4	6	3	2	0	3	5
Pulaski	73	74	2	2	40	30	31	42	2	2	59	44
Robertson	0	6	0	0	0	5	0	1	0	0	0	6
Rockcastle	14	11	1	0	9	5	4	6	1	0	12	5
Rowan	45	32	3	2	19	13	23	17	3	3	26	20
Russell	31	21	1	1	8	6	22	14	1	1	9	9
Scott	76	57	1	1	35	18	40	38	1	1	44	24
Shelby	47	61	3	2	18	19	26	40	3	2	30	25
Simpson	38	35	1	1	12	12	25	22	1	1	21	16
Spencer	22	8	1	1	8	3	13	4	1	1	10	4
Taylor	40	22	0	0	13	9	27	13	0	0	19	15
Todd	6	18	0	1	5	9	1	8	0	1	6	14
Trigg	14	23	1	1	8	9	5	13	1	1	9	9
Trimble	18	14	0	1	8	5	10	8	0	1	10	5
Union	15	18	0	1	6	6	9	11	0	1	8	11
Warren	130	158	3	2	38	52	89	104	3	2	54	77
Washington	13	18	1	0	8	12	4	6	1	0	10	17
Wayne	8	15	0	1	4	10	4	4	0	1	7	16
Webster	11	7	0	0	7	1	4	6	0	0	7	1
Whitley	35	26	1	1	17	9	17	16	1	1	25	22
Wolfe	11	7	3	1	3	5	5	1	3	2	6	7
Woodford	62	42	1	0	17	13	44	29	2	0	27	16
<b>TOTALS</b>	<b>5,372</b>	<b>5,189</b>	<b>171</b>	<b>188</b>	<b>2,118</b>	<b>1,987</b>	<b>3,083</b>	<b>3,014</b>	<b>188</b>	<b>204</b>	<b>3,107</b>	<b>2,866</b>

\* 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 1,168 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, 24 were fatal collisions and 514 were injury collisions.

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
ADAIR	5	1	1	1	1
ALLEN	1	0	0	0	0
ANDERSON	3	0	0	0	0
BALLARD	6	3	2	3	4
BARREN	5	1	2	1	6
BATH	4	0	2	0	3
BELL	17	3	7	3	10
BOONE	20	3	4	3	6
BOURBON	7	1	1	1	1
BOYD	30	3	13	3	21
BOYLE	6	1	1	1	1
BRACKEN	1	1	0	2	0
BREATHITT	6	0	4	0	5
BRECKENRIDGE	1	1	0	1	0
BULLITT	14	3	5	5	6
BUTLER	4	2	1	2	1
CALDWELL	6	1	3	1	3
CALLOWAY	4	1	1	1	1
CAMPBELL	19	2	7	2	9
CARLISLE	1	1	0	1	0
CARROLL	2	1	0	1	0
CARTER	19	2	8	2	13
CASEY	6	1	1	1	2
CHRISTIAN	10	2	3	2	5
CLARK	13	0	5	0	12
CLAY	14	1	9	1	16
CLINTON	7	0	2	0	3
CRITTENDEN	6	1	3	1	6
CUMBERLAND	1	0	1	0	1
DAVISS	42	4	8	5	12
EDMONSON	0	0	0	0	0
ELLIOTT	5	1	3	1	4
ESTILL	2	0	1	0	1
FAYETTE	65	8	15	8	19
FLEMING	6	1	1	1	2
FLOYD	49	4	30	5	42
FRANKLIN	21	0	8	0	15
FULTON	1	0	1	0	1
GALLATIN	1	1	0	5	0

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
GARRARD	7	2	1	2	2
GRANT	3	0	0	0	0
GRAVES	10	4	3	4	10
GRAYSON	7	2	5	2	5
GREEN	1	0	0	0	0
GREENUP	17	1	3	1	7
HANCOCK	1	1	0	4	0
HARDIN	12	3	4	3	4
HARLAN	24	1	14	1	30
HARRISON	2	0	1	0	1
HART	8	1	7	1	7
HENDERSON	21	2	8	2	15
HENRY	2	1	0	1	0
HICKMAN	2	2	0	2	0
HOPKINS	21	2	6	2	14
JACKSON	8	4	1	4	2
JEFFERSON	77	14	21	14	31
JESSAMINE	6	2	2	2	6
JOHNSON	19	2	12	3	20
KENTON	41	2	11	2	14
KNOTT	14	2	6	2	8
KNOX	13	1	4	1	6
LARUE	3	1	1	1	1
LAUREL	32	5	14	7	27
LAWRENCE	10	4	5	5	8
LEE	3	0	2	0	3
LESLIE	8	1	6	1	7
LETCHER	15	4	7	4	11
LEWIS	5	3	0	3	0
LINCOLN	8	5	0	7	0
LIVINGSTON	3	0	1	0	1
LOGAN	8	2	2	2	3
LYON	5	0	3	0	4
McCRACKEN	15	3	7	4	12
McCREARY	13	3	2	3	2
McLEAN	3	2	0	2	0
MADISON	19	5	7	5	12
MAGOFFIN	11	2	7	2	8
MARION	9	0	5	0	7

\* 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	24	4	9	4	14
MARTIN	13	0	7	0	12
MASON	6	4	2	4	5
MEADE	7	3	3	3	4
MENIFEE	0	0	0	0	0
MERCER	4	0	2	0	2
METCALFE	0	0	0	0	0
MONROE	1	1	0	1	0
MONTGOMERY	10	1	6	1	7
MORGAN	5	2	1	2	2
MUHLBERG	12	3	5	3	10
NELSON	16	2	5	2	7
NICHOLAS	3	0	2	0	2
OHIO	5	2	2	3	3
OLDHAM	5	3	0	3	0
OWEN	3	2	1	2	1
OWSLEY	5	0	4	0	9
PENDLETON	7	3	2	4	2
PERRY	26	6	8	6	18
PIKE	118	6	60	6	85
POWELL	8	3	2	3	2
PULASKI	29	8	10	8	19

