



**KENTUCKY
TRAFFIC ACCIDENT FACTS
1979**

KENTUCKY TRAFFIC ACCIDENT FACTS 1979



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By

BUREAU OF STATE POLICE

Kenneth E. Brandenburgh, Commissioner

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TABLE OF CONTENTS

Cover Page	1
Table of Contents	3
Letter of Transmittal	4
Foreword.....	5
Statistical Highlights 1978-1979.....	6
Total Reported Accidents	7
National and Kentucky Death Rates 1974-1979	7
Types of Accidents	8
Manner of Two Vehicle Collision	10
Class of Trafficway	11
Type of Roadway Surface	12
Condition of Roadway	12
Road Character	13
Type of Vehicle	14
Locations of Accidents	15
Residence of Driver	15
Sex of Driver	15
Total Accidents by Age of Driver	16
Fatal Accidents by Age of Driver	17
Fatalities by Age and Sex	18
Injury by Severity	19
Hour of Occurrence	20
Day of Occurrence	21
Contributing Factors	22
Accidents by Month.....	24
Accident Severity Relationship	24
Fatality Calendar	25
Fatal Accidents by County	26
Comparative Statistics by County 1978-1979	28
Total Accidents by County	30
Fatalities by Major Holiday Periods 1974-1979	32
Major Holiday Periods—Deaths Per Day	32
Major Holiday Periods—Accidents Per Day	32
Classifications of Accidents Involving Pedestrians	33
Age of Pedestrians Killed or Injured	33
Pedestrian Accidents by Day of Week	34
Pedestrian Accidents by Hour of Day	34
Moped Statistics	35
Motorcycle Statistics	35
Motorcycle Accidents by Age of Driver	36
Motorcycle Accidents by Time of Day	36
Classifications of Accidents Involving Bicycles	37
Bicycle Accidents by Type of Roadway	37
Bicycle Accidents by Age and Sex of Injured	38
Bicycle Accidents by Time of Day	38
Definitions and Terms	39



OFFICE OF THE GOVERNOR
FRANKFORT, KENTUCKY 40601

JOHN Y. BROWN, JR.
GOVERNOR

A modern highway transportation system involves more than keeping roads in good repair and building new highways. It requires the cooperative efforts of the Department of Transportation, the State Police, and the motoring public to insure that system will serve the entire public in the most efficient and safest way possible.

In spite of a reduced speed limit and the continued vigilance of the State Police, serious traffic accidents are still too prevalent. We must work harder to reduce the number of accidents on our highways.

I pledge State Government's dedication to an ongoing transportation program geared to safety. This report will remind us that much work remains to be done. May I count on your help?

Sincerely,

A handwritten signature in blue ink, appearing to read "John Y. Brown, Jr.", written in a cursive style.

John Y. Brown, Jr.
Governor

FOREWORD

The annual report on Kentucky Traffic Accident Facts for 1979 is made possible by the statutory provisions contained in KRS 189.635. This statute designates the Bureau of Kentucky State Police as the central traffic accident report collection agency for the Commonwealth of Kentucky. Reports on both rural and urban traffic collisions are submitted by law enforcement agencies throughout the state. Those reports are coded, data processed, and analyzed by the Bureau. The continued cooperation of these various reporting agencies assures a meaningful picture of accident experience in Kentucky.

The following comments represent a number of statistical factors revealed by the statewide accident reporting program during 1979.

1. The Bureau collected and processed 147,247 accident reports from approximately 400 agencies during 1979, a 3.4% decrease compared to 1978. Other agencies outside the Bureau submitted 78% of the total reports.
2. 1979 was the first year that Kentucky experienced an annual decline in total miles traveled since the Uniform Accident Reporting Program has been in effect.
3. While both total accidents and miles traveled declined, total injury (fatal and non-fatal) accidents increased. This accident severity relationship is a serious reversal in the general trend for highway safety.
4. While "driver inattention" and "failed-to-yield" make up the bulk of contributing factors in all accidents, "unsafe speed" is a predominate and leading factor in fatal crashes.
5. The young male driver (15-24) continues to dominate the lead in accident involvement.

The Department of Justice and The Bureau of State Police wish to acknowledge and express an appreciation for the excellent cooperation extended from all Law Enforcement Agencies throughout the Commonwealth.

STATISTICAL HIGHLIGHTS

ACCIDENTS	1978	1979
1. TOTAL ACCIDENTS	152,303	147,247
2. FATAL ACCIDENTS	785	801
3. NON-FATAL INJURY ACCIDENTS	29,019	29,447
4. PROPERTY DAMAGE ACCIDENTS	122,499	116,999
5. KILLED	893	905
6. INJURED	44,480	44,829
ANALYSIS		
1. SEVERITY RATE*	1-37-156	1-37-146
2. DEATH RATES (per fatal accident)	1.14	1.13
MILES TRAVELLED (per 100 million)	3.2	3.3
POPULATION (per 100 thousand)	25.7	25.6
LICENSED DRIVERS (per 100 thousand)	43.8	43.8
REGISTERED VEHICLES (per 100 thousand)	33.4	34.5
3. ECONOMIC LOSS (approximated)	\$436,280,000	\$498,860,000

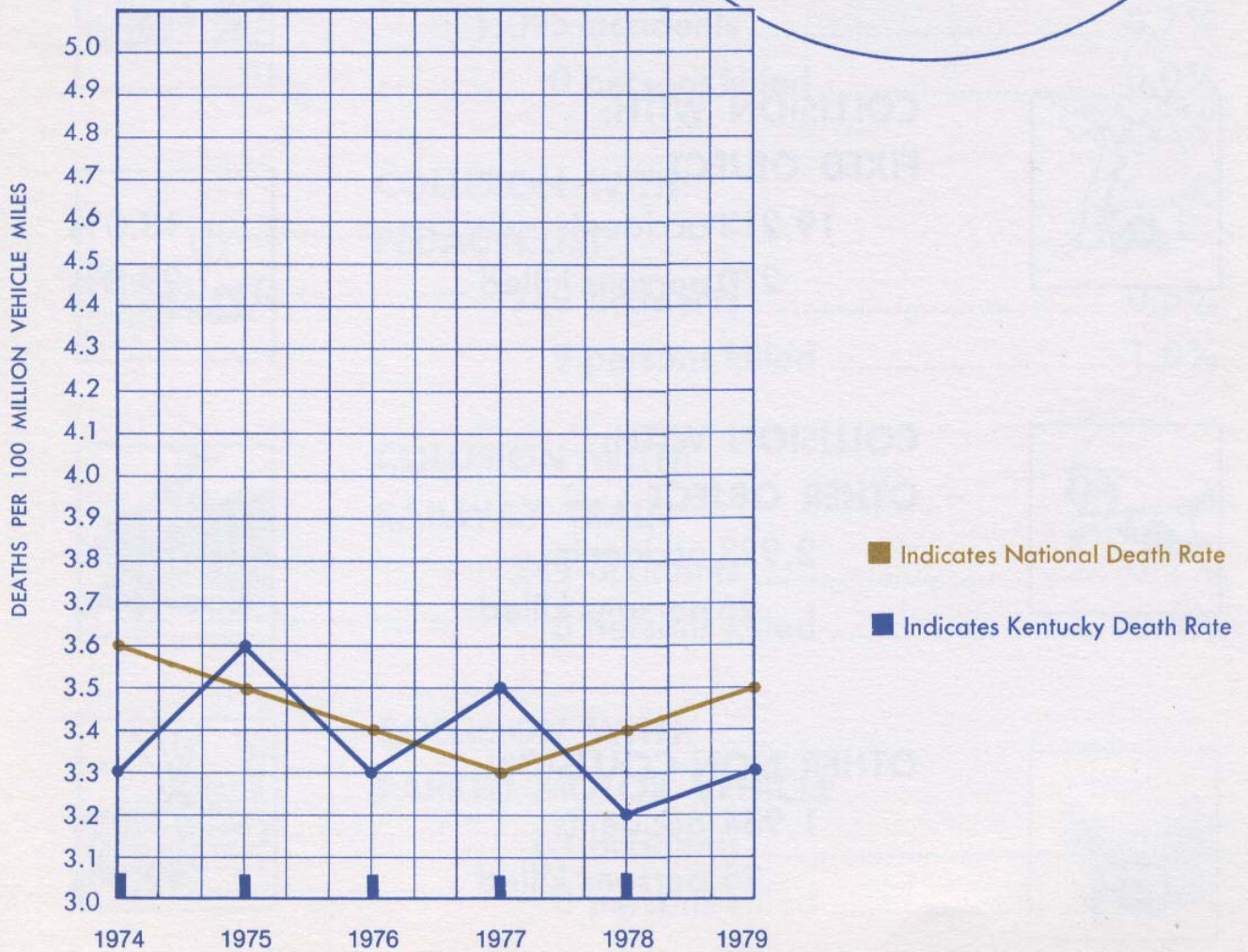
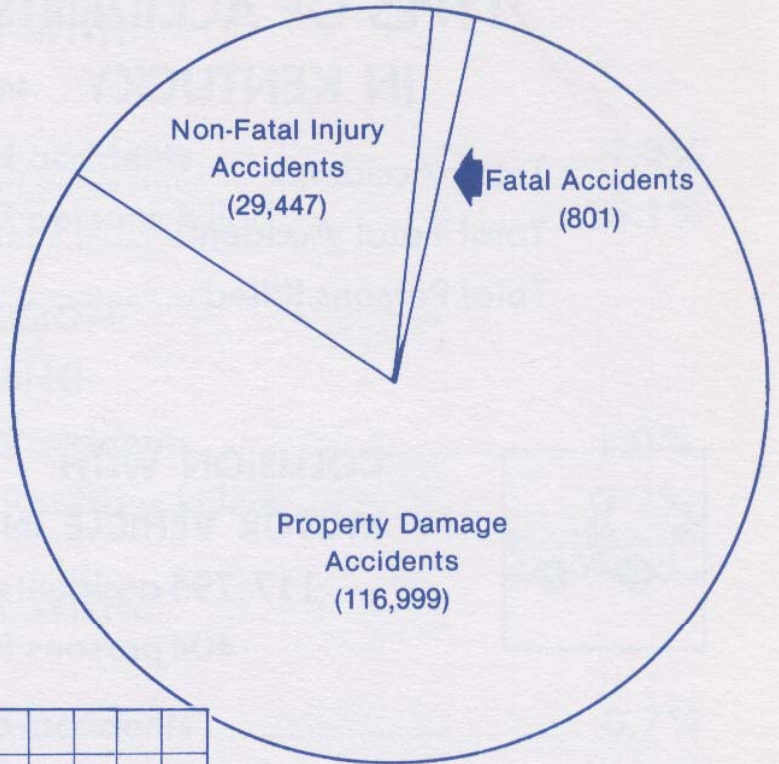
*Severity rate is ratio of non-fatal and property damage accidents to fatal accidents.

1978-1979 TRAFFIC ACCIDENTS AT A GLANCE

	1978	1979
DEATHS	893	905
INJURIES	44,480	44,829
TOTAL REPORTED ACCIDENTS	152,303	147,247
ANNUAL MOTOR VEHICLE MILEAGE	28,153,110,406	27,456,985,123
MOTOR VEHICLE REGISTRATION	2,672,728	2,621,958
DEATH RATE (FATALITIES PER 100,000,000 VEHICLE MILES)	3.2	3.3
DEATH RATE (FATALITIES PER 100,000 POPULATION)	25.69	25.61
INJURY PRODUCING ACCIDENTS:		
Fatal Accidents	785	801
Non-Fatal Injury Accidents	29,019	29,447
Percent of Total Accidents Which Were Fatal	.51%	.54%
Percent of Total Accidents Causing Non-Fatal Injuries	19.05%	20.00%

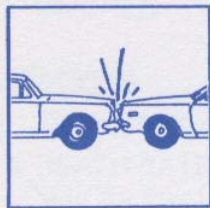
1979 TOTAL REPORTED ACCIDENTS: 147, 247

Although fatal accidents represent a very thin "spoke" in the total accident wheel, this spoke reflects the needless loss of 905 lives on Kentucky highways during 1979.



TYPES OF ACCIDENTS IN KENTUCKY

Total Accidents	147,247
Total Fatal Accidents	801
Total Persons Killed	905



COLLISION WITH: MOTOR VEHICLE IN TRANSPORT

117,795 accidents	80.0%
404 persons killed	44.6%



COLLISION WITH: FIXED OBJECT

19,213 accidents	13.0%
270 persons killed	29.8%



COLLISION WITH: OTHER OBJECT

2,923 accidents	2.0%
26 persons killed	2.9%



OTHER NON-COLLISION:

1,934 accidents	1.3%
25 persons killed	2.8%



**COLLISION WITH:
PEDESTRIAN**

1,764 accidents 1.2%
137 persons killed 15.1%



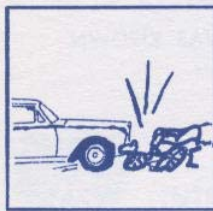
**NON-COLLISION:
OVERTURNING**

1,462 accidents 1.0%
29 persons killed 3.2%



**COLLISION WITH:
ANIMAL**

1,095 accidents 0.7%
0 persons killed 0.0%



**COLLISION WITH:
PEDACYCLIST**

749 accidents 0.5%
9 persons killed 1.0%



**COLLISION WITH:
RAILWAY TRAIN**

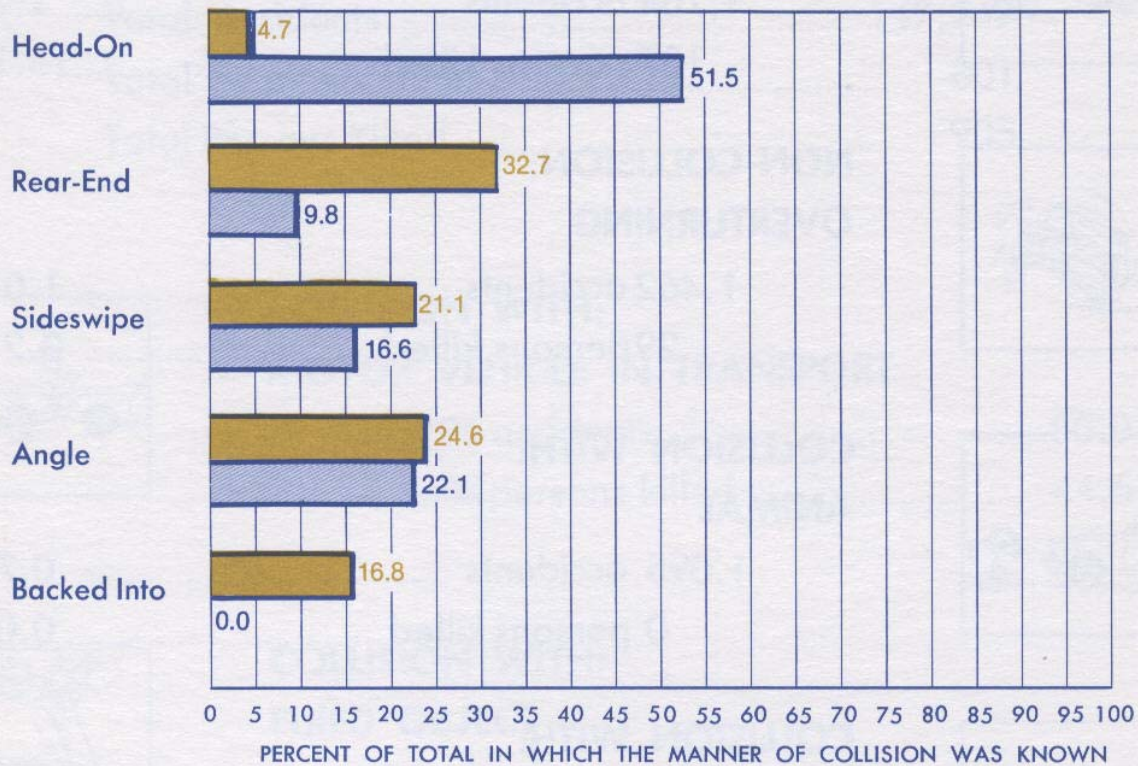
249 accidents 0.2%
5 persons killed 0.6%



