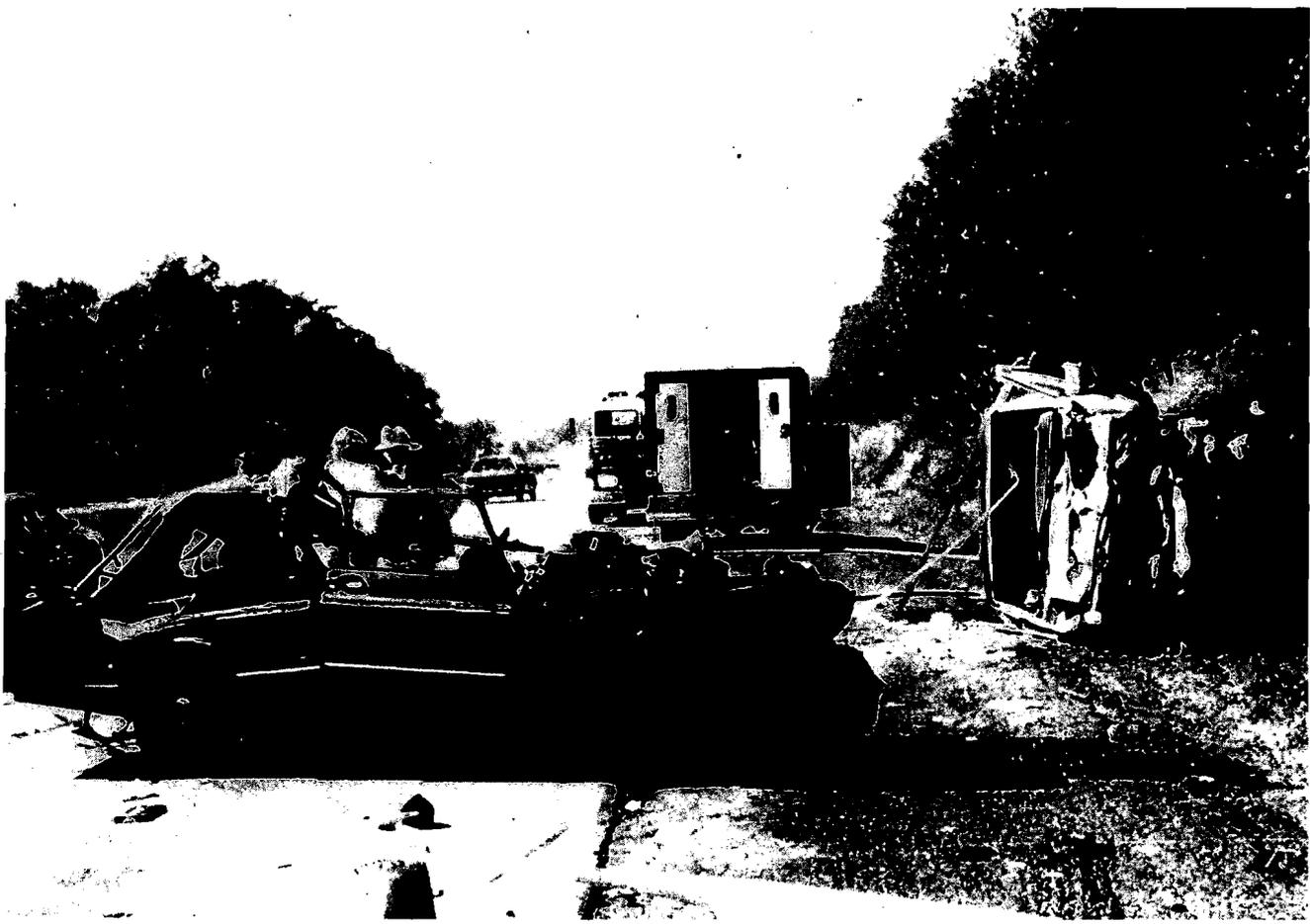


Traffic Accident Facts & Statistics



**CENTER FOR HIGHWAY SAFETY
PENNSYLVANIA DEPARTMENT OF TRANSPORTATION 1990**

1990

INTRODUCTION

The **1990 TRAFFIC ACCIDENT FACTS AND STATISTICS** is a report published by the Center for Highway Safety of the Pennsylvania Department of Transportation.

This publication is a statistical review of motor vehicle traffic accidents in the Commonwealth of Pennsylvania for the calendar year 1990. The figures are compiled from the traffic accident reports that are submitted to the Pennsylvania Department of Transportation by state, county, municipal and other law enforcement agencies.

Specific questions regarding data presented in this report should be addressed to:

Pennsylvania Department of Transportation
Center for Highway Safety
203 Transportation and Safety Building
Harrisburg, Pennsylvania 17120-0015
(717) 787-7350

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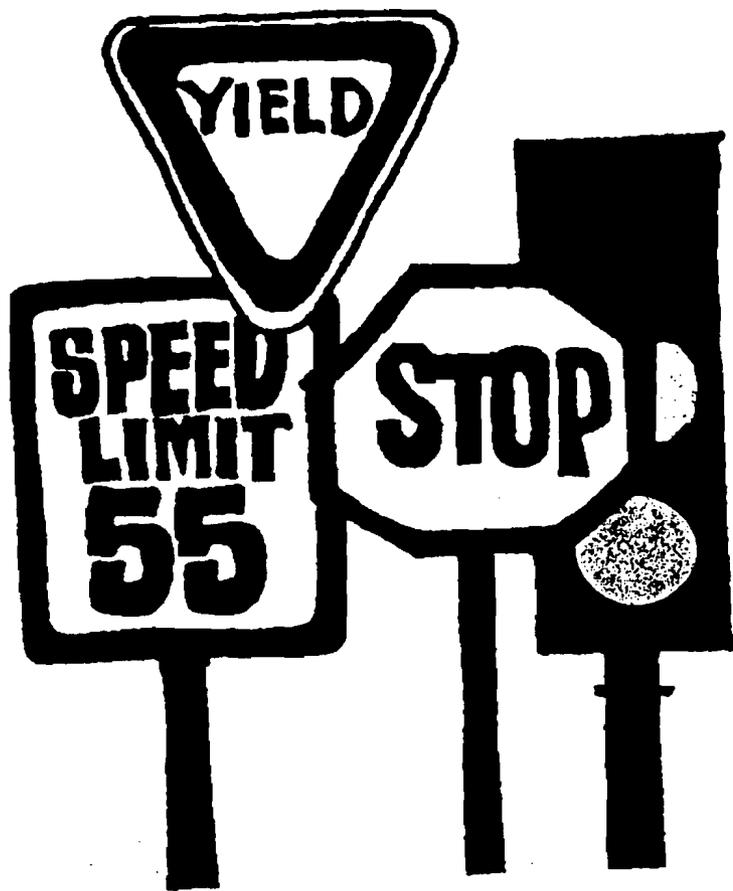
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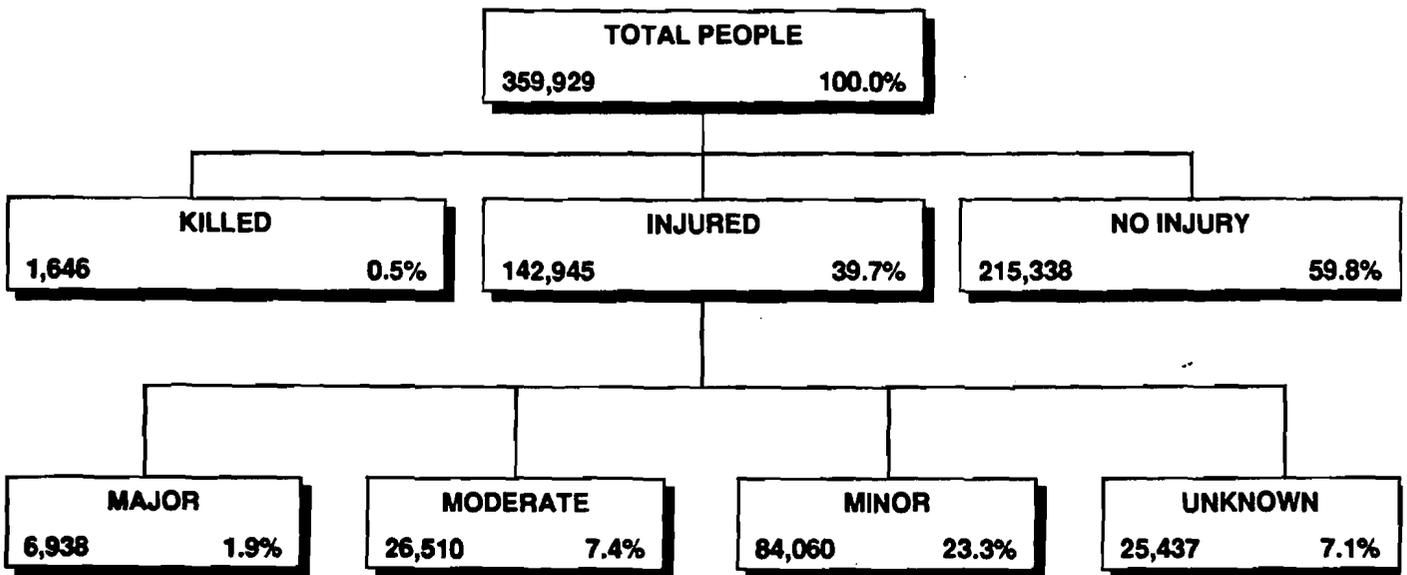
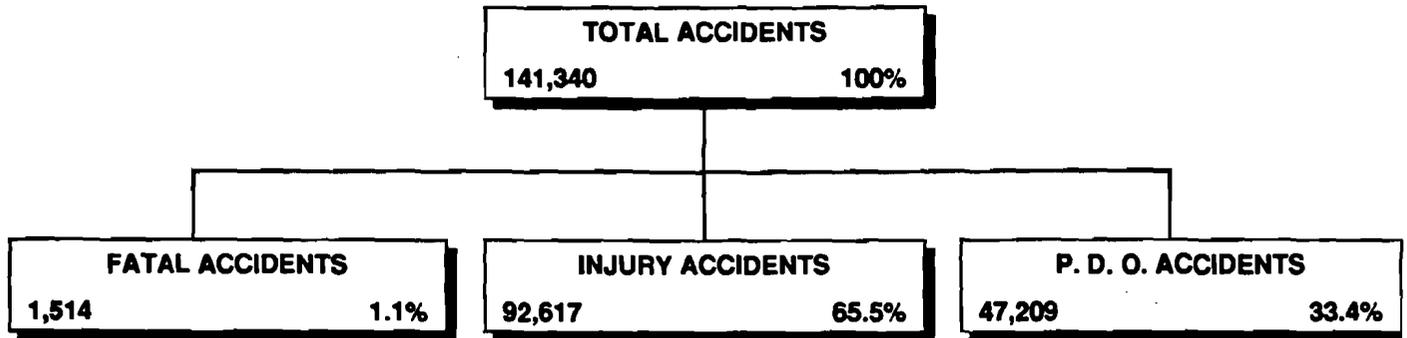
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I. HIGHLIGHTS

1990

TOTAL ACCIDENTS BY ACCIDENT SEVERITY



1990 OPERATOR-VEHICLE-ROAD DATA

7,898,957	LICENSED OPERATORS*
8,675,835	REGISTERED MOTOR VEHICLES
11,881,643	POPULATION OF THE COMMONWEALTH OF PENNSYLVANIA (1990 Census)
116,508	MAINTAINED MILES OF ROAD (1990 DATA)
	STATE.....40,813
	LOCAL.....70,866
	TURNPIKE.....468
	OTHER.....4,351

85.709 BILLION VEHICLE MILES DRIVEN

	STATE HIGHWAYS	INTERSTATES	TURNPIKE	LOCAL & OTHER
Accidents.....	88,732	6,753	1,619	44,236
Persons Killed.....	1,204	87	26	329
Persons Injured.....	91,963	6,104	1,100	43,778
Vehicle Miles Traveled (million vehicle miles).....	54,519	11,307	4,300	15,582
Accidents/100 Million Vehicle Miles.....	162.75	59.72	37.65	283.89
Persons Killed 100 Million Vehicle Miles.....	2.21	0.77	0.60	2.11
Persons Injured/ 100 Million Vehicle Miles.....	168.68	53.98	25.58	280.95

* Includes 33,023 licensed operators of indeterminate county of residence.

1990

ACCIDENT STATISTICS

4.5 PERSONS WERE KILLED EVERY DAY (ONE EVERY 5.3 HOURS).

391.6 PERSONS WERE INJURED EVERY DAY (ONE EVERY 3.7 MINUTES).

ONE PA LICENSED DRIVER OUT OF 39.4 WAS INVOLVED IN AN ACCIDENT.

ONE PA REGISTERED VEHICLE OUT OF 42.0 WAS INVOLVED IN AN ACCIDENT.

64.0% OF DRIVERS IN ALL ACCIDENTS WERE MALE.

76.1% OF DRIVERS IN FATAL ACCIDENTS WERE MALE.

59.0% OF ALL ACCIDENTS HAPPENED IN DAYLIGHT CONDITIONS.

54.8% OF FATAL ACCIDENTS HAPPENED IN DARK CONDITIONS.

43.9% OF FATAL ACCIDENTS HAPPENED ON WEEKENDS FROM 6 P.M. FRIDAY TO MIDNIGHT SUNDAY.

MOST DANGEROUS DAY: SATURDAY WITH 18.5% OF ALL FATAL ACCIDENTS.

MOST DANGEROUS HOURS: 9 P.M., 11 P.M. AND 2 A.M. WITH 18.9% OF ALL FATAL ACCIDENTS.

74.1% OF ALL ACCIDENTS OCCURRED UNDER NO ADVERSE WEATHER CONDITIONS.

67.8% OF ALL ACCIDENTS OCCURRED ON A DRY SURFACE.

11.6% OF ALL ACCIDENTS INVOLVED ALCOHOL

44.3% OF FATAL ACCIDENTS INVOLVED ALCOHOL.

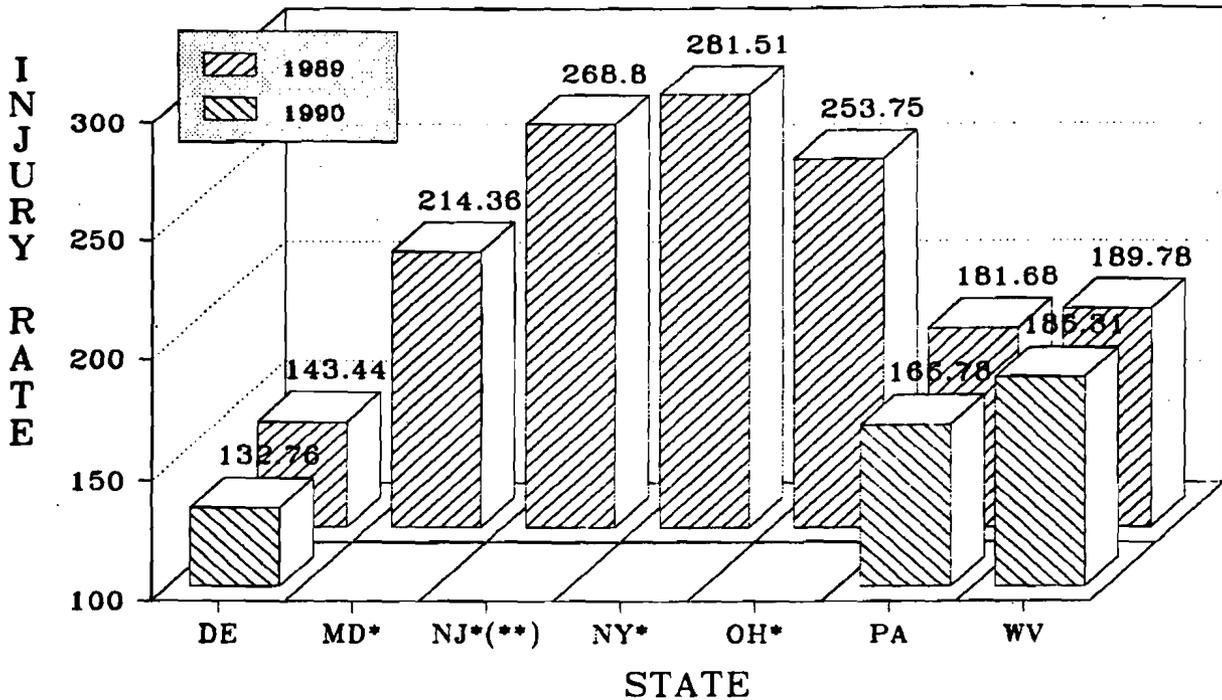
1990 ECONOMIC LOSS DUE TO REPORTABLE TRAFFIC ACCIDENTS

SEVERITY	NUMBER	AVERAGE* COSTS	ESTIMATED COSTS
FATALITIES	1,646	\$1,259,544.00	\$2,073,209,424
INJURIES			
MAJOR	6,938	\$310,440.00	\$2,153,832,720
MODERATE	26,510	\$10,062.00	\$266,743,620
MINOR	109,497	\$3,284.00	\$359,588,148
PROPERTY DAMAGE ONLY ACCIDENTS	47,209	\$1,994.00	\$94,1344,746
TOTAL			\$4,947,508,658

THE ECONOMIC LOSS TO EVERY MAN, WOMAN AND CHILD IN PA IN 1990 WAS \$416.40

* Figures based upon the latest FHWA estimates.