COUNTY	ALL COLLISIONS	FATAL* COLLISIONS	INJURY COLLISIONS	PERSONS* KILLED	PERSONS INJURED
ROBERTSON	0	0	0	0	0
ROCKCASTLE	8	0	5	0	8
ROWAN	14	2	6	3	6
RUSSELL	11	1	7	1	10
SCOTT	3	0	0	0	0
SHELBY	11	1	2	1	2
SIMPSON	7	2	3	2	4
SPENCER	2	0	1	0	1
TAYLOR	3	1	0	1	0
TODD	3	1	1	1	1
TRIGG	5	2	2	2	2
TRIMBLE	3	2	0	2	0
UNION	5	1	1	1	3
WARREN	30	3	8	3	10
WASHINGTON	6	3	2	6	5
WAYNE	7	1	2	1	4
WEBSTER	2	1	0	1	0
WHITLEY	19	5	8	6	12
WOLFE	4	2	2	2	2
WOODFORD	4	1	2	1	2
<b>TOTALS</b>	<b>1,370</b>	<b>226</b>	<b>514</b>	<b>252</b>	<b>796</b>

\* 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	5,492	53	1,306	55	1,935
Pennyrile	5,767	48	1,346	50	1,922
Green River	6,071	43	1,220	50	1,790
Barren River	7,812	50	1,649	53	2,485
Lincoln Trail	6,210	58	1,293	65	1,938
KIPDA	31,979	109	6,239	113	9,167
Northern Kentucky	13,679	55	2,319	63	3,292
Buffalo Trace	1,334	20	273	21	435
Gateway	2,067	21	504	24	748
FIVCO	3,616	32	769	36	1,179
Big Sandy	3,739	47	1,253	49	1,947
Kentucky River	2,442	47	821	49	1,329
Cumberland Valley	5,276	67	1,559	73	2,444
Lake Cumberland	4,160	51	903	53	1,402
Bluegrass	24,909	102	4,706	110	6,773
<b>TOTALS</b>	<b>124,553</b>	<b>803</b>	<b>26,160</b>	<b>864</b>	<b>38,786</b>

## ALCOHOL RELATED COLLISIONS BY AREA DEVELOPMENT DISTRICT

AREA DEVELOPMENT DISTRICT	TOTAL NUMBER REPORTED	TOTAL COLLISIONS REPORTED		NUMBER PERSONS	
		FATAL*	INJURY	KILLED*	INJURED
Purchase	244	11	106	12	149
Pennyrile	290	13	121	13	169
Green River	246	9	94	12	140
Barren River	337	7	125	7	178
Lincoln Trail	332	17	133	18	180
KIPDA	937	31	357	32	526
Northern Kentucky	640	15	196	16	277
Buffalo Trace	103	7	43	7	65
Gateway	108	6	45	8	63
FIVCO	122	5	45	5	66
Big Sandy	168	11	88	11	129
Kentucky River	124	12	69	15	114
Cumberland Valley	191	14	86	15	142
Lake Cumberland	199	12	85	13	135
Bluegrass	1,148	18	394	20	533
<b>TOTALS</b>	<b>5,189</b>	<b>188</b>	<b>1,987</b>	<b>204</b>	<b>2,866</b>

\* 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	63	18	23	19	42
Pennyrile	71	12	27	12	46
Green River	79	13	19	18	33
Barren River	64	12	23	12	31
Lincoln Trail	61	15	25	18	33
KIPDA	114	24	29	26	40
Northern Kentucky	96	14	25	19	32
Buffalo Trace	18	9	3	10	7
Gateway	33	5	15	6	18
FIVCO	81	11	32	12	53
Big Sandy	210	14	116	16	167
Kentucky River	81	15	39	15	63
Cumberland Valley	135	20	62	23	111
Lake Cumberland	83	16	26	16	42
Bluegrass	181	28	50	30	78
<b>TOTALS</b>	<b>1,370</b>	<b>226</b>	<b>514</b>	<b>252</b>	<b>796</b>