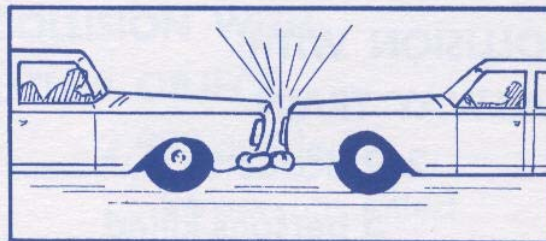
**COLLISION WITH:
PARKED MOTOR VEHICLE**

63 accidents 0.0%
0 persons killed 0.0%

MANNER OF TWO-VEHICLE COLLISION



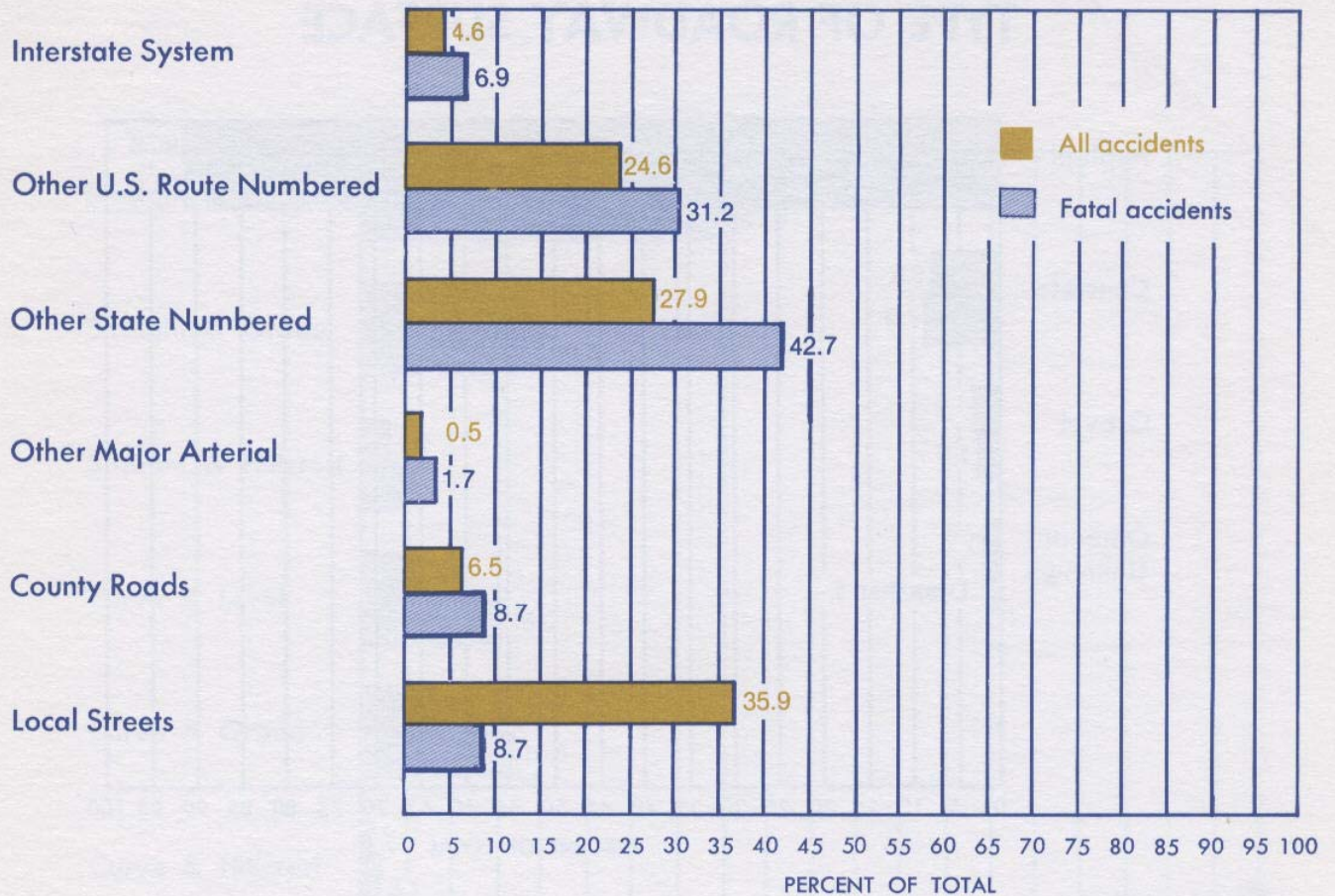
■ All accidents
 ▨ Fatal accidents



A total of 117,795 accidents, or 80% of all accidents were collisions involving two motor vehicles. Of those accidents in which the manner of collision was reported, the rear-end collision represents the most frequent accident. However, the graph shows a fairly even distribution of collisions which were either rear-end, sideswipe, or angle. Head-on and backing accidents make up just over 21% of the total.

The fatal accident statistics paint quite a different picture. Head-on collisions account for over half of all two motor vehicle fatal accidents. Angle collisions account for less than 23% of the total. The additional accidents consisted of rear-end and sideswipe collisions.

CLASS OF TRAFFICWAY



INTERSTATE SYSTEM is any trafficway within the national system for interstate and defense trafficways.



OTHER U.S. ROUTE NUMBERED is any trafficway within the U.S. trafficway system, excluding interstate and other limited access trafficways.



OTHER STATE ROUTE NUMBERED is any trafficway within the state trafficway system, excluding other limited access trafficways.

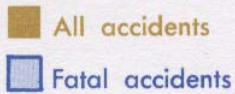
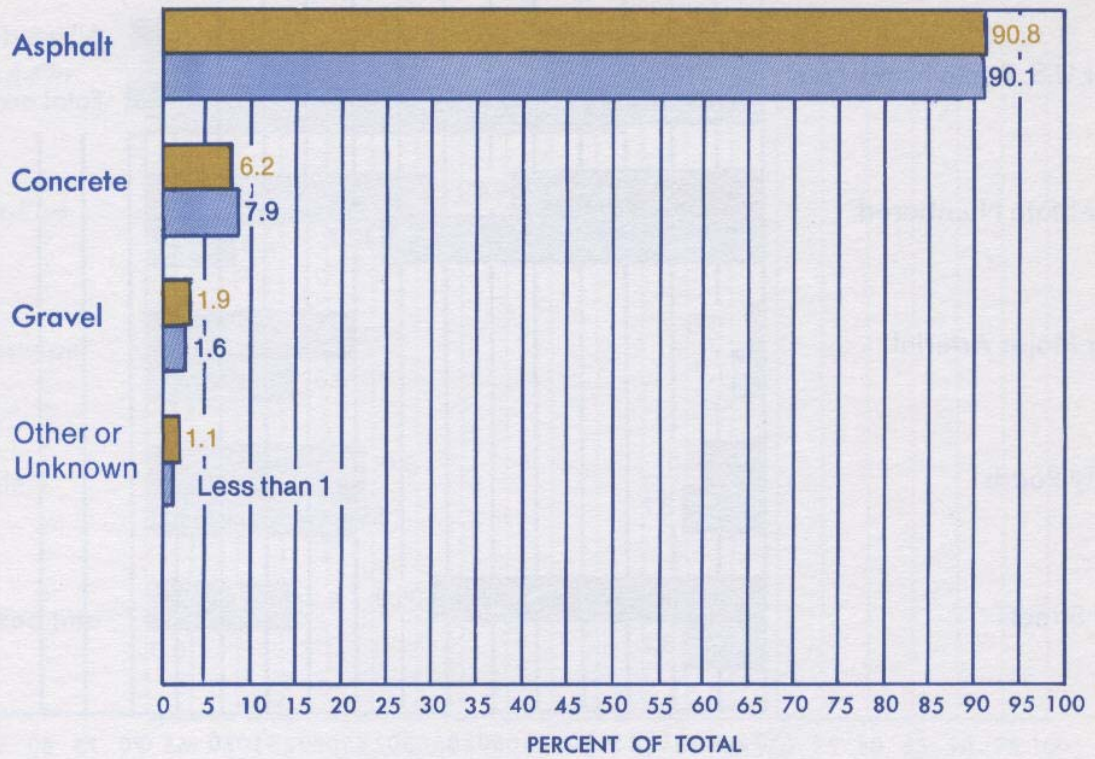
OTHER MAJOR ARTERIAL is any trafficway, usually city streets and county highways, for which cross traffic is required to stop.

COUNTY ROAD is any trafficway within a county trafficway system that does not fall within the interstate, other limited access, U.S. route numbered, state route numbered, or other major arterial system.

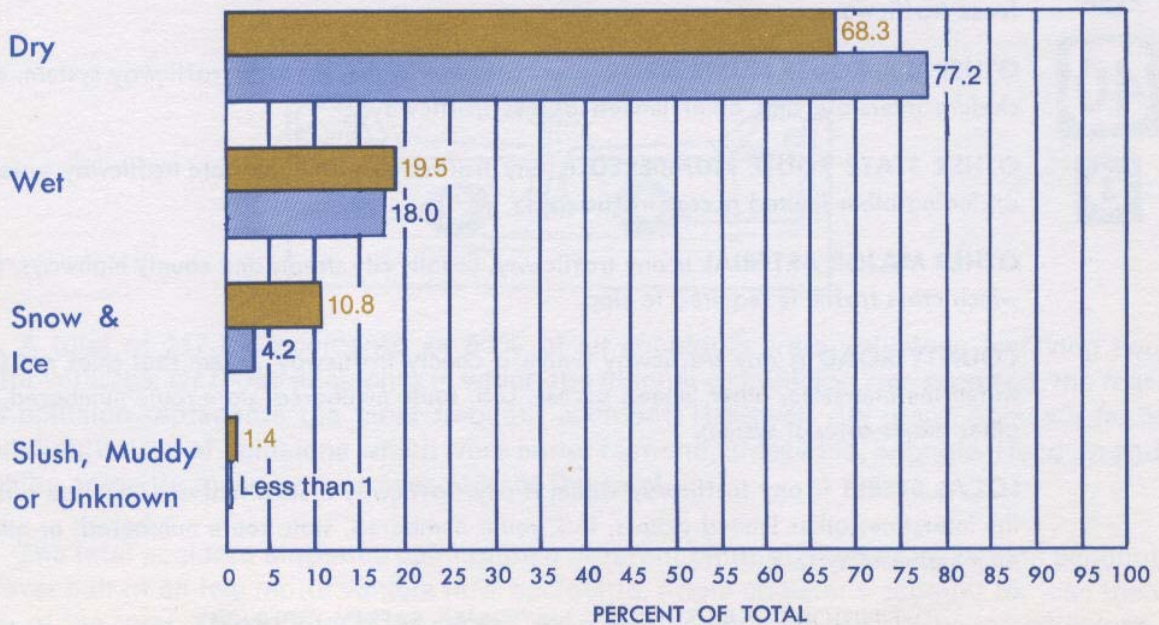
LOCAL STREET is any trafficway within a city trafficway system that does not fall within the interstate, other limited access, U.S. route numbered, state route numbered, or other major arterial system.

(DEFINITIONS PUBLISHED BY NATIONAL SAFETY COUNCIL)

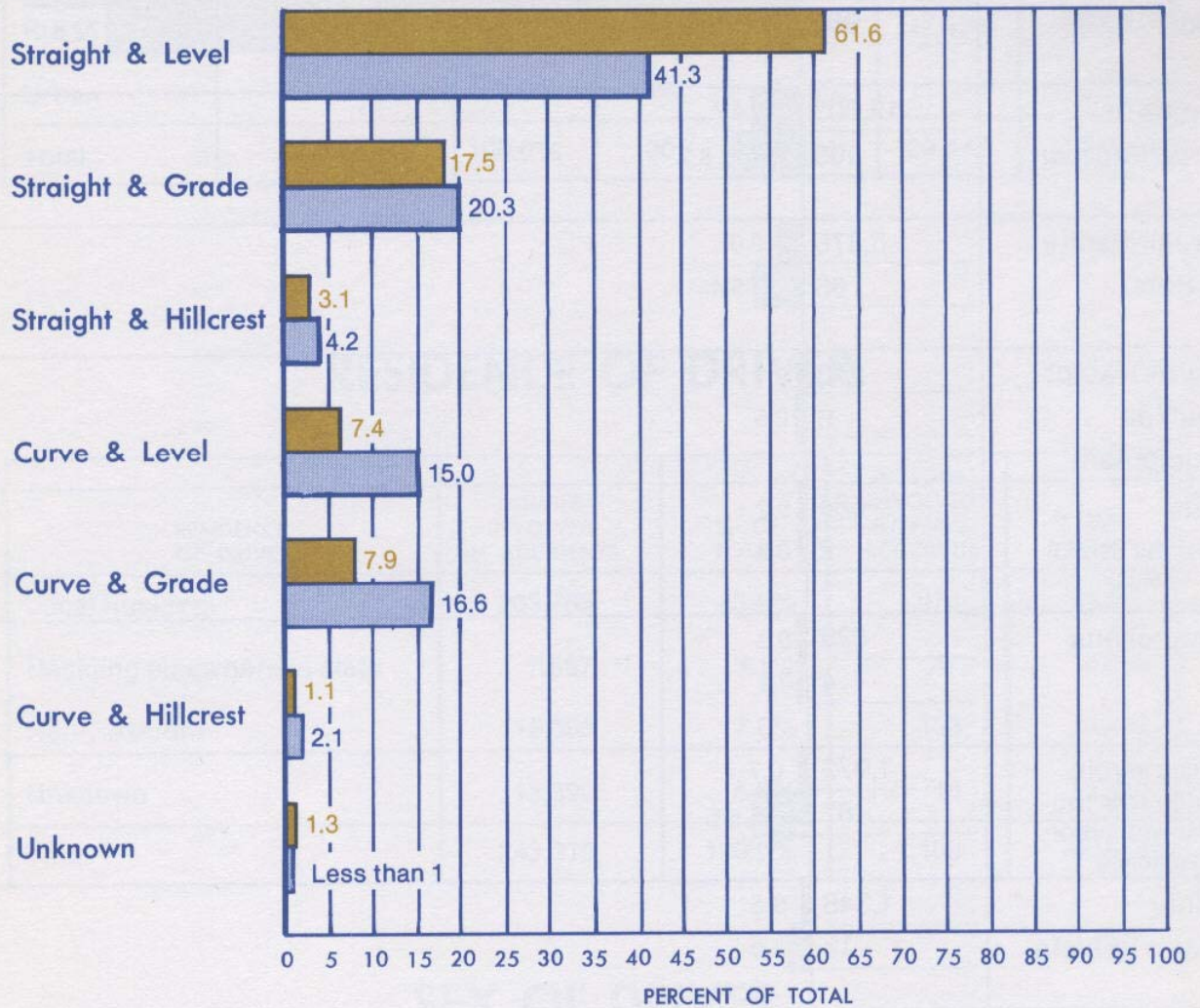
TYPE OF ROADWAY SURFACE



CONDITION OF ROADWAY



ROAD CHARACTER



■ All accidents
■ Fatal accidents



These percentages reveal the fact that a large portion of all accidents occur on straight and level roads. Curved roads seem to be a more prominent factor in fatal accidents than in the total of all accidents.