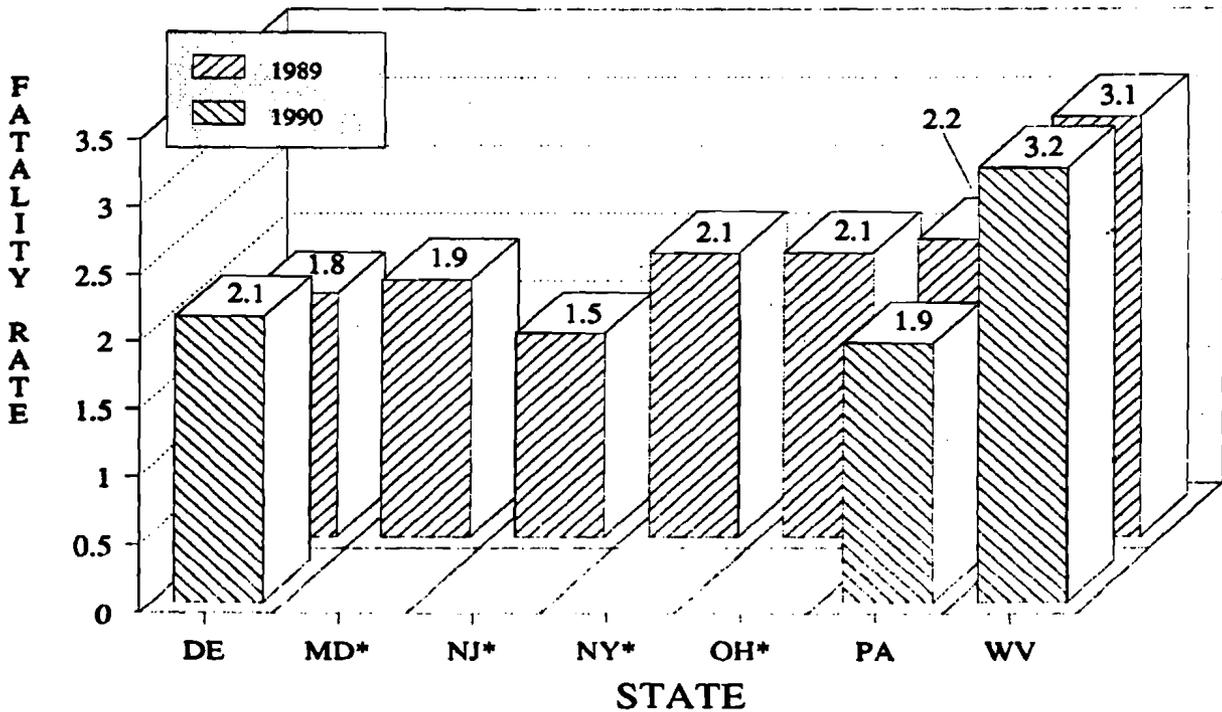
1989 - 1990 INJURY RATES: PA VS NEIGHBORING STATES
RATE: INJURY PER 100 MILLION VEHICLE MILES



*1990 Data unavailable at this time.

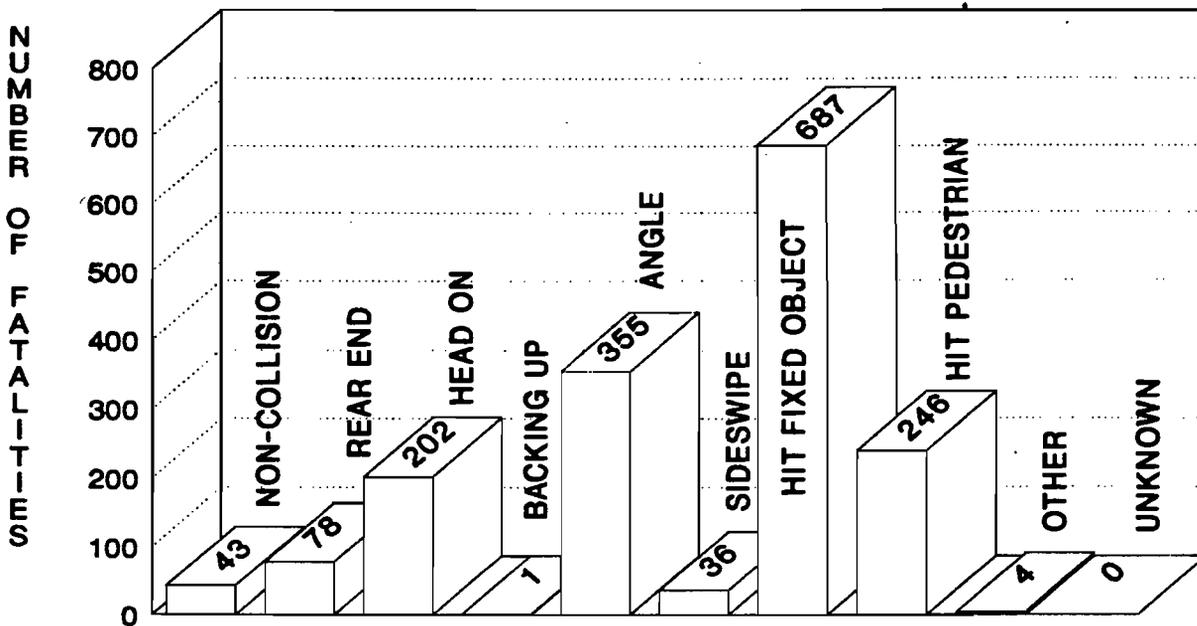
(**) Estimated Injuries

1989 - 1990 FATALITY RATES: PA VS NEIGHBORING STATES
RATE: FATALITIES PER 100 MILLION VEHICLE MILES

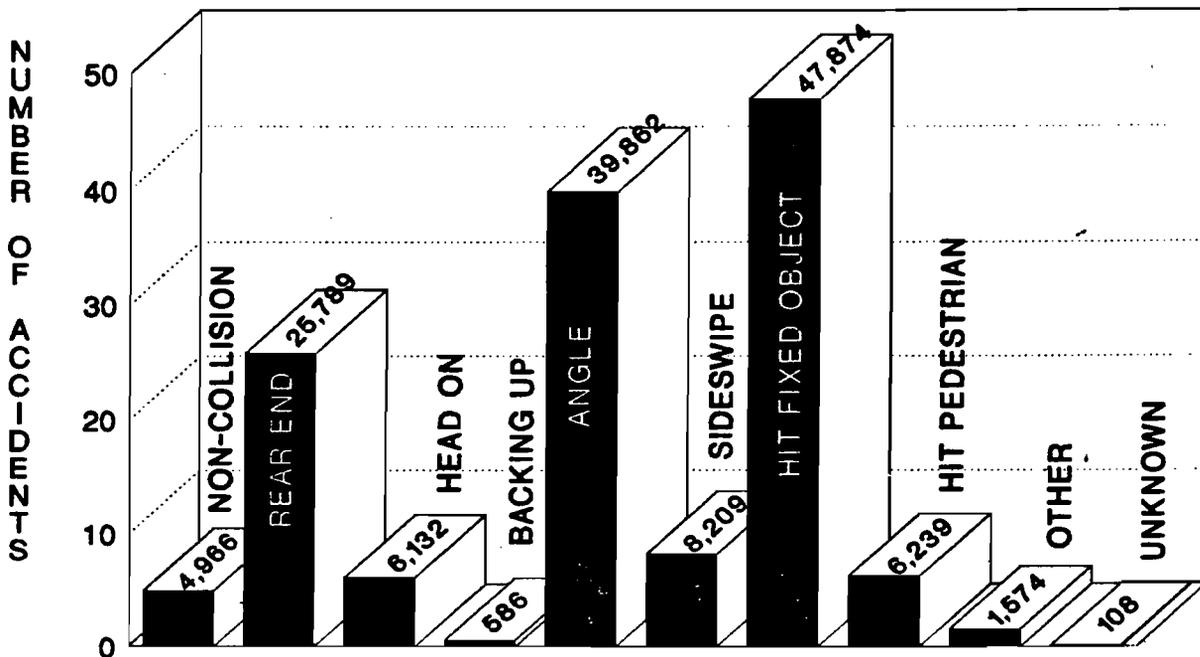


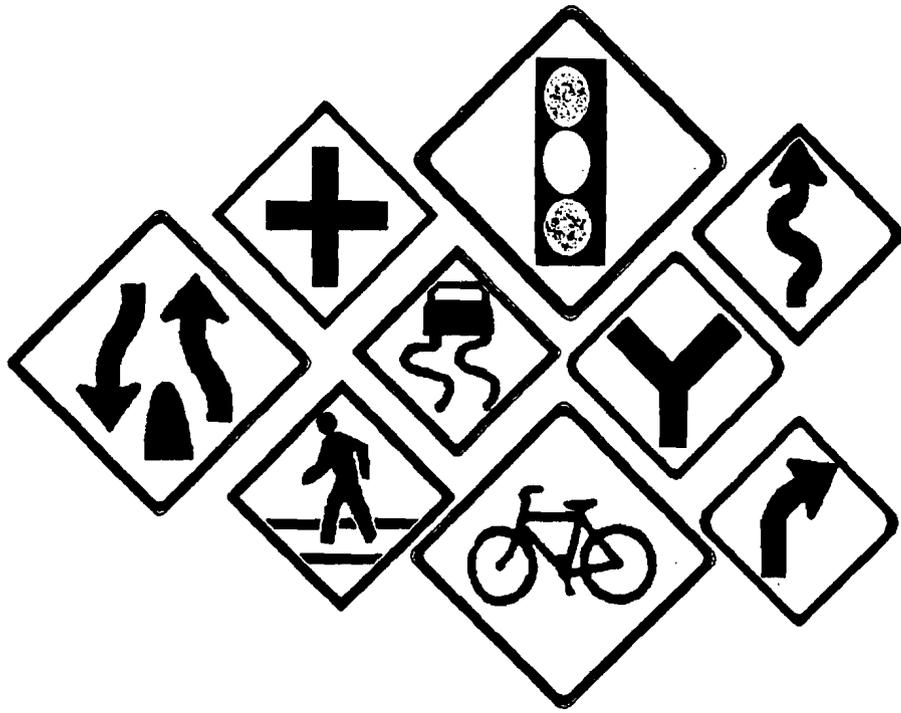
*1990 Data unavailable at this time.

1990 FATALITIES BY ACCIDENT TYPE



1990 TOTAL ACCIDENTS BY ACCIDENT TYPE





II. TRENDS

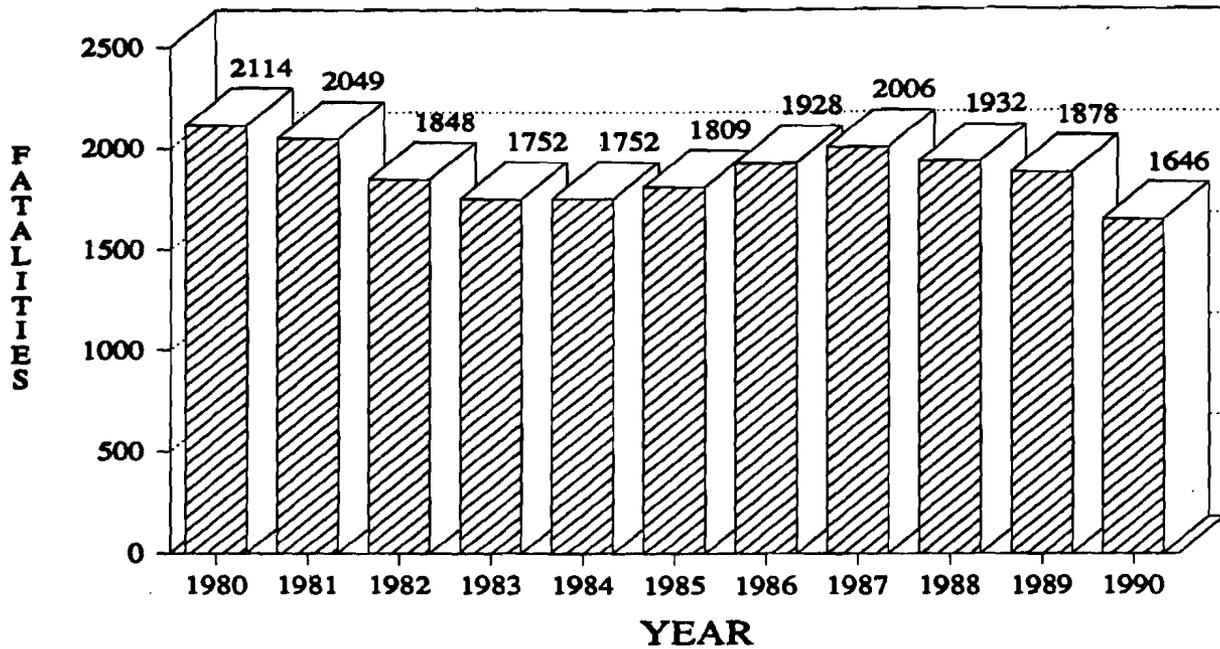
PA ACCIDENT FACTS

	1986	1987	1988	1989	1990
REPORTED ACCIDENTS	150,683	152,631	152,906	151,461	141,340
TOTAL KILLED	1,928	2,006	1,932	1,878	1,646
TOTAL INJURED	148,044	151,457	154,018	152,589	142,945
MAJOR	7,355	7,318	7,395	7,551	6,938
MODERATE	38,737	39,917	29,329	28,402	26,510
MINOR	98,602	101,608	106,506	94,919	84,060
UNKNOWN	3,350	2,614	10,788	21,717	25,437
PEDESTRIANS KILLED	245	252	266	251	267
PEDESTRIANS INJURED	7,029	7,085	7,053	6,769	6,684
MOTORCYCLISTS KILLED	145	153	132	113	109
MOTORCYCLISTS INJURED	5,261	4,515	4,102	3,159	3,495
PEDALCYCLISTS KILLED	39	35	32	27	27
PEDALCYCLISTS INJURED	3,431	3,379	2,841	2,641	2,598
TRUCK RELATED FATALITIES	295	330	333	283	214
ALCOHOL RELATED FATALITIES	817	862	856	825	737
BILLIONS OF VEHICLE MILES	77.5	78.9	81.3	84.5	85.7
DEATHS PER 100 MILLION VEHICLE MILES	2.50	2.54	2.38	2.22	1.92
INJURIES PER 100 MILLION VEHICLE MILES	191.80	191.96	189.49	180.50	166.78