\* 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

### 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Adair	137	102	0	0	3	5	134	97	0	0	3	5
Allen	17	35	0	0	3	0	14	35	0	0	3	0
Anderson	123	112	0	0	3	3	120	109	0	0	3	7
Ballard	16	29	0	0	0	2	16	27	0	0	0	3
Barren	376	378	0	0	16	4	360	374	0	0	18	4
Bath	45	33	0	1	3	0	42	32	0	1	3	0
Bell	256	266	0	0	7	7	249	259	0	0	11	9
Boone	983	908	1	0	29	27	953	881	1	0	34	30
Bourbon	130	131	0	1	2	6	128	124	0	1	2	6
Boyd	544	602	0	0	17	25	527	577	0	0	21	28
Boyle	291	257	0	0	5	4	286	253	0	0	5	4
Bracken	14	13	0	0	1	0	13	13	0	0	1	0
Breathitt	92	47	1	0	5	6	86	41	1	0	5	9
Breckinridge	54	51	0	0	3	2	51	49	0	0	5	2
Bullitt	211	208	0	0	12	15	199	193	0	0	14	17
Butler	30	48	0	0	0	2	30	46	0	0	0	2
Caldwell	81	82	0	0	5	4	76	78	0	0	5	5
Calloway	368	425	0	1	4	7	364	417	0	1	4	8
Campbell	640	644	0	0	16	16	624	628	0	0	18	16
Carlisle	7	6	0	0	1	0	6	6	0	0	1	0
Carroll	82	45	0	0	3	1	79	44	0	0	4	2
Carter	75	76	0	0	3	4	72	72	0	0	5	4
Casey	51	65	0	0	5	2	46	63	0	0	6	5
Christian	277	244	0	0	18	10	259	234	0	0	22	16
Clark	316	264	0	0	7	4	309	260	0	0	7	9
Clay	82	85	0	0	3	5	79	80	0	0	5	5
Clinton	43	42	0	0	2	1	41	41	0	0	3	1
Crittenden	21	20	0	0	1	0	20	20	0	0	2	0
Cumberland	9	16	0	0	0	0	9	16	0	0	0	0
Daviess	904	1,010	0	0	21	25	883	985	0	0	22	29
Edmonson	29	15	0	0	2	0	27	15	0	0	2	0
Elliott	14	8	0	0	2	0	12	8	0	0	2	0
Estill	56	70	0	0	4	4	52	66	0	0	4	4
Fayette	3,226	3,232	0	0	105	106	3,121	3,126	0	0	121	123
Fleming	64	62	0	0	3	2	61	60	0	0	3	2
Floyd	198	232	0	0	11	12	187	220	0	0	17	14
Franklin	564	581	0	0	11	20	553	561	0	0	12	26
Fulton	47	39	0	0	1	3	46	36	0	0	1	3
Gallatin	29	45	0	0	1	2	28	43	0	0	1	3
Garrard	55	54	0	0	2	3	53	51	0	0	2	4

# COLLISIONS BY COUNTY

## PARKING LOTS / PRIVATE PROPERTY

### 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Grant	158	135	0	0	3	2	155	133	0	0	3	3
Graves	108	100	0	0	3	8	105	92	0	0	3	10
Grayson	145	172	0	0	6	6	139	166	0	0	6	6
Green	31	51	0	0	1	0	30	51	0	0	2	0
Greenup	156	172	0	0	6	7	150	165	0	0	6	9
Hancock	33	23	0	0	0	2	33	21	0	0	0	2
Hardin	413	315	0	0	12	20	401	295	0	0	12	23
Harlan	152	150	0	0	7	6	145	144	0	0	7	7
Harrison	124	111	0	0	4	3	120	108	0	0	4	4
Hart	72	60	0	0	2	2	70	58	0	0	2	5
Henderson	485	509	0	0	19	20	466	489	0	0	21	23
Henry	41	69	0	0	0	2	41	67	0	0	0	8
Hickman	7	5	0	0	0	0	7	5	0	0	0	0
Hopkins	481	434	0	0	9	9	472	425	0	0	12	9
Jackson	43	37	0	0	3	1	40	36	0	0	61	2
Jefferson	1,915	2,069	2	1	187	214	1,726	1,854	2	1	232	257
Jessamine	342	350	0	0	16	16	326	334	0	0	19	20
Johnson	175	162	0	1	15	7	160	154	0	1	21	9
Kenton	960	987	0	1	37	33	923	953	0	1	42	36
Knott	65	43	0	0	11	2	54	41	0	0	12	2
Knox	202	199	0	1	9	5	193	193	0	1	9	6
Larue	47	43	0	0	0	1	47	42	0	0	0	1
Laurel	426	432	0	0	12	10	414	422	0	0	22	15
Lawrence	34	36	0	0	1	0	33	36	0	0	4	0
Lee	19	20	0	0	2	0	17	20	0	0	2	0
Leslie	54	38	1	0	4	1	49	37	1	0	4	2
Letcher	63	59	0	1	5	2	58	56	0	1	5	3
Lewis	43	29	1	0	1	2	41	27	1	0	1	2
Lincoln	65	102	0	0	0	1	65	101	0	0	0	1
Livingston	23	23	0	0	0	1	23	22	0	0	0	1
Logan	177	181	1	0	4	9	172	172	1	0	4	10
Lyon	54	51	0	0	0	2	54	49	0	0	0	2
McCracken	469	408	1	0	25	32	443	376	1	0	37	37
McCreary	46	63	0	0	1	5	45	58	0	0	4	8
McLean	31	33	0	0	2	3	29	30	0	0	2	3
Madison	826	841	0	0	12	14	814	827	0	0	14	15
Magoffin	15	31	1	0	0	3	14	28	1	0	0	4
Marion	127	163	0	0	2	1	125	162	0	0	2	1
Marshall	186	183	0	0	4	4	182	179	0	0	4	5
Martin	50	43	0	0	4	4	46	39	0	0	4	6