TYPE OF VEHICLE

■ All Accidents
■ Fatal Accidents

CLASSIFICATION	TOTAL ACCIDENTS	PERCENT OF TOTAL	
		All Accidents	Fatal Accidents
Passenger Car	240,436	87.8	
	951		77.8
Truck or Truck-tractor	12,803	4.7	
	100		8.2
Truck-tractor & Semi	5,376	2.0	
	66		5.4
Farm Tractor and/or Equipment	276	0.1	
	6		0.5
Bus (Except School Bus)	684	0.2	
	2		0.2
School bus	829	0.3	
	4		0.3
Motorcycle (And other two wheeled motor vehicles)	1,972	0.7	
	67		5.5
Other Motor Vehicle	1,348	0.5	
	12		1.0
Type Unknown	10,005	3.7	
	15		1.2

A total of 273,729 motor vehicles were involved in accidents in Kentucky in 1979. This figure includes 1,223 motor vehicles which were involved in fatal accidents. Note on the graph that the percentage of motorcycles and trucks involved in fatal accidents is somewhat higher than the percentage of all accidents in the same category.



LOCATIONS OF ACCIDENTS

AREA	NUMBER OF ACCIDENTS	PERCENT OF TOTAL	FATAL ACCIDENTS	PERCENT OF TOTAL	INJURY ACCIDENTS	PERCENT OF TOTAL
Rural	69,373	47.1%	653	81.5%	17,939	60.9%
Urban	77,874	52.9%	148	18.5%	11,508	39.1%
Total	147,247	100.0%	801	100.0%	29,447	100.0%

RESIDENCE OF DRIVER

RESIDENCE OF DRIVER	NUMBER INVOLVED IN ACCIDENTS	% OF TOTAL	NUMBER INVOLVED IN FATAL ACCIDENTS	% OF TOTAL
Local Resident	203,763	83.8%	974	83.4%
Residing elsewhere in state	7,567	3.1%	47	4.0%
Non-Resident	18,595	7.6%	133	11.4%
Unknown	13,390	5.5%	14	1.2%
Total	243,315	100.0%	1,168	100.0%

SEX OF DRIVER

TOTAL ACCIDENTS

SEX	# IN ACCIDENTS	% IN ACCIDENTS
Male	156,673	68.8%
Female	71,087	31.2%
Total	227,760	100.0%

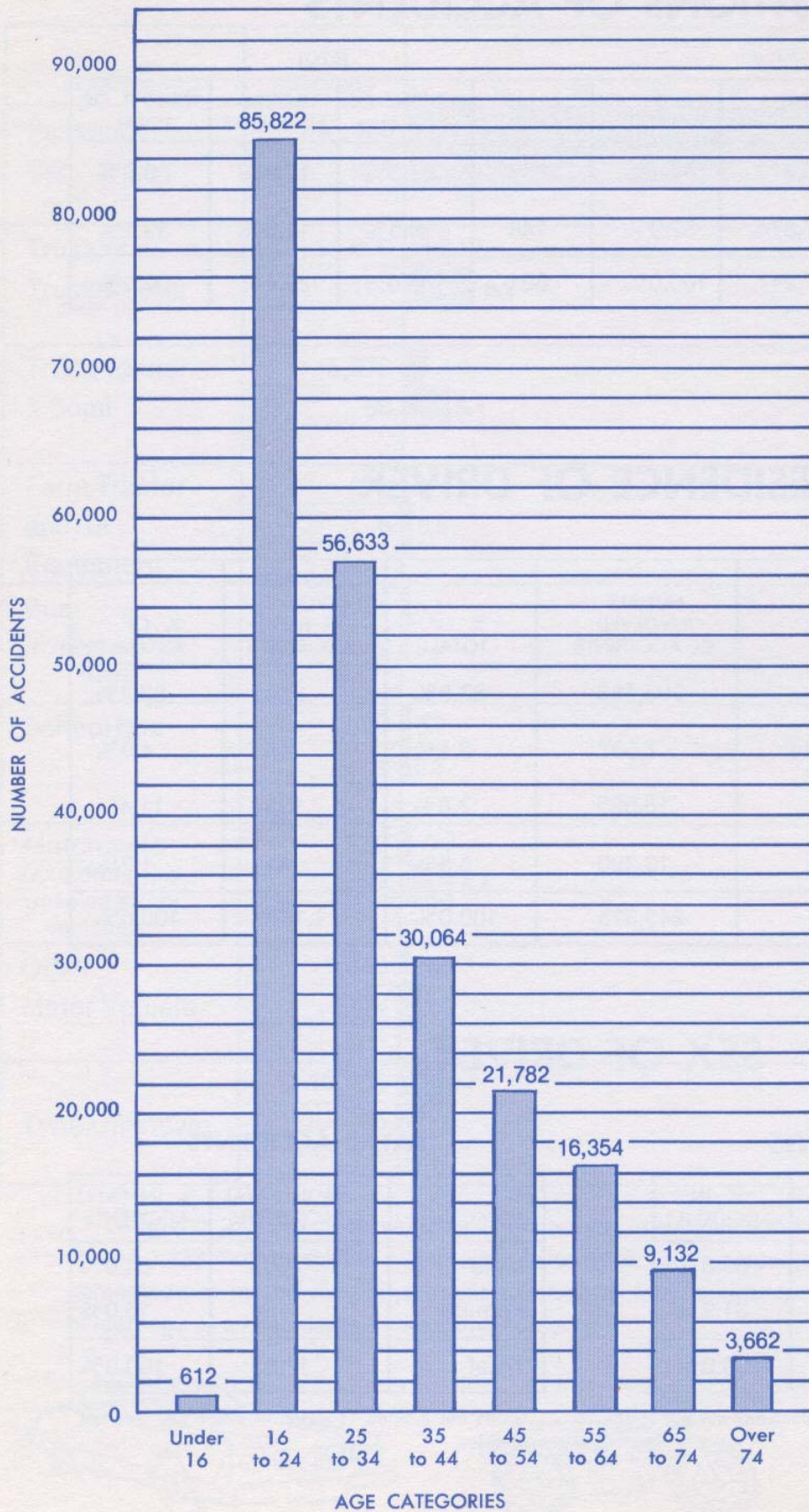
*Does not include 15,555 cases in which sex was not reported.

FATAL ACCIDENTS

SEX	# IN FATAL ACCIDENTS	% IN FATAL ACCIDENTS
Male	969	84.0%
Female	184	16.0%
Total	1,153	100.0%

*Does not include 15 cases in which sex was not reported.

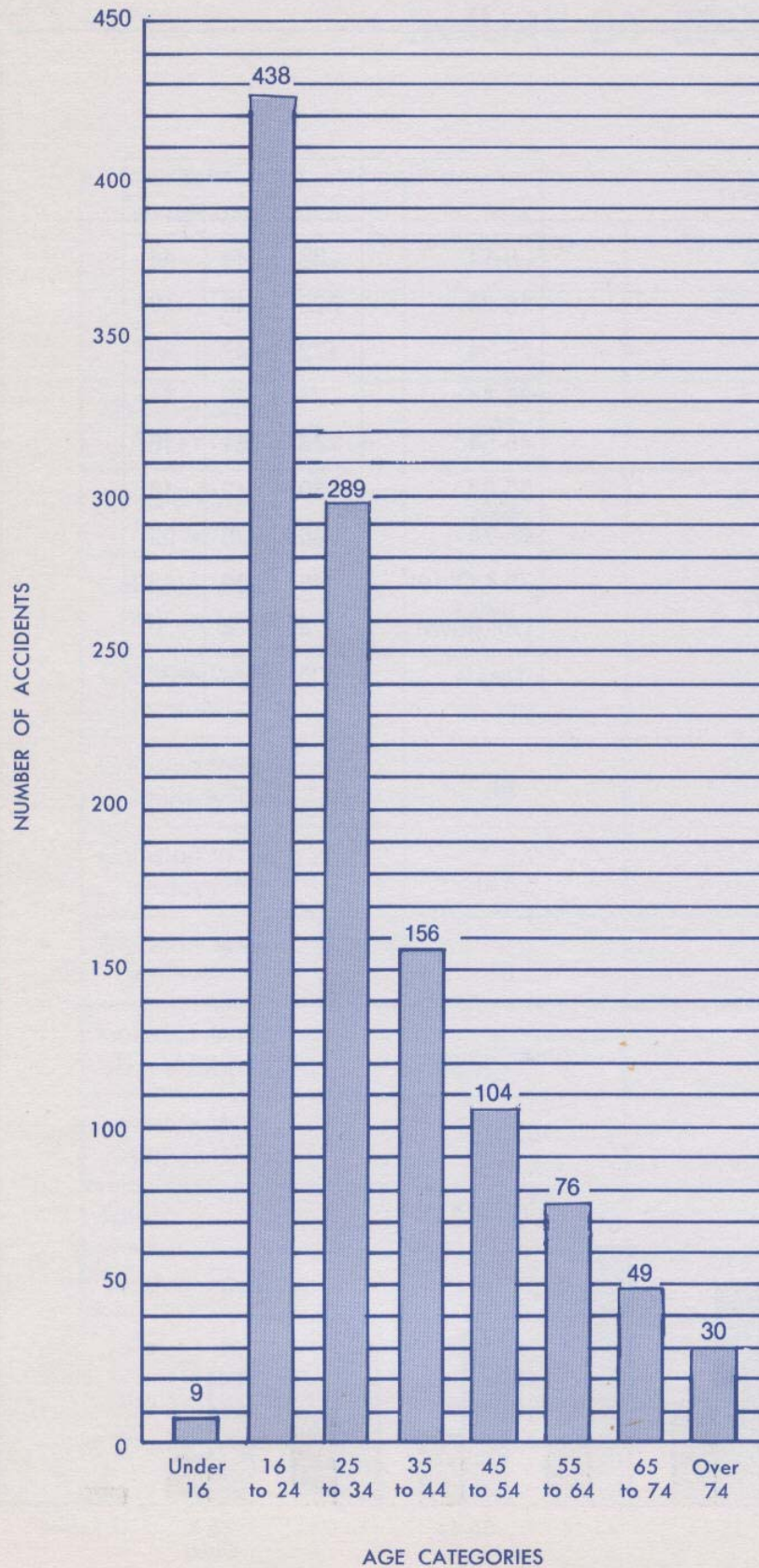
TOTAL ACCIDENTS BY AGE OF DRIVER



NOTE:

1. All age categories do not contain an equal number of years.
2. These representations include non-licensed as well as licensed drivers.
3. Graph does not include 19,254 cases in which age was not reported.

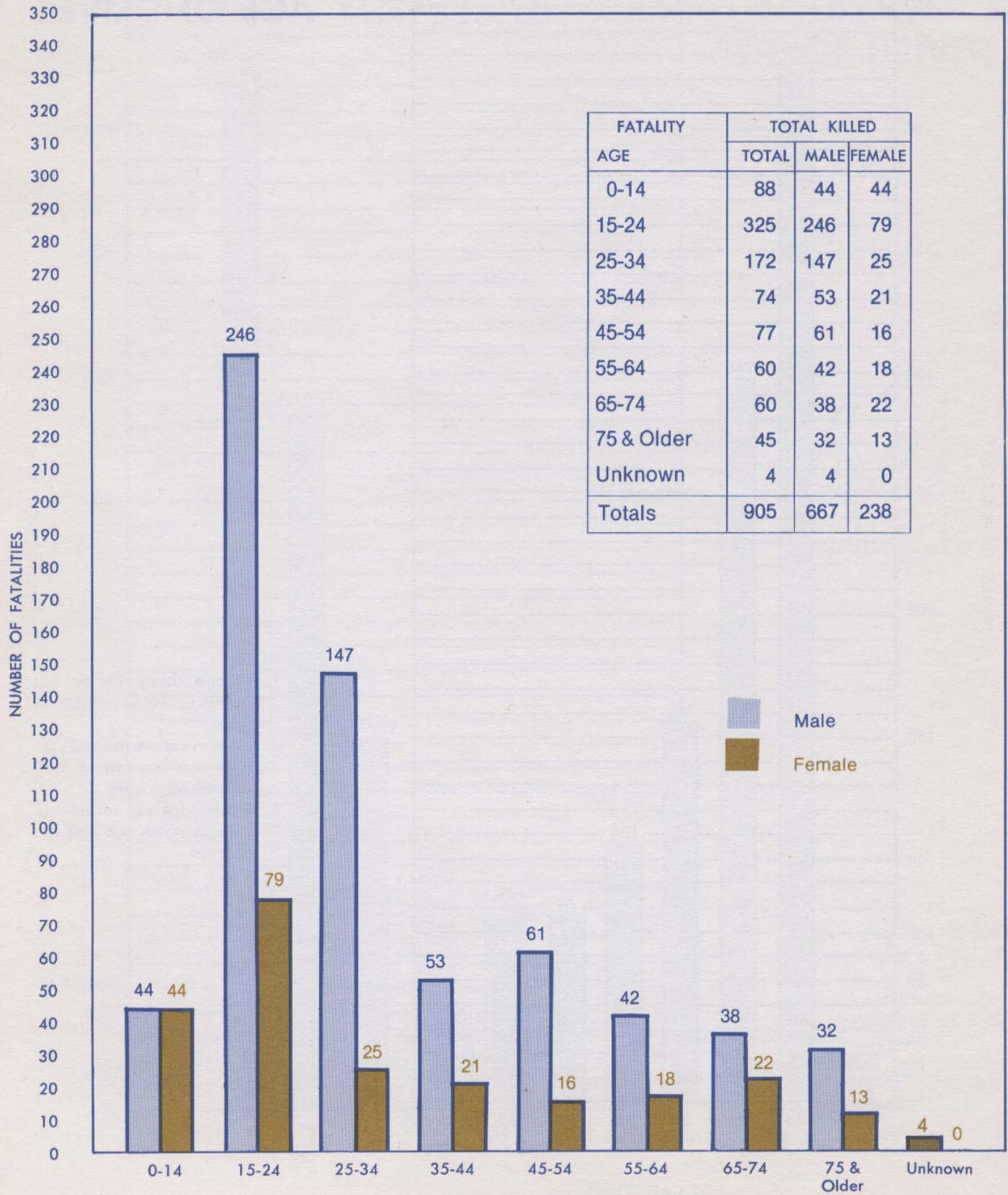
FATAL ACCIDENTS BY AGE OF DRIVER



NOTE:

1. All age categories do not contain an equal number of years.
2. These representations include non-licensed as well as licensed drivers.
3. Graph does not include 17 cases in which age was not reported.