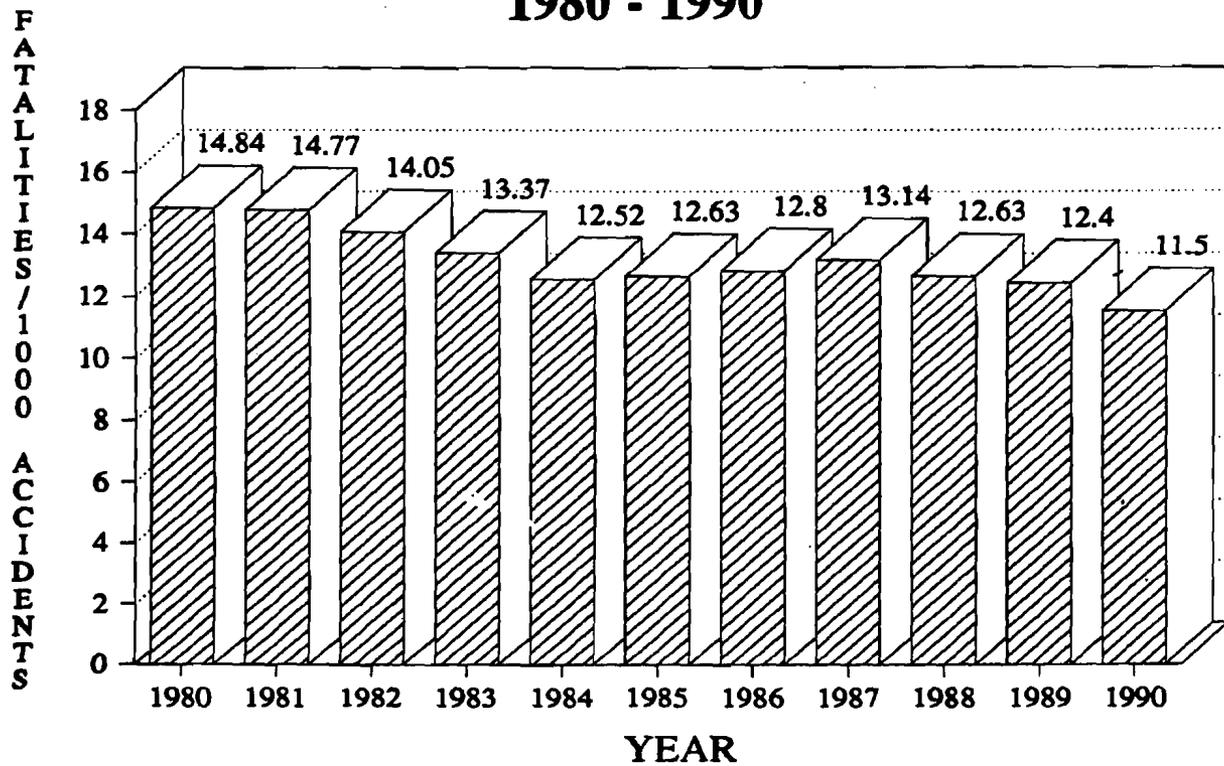
HISTORICAL TRENDS -- HIGHWAY ACCIDENT STATISTICS

YEAR	TOTAL ACCIDENTS	TOTAL KILLED	TOTAL INJURED	REGISTERED VEHICLES	MTR. VEHICLE MILEAGE (Billion)	PA FATALITY RATE (Per 100 Million)	US FATALITY RATE (Vehicle Miles)
1928	27,082	2,080	20,223	1,713,920	-	-	-
1929	43,776	2,331	35,648	1,829,685	-	-	-
1930	47,917	2,566	99,793	1,843,539	-	-	-
1931	46,588	2,503	40,800	1,826,736	-	-	-
1932	41,004	2,131	41,836	1,750,664	-	-	-
1933	45,374	2,279	47,908	1,716,104	-	-	-
1934	52,157	2,535	51,847	1,791,870	-	-	-
1935	50,436	2,361	48,398	1,851,945	11.1	21.3	15.9
1936	55,727	2,426	50,854	1,989,507	12.6	19.2	15.1
1937	73,534	2,564	61,445	2,124,525	17.6	14.6	14.7
1938	63,153	1,892	50,598	2,101,299	16.3	11.6	12.0
1939	69,950	1,871	55,821	2,237,960	18.5	10.1	11.3
1940	78,625	2,074	58,664	2,307,723	19.8	10.5	11.4
1941	83,507	2,298	60,499	2,432,319	21.3	10.8	12.0
1942	59,280	1,745	41,122	2,267,301	17.6	9.9	10.6
1943	37,419	1,374	27,312	2,084,332	13.9	9.9	11.5
1944	42,699	1,328	29,928	2,010,163	14.4	9.2	11.5
1945	53,304	1,453	35,686	2,145,452	16.0	9.1	11.3
1946	70,065	1,794	45,889	2,387,542	22.1	8.1	9.8
1947	89,190	1,678	49,938	2,604,741	22.4	7.5	8.8
1948	103,478	1,671	52,709	2,804,056	23.9	7.0	8.1
1949	102,098	1,624	54,290	2,993,903	25.8	6.3	7.5
1950	113,748	1,624	62,103	3,262,243	27.1	6.0	7.6
1951	123,088	1,642	65,643	3,413,836	28.8	5.7	7.1
1952	126,820	1,680	67,134	3,510,064	30.5	5.5	7.1
1953	129,791	1,643	70,531	3,684,468	31.6	5.2	6.7
1954	130,326	1,538	68,571	3,803,917	32.0	4.8	6.1
1955	147,837	1,737	76,836	4,045,995	34.5	5.0	6.1
1956	160,371	1,790	84,813	4,175,217	36.5	4.9	6.1
1957	161,080	1,698	84,755	4,250,576	37.7	4.5	5.8
1958	156,825	1,654	86,733	4,355,813	38.5	4.3	5.4
1959	157,191	1,685	90,807	4,507,262	39.2	4.3	5.4
1960	159,051	1,609	82,792	4,707,055	40.2	4.0	5.3
1961	156,559	1,486	73,997	4,842,400	40.2	3.7	5.2
1962	161,557	1,625	81,936	4,849,400	41.7	3.9	5.3
1963	174,527	1,830	86,892	5,117,229	44.6	4.1	5.5
1964	183,910	1,889	93,564	5,351,350	46.1	4.1	5.7
1965	213,769	2,079	111,123	5,436,349	48.3	4.3	5.6
1966	254,450	2,180	116,537	5,497,000	51.1	4.27	5.70
1967	243,798	2,331	126,417	5,673,000	53.4	4.37	5.50
1968	279,663	2,410	138,389	5,791,000	56.1	4.29	5.40
1969	292,192	2,401	141,728	5,879,000	58.6	4.10	5.21
1970	311,981	2,255	136,518	5,947,000	56.7	3.98	4.88
1971	301,374	2,299	127,318	6,079,000	60.9	3.78	4.57
1972	277,556	2,352	135,938	6,244,000	67.0	3.51	4.43
1973	307,648	2,444	145,452	7,007,192	66.5	3.67	4.24
1974	277,271	2,155	132,689	8,354,063	63.9	3.37	3.59
1975	288,245	2,082	134,969	8,654,333	63.7	3.27	3.45
1976	303,774	2,025	135,308	9,124,915	69.4	2.92	3.33
1977	243,702	2,071	148,725	8,833,745	72.3	2.87	3.35
1978	158,361	2,137	146,403	7,254,893	72.7	2.94	3.39
1979	156,622	2,204	144,300	7,451,021	70.3	3.14	3.50
1980	142,489	2,114	133,716	7,307,974	71.3	2.96	3.50
1981	138,764	2,049	131,301	7,252,836	71.5	2.87	3.30
1982	131,579	1,848	126,026	7,417,311	71.3	2.59	2.88
1983	131,081	1,752	126,707	7,562,726	72.3	2.42	2.69
1984	139,914	1,752	134,714	7,724,686	74.1	2.36	2.68
1985	143,244	1,809	140,067	7,860,497	75.6	2.39	2.48
1986	150,683	1,928	148,044	7,793,921	77.2	2.50	2.48
1987	152,631	2,006	151,457	8,313,799	78.9	2.54	2.40
1988	152,906	1,932	154,018	8,452,365	81.3	2.38	2.32
1989	151,461	1,878	152,589	8,605,747	84.5	2.22	2.20
1990	141,340	1,646	142,945	8,675,835	85.7	1.92	2.10

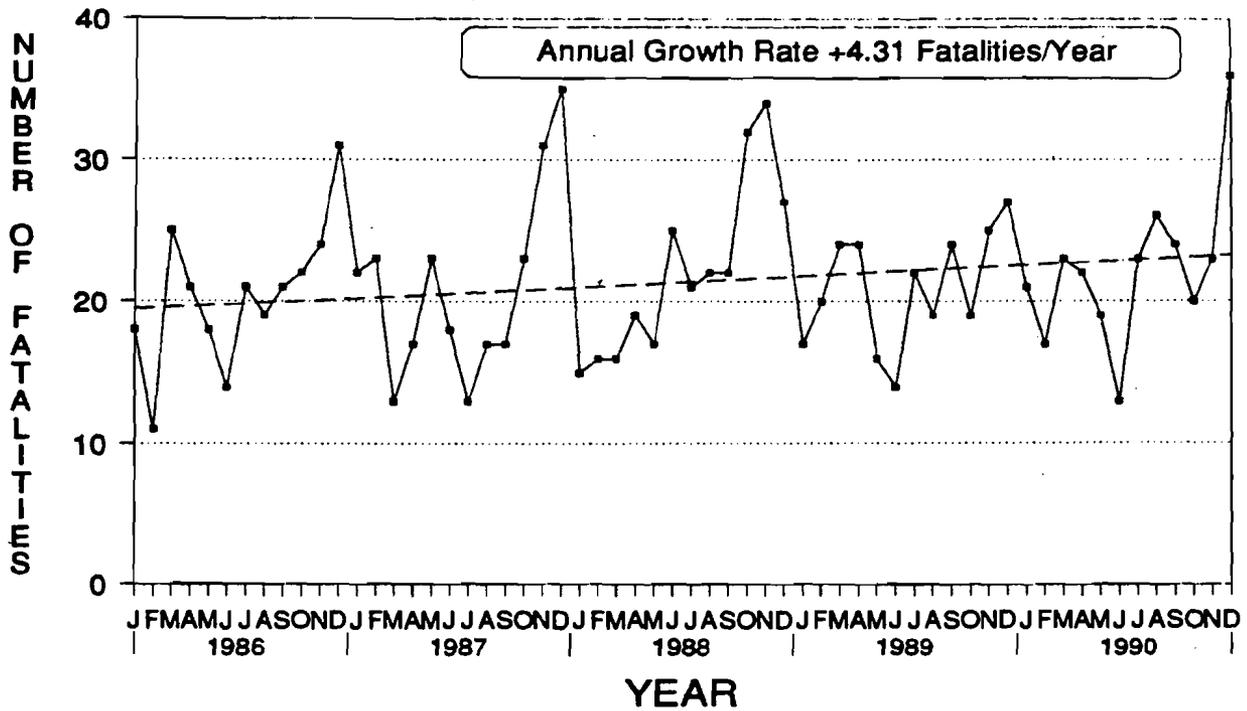
PENNSYLVANIA HIGHWAY FATALITIES 1980 - 1990



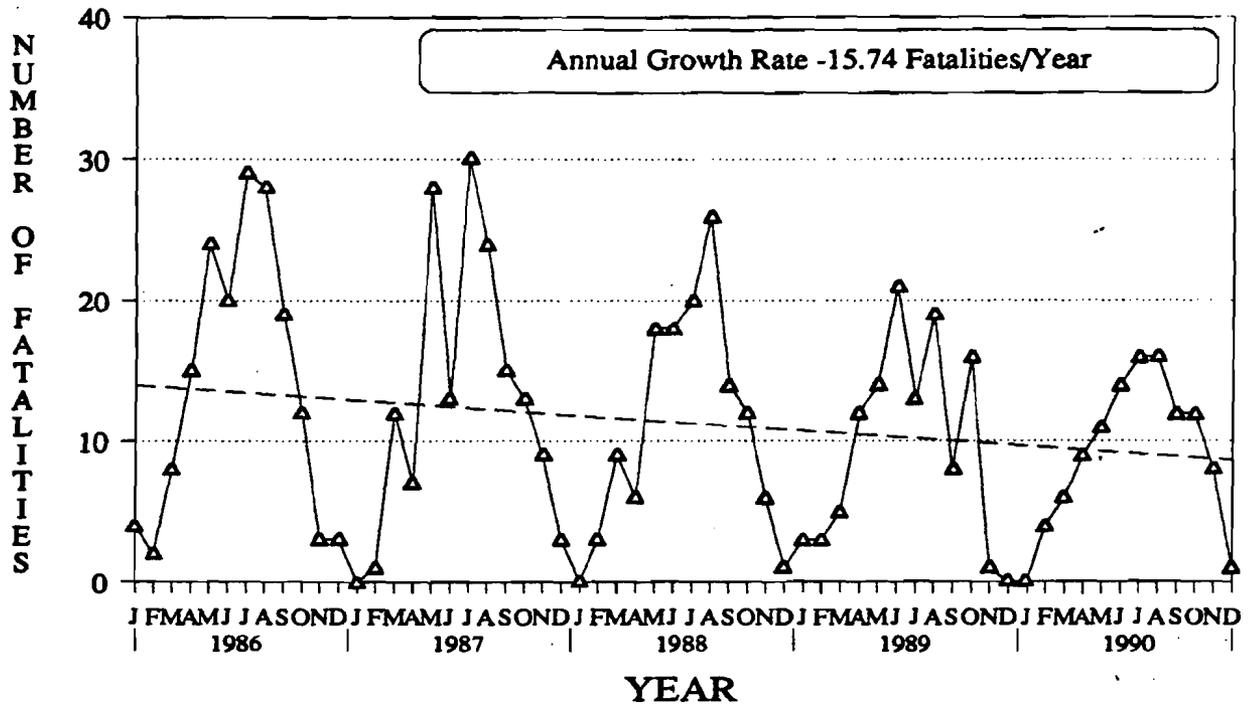
FATALITIES PER 1,000 ACCIDENTS 1980 - 1990



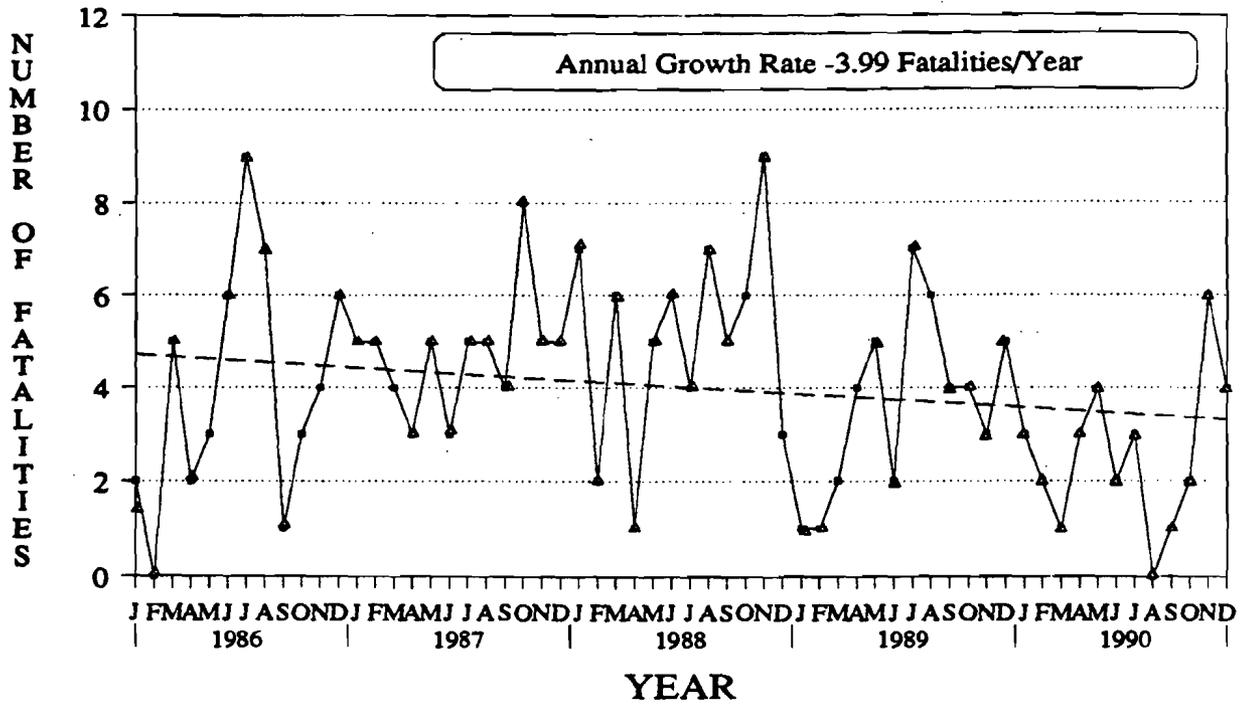
PEDESTRIAN FATALITIES BY MONTH 1986 - 1990