# COLLISIONS BY COUNTY

## PARKING LOTS / PRIVATE PROPERTY

### 2006 VS 2007

COUNTY	COLLISIONS								PERSONS			
	TOTAL		FATAL		NON-FATAL INJURY		PROPERTY DAMAGE		KILLED		INJURED	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
Mason	249	246	0	0	4	5	245	241	0	0	4	7
Meade	68	76	0	0	2	4	66	72	0	0	2	6
Menifee	15	14	0	0	1	0	14	14	0	0	1	0
Mercer	150	142	0	1	2	1	148	140	0	1	3	2
Metcalfe	40	36	1	0	0	1	39	35	1	0	0	1
Monroe	29	18	0	0	2	0	27	18	0	0	2	0
Montgomery	238	298	0	0	6	8	232	290	0	0	8	10
Morgan	59	72	0	0	1	3	58	69	0	0	1	5
Muhlenberg	207	259	0	0	2	6	205	253	0	0	3	7
Nelson	258	257	0	0	8	3	250	254	0	0	12	4
Nicholas	25	22	0	0	0	0	25	22	0	0	0	0
Ohio	146	134	0	0	2	4	144	130	0	0	3	4
Oldham	87	64	0	0	4	4	83	60	0	0	6	5
Owen	36	22	0	0	3	1	33	21	0	0	4	1
Owsley	20	11	0	0	1	0	19	11	0	0	1	0
Pendleton	63	52	0	0	2	1	61	51	0	0	2	1
Perry	254	262	0	0	6	7	248	255	0	0	8	11
Pike	475	498	2	1	32	29	441	468	2	1	41	33
Powell	37	33	0	0	1	2	36	31	0	0	1	2
Pulaski	602	622	0	0	19	16	583	606	0	0	22	19
Robertson	3	3	0	0	0	0	3	3	0	0	0	0
Rockcastle	79	85	1	0	2	1	76	84	1	0	2	1
Rowan	243	263	1	2	4	3	238	258	1	2	4	3
Russell	135	109	0	0	3	1	132	108	0	0	3	1
Scott	340	323	0	0	12	9	328	314	0	0	12	12
Shelby	189	235	0	0	6	4	183	231	0	0	7	4
Simpson	138	163	0	1	5	3	133	159	0	1	6	4
Spencer	33	34	0	0	4	1	29	33	0	0	4	1
Taylor	243	248	0	0	8	10	235	238	0	0	8	10
Todd	43	50	0	0	1	2	42	48	0	0	1	3
Trigg	70	88	0	0	1	0	69	88	0	0	1	0
Trimble	16	12	0	0	1	0	15	12	0	0	1	0
Union	100	96	0	0	7	2	93	94	0	0	12	3
Warren	624	643	1	0	46	38	577	605	1	0	55	49
Washington	41	60	0	0	4	2	37	58	0	0	6	2
Wayne	105	123	0	0	2	2	103	121	0	0	3	2
Webster	32	19	0	0	1	0	31	19	0	0	1	0
Whitley	263	251	2	0	9	6	252	245	2	0	12	6
Wolfe	24	38	0	0	0	1	24	37	0	0	0	1
Woodford	161	165	0	0	4	6	157	159	0	0	4	6
<b>TOTALS</b>	<b>25,360</b>	<b>25,660</b>	<b>17</b>	<b>13</b>	<b>987</b>	<b>985</b>	<b>24,356</b>	<b>24,662</b>	<b>17</b>	<b>13</b>	<b>1,246</b>	<b>1,188</b>

# TYPES OF COLLISIONS

## PARKING LOTS / PRIVATE PROPERTY

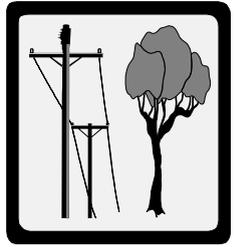


### PARKING LOTS:

Total Collisions: 25,056  
 % of Total Collisions: 97.65%  
 Persons Killed: 1  
 % of Total Fatalities: 7.69%  
 No. of Fatal Collisions: 1  
 % of All Fatal Collisions: 7.69%

### COLLISION WITH FIXED OBJECT:

Total Collisions: 151  
 % of Total Collisions: 0.59%  
 Persons Killed: 1  
 % of Total Fatalities: 7.69%  
 No. of Fatal Collisions: 1  
 % of All Fatal Collisions: 7.69%

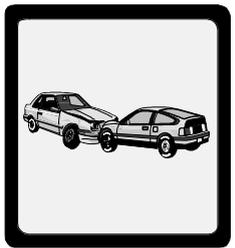


### COLLISION WITH PEDESTRIAN:

Total Collisions: 17  
 % of Total Collisions: 0.07%  
 Persons Killed: 6  
 % of Total Fatalities: 46.15%  
 No. of Fatal Collisions: 6  
 % of All Fatal Collisions: 46.15%

### COLLISION WITH MOVING MOTOR VEHICLE:

Total Collisions: 212  
 % of Total Collisions: 0.83%  
 Persons Killed: 1  
 % of Total Fatalities: 7.69%  
 No. of Fatal Collisions: 1  
 % of All Fatal Collisions: 7.69%

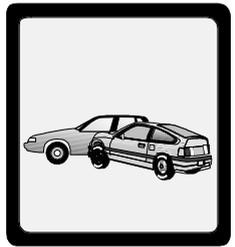


### COLLISION WITH PEDALCYCLIST:

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: 175  
 % of Total Collisions: 0.68%  
 Persons Killed: 0  
 % of Total Fatalities: 0.00%  
 No. of Fatal Collisions: 0  
 % of All Fatal Collisions: 0.00%

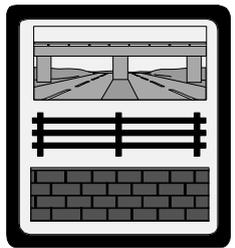


### COLLISION WITH RAILWAY TRAIN:

Total Collisions: 10  
 % of Total Collisions: 0.04%  
 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: 13  
 % of Total Collisions: 0.05%  
 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: 4  
 % of Total Collisions: 0.02%  
 Persons Killed: 0  
 % of Total Fatalities: 0.00%  
 No. of Fatal Collisions: 0  
 % of All Fatal Collisions: 0.00%