FATALITIES BY AGE AND SEX

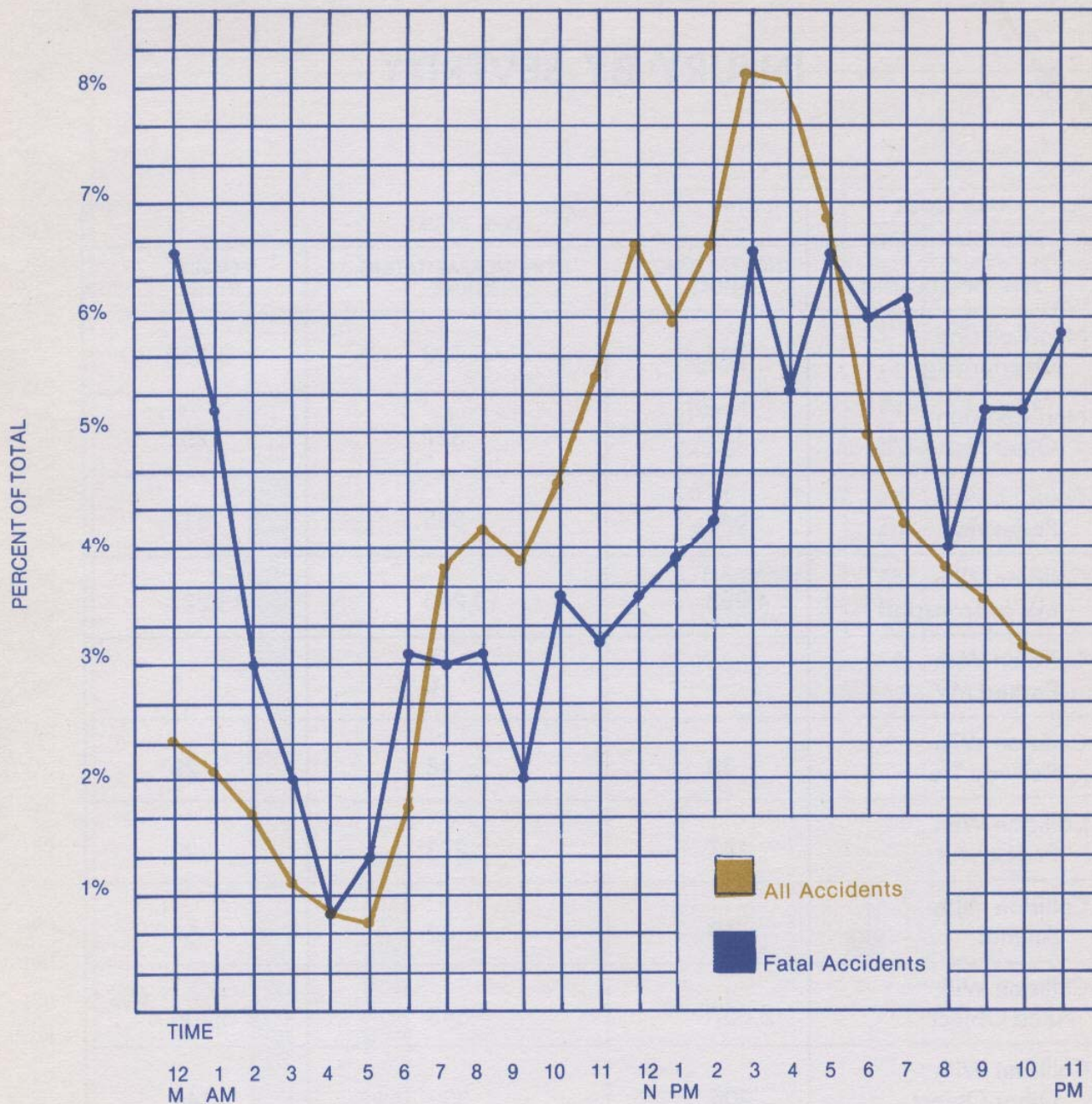


INJURY BY SEVERITY

TYPE OF ACCIDENT	TYPE INJURY		
	INCAPACITING INJURY	NON-INCAPACITATING INJURY	POSSIBLE INJURY
Non-Collision Overturning	314	522	336
Non-Collision Other Non-Collision	197	327	252
Collision With Pedestrian	646	585	517
Collision With MV In Transport	4,998	10,260	13,227
Collision With Parked MV	1	0	5
Collision With Railway Train	39	46	29
Collision With Pedacyclist	147	273	229
Collision With Animal	18	62	54
Collision With Fixed Object	2,837	4,845	3,208
Collision With Other Object	205	302	348
Total	9,402	17,222	18,205
% of all injuries	21%	38%	41%

Of the 147,247 motor vehicle accidents in Kentucky in 1979, 29, 447 or approximately 20%, were classified as non-fatal injury accidents.

HOUR OF OCCURRENCE

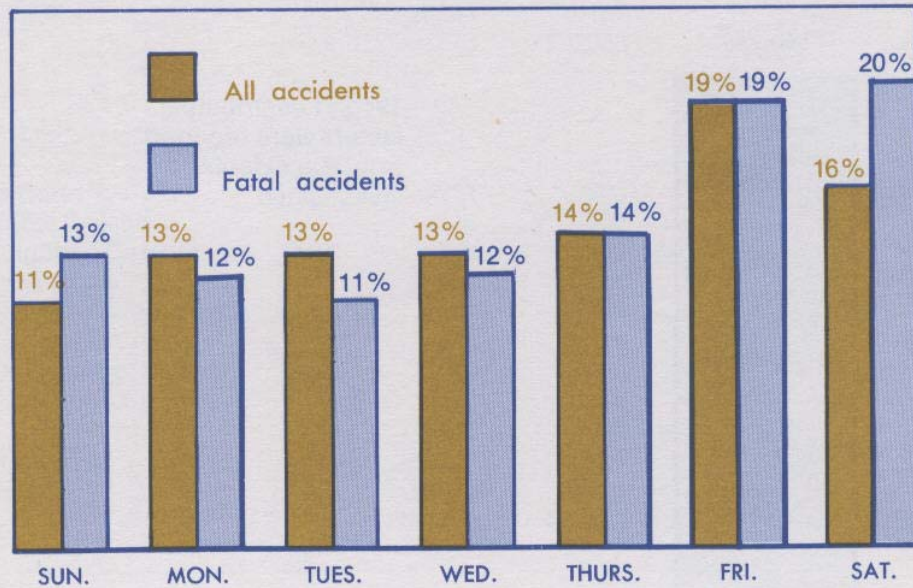


FACTS CONCERNING HOUR OF OCCURRENCE:

1. Peak hours for all accidents were between 3:00 p.m. and 5:59 p.m.
2. The hours of 3:00 p.m. through 11:59 p.m. showed the highest frequency of fatal accidents with 407 of the 801 total fatal accidents occurring during this period.
3. Hours of the day which represented the lowest frequency of accidents were between 3:00 a.m. and 5:59 a.m.
4. The period between 4:00 a.m. and 5:59 a.m. represents the lowest frequency of fatal accidents.
5. Graph does not include 2,177 accidents or 3 fatal accidents in which the time of day was not reported.

DAY OF OCCURRENCE

DAY	ALL ACCIDENTS	FATAL ACCIDENTS
Sunday	16,299	107
Monday	19,649	93
Tuesday	18,702	86
Wednesday	19,509	96
Thursday	21,049	110
Friday	28,407	152
Saturday	23,632	157



POINTS OF INTEREST:

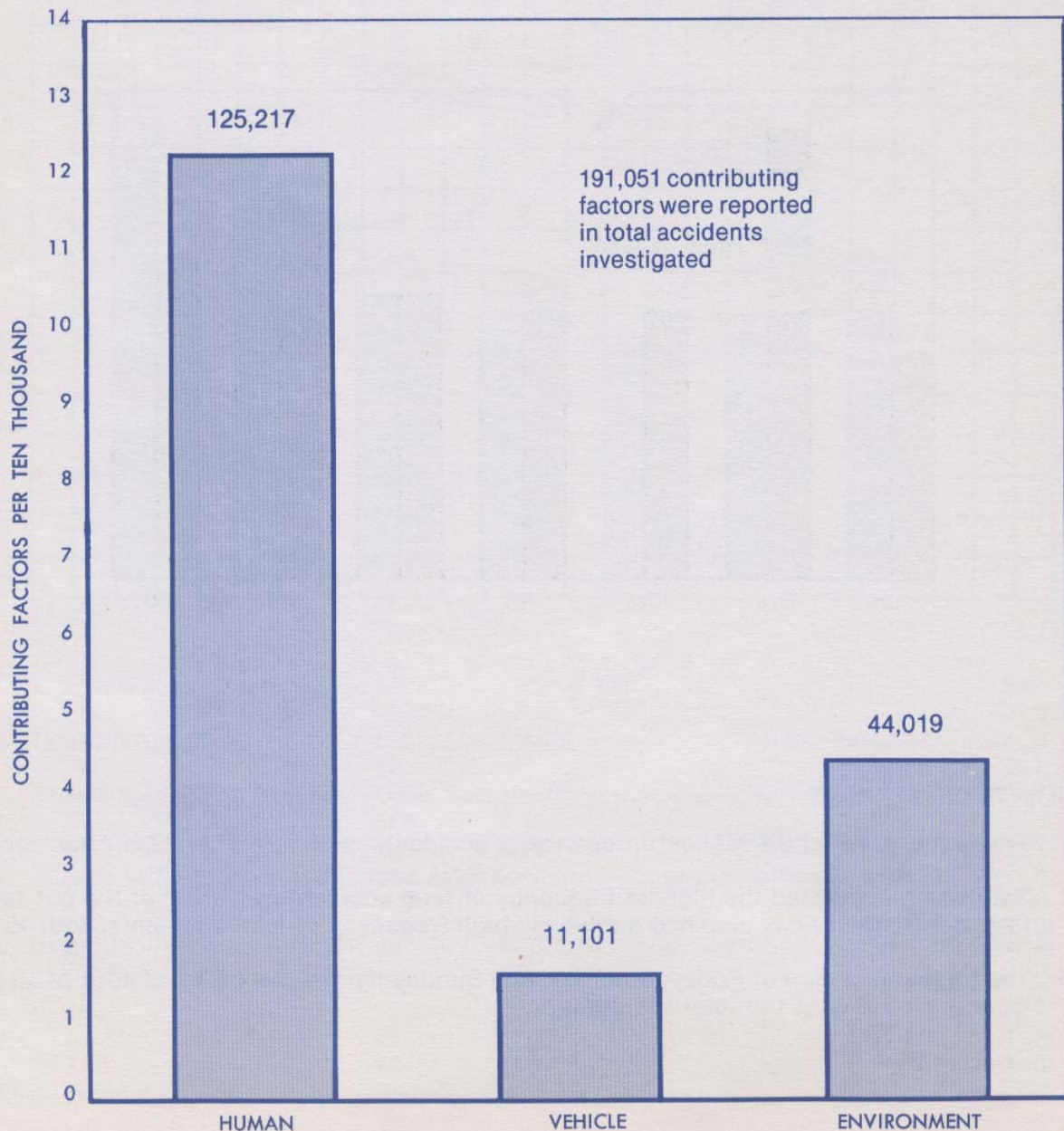
1. Friday represented the highest frequency of accidents, with a total of 28,407 accidents.
2. Saturday represented the highest frequency of fatal accidents with 157 of the 801 total fatal accidents. Friday also had a relatively high frequency of fatal accidents, with 152.
3. The three day period of Friday, Saturday, and Sunday represents a total of 46% of all accidents and 52% of the fatal accidents.

CONTRIBUTING FACTORS

The contributing factors were tabulated from a total of 147,247 police reported accidents. The accidents were investigated by more than 4,000 officers representing over 400 different agencies.

The summary will show that the total number of contributing factors do not coincide with the 147,247 accidents reported. The number of contributing factors will vary from accident to accident for various reasons: (1) investigative techniques applied, (2) evidence visibly available, and (3) number of drivers and vehicles involved in the same accident.

RELATIONSHIP OF MAJOR FACTORS TO TOTAL CONTRIBUTING FACTORS REPORTED



CONTRIBUTING FACTORS RECORDED

A. HUMAN

	ALL ACCIDENTS		FATAL ACCIDENTS		NON-FATAL INJURY ACCIDENTS	
	1978	1979	1978	1979	1978	1979
	1. Unsafe Speed	13913	13282	302	290	5109
2. Failed To Yield Right Of Way	26178	24483	123	137	5213	5038
3. Following Too Close	8044	7184	5	5	1437	1333
4. Improper Passing	2192	2112	17	23	389	369
5. Disregard Traffic Controls	3627	3326	26	26	1054	1015
6. Turning Improperly	4050	3915	4	5	426	443
7. Alcohol Involvement	9228	10270	194	203	3581	4078
8. Drug Involvement	385	454	5	2	137	158
9. Sick	180	194	5	1	41	66
10. Fell Asleep	1426	1525	21	22	645	657
11. Lost Consciousness	294	311	3	5	156	147
12. Driver Inattention	35254	35779	77	93	5129	5359
13. Distraction	2438	2480	10	7	569	588
14. Physical Disability	309	475	3	4	76	119
15. Other	20952	19427	105	107	3525	3401
16. None Detected	145859	136654	468	459	23544	23260
17. Not Stated	20244	20197	34	45	1884	1792
Totals	294573	282068	1402	1434	52915	52767

B. VEHICULAR

1. Brakes Defective	3211	3202	11	12	764	766
2. Headlights Defective	113	107	0	1	14	46
3. Other Lighting Defects	479	499	2	1	104	110
4. Steering Failure	596	647	1	2	223	241
5. Tire Failure/Inadequate	1432	1379	28	27	544	522
6. Tow Hitch Defective	172	170	1	1	24	29
7. Over Or Improper Load	209	213	3	4	38	40
8. Oversized Load On Vehicle	173	208	3	1	15	28
9. Other	4666	4676	32	29	801	848
10. None Detected	254117	242542	1080	1109	45321	45159
11. Not Stated	20934	20194	32	37	1959	1953
Totals	286102	273837	1193	1224	49834	49742

C. ENVIRONMENTAL

1. Animals Action	1438	1525	2	2	254	314
2. Glare	1139	1043	8	10	273	266
3. View Obstructed/Limited	6277	6259	24	39	1395	1448
4. Debris In Roadway	757	683	3	5	191	170
5. Improper/Non-Working Traff. Cont.	360	386	2	3	104	98
6. Shoulders Defective	801	832	11	10	283	315
7. Holes/Deep Ruts/Bumps	892	650	8	7	219	187
8. Road Under Construction/Maint.	1056	881	6	5	247	206
9. Improperly Parked Vehicle(s)	1109	1001	6	4	141	149
10. Fixed Object(s)	783	591	0	1	127	88
11. Slippery Surface	31659	25456	77	94	5400	5001
12. Water Pooling	979	949	7	6	280	276
13. Other	4280	3763	24	17	793	787
14. None Detected	216800	212216	989	996	38594	38923
15. Not Stated	18749	18403	29	32	1737	1719
Totals	287079	274638	1196	1231	50038	49947

ACCIDENTS BY MONTH

	January	February	March	April	May	June
Fatal	47	49	70	56	70	75
All	15,903	12,253	10,728	11,308	12,845	11,720

	July	August	September	October	November	December
Fatal	79	75	73	75	59	73
All	11,629	12,228	12,123	12,594	12,169	11,747

ACCIDENT SEVERITY RELATIONSHIP

MONTH	PERCENT OF TOTAL	
	ALL	FATAL
January	10.8	5.9
February	8.3	6.1
March	7.3	8.7
April	7.7	7.0
May	8.7	8.7
June	8.0	9.4
July	7.9	9.9
August	8.3	9.4
September	8.2	9.1
October	8.6	9.4
November	8.3	7.4
December	8.0	9.1

The chart at the left relates the percentage of total accidents for a given month to the percentage of total fatal accidents for that same month.