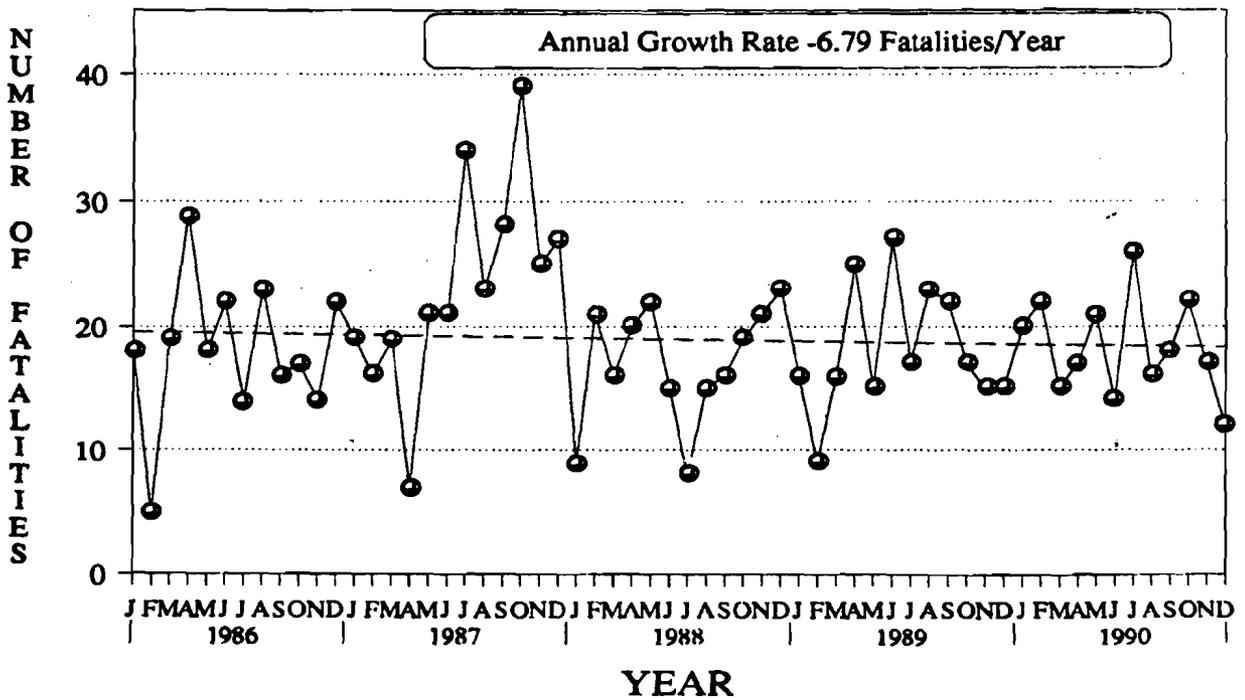
MOTORCYCLE FATALITIES 1986 - 1990



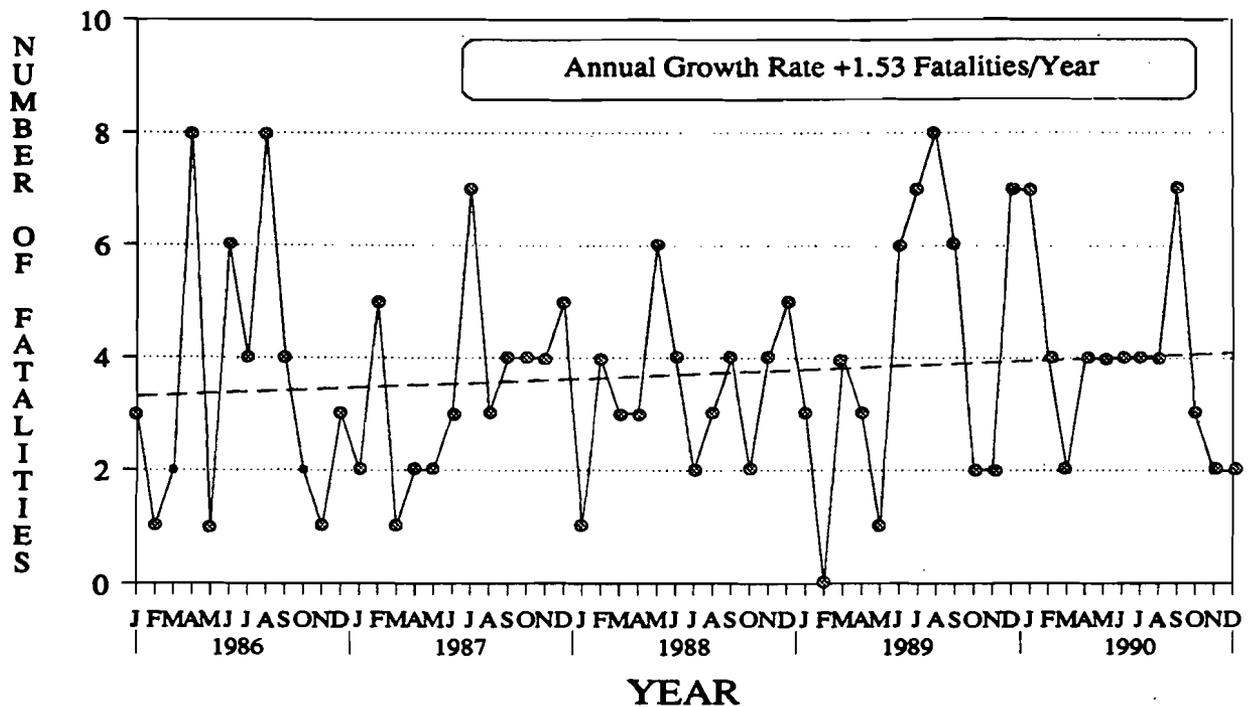
HEAVY TRUCK FATALITIES 1986 - 1990



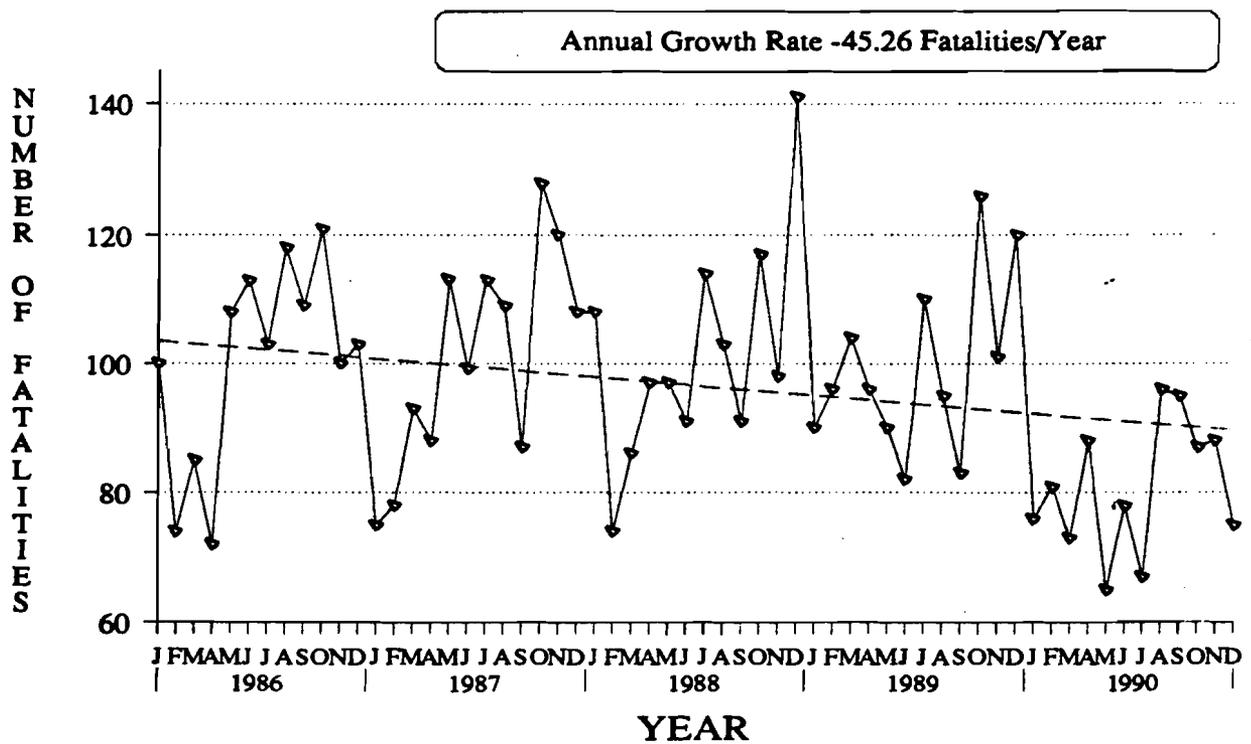
LIGHT TRUCK FATALITIES 1986 - 1990



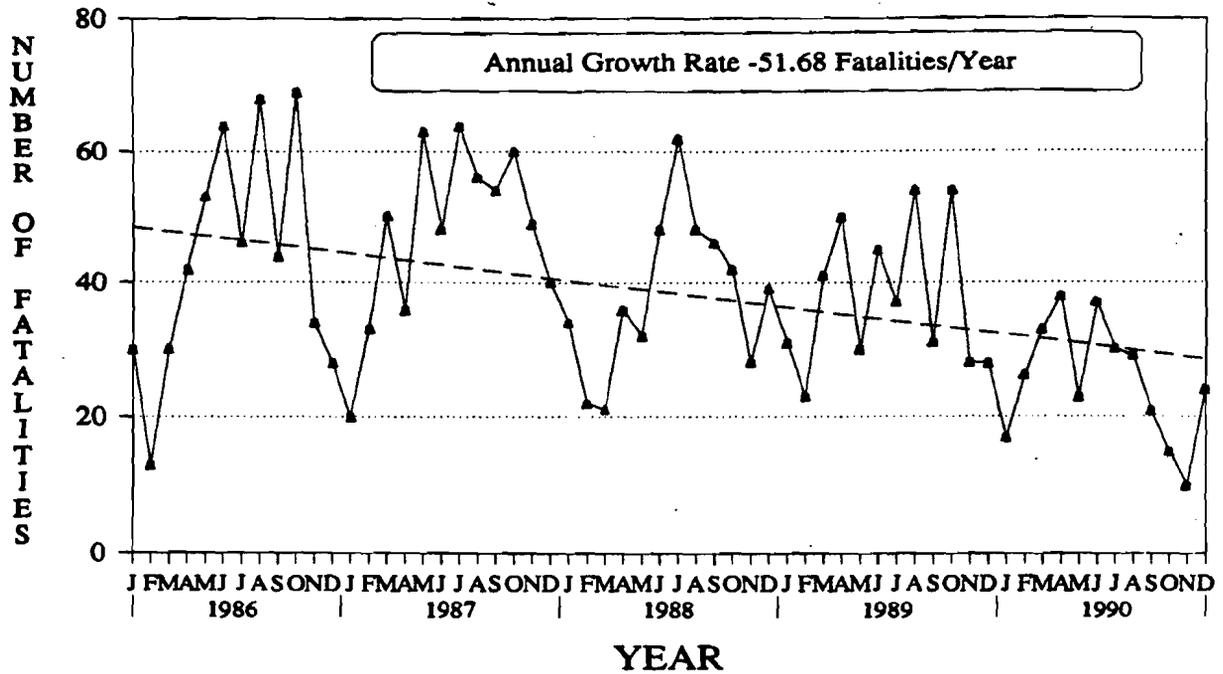
VAN-TYPE VEHICLE FATALITIES 1986 - 1990



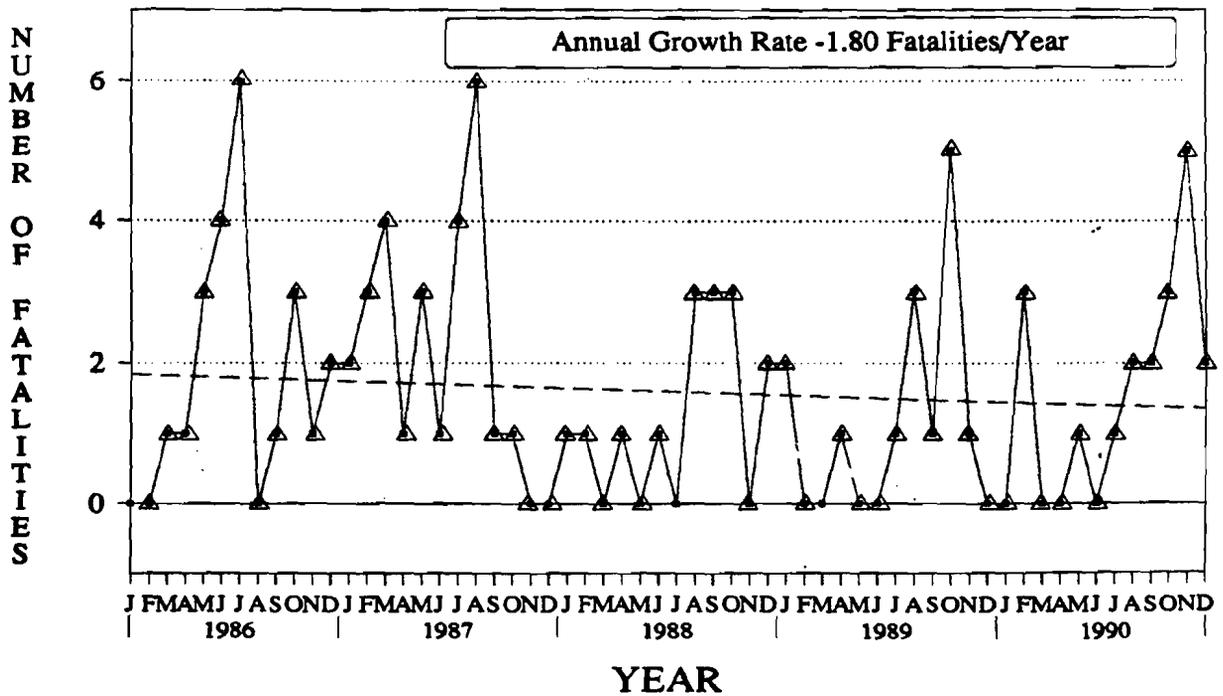
PASSENGER CAR FATALITIES 1986 - 1990



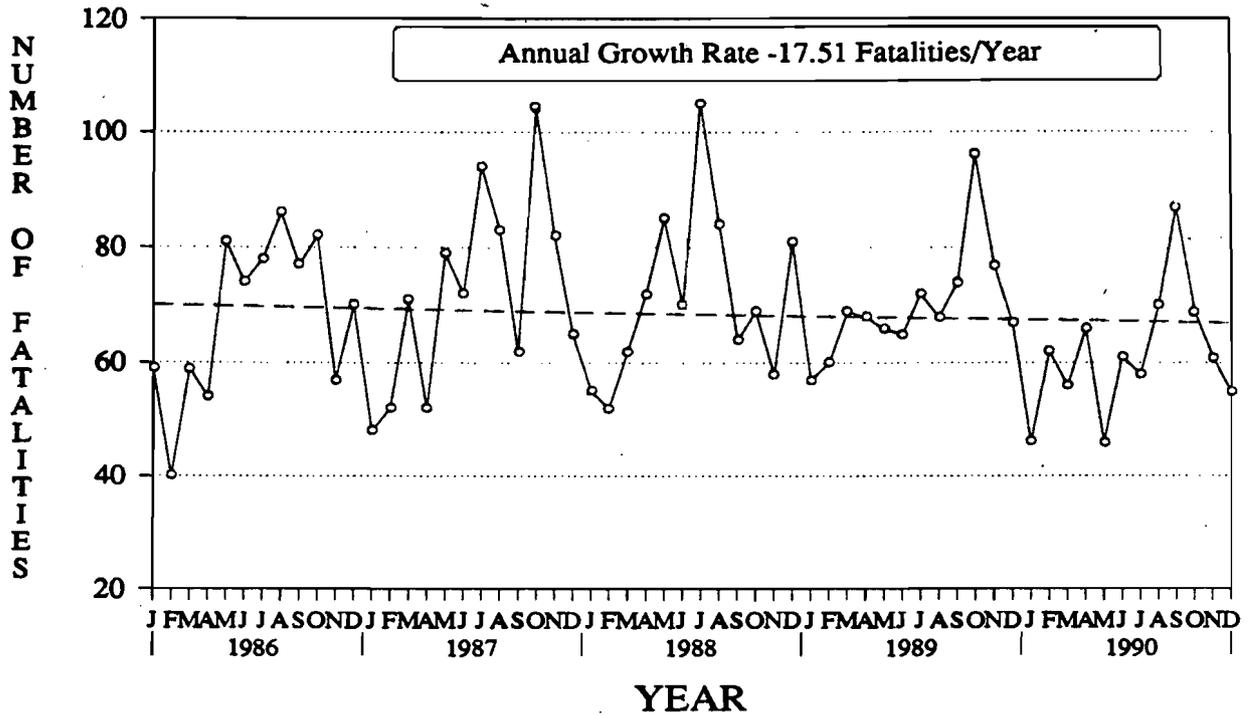
SPEEDING FATALITIES BY MONTH 1986 - 1990