### NON-COLLISION (INCLUDING OVERTURNED):

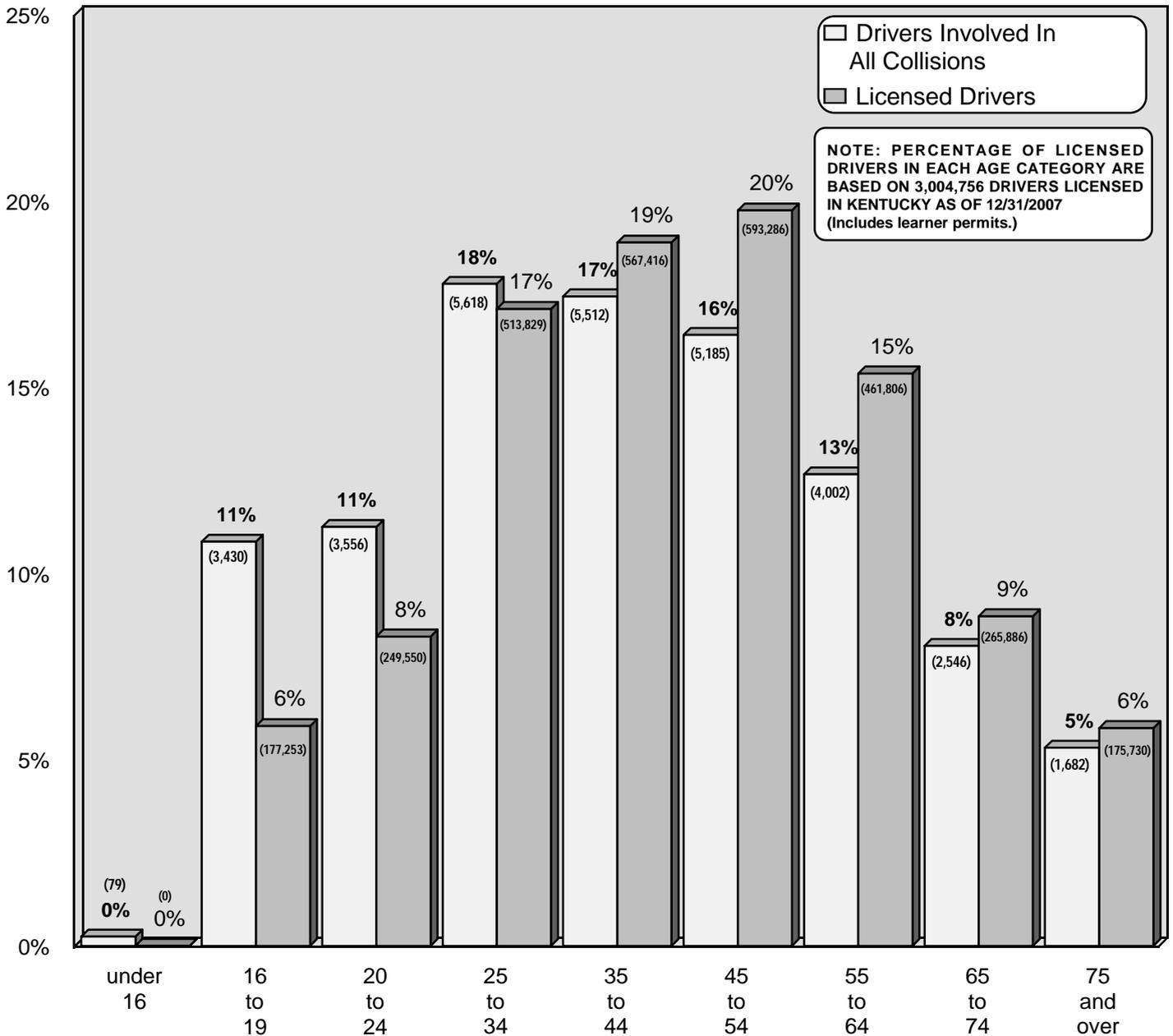
Total Collisions: 20  
 % of Total Collisions: 0.08%  
 Persons Killed: 4  
 % of Total Fatalities: 30.07%  
 No. of Fatal Collisions: 4  
 % of All Fatal Collisions: 30.07%



# AGE OF DRIVER (ALL COLLISIONS)

## PARKING LOTS / PRIVATE PROPERTY

The chart below groups the ages of 31,610 drivers involved in traffic collisions during 2007 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 583 driver's ages which could not be determined. These drivers represent 1.8% of all drivers involved in collisions. The percentages given below do not consider the "Unknown" category.



AGE

# 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	13,183	51.38	3	23.08
Misjudge Clearance	4,152	16.18	1	7.69
Improper Backing	1,572	6.13	0	0.00
Not Under Proper Control	1,405	5.48	2	15.38
Failed to Yield Right of Way	976	3.80	0	0.00
Distraction	618	2.41	0	0.00
Alcohol Involvement	577	2.25	3	23.08
Too Fast for Conditions	218	0.85	3	23.08
Lost Consciousness/Fainted	212	0.83	0	0.00
Turning Improperly	148	0.58	0	0.00
Drug Involvement	123	0.48	0	0.00
Emotional	118	0.46	0	0.00
Following Too Close	91	0.35	0	0.00
Disregard Traffic Control	85	0.33	0	0.00
Cell Phone	83	0.32	0	0.00
Exceeded Stated Speed Limit	76	0.30	0	0.00
Improper Passing	74	0.29	0	0.00
Overcorrecting/Oversteering	73	0.28	0	0.00
Sick	55	0.21	0	0.00
Physical Disability	40	0.16	0	0.00
Medication	37	0.14	0	0.00
Fatigue	30	0.12	0	0.00
Fell Asleep	24	0.09	0	0.00
Weaving in Traffic	5	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	235	0.92	0	0.00
Steering Failure	26	0.10	0	0.00
Tire Failure	18	0.07	0	0.00
Oversized Load on Vehicle	11	0.04	0	0.00
Tow Hitch Defective / Separation of Units	9	0.04	0	0.00
Other Lighting Defective	3	0.01	0	0.00
Load Securement	3	0.01	0	0.00
Headlights Defective	2	0.01	0	0.00
Overweight	2	0.01	0	0.00