January, the month with the fewest fatal accidents, had the most total accidents. This shows that the severity of accidents in January is relatively low.

July had the most fatal accidents for any given month, but had a relatively low percentage of total accidents. This shows that the severity of accidents occurring in July is relatively high.

FATALITY CALENDAR

JANUARY						
S	M	T	W	T	F	S
	1 ★	2 3	3 ★	4 4	5 5	6 ★
7 2	8 1	9 1	10 2	11 ★	12 2	13 1
14 ★	15 2	16 1	17 5	18 1	19 8	20 4
21 2	22 ★	23 1	24 1	25 1	26 1	27 ★
28 2	29 1	30 4	31 2			

FEBRUARY						
S	M	T	W	T	F	S
				1 ★	2 1	3 3
4 2	5 2	6 ★	7 3	8 2	9 ★	10 3
11 1	12 ★	13 1	14 2	15 2	16 ★	17 4
18 ★	19 1	20 3	21 1	22 5	23 2	24 5
25 3	26 2	27 2	28 4			

MARCH						
S	M	T	W	T	F	S
				1 1	2 5	3 1
4 2	5 2	6 ★	7 2	8 4	9 2	10 ★
11 1	12 1	13 3	14 2	15 1	16 3	17 5
18 1	19 1	20 6	21 2	22 1	23 6	24 3
25 5	26 3	27 1	28 2	29 3	30 6	31 6

APRIL						
S	M	T	W	T	F	S
1 ★	2 2	3 1	4 2	5 ★	6 3	7 3
8 1	9 3	10 2	11 ★	12 2	13 3	14 1
15 2	16 1	17 3	18 2	19 2	20 4	21 4
22 2	23 ★	24 3	25 1	26 ★	27 1	28 6
29 5	30 2					

MAY						
S	M	T	W	T	F	S
		1 3	2 3	3 5	4 4	5 4
6 2	7 1	8 1	9 2	10 1	11 2	12 4
13 1	14 2	15 ★	16 3	17 1	18 6	19 7
20 ★	21 3	22 5	23 1	24 2	25 2	26 8
27 2	28 ★	29 1	30 3	31 1		

JUNE						
S	M	T	W	T	F	S
					1 5	2 3
3 1	4 2	5 1	6 5	7 4	8 2	9 2
10 2	11 4	12 1	13 1	14 1	15 5	16 4
17 4	18 4	19 2	20 1	21 3	22 2	23 1
24 1	25 3	26 1	27 6	28 1	29 3	30 ★

JULY						
S	M	T	W	T	F	S
1 2	2 5	3 4	4 2	5 4	6 10	7 ★
8 1	9 1	10 2	11 ★	12 7	13 3	14 5
15 5	16 3	17 4	18 3	19 4	20 4	21 7
22 4	23 5	24 2	25 ★	26 2	27 ★	28 2
29 ★	30 2	31 1				

AUGUST						
S	M	T	W	T	F	S
			1 3	2 4	3 3	4 5
5 ★	6 4	7 ★	8 2	9 5	10 5	11 1
12 1	13 ★	14 2	15 1	16 2	17 3	18 2
19 4	20 1	21 7	22 2	23 2	24 6	25 8
26 1	27 1	28 1	29 2	30 2	31 3	

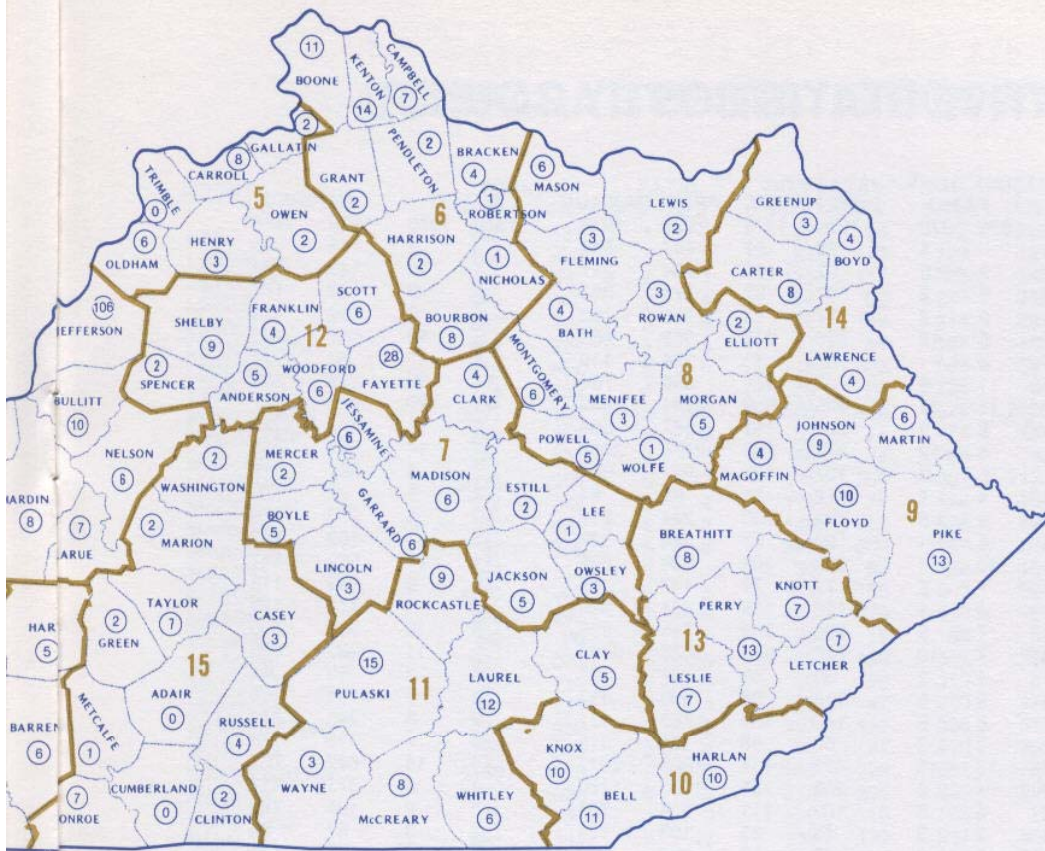
SEPTEMBER						
S	M	T	W	T	F	S
						1 2
2 5	3 6	4 1	5 4	6 3	7 1	8 5
9 1	10 ★	11 1	12 1	13 2	14 5	15 4
16 2	17 1	18 ★	19 2	20 3	21 7	22 4
23 4	24 1	25 1	26 1	27 3	28 3	29 4
30 4						

OCTOBER						
S	M	T	W	T	F	S
	1 ★	2 2	3 2	4 ★	5 2	6 5
7 3	8 4	9 1	10 ★	11 3	12 4	13 5
14 1	15 4	16 2	17 1	18 4	19 2	20 6
21 5	22 2	23 1	24 ★	25 1	26 6	27 5
28 7	29 ★	30 ★	31 5			

NOVEMBER						
S	M	T	W	T	F	S
				1 1	2 4	3 3
4 1	5 3	6 ★	7 1	8 3	9 1	10 4
11 5	12 1	13 2	14	15 1	16 3	17 3
18 1	19 3	20 4	21 2	22 3	23 ★	24 3
25 2	26 2	27 1	28 4	29 6	30 1	

DECEMBER						
S	M	T	W	T	F	S
						1 3
2 1	3 ★	4 ★	5 4	6 2	7 3	8 4
9 4	10 2	11 3	12 2	13 3	14 1	15 3
16 6	17 3	18 2	19 3	20 5	21 5	22 3
23 4	24 6	25 3	26 ★	27 4	28 2	29 3
30 3	31 1					

A ★ denotes no fatalities for that day.



**FATAL ACCIDENTS IN KENTUCKY IN 1979: 801
PEOPLE KILLED: 905**

Counties having no fatal accidents:

COUNTY	POPULATION (1970 CENSUS)
Adair	13,037
Cumberland	6,850
Trimble	5,349

Counties having the most fatal accidents:

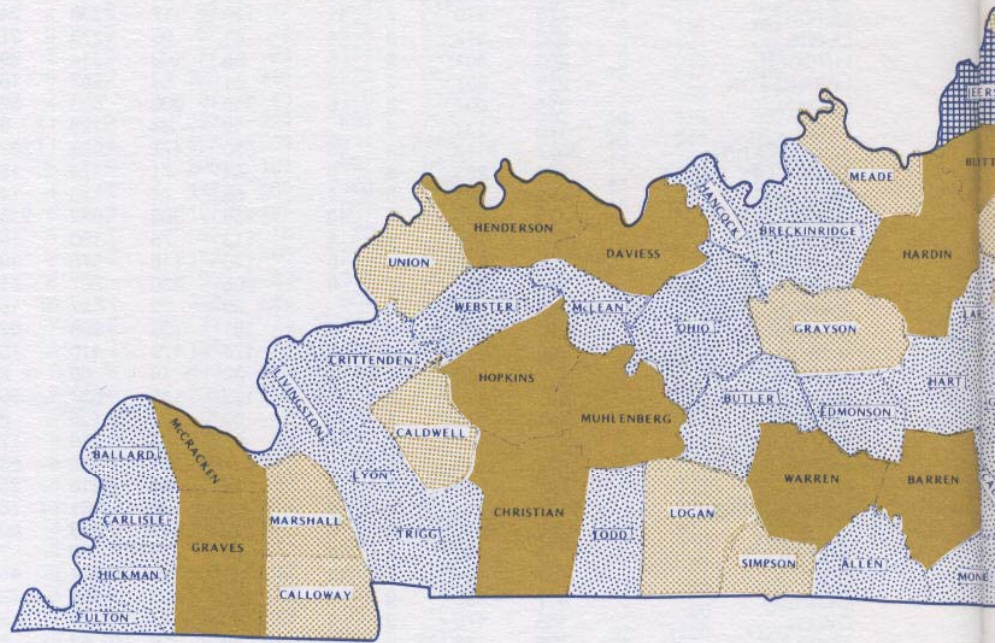
COUNTY	# FATAL ACCIDENTS	# KILLED	POPULATION
Jefferson	106	111	695,055
Fayette	28	30	174,323
Henderson	20	21	36,031
Warren	16	20	57,432
Daviess	15	20	79,486
Pulaski	15	15	35,234

COMPARATIVE STATISTICS BY COUNTY

COUNTY	TOTAL		FATAL		NON-FATAL		PROP. DAMAGE		KILLED		INJURED	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
ADAIR	366	306	-	1	79	57	287	248	-	1	119	105
ALLEN	288	292	2	8	82	67	204	217	4	11	140	104
ANDERSON	426	422	5	2	97	97	324	323	5	3	139	162
BALLARD	230	275	2	2	77	83	151	190	2	2	130	135
BARREN	1290	1295	6	12	325	316	959	967	6	13	547	499
BATH	169	162	4	-	37	43	128	119	4	-	60	77
BELL	933	937	11	9	227	224	695	704	11	10	378	359
BOONE	2847	3018	11	17	605	559	2231	2442	12	20	944	867
BOURBON	783	764	8	9	208	192	567	563	8	11	323	323
BOYD	2889	3246	4	12	477	566	2408	2668	4	14	707	843
BOYLE	1119	1104	5	3	187	197	927	904	7	5	287	299
BRACKEN	106	97	4	1	12	15	90	81	4	1	22	24
BREATHITT	364	324	8	5	132	100	224	219	10	5	230	176
BRECKINRIDGE	449	419	6	-	99	92	344	327	11	-	169	152
BULLITT	1143	1182	10	11	329	286	804	885	11	11	539	441
BUTLER	226	268	7	6	72	74	147	188	10	6	133	116
CALDWELL	535	501	6	1	125	102	404	398	8	1	174	140
CALLOWAY	985	1095	7	9	233	248	745	838	8	10	358	390
CAMPBELL	4259	4429	7	10	726	683	3526	3736	9	11	980	996
CARLISLE	120	105	4	2	35	38	81	65	4	2	52	61
CARROLL	522	539	8	6	118	96	396	437	9	6	191	154
CARTER	608	637	8	8	140	158	460	471	8	8	245	242
CASEY	223	284	3	2	56	66	164	216	3	2	113	115
CHRISTIAN	2362	2506	13	13	452	482	1897	2011	14	14	692	707
CLARK	1349	1446	4	5	252	281	1093	1160	4	5	371	417
CLAY	482	468	5	6	103	111	374	351	5	9	195	189
CLINTON	153	160	2	3	48	33	103	124	2	3	87	60
CRITTENDEN	273	235	3	2	66	70	204	163	3	2	96	106
CUMBERLAND	135	151	-	1	24	29	111	121	-	1	30	41
DAVISS	4748	5045	15	16	809	819	3924	4210	20	22	1200	1226
EDMONSON	200	209	3	3	62	72	135	134	5	3	113	116
ELLIOTT	144	109	2	1	40	24	102	84	2	1	62	38
ESTILL	333	288	2	4	66	53	265	231	3	5	98	95
FAYETTE	12602	12051	28	24	2328	2295	10246	9732	30	27	3286	3418
FLEMING	300	290	3	8	72	70	225	212	4	8	104	107
FLOYD	1263	1097	10	10	333	264	920	823	10	13	522	428
FRANKLIN	2010	2108	4	7	365	360	1641	1741	4	10	535	543
FULTON	288	291	2	-	59	50	227	241	2	-	87	76
GALLATIN	218	168	2	4	64	50	152	114	3	5	102	79
GARRARD	351	327	6	4	98	75	247	248	7	5	149	115
GRANT	569	620	2	3	193	160	374	457	2	3	312	254
GRAVES	1198	1310	5	15	283	260	910	1035	5	18	467	401
GRAYSON	687	670	6	2	160	141	521	527	8	2	255	226
GREEN	264	283	2	4	62	73	200	206	2	6	89	119
GREENUP	1015	1137	3	6	243	260	769	871	3	6	382	445
HANCOCK	141	189	1	1	31	48	109	140	1	1	45	63
HARDIN	2602	2745	8	17	605	649	1989	2079	8	20	940	1055
HARLAN	1060	1081	10	12	222	249	828	820	12	12	391	398
HARRISON	489	595	2	3	89	88	398	504	2	3	118	123
HART	405	383	5	7	110	107	290	269	6	8	187	175
HENDERSON	2381	2478	20	6	505	495	1856	1977	21	7	797	759
HENRY	327	350	3	4	83	87	241	259	3	4	129	122
HICKMAN	160	143	2	1	47	44	111	98	2	1	66	68
HOPKINS	1948	1946	8	7	430	413	1510	1526	8	7	670	626
JACKSON	192	167	5	3	43	32	144	132	7	3	63	51
JEFFERSON	36343	39738	106	88	5967	6304	30270	33346	111	94	8349	8790
JESSAMINE	884	815	6	6	157	148	721	661	7	8	244	233
JOHNSON	747	726	9	4	159	143	579	579	11	4	304	237
KENTON	7833	8163	14	12	1463	1370	6356	6781	17	14	2100	1994
KNOTT	329	292	7	8	104	83	218	201	7	9	189	187
KNOX	721	645	10	11	177	188	534	446	13	15	304	354
LARUE	332	340	7	4	78	88	247	248	8	5	126	143
LAUREL	1301	1358	12	11	276	282	1013	1065	16	11	449	469
LAWRENCE	427	408	4	2	107	100	316	306	4	2	171	163