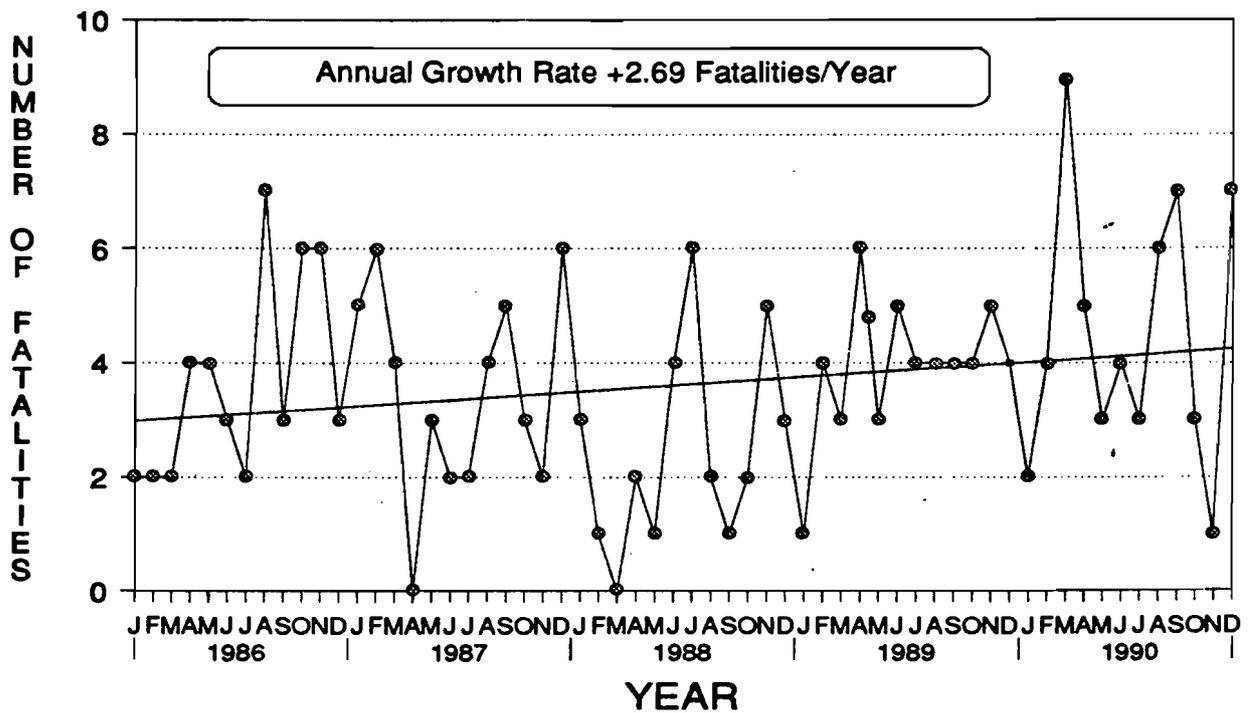
TAILGATING FATALITIES BY MONTH 1986 - 1990

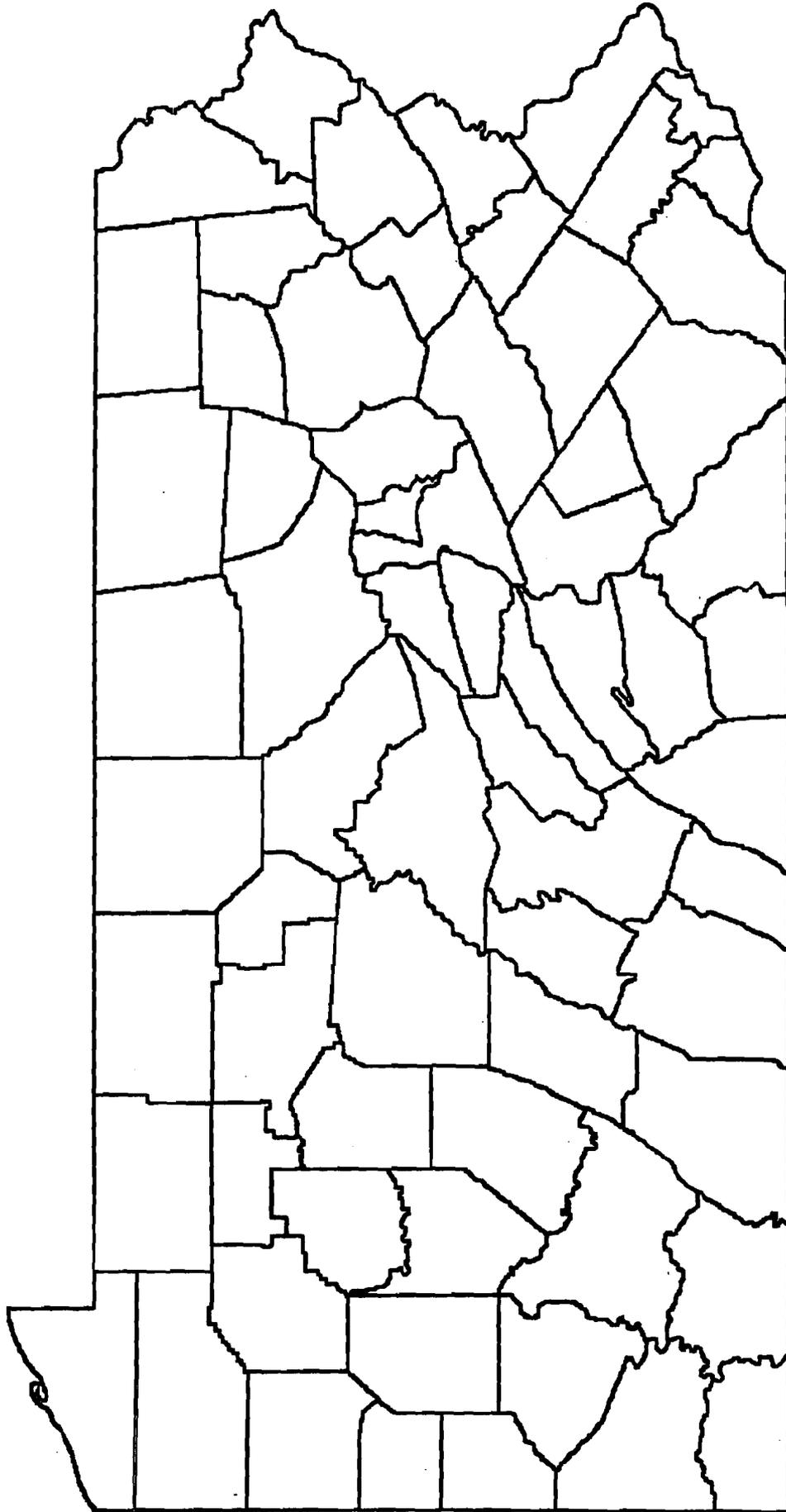


ALCOHOL RELATED FATALITIES BY MONTH 1986 - 1990



HIT & RUN FATALITIES BY MONTH 1986 - 1990





III. GEOGRAPHIC INFORMATION

1990 PENNSYLVANIA ACCIDENTS BY COUNTY

COUNTY	FATAL ACCIDENTS	INJURY ACCIDENTS	P.D.O. ACCIDENTS	TOTAL ACCIDENTS
ADAMS	13	568	393	974
ALLEGHENY	91	8,231	4,790	13,112
ARMSTRONG	18	469	244	731
BEAVER	18	1,101	655	1,774
BEDFORD	16	468	230	714
BERKS	48	2,999	2,027	5,074
BLAIR	19	1,094	589	1,702
BRADFORD	11	423	246	680
BUCKS	59	4,841	2,468	7,368
BUTLER	31	1,169	612	1,812
CAMBRIA	13	728	425	1,166
CAMERON	0	54	26	80
CARBON	12	472	300	784
CENTRE	16	769	435	1,220
CHESTER	51	3,251	2,305	5,607
CLARION	11	334	138	483
CLEARFIELD	15	646	373	1,034
CLINTON	13	262	149	424
COLUMBIA	16	518	254	788
CRAWFORD	16	660	377	1,053
CUMBERLAND	26	1,395	954	2,375
DAUPHIN	28	2,036	1,323	3,387
DELAWARE	42	3,961	1,865	5,868
ELK	5	216	133	354
ERIE	37	2,321	956	3,314
FAYETTE	23	1,194	524	1,741
FOREST	1	49	33	83
FRANKLIN	28	1,056	709	1,793
FULTON	8	151	102	261
GREENE	12	299	165	476
HUNTINGDON	12	337	203	552
INDIANA	16	620	322	958
JEFFERSON	11	360	186	557
JUNIATA	4	148	79	231
LACKAWANNA	28	1,699	805	2,532
LANCASTER	54	3,409	1,936	5,399
LAWRENCE	13	702	257	972
LEBANON	12	931	545	1,488
LEHIGH	28	2,712	1,534	4,274
LUZERNE	40	2,698	1,184	3,922
LYCOMING	22	928	505	1,455
MCKEAN	10	281	155	446
MERCER	23	905	513	1,446
MIFFLIN	8	340	179	527
MONROE	21	1,257	729	2,007
MONTGOMERY	54	6,248	3,299	9,601
MONTOUR	2	137	88	227
NORTHAMPTON	17	1,814	1,125	2,956
NORTHUMBERLAND	12	533	284	829
PERRY	18	349	209	576
PIKE	8	314	251	573
POTTER	1	139	63	203
SCHUYLKILL	28	1,109	590	1,727
SNYDER	12	272	164	448
SOMERSET	15	533	269	817
SULLIVAN	4	64	36	104
SUSQUEHANNA	10	289	146	445
TIOGA	7	327	131	465
UNION	8	266	179	452
VENANGO	9	493	261	763
WARREN	7	269	176	452
WASHINGTON	30	1,410	908	2,348
WAYNE	10	394	161	565
WESTMORELAND	46	2,844	1,581	4,471
WYOMING	14	264	145	423
YORK	45	3,160	1,627	4,832
PHILADELPHIA	158	12,327	2,584	15,069
TOTAL	1,514	92,617	47,249	141,340

1986-1990 ACCIDENTS BY COUNTY

COUNTY	1986 ACCIDENTS	1987 ACCIDENTS	1988 ACCIDENTS	1989 ACCIDENTS	1990 ACCIDENTS	ANNUAL GROWTH IN ACCIDENTS	PERCENT CHANGE 89-90
ADAMS	991	1,019	1,087	1,046	974	-0.39	-6.9
ALLEGHENY	14,615	13,841	13,809	13,979	13,112	-284.00	-6.3
ARMSTRONG	687	754	747	772	731	10.27	-5.3
BEAVER	1,967	1,860	1,836	1,880	1,774	-36.41	-5.8
BEDFORD	621	733	789	763	714	21.76	-8.5
BERKS	5,099	5,030	5,198	5,264	5,074	22.21	-4.2
BLAIR	1,583	1,752	1,676	1,786	1,702	27.84	-5.4
BRADFORD	699	739	821	786	680	1.78	-13.5
BUCKS	8,498	8,873	8,453	8,169	7,368	-288.45	-10.2
BUTLER	2,000	2,063	2,152	2,095	1,812	-30.90	-13.5
CAMBRIA	1,550	1,678	1,590	1,332	1,166	-107.31	-12.5
CAMERON	80	91	85	90	80	-0.12	-11.1
CARBON	835	940	881	906	784	-13.13	-13.5
CENTRE	1,244	1,271	1,380	1,389	1,220	8.45	-12.2
CHESTER	5,808	5,607	6,034	5,893	5,607	-10.66	-4.9
CLARION	573	539	568	520	483	-19.55	-7.1
CLEARFIELD	1,039	1,082	1,186	1,264	1,034	19.96	-18.2
CLINTON	506	440	485	509	424	-9.10	-16.5
COLUMBIA	834	830	835	820	788	-9.96	-4.0
CRAWFORD	1,077	1,044	1,086	1,154	1,053	6.75	-8.8
CUMBERLAND	2,644	2,695	2,652	2,581	2,375	-63.59	-8.0
DAUPHIN	3,343	3,640	3,612	3,650	3,387	9.44	-7.2
DELAWARE	6,904	6,834	6,335	6,505	5,868	-236.42	-9.9
ELK	397	412	432	413	354	-7.71	-14.3
ERIE	3,772	3,599	3,826	3,544	3,314	-94.96	-6.5
FAYETTE	1,775	1,684	1,721	1,740	1,741	-1.52	0.1
FOREST	106	98	78	95	83	-4.99	-12.6
FRANKLIN	1,451	1,627	1,716	1,781	1,793	81.70	0.7
FULTON	263	261	331	326	261	6.80	-19.9
GREENE	463	447	495	514	476	9.37	-7.4
HUNTINGDON	493	572	573	547	552	8.36	0.9
INDIANA	1,084	1,090	1,143	1,097	958	-22.74	-12.7
JEFFERSON	611	571	572	565	557	-11.60	-1.4
JUNIATA	216	232	248	237	231	3.36	-2.5
LACKAWANNA	2,648	2,795	2,663	2,802	2,532	-15.14	-11.3
LANCASTER	5,325	5,785	5,869	5,654	5,399	-0.13	-4.5
LAWRENCE	1,065	1,146	1,073	1,040	972	-29.01	-6.6
LEBANON	1,607	1,452	1,579	1,483	1,488	-21.56	0.3
LEHIGH	4,660	4,668	4,827	4,822	4,274	-56.55	-11.4
LUZERNE	4,011	4,157	4,096	4,172	3,922	-15.02	-6.1
LYCOMING	1,509	1,570	1,668	1,513	1,455	-15.81	-4.0
McKEAN	487	482	529	506	446	-5.15	-11.9
MERCER	1,475	1,536	1,685	1,527	1,441	-7.30	-5.6
MIFFLIN	531	574	613	579	527	-0.19	-9.0
MONROE	2,052	2,083	2,139	2,235	2,007	8.03	-10.3
MONTGOMERY	10,967	10,917	10,879	10,461	9,601	-310.82	-8.2
MONTOUR	189	254	260	223	227	3.05	1.3
NORTHAMPTON	2,911	3,102	3,002	3,128	2,956	-71.65	-5.6
NORTHUMBERLAND	917	1,022	1,053	959	829	-22.45	-13.6
PERRY	581	573	562	640	576	6.31	-10.1
PIKE	545	571	567	627	573	11.47	-8.6
POTTER	174	185	216	212	203	8.24	-4.2
SCHUYLKILL	1,846	1,901	1,942	1,883	1,727	-23.12	-8.9
SNYDER	481	531	484	461	448	-13.85	-2.8
SOMERSET	810	908	935	964	817	7.91	-15.3
SULLIVAN	121	103	122	95	104	-4.21	9.5
SUSQUEHANNA	420	463	476	467	445	-5.10	-4.7
TIOGA	478	498	501	517	465	-0.37	-10.1
UNION	392	436	465	452	453	13.25	0.2
VENANGO	859	823	819	810	763	-20.39	-5.8
WARREN	582	555	543	563	452	-23.41	-19.9
WASHINGTON	2,603	2,462	2,457	2,531	2,348	-38.81	-8.9
WAYNE	461	529	586	585	565	25.29	-3.6
WESTMORELAND	4,811	4,730	4,695	4,831	4,471	-55.88	-7.5
WYOMING	443	463	456	466	423	-3.45	-9.2
YORK	4,740	5,037	5,094	5,218	4,832	37.11	-7.4
PHILADELPHIA	16,151	16,403	15,844	15,023	15,069	-347.64	-0.1
TOTAL	150,680	152,662	153,131	151,461	141,340	-28.60	-6.69