ENVIRONMENTAL FACTORS	ALL COLLISIONS	PERCENT OF TOTAL	FATAL COLLISIONS	PERCENT OF TOTAL
View Obstructed	631	2.46	1	7.69
Slippery Surface	441	1.72	1	7.69
Improperly Parked Vehicle	238	0.93	0	0.00
Glare	116	0.45	0	0.00
Water Pooling	98	0.38	0	0.00
Animal Action	28	0.11	0	0.00
Hole/Deep Ruts/Bumps	22	0.09	0	0.00
Fixed Object(s)	20	0.08	0	0.00
Roadway Construction	18	0.07	1	7.69
Traffic Controls Not Working	6	0.02	0	0.00
Shoulder Defective	6	0.02	0	0.00
Debris In Roadway	3	0.01	0	0.00
Maintenance / Utility	1	0.00	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 2007 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	5	0	0
16	12	2	17
17	28	1	4
18	39	2	5
19	33	7	21
20	21	4	19
21	18	6	33
22-24	94	16	17
25-34	218	45	21
35-44	256	60	23
45-54	181	27	15
55-64	140	13	9
65-74	73	4	5
Over 74	67	1	1
Unknown	4	0	0
TOTALS	1,189	188	16

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

**DURING 2007, THERE WERE 203 PERSONS KILLED IN FATAL COLLISIONS INVOLVING A DRINKING DRIVER. THIS REPRESENTS 23% OF ALL PERSONS KILLED IN TRAFFIC COLLISIONS IN KENTUCKY DURING 2007.**

The chart below shows drinking drivers by age and alcohol test result. Seventy-eight (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	2	0	2	0	0
17	1	0	0	1	0
18	2	0	0	2	0
19	7	0	4	3	0
20	4	0	0	0	4
21	6	1	0	4	1
22-24	16	1	3	9	3
25-34	46	5	4	17	20
35-44	60	5	7	29	19
45-54	27	2	6	8	11
55-64	13	0	3	2	8
65-74	4	0	0	4	0
75+	1	1	0	0	0
Unknown	0	0	0	0	0
<b>TOTAL</b>	<b>189</b>	<b>15</b>	<b>29</b>	<b>79</b>	<b>66</b>

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

**DURING 2007, TWENTY-SEVEN (27) PERCENT OF THE FATALLY INJURED PEDESTRIANS OVER THE AGE OF 15 WERE DRINKING. THEIR AVERAGE ALCOHOL TEST WAS 0.20%**

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

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

## FATALLY INJURED PEDESTRIANS

AGE	TOTAL	NUMBER DRINKING	AVERAGE TEST RESULTS
0-5	0	0	.00
6-10	0	0	.00
11-15	0	0	.00
16-20	2	0	.00
21-25	4	2	.20
26-30	6	2	.23
31-40	7	3	.21
41-50	12	4	.22
51-60	9	1	.15
61-70	1	0	.00
71-80	2	0	.00
81+	2	0	.00
UNKNOWN	0	0	.00
<b>TOTAL</b>	<b>45</b>	<b>12</b>	<b>.20</b>

# 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 2007 FARS data strongly confirms both the lifesaving advantage as well as the reduction of serious injury when restraints are in place. SIXTY-FOUR (64) PERCENT OF THE VEHICLE OCCUPANTS KILLED DURING 2007 WERE NOT RESTRAINED. FORTY-SIX (46) PERCENT OF THE VEHICLE OCCUPANTS SUFFERING INCAPACITATING INJURY WERE NOT RESTRAINED. FORTY-TWO (42) 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	40	72	0	274	497	0	883
Incapacitating Injury	2	3	0	119	107	0	231
Non-Incapacitating Injury	1	5	0	174	127	0	307
Possible Injury	3	0	0	116	55	0	174
No Injury	0	0	0	292	27	0	319
Unknown If Injured	0	0	0	0	0	3	3
Injured, Severity Unknown	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>46</b>	<b>80</b>	<b>0</b>	<b>975</b>	<b>813</b>	<b>3</b>	<b>1,917</b>

Of the 1,917 vehicle occupants involved in fatal collisions in 2007, only 975 were using safety restraints - an overall usage rate of 51% in fatal collisions.

## EJECTION

Result	Total Ejection	Partial Ejection	No Ejection	Unknown	TOTAL
Fatal Injury	154	44	505	0	703
Incapacitating Injury	33	3	188	0	224
Non-Incapacitating Injury	14	2	281	0	297
Possible Injury	6	0	165	0	171
No Injury	2	0	317	0	319
Unknown If Injured	0	0	3	0	3
Injured, Severity Unknown	0	0	0	0	0
<b>TOTAL</b>	<b>209</b>	<b>49</b>	<b>1,459</b>	<b>0</b>	<b>1,717</b>

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. SEVENTY-SEVEN (77) 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