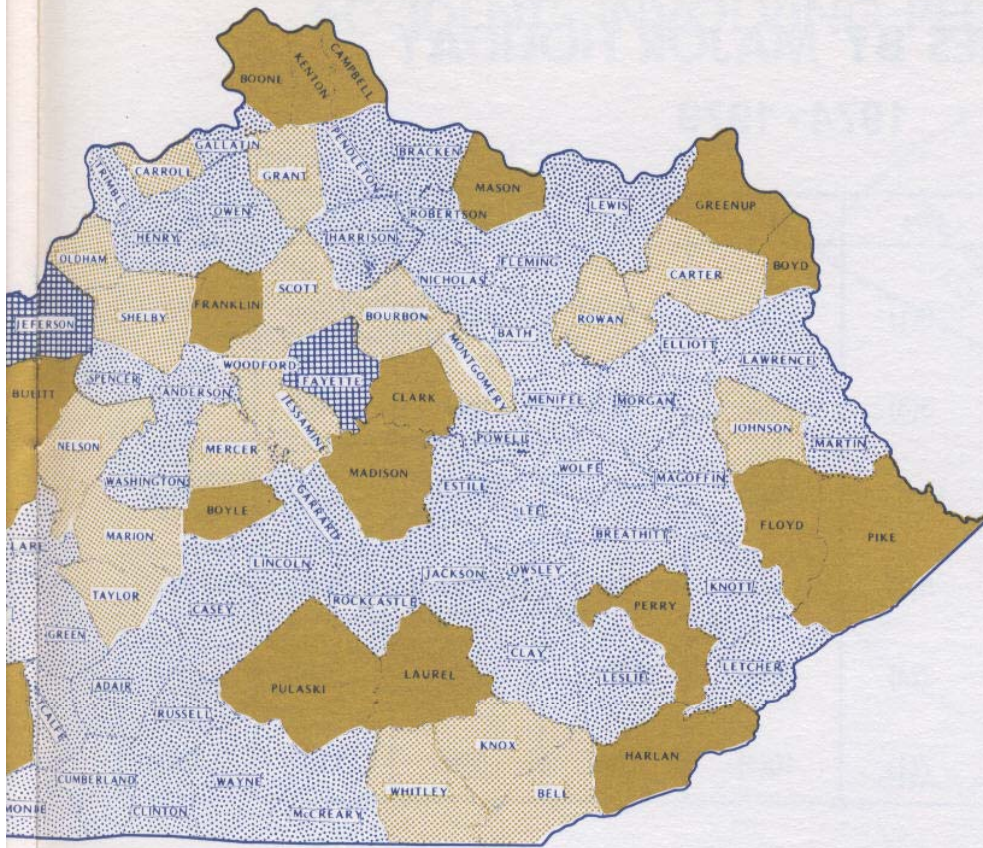
COMPARATIVE STATISTICS BY COUNTY

COUNTY	TOTAL		FATAL		NON-FATAL		PROP. DAMAGE		KILLED		INJURED	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
LEE	103	131	1	3	25	28	77	100	1	3	42	55
LESLIE	194	202	7	8	58	73	129	121	8	8	99	129
LETCHER	470	370	7	11	125	117	338	242	7	13	190	181
LEWIS	359	312	2	4	84	96	273	212	2	4	140	146
LINCOLN	402	401	3	5	85	103	314	293	3	5	148	178
LIVINGSTON	219	227	1	3	61	64	157	160	1	3	94	105
LOGAN	819	807	8	6	218	208	593	593	9	7	358	319
LYON	176	132	4	-	49	38	123	94	4	-	89	56
McCRACKEN	3097	3110	12	10	560	472	2525	2628	12	12	836	734
McCREARY	234	263	8	5	52	71	174	187	9	5	102	142
McLEAN	191	221	3	1	65	74	123	146	3	1	120	128
MADISON	2426	2509	6	13	438	366	1982	2130	8	15	631	559
MAGOFFIN	277	245	4	4	113	75	160	166	4	4	202	147
MARION	720	620	2	5	140	118	578	497	2	7	208	171
MARSHALL	797	856	5	8	205	230	587	618	5	8	343	373
MARTIN	167	212	6	-	39	53	122	159	8	-	63	83
MASON	1090	1095	6	5	181	166	903	924	6	5	290	249
MEADE	596	642	12	4	174	179	410	459	14	5	354	302
MENIFEE	102	68	3	1	30	16	69	51	3	1	44	19
MERCER	661	693	2	6	122	118	537	569	2	6	173	183
METCALF	161	113	1	3	50	29	110	81	1	3	77	63
MONROE	294	221	7	4	57	47	230	170	7	5	92	99
MONTGOMERY	679	659	6	2	137	120	536	537	7	3	202	190
MORGAN	299	349	5	4	78	87	216	258	7	4	117	142
MUHLENBERG	1138	1013	8	5	269	226	861	782	8	6	428	379
NELSON	917	1020	6	8	212	206	699	806	7	9	305	390
NICHOLAS	79	91	1	1	20	18	58	72	1	2	39	22
OHIO	481	544	5	11	139	130	337	403	5	17	215	195
OLDHAM	657	696	6	5	183	203	468	488	7	5	266	332
OWEN	165	170	2	1	46	41	117	128	2	1	71	65
OWSLEY	96	78	3	2	25	19	68	57	4	2	53	41
PENDLETON	244	287	2	2	63	65	179	220	4	3	97	105
PERRY	1248	1163	13	14	264	254	971	895	13	17	415	410
PIKE	2230	2019	13	15	621	501	1596	1503	14	15	1025	808
POWELL	241	299	5	3	70	74	166	222	6	3	114	116
PULASKI	1347	1444	15	14	276	274	1056	1156	15	17	447	463
ROBERTSON	36	25	1	-	12	7	23	18	1	-	18	14
ROCKCASTLE	391	359	9	3	85	75	297	281	16	3	153	115
ROWAN	809	814	3	4	177	149	629	661	3	4	271	221
RUSSELL	213	177	4	5	53	33	156	139	6	5	90	68
SCOTT	906	974	6	3	194	187	706	784	9	3	304	286
SHELBY	931	940	9	7	224	234	698	699	10	7	364	365
SIMPSON	515	489	6	4	116	110	393	375	7	4	204	188
SPENCER	109	159	2	4	46	57	61	98	2	4	66	97
TAYLOR	643	677	7	6	119	140	517	531	8	6	205	226
TODD	253	234	7	4	73	56	173	174	8	4	119	101
TRIGG	358	421	5	2	83	102	270	317	5	2	155	184
TRIMBLE	112	109	-	1	44	24	68	84	-	1	70	37
UNION	612	653	5	7	157	148	450	498	5	7	229	213
WARREN	4509	4433	16	25	828	784	3665	3624	20	36	1302	1216
WASHINGTON	299	283	2	2	57	51	240	230	2	2	90	77
WAYNE	418	441	3	2	74	81	341	358	4	2	138	126
WEBSTER	472	516	6	4	101	123	365	389	6	4	153	206
WHITLEY	916	1227	6	10	168	232	742	985	6	10	279	391
WOLFE	170	160	1	9	47	39	122	112	1	13	62	93
WOODFORD	753	698	6	3	142	119	605	576	7	3	212	181
TOTALS	147247	152303	801	785	29447	29019	116999	122499	905	893	44829	44480



TOTAL ACCIDENTS BY COUNTY

- ⊞ Less than 500
- ⊞ 500-1,000
- 1,001-10,000
- ⊞ Over 10,000



TOTAL NUMBER ACCIDENTS IN KENTUCKY IN 1979: 147,247

Counties having the most accidents in 1979:

COUNTY	# ACCIDENTS	POPULATION (1970 CENSUS)
Jefferson	36,343	695,055
Fayette	12,602	174,323
Kenton	7,833	129,440
Daviess	4,748	79,486
Warren	4,509	57,432
Campbell	4,259	88,561

Counties having less than 100 accidents in 1979:

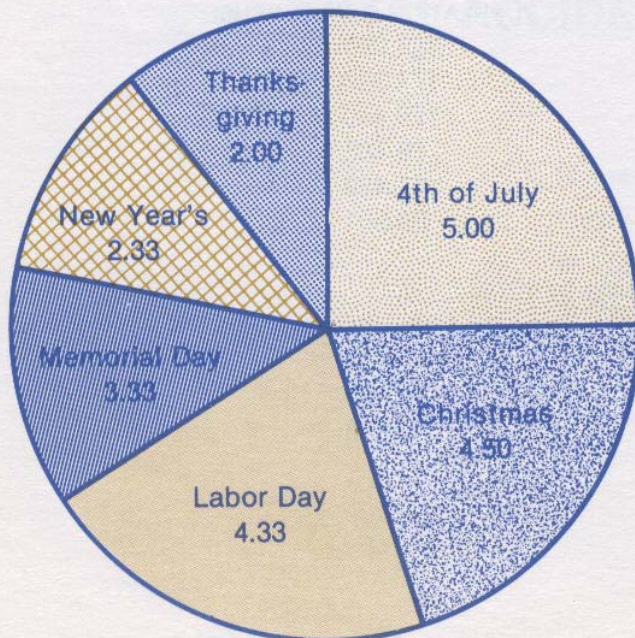
COUNTY	# ACCIDENTS	POPULATION (1970 CENSUS)
Robertson	36	2,163
Nicholas	79	6,508
Owsley	96	5,023

FATALITIES BY MAJOR HOLIDAY 1974 - 1979

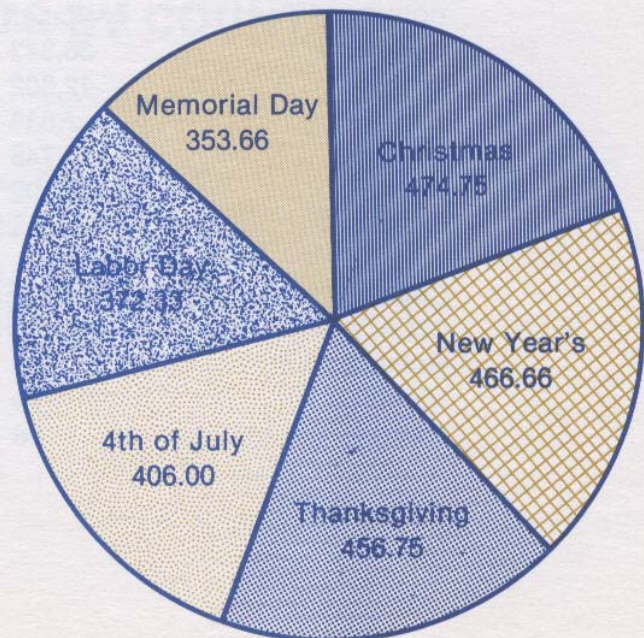
HOLIDAY	1974	1975	1976	1977	1978	1979
NEW YEAR'S total deaths	3(1)	10(4)	9(4)	20(3)	7(3)	7(3)
MEMORIAL DAY total deaths	3(3)	13(3)	9(3)	9(3)	14(3)	10(3)
FOURTH OF JULY total deaths	11(4)	19(3)	18(3)	18(3)	17(4)	5(1)
LABOR DAY total deaths	5(3)	4(3)	6(4)	10(3)	10(3)	13(3)
THANKSGIVING total deaths	7(4)	8(4)	11(4)	17(4)	15(4)	8(4)
CHRISTMAS total deaths	7(1)	10(4)	7(3)	6(3)	11(3)	18(4)

Figures in parenthesis show number of full days in each holiday period. Deaths are for these days plus the last six hours of the preceding day.

DEATHS PER DAY



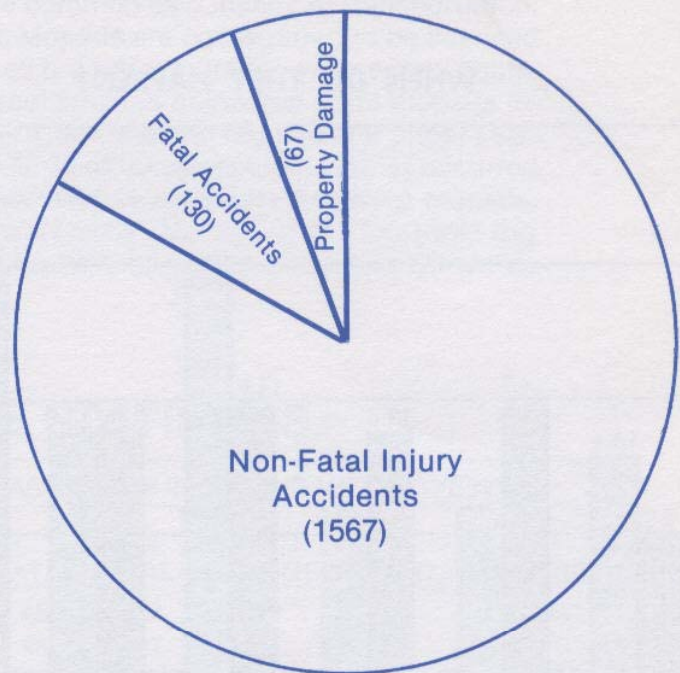
ACCIDENTS PER DAY



ACCIDENTS INVOLVING PEDESTRIANS

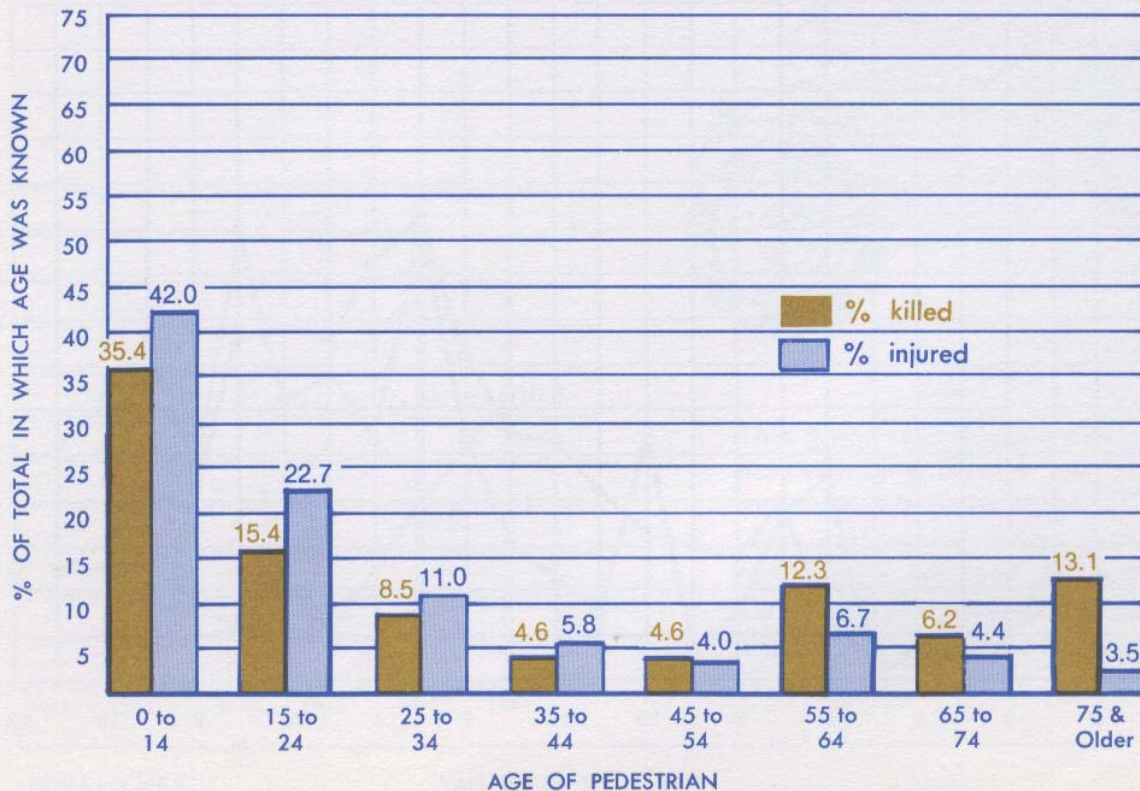
In 1979 there were 1764 accidents involving pedestrians. Of those, 130 (7.4%) were fatal accidents, killing 137 people. An additional 1748 people were injured in accidents involving pedestrians.