1990 FATALITIES AND INJURIES AND RATES/10,000 POPULATION

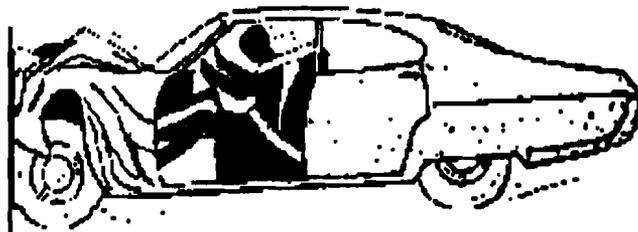
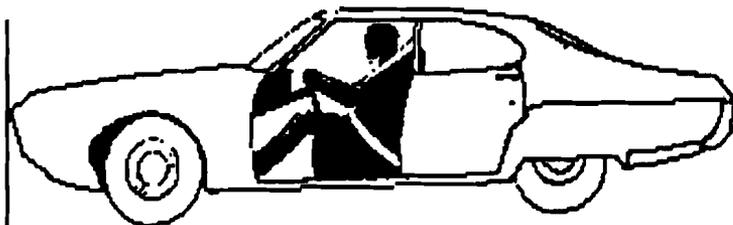
COUNTY	POPULATION	FATALITIES	FATALITIES PER 10,000 POPULATION	FATALITIES PLUS INJURIES	FAT. + INJ. PER 10,000 POPULATION	FATALITIES ON STATE HIGHWAYS	FATALITIES PER 100 MIL VEH. MILES
ADAMS	78,274	14	1.79	842	107.57	14	2.41
ALLEGHENY	1,336,449	96	0.72	12,447	93.13	56	1.01
ARMSTRONG	73,478	19	2.59	746	101.53	19	3.80
BEAVER	186,093	21	1.13	1,682	90.38	20	1.78
BEDFORD	47,919	22	4.59	767	160.06	12	2.84
BERKS	336,523	52	1.55	4,506	133.90	41	2.12
BLAIR	130,542	23	1.76	1,690	129.46	20	2.68
BRADFORD	60,967	14	2.30	641	105.14	14	3.64
BUCKS	541,174	61	1.13	7,739	143.00	56	1.69
BUTLER	152,013	34	2.24	1,888	124.20	28	2.57
CAMBRIA	163,029	15	0.92	1,123	68.88	13	1.47
CAMERON	5,913	0	0.00	71	120.07	0	0.00
CARBON	56,846	12	2.11	773	135.98	9	2.68
CENTRE	123,786	18	1.45	1,204	97.26	16	1.80
CHESTER	376,396	54	1.43	5,130	136.29	44	1.70
CLARION	41,699	11	2.64	570	136.69	8	1.80
CLEARFIELD	78,097	19	2.43	1,021	130.73	18	2.37
CLINTON	37,182	20	5.38	443	119.14	18	5.37
COLUMBIA	63,202	18	2.85	806	127.53	16	3.35
CRAWFORD	86,169	16	1.86	1,005	116.63	15	2.28
CUMBERLAND	195,257	29	1.49	2,085	106.78	24	0.95
DAUPHIN	237,813	30	1.26	3,151	132.50	23	1.32
DELAWARE	547,651	43	0.79	6,249	114.11	40	1.70
ELK	34,878	5	1.43	330	94.62	5	2.33
ERIE	275,572	38	1.38	3,617	131.25	24	1.77
FAYETTE	145,351	23	1.58	1,880	129.34	19	2.13
FOREST	4,802	2	4.16	66	137.44	2	2.61
FRANKLIN	121,082	30	2.48	1,644	135.78	25	2.83
FULTON	13,837	9	6.50	226	163.33	5	2.57
GREENE	39,550	14	3.54	468	118.33	12	3.86
HUNTINGDON	44,164	12	2.72	529	119.78	10	2.90
INDIANA	89,994	17	1.89	967	107.45	17	2.62
JEFFERSON	46,083	12	2.60	587	127.38	11	2.66
JUNIATA	20,625	4	1.94	243	117.82	3	1.52
LACKAWANNA	219,039	30	1.37	2,638	120.44	26	2.05
LANCASTER	422,822	56	1.32	5,230	123.69	45	1.92
LAWRENCE	96,246	13	1.35	1,113	115.64	11	2.14
LEBANON	113,744	12	1.06	1,344	118.16	9	1.41
LEHIGH	291,130	31	1.06	4,198	144.20	26	1.69
LUZERNE	328,149	45	1.37	4,202	128.05	38	2.02
LYCOMING	118,710	22	1.85	1,387	116.84	17	2.05
McKEAN	47,131	12	2.55	406	86.14	11	3.84
MERCER	121,003	27	2.23	1,432	118.34	22	2.51
MIFFLIN	46,197	8	1.73	509	110.18	5	1.74
MONROE	95,709	21	2.19	1,990	207.92	20	2.12
MONTGOMERY	678,111	57	0.84	9,753	143.83	42	1.24
MONTOUR	17,735	3	1.69	214	120.67	3	1.69
NORTHAMPTON	247,105	18	0.73	2,707	109.55	15	1.24
NORTHUMBERLAND	96,771	14	1.45	826	85.36	14	2.44
PERRY	41,172	21	5.10	599	145.49	19	5.07
PIKE	27,966	8	2.86	444	158.76	7	2.10
POTTER	16,717	2	1.20	210	125.62	2	1.44
SCHUYLKILL	152,585	34	2.23	1,777	116.46	30	2.95
SNYDER	36,680	12	3.27	435	118.59	11	3.81
SOMERSET	78,218	16	2.05	838	107.14	12	2.34
SULLIVAN	6,104	4	6.55	92	150.72	4	6.37
SUSQUEHANNA	40,380	10	2.48	441	109.21	9	2.21
TIOGA	41,126	13	3.16	492	119.63	12	0.00
UNION	36,176	8	2.21	438	121.07	8	2.38
VENANGO	59,381	10	1.68	742	124.96	10	2.14
WARREN	45,050	7	1.55	396	87.90	6	1.81
WASHINGTON	204,584	34	1.66	2,183	106.70	32	1.92
WAYNE	39,944	12	3.00	640	160.22	12	3.97
WESTMORELAND	370,321	50	1.35	4,304	117.57	42	1.92
WYOMING	28,076	14	4.99	420	149.59	12	5.37
YORK	339,574	46	1.35	4,669	137.50	38	1.84
PHILADELPHIA	1,585,577	169	1.07	20,336	128.26	110	2.76
TOTAL	11,881,643	1,646	1.39	144,591	121.69	1,337	2.03

1986-1990 FATALITIES BY COUNTY

COUNTY	1986 FATALITIES	1987 FATALITIES	1988 FATALITIES	1989 FATALITIES	1990 FATALITIES	ANNUAL GROWTH IN FATALITIES	PERCENT CHANGE 89-90
ADAMS	19	29	31	22	14	-1.48	-36.4
ALLEGHENY	127	90	125	105	96	-5.27	-8.6
ARMSTRONG	20	13	20	11	19	-0.31	72.7
BEAVER	31	19	17	23	21	-2.02	-8.7
BEDFORD	21	21	25	9	22	-0.31	144.4
BERKS	67	60	52	72	52	-1.44	-27.8
BLAIR	16	18	24	25	23	2.00	-8.0
BRADFORD	23	26	16	13	14	-3.16	7.7
BUCKS	96	111	89	71	61	-10.81	-14.1
BUTLER	32	46	33	36	34	-0.97	-5.6
CAMBRIA	24	25	36	20	15	-1.67	-25.0
CAMERON	1	0	4	1	0	0.41	.
CARBON	21	18	15	17	12	-1.86	-29.4
CENTRE	25	17	24	21	18	-1.13	-14.3
CHESTER	89	77	69	55	54	-9.34	-1.8
CLARION	14	7	6	14	11	-0.12	-21.4
CLEARFIELD	15	29	15	21	19	-0.69	-9.5
CLINTON	8	10	6	10	20	2.97	100.0
COLUMBIA	12	12	13	14	18	1.49	28.6
CRAWFORD	21	22	17	22	16	-0.89	-27.3
CUMBERLAND	37	44	29	27	29	-3.43	7.4
DAUPHIN	35	55	49	42	30	-2.53	-28.6
DELAWARE	60	65	45	48	43	-5.22	-10.4
ELK	10	13	5	5	5	-1.89	0.0
ERIE	43	47	42	42	38	-1.50	-9.5
FAYETTE	31	46	33	31	23	-3.31	-25.8
FOREST	2	3	5	1	2	-0.07	100.0
FRANKLIN	33	22	30	36	30	0.60	-16.7
FULTON	5	4	12	6	9	0.76	50.0
GREENE	9	14	13	19	14	1.45	-26.3
HUNTINGDON	10	13	14	9	12	0.00	33.3
INDIANA	18	30	27	23	17	-1.17	-26.1
JEFFERSON	11	10	8	1	12	0.18	1100.0
JUNIATA	5	5	7	6	4	-0.03	-33.3
LACKAWANNA	28	27	35	23	30	0.11	30.4
LANCASTER	70	71	62	63	56	-3.57	-11.1
LAWRENCE	15	13	17	16	13	-0.07	-18.8
LEBANON	21	20	26	22	12	-0.99	-45.5
LEHIGH	57	48	45	48	31	-4.85	-35.4
LUZERNE	58	55	52	50	45	-3.08	-10.0
LYCOMING	19	28	25	26	22	0.19	-15.4
McKEAN	13	11	10	15	12	0.23	-20.0
MERCER	13	29	24	24	27	1.38	12.5
MIFFLIN	11	16	14	12	8	-0.96	-33.3
MONROE	25	37	28	34	21	-0.98	-38.2
MONTGOMERY	78	93	67	74	57	-6.06	-23.0
MONTOUR	6	4	4	10	3	0.60	-70.0
NORTHAMPTON	24	37	30	39	18	-0.14	-53.8
NORTHUMBERLAND	19	19	26	27	14	0.46	-48.1
PERRY	9	16	18	17	21	2.23	23.5
PIKE	8	12	12	9	8	-0.38	-11.1
POTTER	4	3	3	4	2	-0.23	-50.0
SCHUYLKILL	36	38	31	39	34	-0.27	-12.8
SNYDER	19	13	12	16	12	-1.21	-25.0
SOMERSET	15	22	26	25	16	0.55	-36.0
SULLIVAN	5	3	3	2	4	-0.29	100.0
SUSQUEHANNA	15	15	13	13	10	1.15	-23.1
TIOGA	25	16	13	9	13	-3.39	44.4
UNION	5	12	14	11	8	0.00	-27.3
VENANGO	19	10	22	10	10	-1.76	0.0
WARREN	13	16	9	26	7	1.76	-73.1
WASHINGTON	40	40	39	30	34	-2.11	13.3
WAYNE	11	7	19	9	12	0.24	33.3
WESTMORELAND	73	74	58	70	50	-4.64	-28.6
WYOMING	10	15	12	7	14	0.14	100.0
YORK	55	44	56	53	46	-0.97	-13.2
PHILADELPHIA	118	121	151	167	169	14.61	1.2
TOTAL	1,928	2,006	1,932	1,878	1,646	-0.98	-10.9

1990 FATALITIES BY VEHICLE TYPE

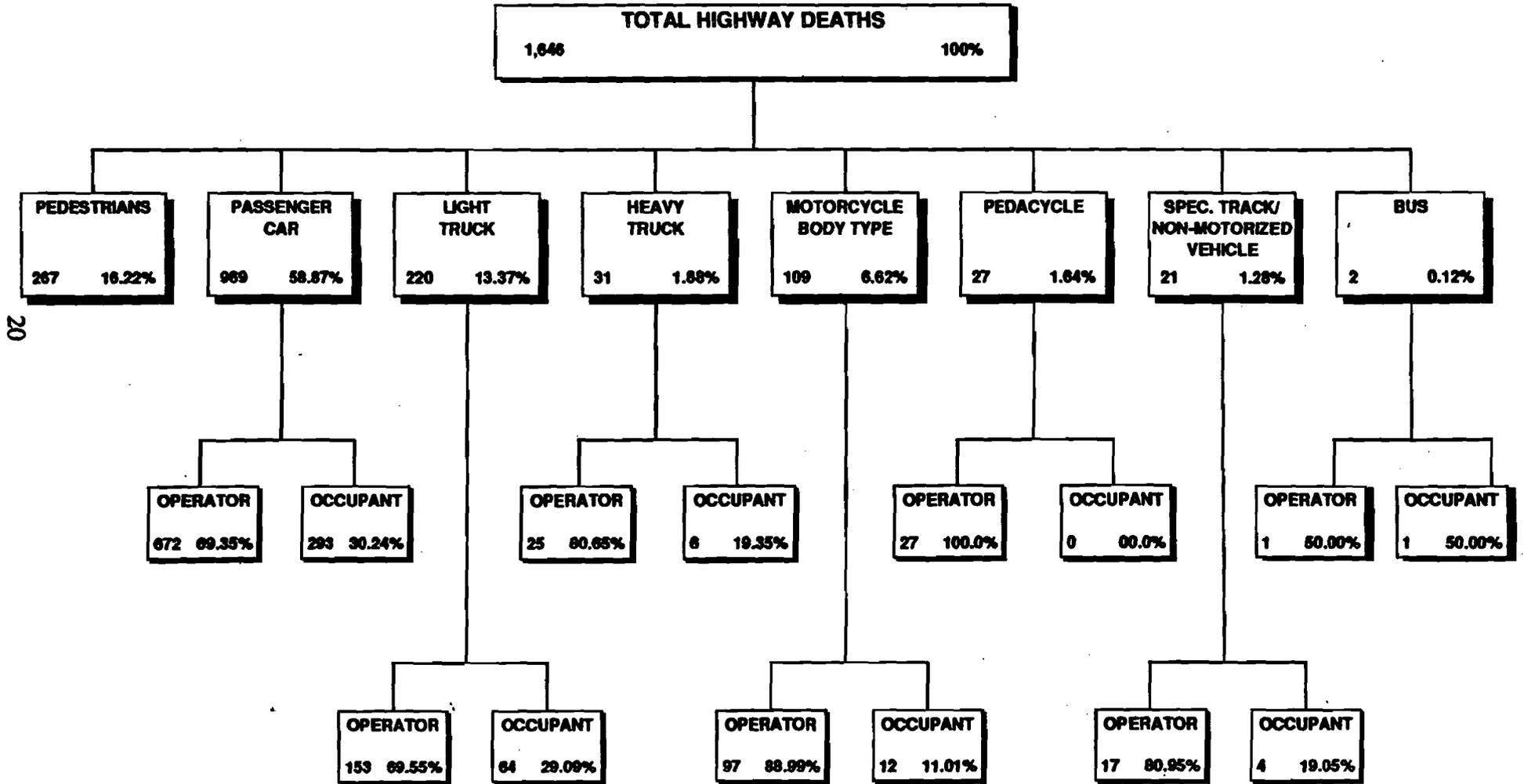
COUNTY	AUTO-MOBILE	MOTOR-CYCLE	LIGHT TRUCK	HEAVY TRUCK	OTHER	TOTAL
ADAMS	5	3	5	.	1	14
ALLEGHENY	79	7	7	.	3	96
ARMSTRONG	12	2	3	1	1	19
BEAVER	18	1	1	1	.	21
BEDFORD	9	4	7	2	.	22
BERKS	36	1	10	2	3	52
BLAIR	16	2	3	.	2	23
BRADFORD	6	3	4	.	1	14
BUCKS	41	5	11	.	4	61
BUTLER	23	4	4	1	2	34
CAMBRIA	6	2	5	1	1	15
CAMERON	.	.	.	.	.	.
CARBON	7	.	4	1	.	12
CENTRE	14	.	1	1	2	18
CHESTER	40	3	8	2	1	54
CLARION	4	1	4	.	2	11
CLEARFIELD	14	1	4	.	.	19
CLINTON	8	.	8	2	2	20
COLUMBIA	13	2	2	.	1	18
CRAWFORD	10	2	3	1	.	16
CUMBERLAND	23	2	2	2	.	29
DAUPHIN	19	2	8	1	.	30
DELAWARE	32	1	6	.	4	43
ELK	2	1	1	1	.	5
ERIE	26	3	7	2	.	38
FAYETTE	15	3	5	.	.	23
FOREST	.	.	2	.	.	2
FRANKLIN	20	3	4	.	3	30
FULTON	4	.	3	2	.	9
GREENE	9	.	4	.	1	14
HUNTINGDON	8	.	3	.	1	12
INDIANA	11	1	5	.	.	17
JEFFERSON	9	.	3	.	.	12
JUNIATA	2	1	.	.	1	4
LACKAWANNA	20	.	7	3	.	30
LANCASTER	32	7	12	2	3	56
LAWRENCE	11	2	.	.	.	13
LEBANON	7	2	2	1	.	12
LEHIGH	24	2	4	.	1	31
LUZERNE	34	.	10	.	1	45
LYCOMING	17	1	2	1	1	22
McKEAN	10	.	2	.	.	12
MERCER	20	.	5	1	1	27
MIFFLIN	5	2	1	.	.	8
MONROE	13	1	7	.	.	21
MONTGOMERY	42	5	5	3	2	57
MONTOUR	3	.	.	.	.	3
NORTHAMPTON	14	2	2	.	.	18
NORTHUMBERLAND	12	.	2	.	.	14
PERRY	18	.	3	.	.	21
PIKE	5	.	1	2	.	8
POTTER	.	.	2	.	.	2
SCHUYLKILL	25	.	5	3	1	34
SNYDER	10	.	2	.	.	12
SOMERSET	15	.	.	.	1	16
SULLIVAN	.	1	3	.	.	4
SUSQUEHANNA	6	.	3	.	1	10
TIOGA	10	.	2	.	1	13
UNION	7	.	1	.	.	8
VENANGO	6	2	1	1	.	10
WARREN	4	.	.	1	2	7
WASHINGTON	21	2	7	3	1	34
WAYNE	9	1	2	.	.	12
WESTMORELAND	33	7	6	.	4	50
WYOMING	11	.	3	.	.	14
YORK	28	4	11	1	2	46
PHILADELPHIA	119	8	20	3	19	169
TOTAL	1,132	109	280	48	77	1,646