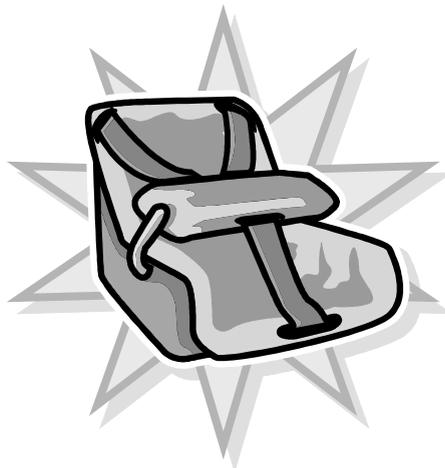
Kentucky's "child restraint law" (KRS 189.125) became effective July 15, 1982, and Subsection (3) requires that *"Any driver of a motor vehicle, when transporting a child of forty (40) inches in height or less in a motor vehicle operated on the roadways, streets, and highways of this state, shall have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

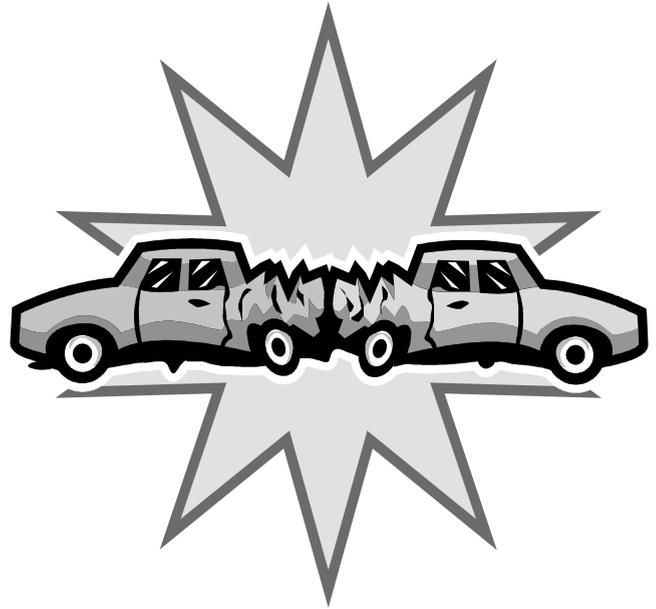
<b>RESULT</b>	<b>Age 4 &amp; Under Total</b>	<b>Child Restraint Used</b>	<b>Lap Belt &amp;/or Harness Used</b>	<b>None Used</b>	<b>Unknown</b>
<b>Killed</b>	<b>8</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Injured (Incapacitating)</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>0</b>
<b>Injured (Non-Incapacitating)</b>	<b>10</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>Injured (Possible)</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>Not Injured</b>	<b>10</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>42</b>	<b>32</b>	<b>0</b>	<b>10</b>	<b>0</b>

Of the forty-two (42) child occupants (four years and under) involved in fatal collisions in 2007, thirty-two (32) children were secured in a child restraint. Of the eight (8) children killed, one (1) had no restraint, zero (0) were using a lap belt or shoulder harness, and seven (7) were using child safety seat.



# \$2.1 - \$5.9 BILLION

## COST of KENTUCKY TRAFFIC COLLISIONS 2007



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 2007 (occurring on public roads). Costs for 2006 were used since 2007 data was not available.

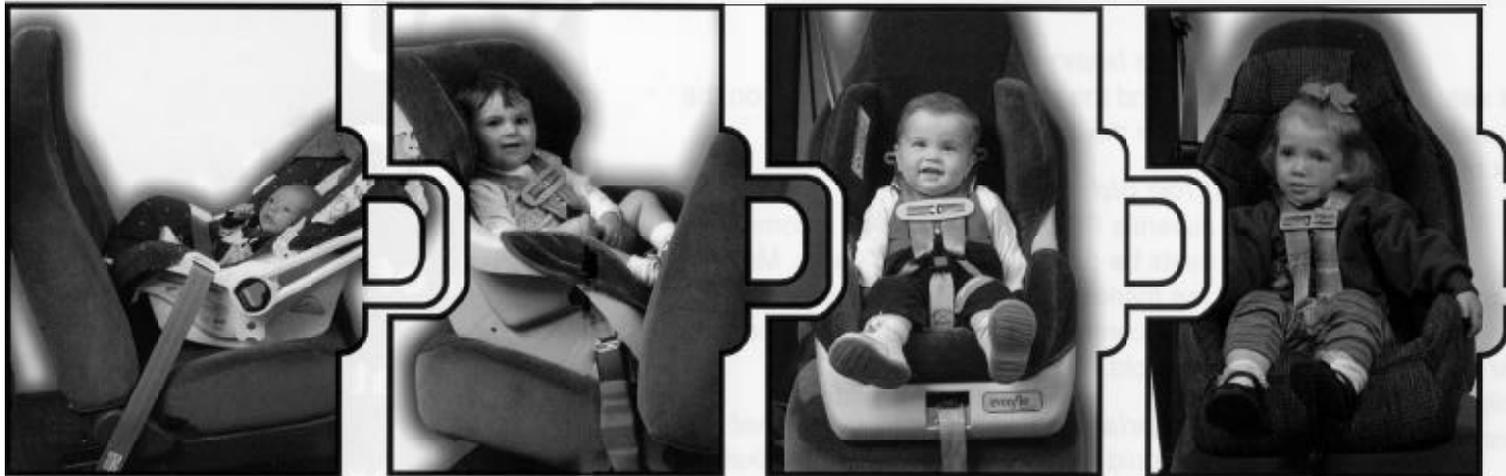
The **economic cost** (\$2.1 billion) was derived from the following formula:

Cost per	X	Number Reported	=	Estimated Cost
<b>Fatalities</b> @ \$1,210,000	X	864	=	\$1,045,440,000
<b>Incapacitating Injuries</b> @ \$62,500	X	5,082	=	\$317,625,000
<b>Non-Incapacitating Injuries</b> @ \$20,300	X	14,275	=	\$289,782,500
<b>Possible Injuries</b> @ \$11,100	X	19,429	=	\$215,661,900
<b>Property Damage Only</b> @ \$2,200	X	97,590	=	\$214,698,000
<b>TOTAL ECONOMIC COST ESTIMATE:</b>				<b>\$2,083,207,400</b>

The **comprehensive cost** (\$5.9 billion) was derived from the following formula:

Cost per	X	Number Reported	=	Estimated Cost
<b>Fatalities</b> @ \$4,000,000	X	864	=	\$3,456,000,000
<b>Incapacitating Injuries</b> @ \$201,100	X	5,082	=	\$1,021,990,200
<b>Non-Incapacitating Injuries</b> @ \$50,400	X	14,275	=	\$719,460,000
<b>Possible Injuries</b> @ \$24,400	X	19,429	=	\$474,067,600
<b>Property Damage Only</b> @ \$2,200	X	97,590	=	\$214,698,600
<b>TOTAL COMPREHENSIVE COST ESTIMATE:</b>				<b>\$5,886,216,400</b>

# INSTALLING YOUR



## Infant Seat/ Rear-Facing Convertible

These can be used for babies from birth to 20-22 pounds and less than 26 inches (check your car seat rating).

- NEVER place a rear-facing car seat in front of an air bag.
- Seat must face the rear of the vehicle.
- Harness straps should come through the slots in the back of the seat just below the level of your baby's shoulders.
- The seat should be reclined no more than 45-degrees angle. A rolled up towel may be used to help adjust the seat to the proper angle.
- Make sure the carrying handle is locked in the down position while in the car.
- Always keep harness straps snug so no more than one finger fits under it at the child's shoulder and fasten harness clip at armpit level.

## Infant Seat/ Rear-Facing Convertible

These should be used for babies rear-facing who are 20 or more pounds AND one year of age and under.

- If your child reaches 20 pounds before turning one year old, you must make sure the car seat is rated up to 30-35 pounds when rear-facing.
- Do NOT place your child in a forward facing seat until at least 20 pounds and one year of age. A child younger than one does not have neck muscles strong enough to withstand a crash in a forward-facing seat.
- Keep harness straps snug and below shoulder level.

Check the label on your car seat to see its weight rating for your child now and for later growth.

## Convertible

These seats can be adjusted for use by infants or toddlers. See previous for children under one year and 20 pounds.

- Use this seat forward-facing and upright for toddlers over age one and from 20-40 pounds.
- Harness straps should be snug and come through the uppermost slots in the back of the seat.
- Adjust car seat to upright position.

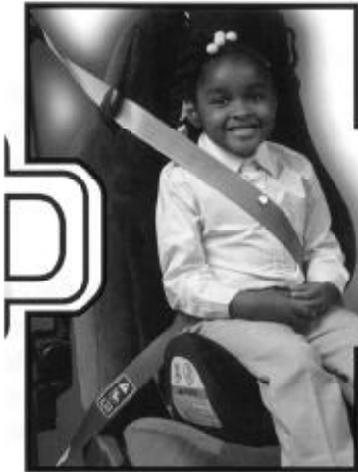
## Toddler Car Seat/ Belt-Positioning Booster Seat

These seats are forward-facing only and are for children over one year and 20 pounds. They can be used up to 80 pounds.

### Up to 40 pounds:

- Use the harness until your child is 40 pounds.
- Harness straps should be snug and come through the back of the seat above the shoulder.
- Booster seats with shields are never recommended. Remove the shield and follow the manufacturer's directions.

# SAFETY SEAT



**Toddler Car Seat/  
Belt-Positioning  
Booster Seat**

**Over 40 pounds:**

One of the most common mistakes made is to place a child in a vehicle seat belt too early. Your child needs a booster seat if:

- The shoulder belt crosses your child's face or neck.
- If the lap belt rides up on your child's stomach (this can cause serious stomach and spinal injuries in the event of a crash).
- If your child's legs do not bend over the seat naturally at the knee. (If your child's legs are not long enough for him or her to sit naturally, he or she may slouch down to be more comfortable. This can cause the lap belt to ride up on the stomach.) Booster seats raise your child to a safe level so the lap and shoulder belt fits correctly.

**Using a booster seat:**

- Harness should be removed and the seat should be used as a belt-positioning booster with the lap/shoulder belt.
- Booster seats with shields are never recommended. Remove the shield and follow the manufacturer's directions.



**Lap Belt**

- If your car only has a lap belt in the back seat, you will need an 86-Y harness available by calling E-Z On Products Inc., (800) 323-6598 or visit [www.ezonpro.com](http://www.ezonpro.com) on the internet.



**Seat Belt**

For older children who are at least 4 feet, 6 inches tall and 80 pounds.

- Lap portion of the belt must go over the thighs.
- Shoulder portion of the belt must go over the shoulder, never the face or neck.
- Shoulder and lap belt adjusters are never recommended.



**Locking Clips**

Note: Check your vehicle Owner's Manual to determine how your seat belt works with your car seat.

**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 2007 TRAFFIC COLLISION FACTS report you requested. If you want to receive the 2008 report, please print or type your name and address below and return this form.**

**This card must be returned to ensure receipt of the 2008 publication. Existing mailing lists are being revised to include only those individuals who respond to this notice.**



name \_\_\_\_\_

company \_\_\_\_\_

address \_\_\_\_\_

city, state, zip \_\_\_\_\_