* A property damage accident which involves a pedestrian is one which results in property damage but the pedestrian is unharmed. Example: A car swerves off the road and hits a pedestrian (pedestrian is unharmed). The vehicle continues, and collides with a telephone pole.



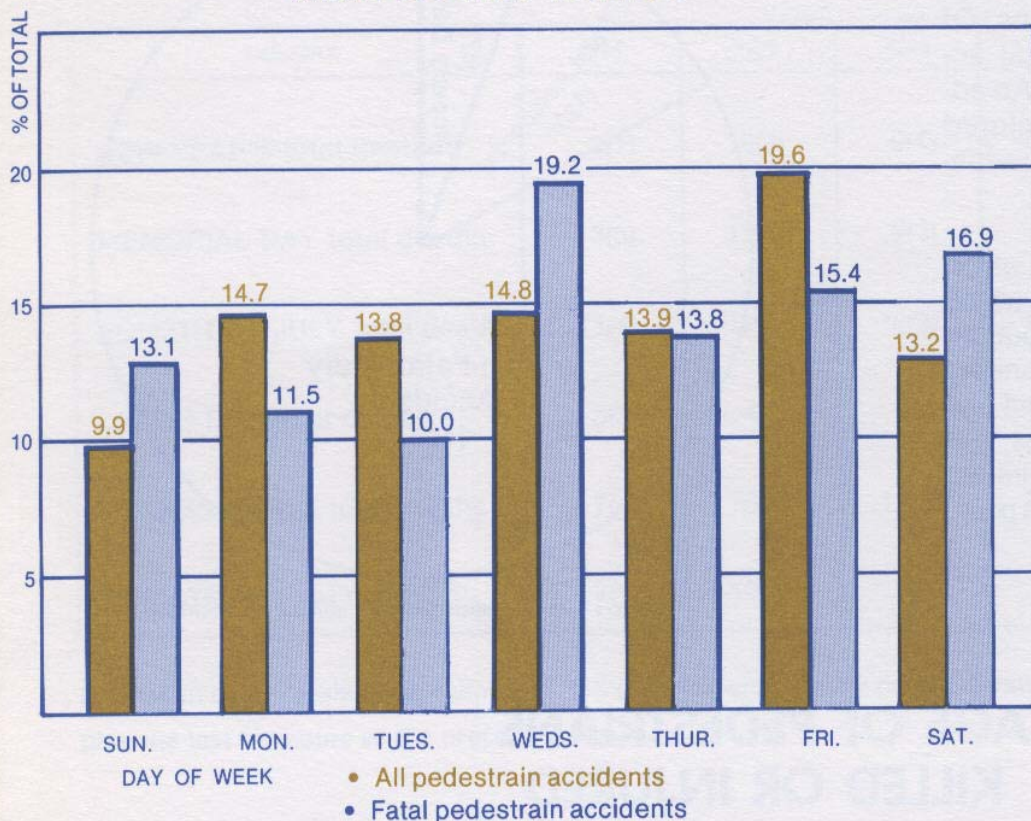
Numbers in parenthesis indicate number of accidents.

AGE OF PEDESTRIANS KILLED OR INJURED



ACCIDENTS INVOLVING PEDESTRIANS

WHEN DO THEY HAPPEN?



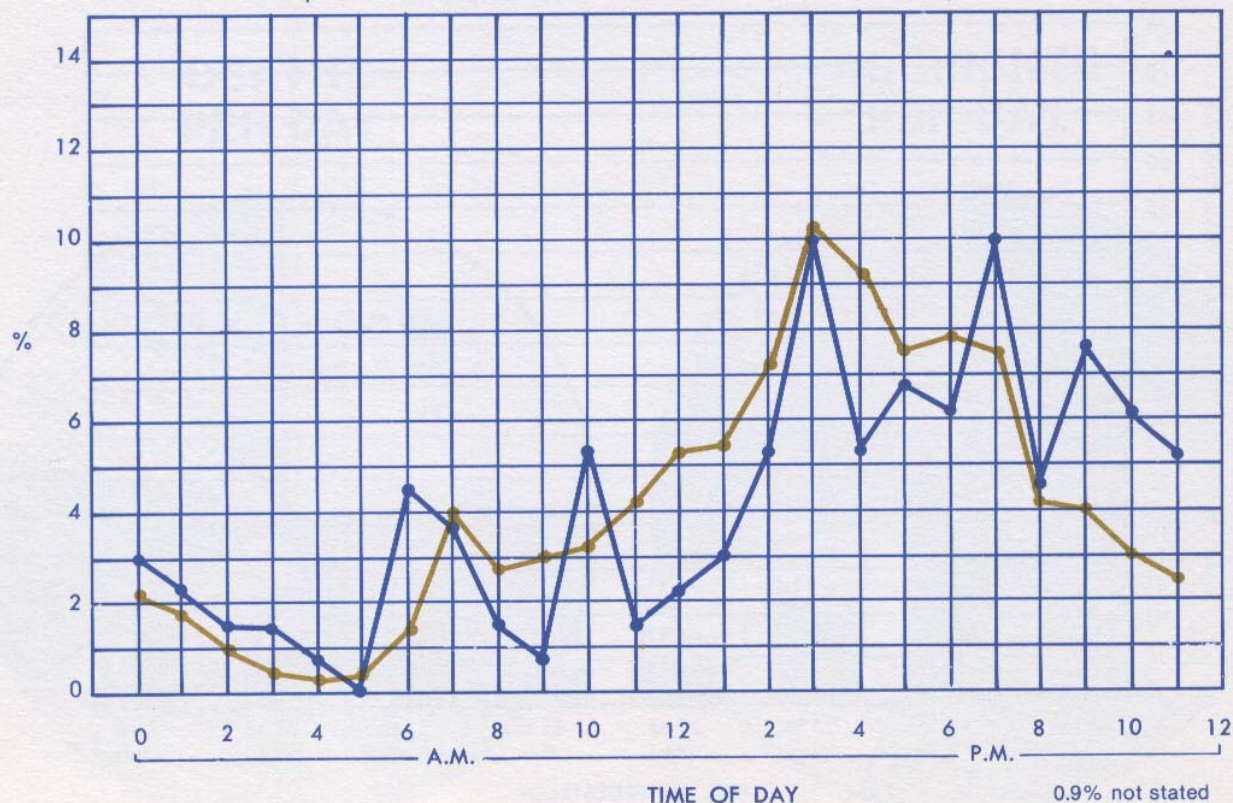
1. In 1979 more accidents involving pedestrians occurred on Fridays than any other day.

2. More fatal accidents (19.2%) occurred on Wednesday than any other day.

3. There were fewer total accidents on Sundays, and fewer fatal accidents on Tuesdays.

4. The highest number of total accidents involving pedestrians occurred between 2 p.m. and 5 p.m.

5. The peak time for fatal pedestrian accidents was between 2 p.m. and 4 p.m., and between 6 p.m. and 10 p.m.

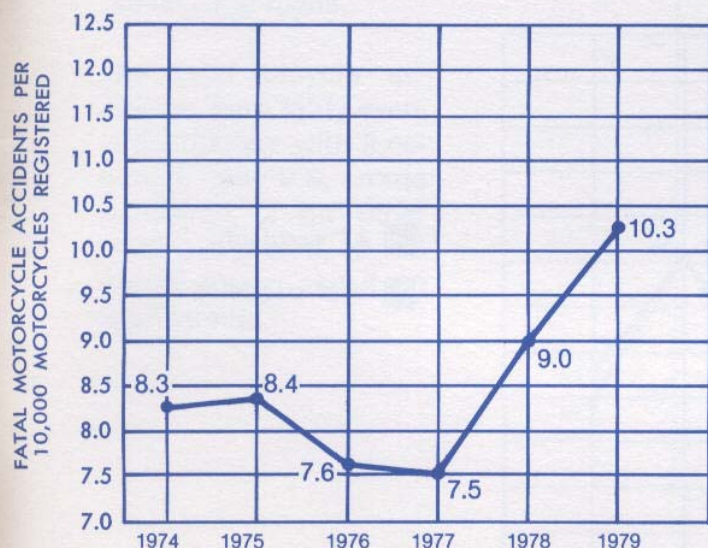
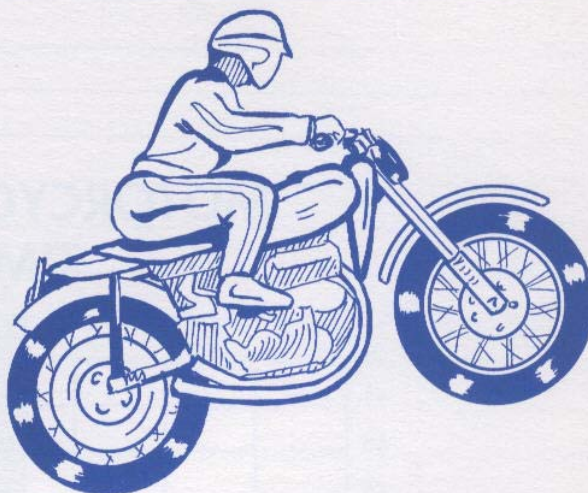


MOPED STATISTICS

Mopeds, or motorized bicycles, are becoming more common as a means of transportation. Kentucky law classifies mopeds as motor vehicles. Mopeds are not required to be licensed or be insured. The operator is required to be licensed but not required to wear safety equipment. In 1979, there were 69 mopeds involved in accidents as compared to 19 mopeds involved in 1978. This represents an increase of 263%. There were no fatalities for either year. 63 persons were injured in 1979, an increase of 294%. 39 of these accidents (57%) occurred on local streets. 116 drivers were involved in motor vehicle accidents involving mopeds. 95% of the drivers were local residents and 32% were under the age of 20. The three day period of Friday, Saturday, and Sunday accounted for 52% of the motor vehicle accidents involving mopeds.

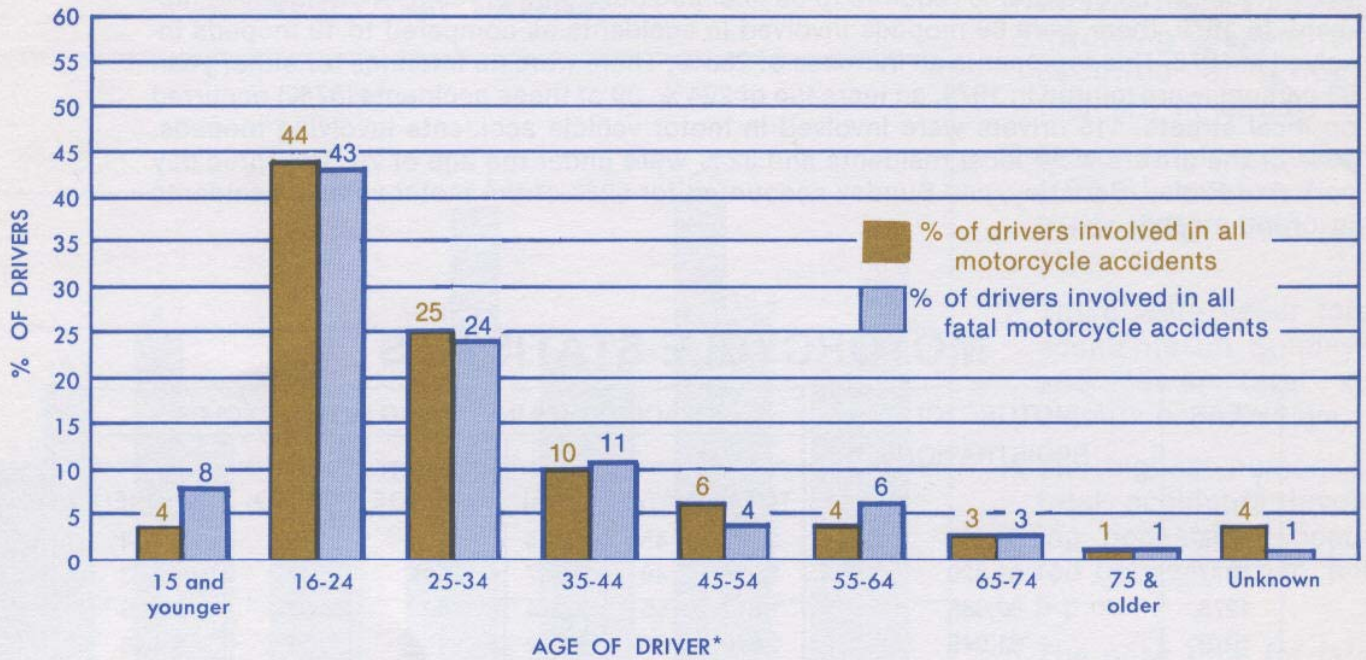
MOTORCYCLE STATISTICS

YEAR	MOTORCYCLE REGISTRATIONS	ACCIDENTS INVOLVING MOTORCYCLES					
		TOTAL	FATAL	NON-FATAL	PROPERTY DAMAGE	KILLED	INJURED
1976	59,167	1,868	45	1,314	509	49	1,614
1977	61,329	1,838	46	1,347	445	47	1,663
1978	60,985	1,812	55	1,324	433	57	1,709
1979	61,949	1,846	64	1,322	460	65	1,648



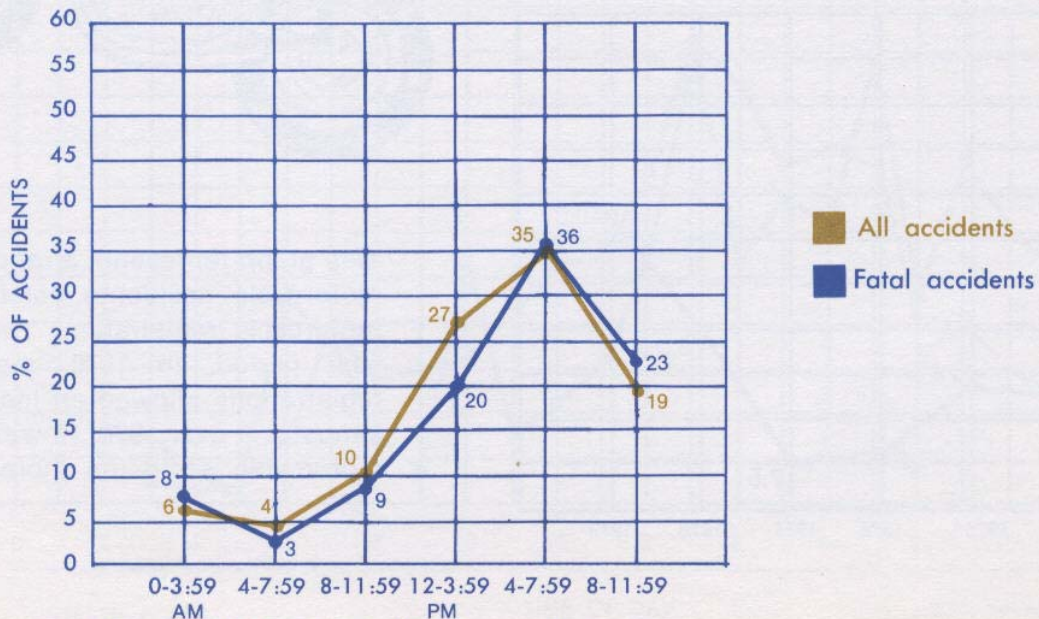
This graph represents a ratio of fatal motorcycle accidents compared to motorcycle registrations over a six year period. In 1979, motorcycle registrations showed an increase of almost 2% over 1978. However, fatal motorcycle accidents increased by 16%.