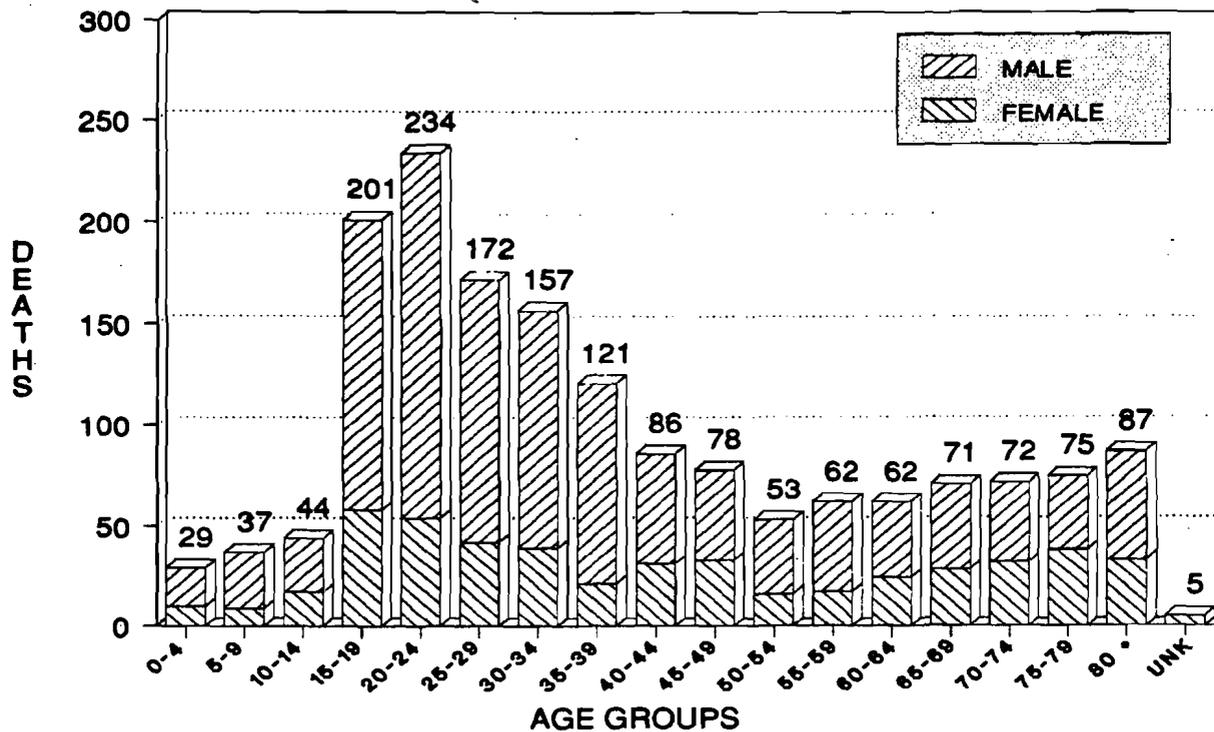
IV. FATALITY AND INJURY CHARACTERISTICS

1990

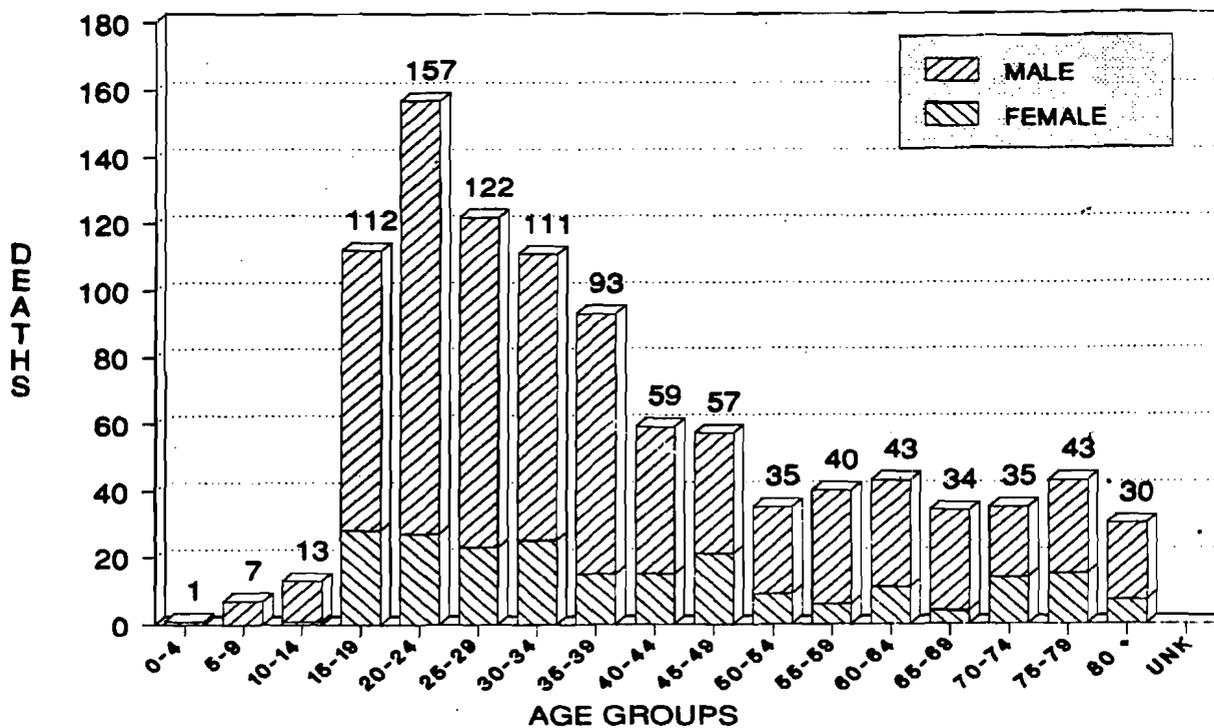
HIGHWAY DEATHS: DISTRIBUTION BY VEHICLE TYPE



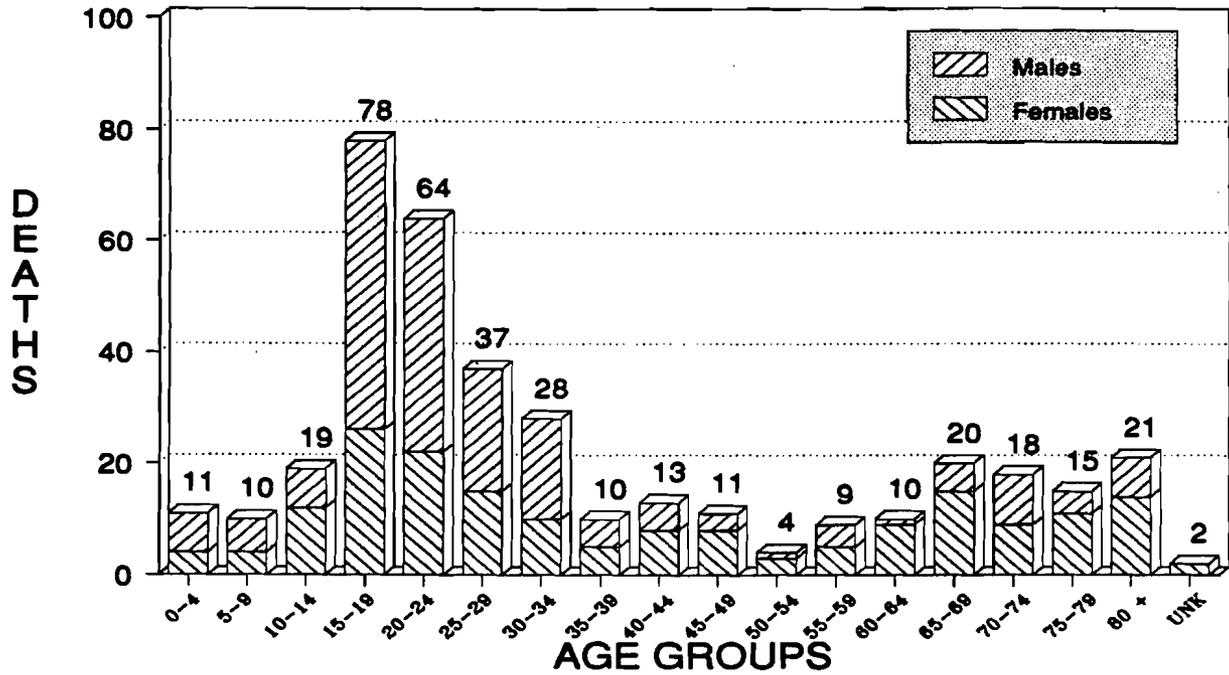
1990 HIGHWAY DEATHS BY AGE AND SEX



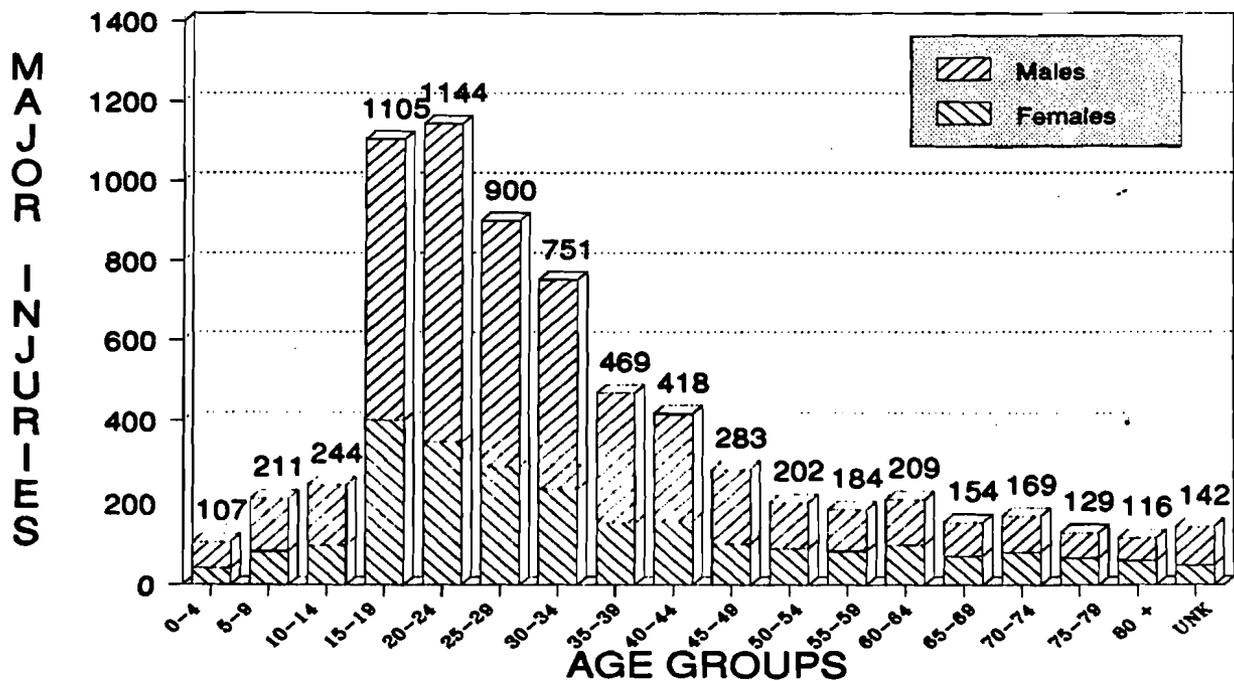
1990 VEHICLE OPERATOR DEATHS BY AGE AND SEX



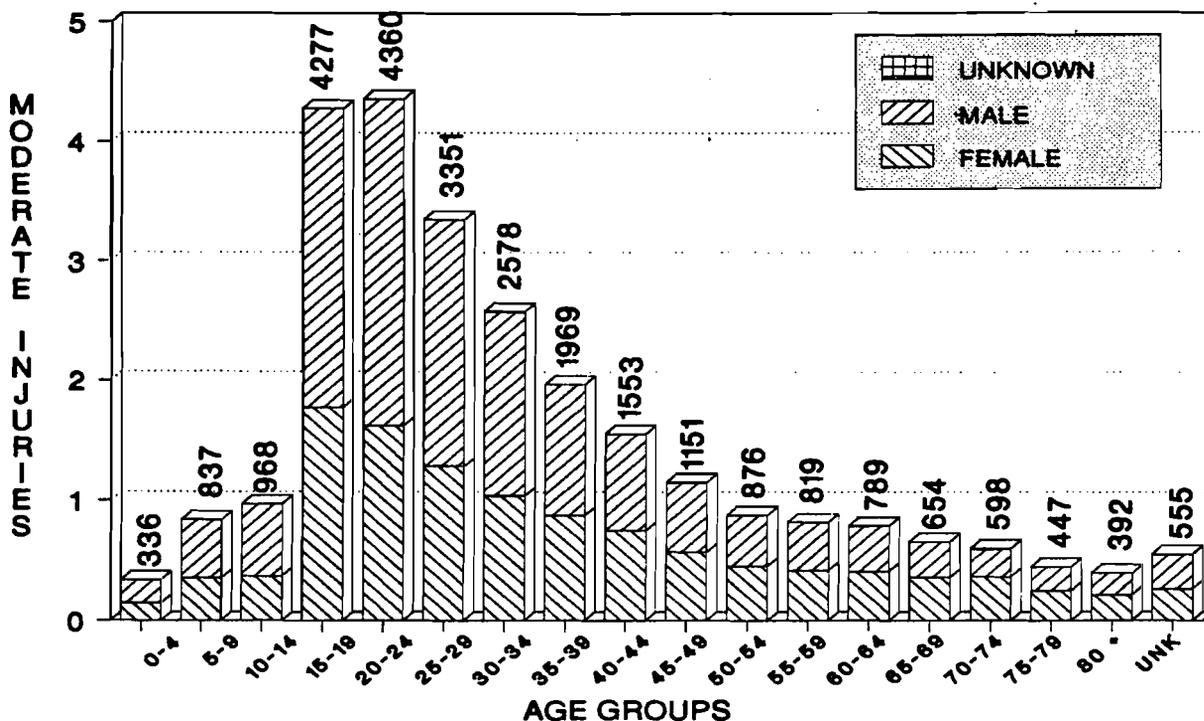
1990 VEHICLE OCCUPANT DEATHS BY AGE AND SEX



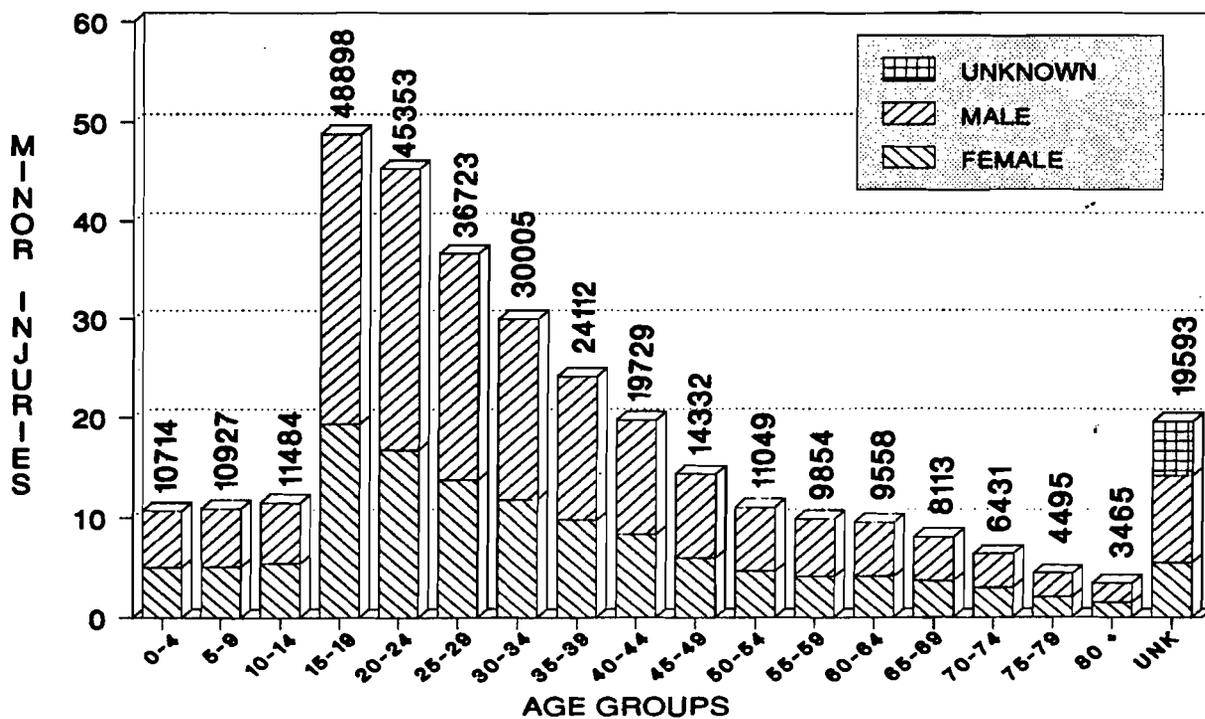
1990 MAJOR INJURIES BY AGE AND SEX

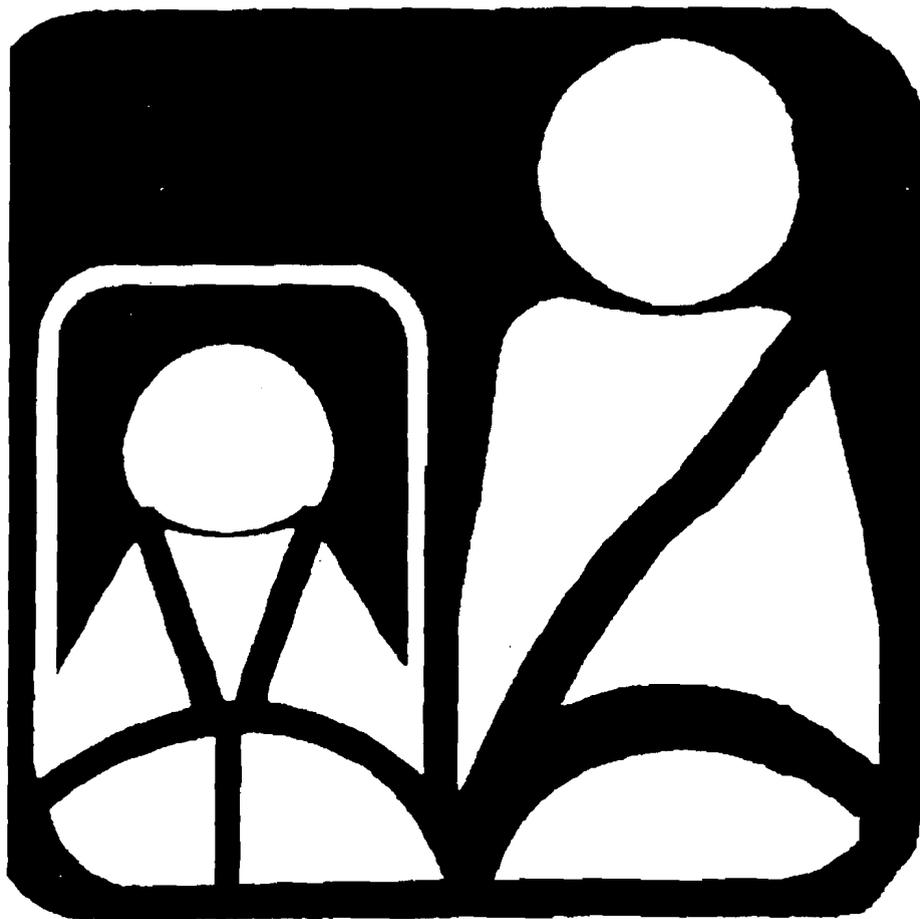


1990 MODERATE INJURIES BY AGE AND SEX



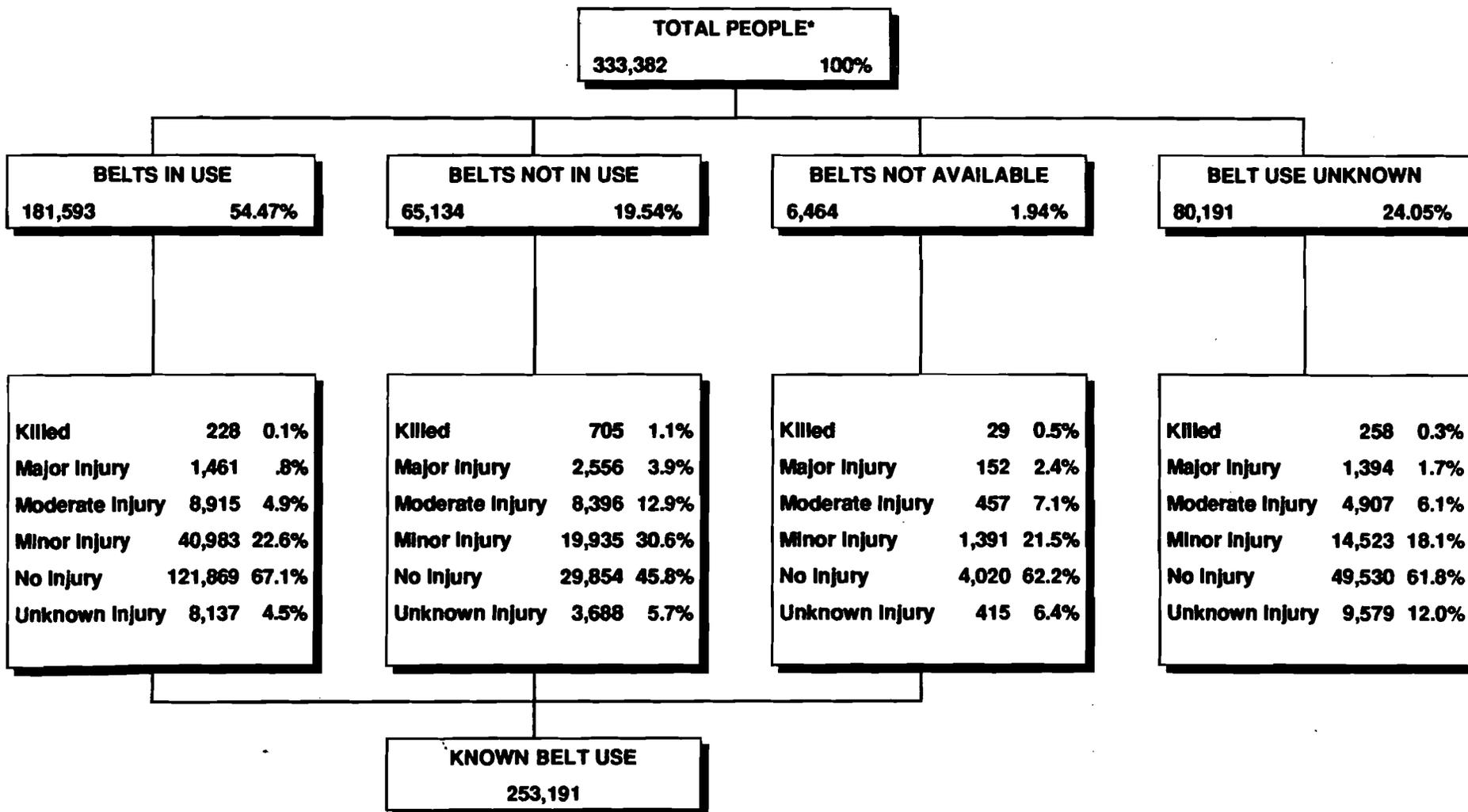
1990 MINOR INJURIES BY AGE AND SEX





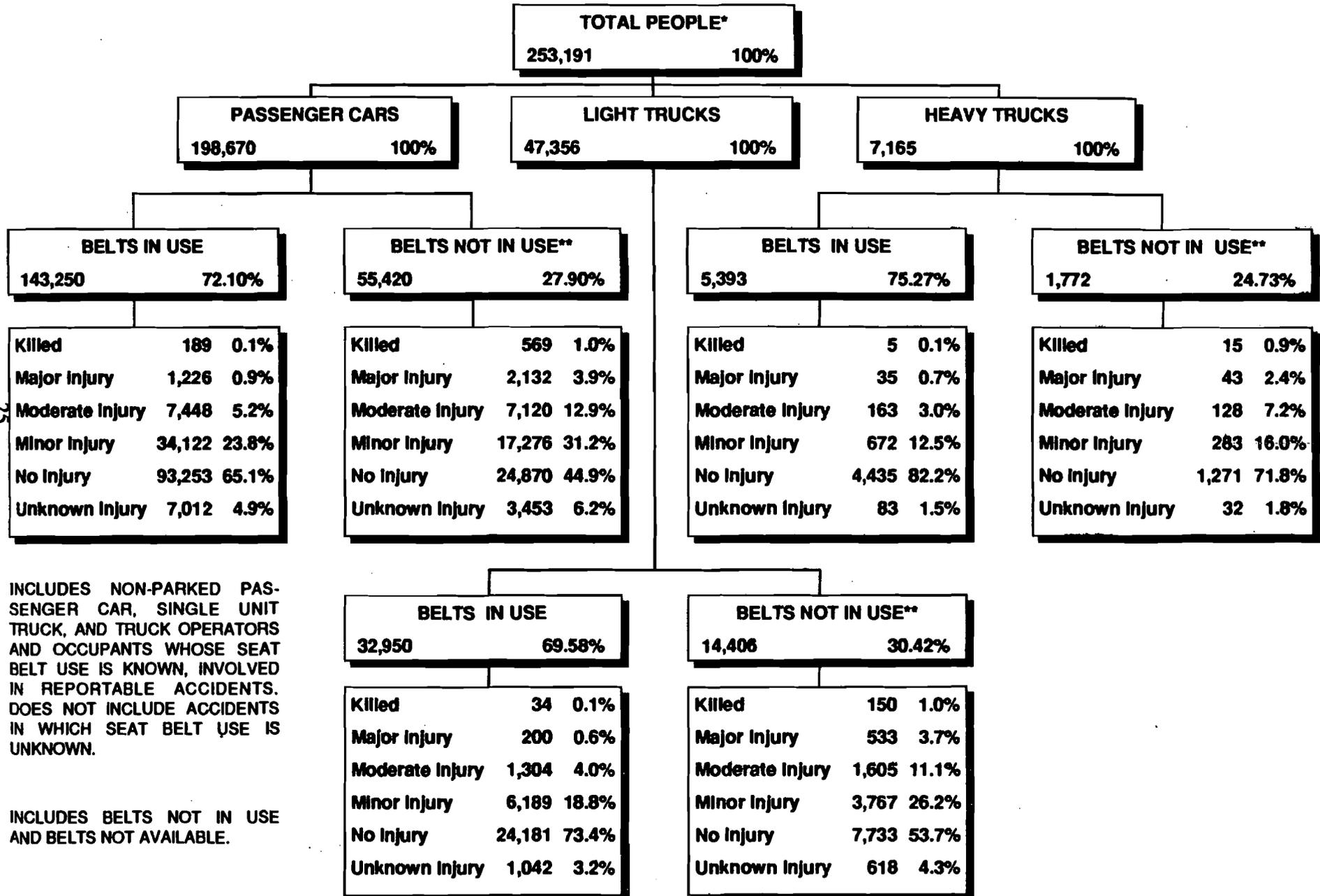
V. SEAT BELT STATISTICS

1990 TOTAL PEOPLE INVOLVED IN ACCIDENTS: DISTRIBUTION BY BELT USAGE



* INCLUDES NON-PARKED PASSENGER CAR, SINGLE UNIT TRUCK, AND TRUCK OPERATORS AND OCCUPANTS IN REPORTABLE ACCIDENTS.

1990 TOTAL PEOPLE INVOLVED IN ACCIDENTS: DISTRIBUTION BY VEHICLE TYPE



* INCLUDES NON-PARKED PASSENGER CAR, SINGLE UNIT TRUCK, AND TRUCK OPERATORS AND OCCUPANTS WHOSE SEAT BELT USE IS KNOWN, INVOLVED IN REPORTABLE ACCIDENTS. DOES NOT INCLUDE ACCIDENTS IN WHICH SEAT BELT USE IS UNKNOWN.

** INCLUDES BELTS NOT IN USE AND BELTS NOT AVAILABLE.

**IMPACT OF 100% BELT USE ON
1990 FATALITIES & INJURIES
(PASSENGER CAR OCCUPANTS ONLY)**

	KILLED	MAJOR INJURY	MODERATE INJURY	MINOR INJURY	NO INJURY	TOTAL PERSONS