MOTORCYCLE ACCIDENTS BY AGE OF DRIVER



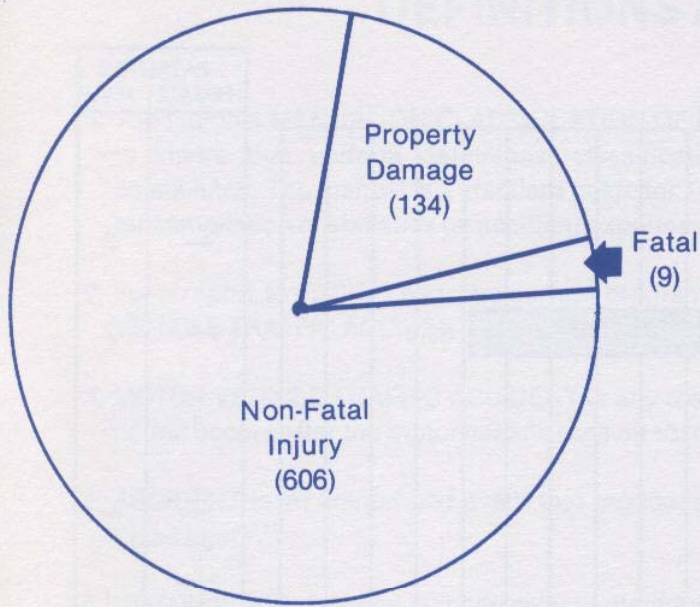
*Note that all age groups do not consist of an equal number of years.

MOTORCYCLE ACCIDENTS BY TIME OF DAY

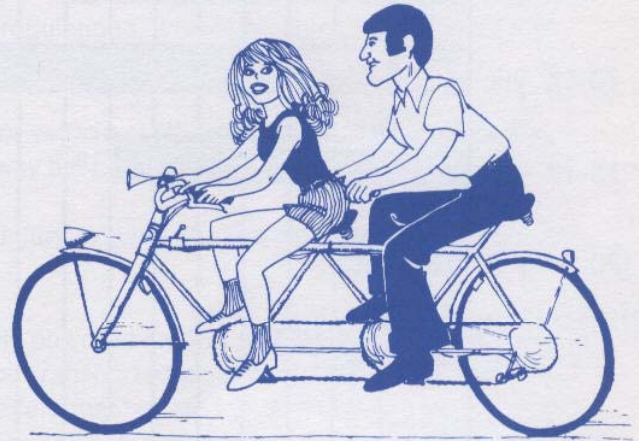


Graph does not include 1% of all motorcycle accidents where the time of day was not known.

ACCIDENTS INVOLVING BICYCLISTS

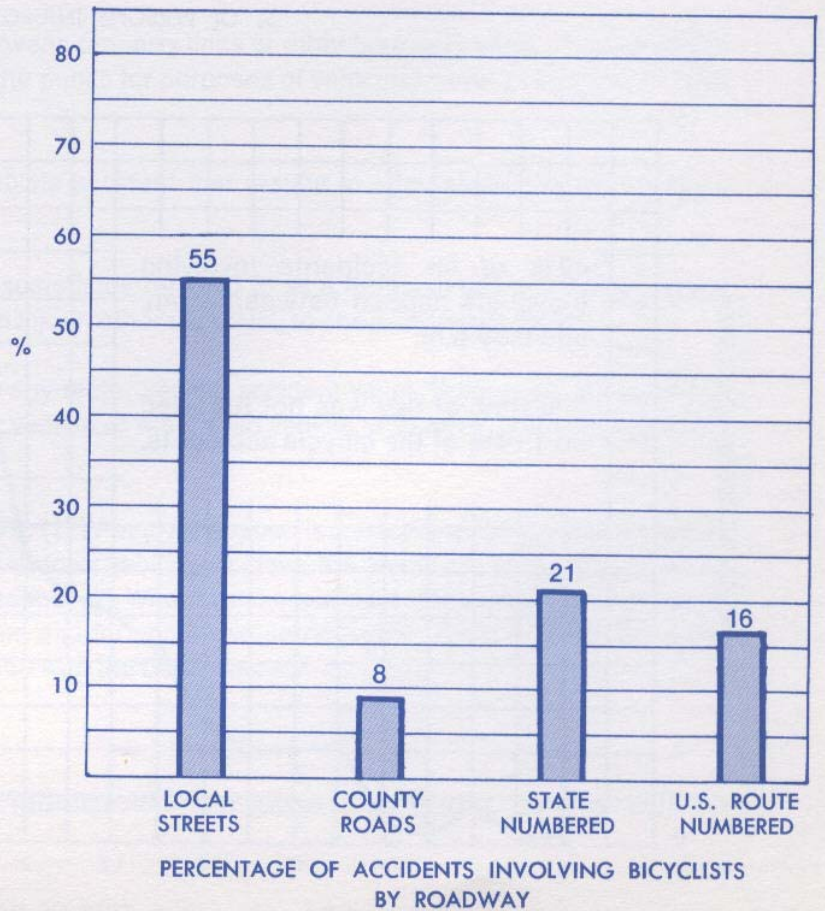


In 1979 there were 749 accidents involving bicyclists. Of these, 9 were fatal and 606 involved injury.



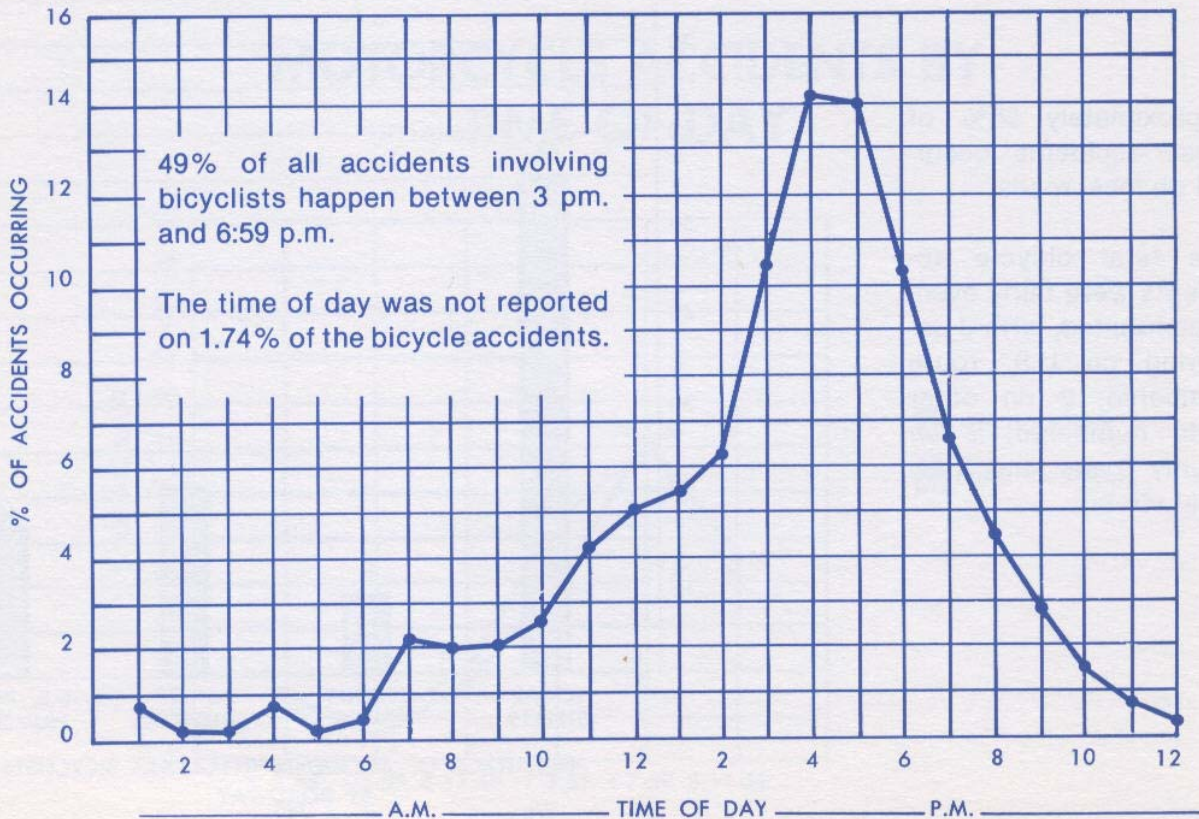
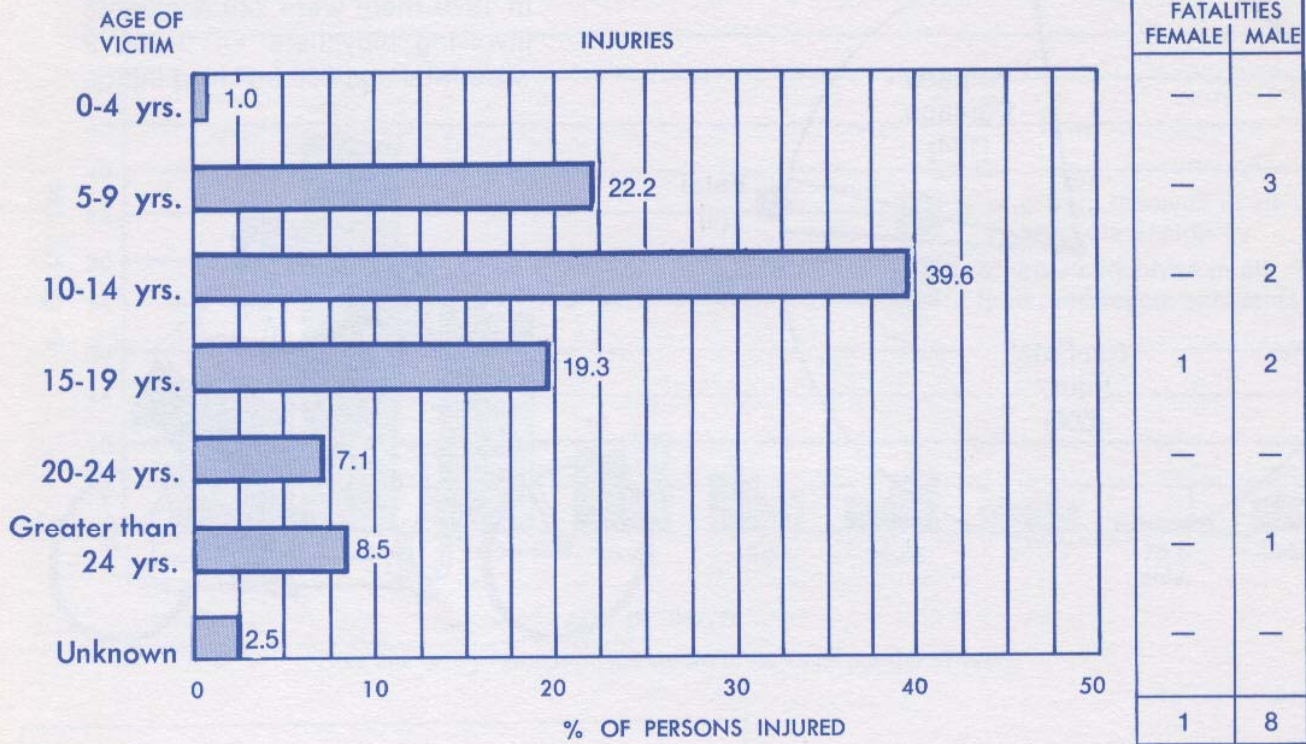
Approximately 55% of these accidents occurred on local roads.

The fatal bicycle accidents were fairly evenly distributed, with 3 occurring on U.S. route numbered, 2 on other state numbered, 2 on county roads, and 2 on local streets.



ACCIDENTS INVOLVING BICYCLISTS

Over 62% of all motor vehicle injuries and 55% of the fatalities involving bicyclists occur in the age group between 0-14 years old.



DEFINITIONS AND TERMS

1. The national MANUAL ON CLASSIFICATION OF MOTOR VEHICLE TRAFFIC ACCIDENTS is used to insure that uniform definitions, classifications, and other federal requirements are in compliance. The manual is a standard guide for Traffic Records to use in the classification of data for compilation of statistics on accident experience.
2. For a report to qualify under the current program regulations, it must be classified as a MOTOR VEHICLE TRAFFIC ACCIDENT.
3. MOTOR VEHICLE TRAFFIC ACCIDENT is any motor vehicle accident that occurs on a trafficway or that occurs after the motor vehicle runs off roadway but before events are stabilized.
4. ACCIDENT is an unintended event that produces injury or damage. The word "injury" includes "fatal injury."
5. MOTOR VEHICLE is any mechanically or electrically powered device, not operated on rails upon which or by which any person or property may be transported or drawn upon a highway. For purposes of classification, any object such as a trailer, coaster, sled or wagon being towed by a motor vehicle is considered a part of the motor vehicle, including such devices when detached while in motion, or set in motion by a motor vehicle, such as during pushing.
6. TRAFFICWAY is 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 a matter of right or custom.
7. FATAL ACCIDENT is any motor vehicle accident that results in fatal injuries to one or more persons.
8. NONFATAL INJURY ACCIDENT or sometimes referred to as a Personal Injury Accident is any motor vehicle accident that results in injury, other than fatal, to one or more persons.
9. PROPERTY DAMAGE ACCIDENT is any motor vehicle accident which there is no injury to any person, but only damage to a motor vehicle or other road vehicle or to other property, including injury to domestic animals.
10. LEGAL REPORTING REQUIREMENTS: (1) Whenever anyone is injured and/or the motor vehicle involved is inoperable as a result of a motor vehicle accident, the police are to be notified so an investigation can be made at the scene. (2) Whenever an accident does property damage of \$200.00 or more, or injury is involved and for some reason no police report is made, then the driver is required to file a written report with the Department.

NOTE: PERCENTAGE TOTALS IN THIS REPORT MAY NOT ALWAYS BE EQUAL TO 100% DUE TO ROUNDING OF FIGURES.



Prepared by
Traffic Records Unit
BUREAU OF STATE POLICE