NO BELTS	15	73	250	791	2,203	3,332
BELTS USED	187	1,192	7,099	32,119	84,558	125,155
BELTS NOT USED	546	1,952	6,483	15,328	20,477	44,786
USE UNKNOWN	155	708	2,253	6,045	16,401	25,562
TOTAL	903	3,925	16,085	54,283	123,639	198,835
EXPECTED 100% USE	351	2,130	12,170	51,401	132,783	198,835
NET GAIN/LOSS	-552	-1,795	-3,915	-2,882	+9,144	0

THE ESTIMATED ECONOMIC SAVINGS OF 100% BELT USE IN 1990 WOULD HAVE BEEN \$3,552,916,092.00 OR APPROXIMATELY \$299.03 FOR EVERY MAN, WOMAN AND CHILD IN PENNSYLVANIA.

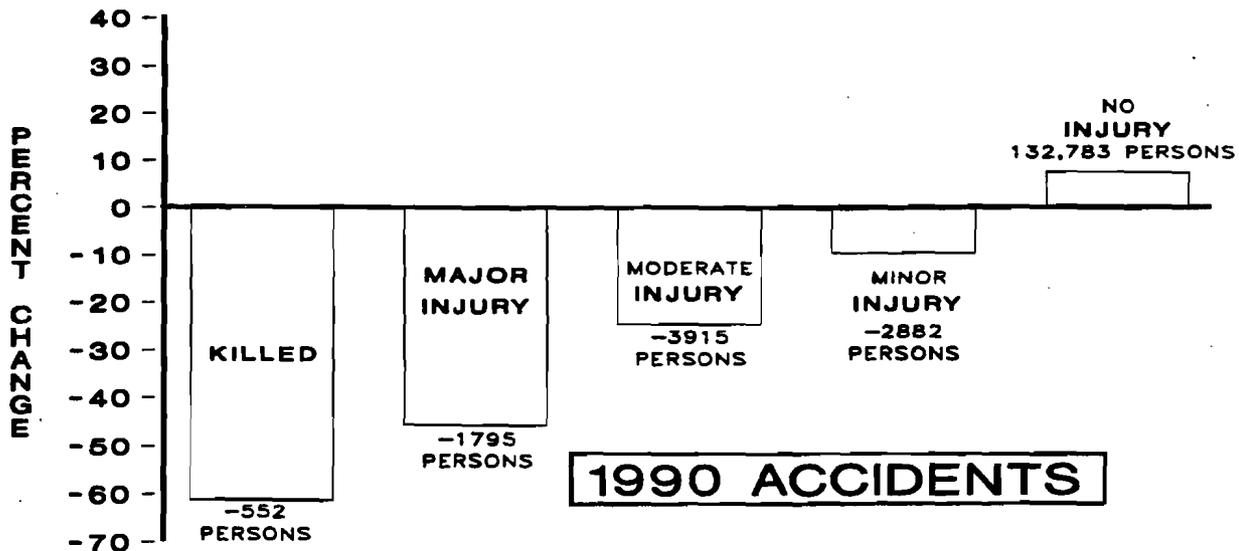
1986 - 1990 PERCENT SEAT BELT USE BY COUNTY

COUNTY	1986 BELT USE	1987 BELT USE	1988 BELT USE	1989 BELT USE	1990 BELT USE	ANNUAL GROWTH RATE	PERCENT CHANGE 89-90
ADAMS	22.9	29.7	56.8	58.2	55.2	8.04	-5.2
ALLEGHENY	22.3	27.2	46.5	47.7	49.5	6.88	3.7
ARMSTRONG	20.3	25.0	55.3	53.0	55.3	8.33	4.3
BEAVER	17.0	20.6	41.2	44.8	42.6	6.69	-4.9
BEDFORD	36.6	45.8	63.1	68.6	67.5	7.97	-1.6
BERKS	20.7	25.9	48.4	49.4	50.7	7.46	2.6
BLAIR	28.9	32.0	58.1	62.9	64.0	9.35	1.8
BRADFORD	29.7	34.5	57.6	63.1	65.0	9.33	2.9
BUCKS	25.0	28.8	47.1	51.4	53.6	7.54	4.2
BUTLER	25.7	30.2	56.3	61.6	61.2	9.36	-0.7
CAMBRIA	16.4	19.4	46.6	56.6	57.2	10.71	1.0
CAMERON	22.6	32.1	42.6	49.7	59.7	9.12	20.2
CARBON	24.1	27.5	52.2	59.1	57.2	8.95	-3.3
CENTRE	35.0	37.8	59.9	66.8	67.0	8.85	0.2
CHESTER	32.4	39.2	57.8	61.8	62.1	7.72	0.5
CLARION	31.1	31.9	59.7	68.5	61.7	9.02	-10.0
CLEARFIELD	25.4	28.9	58.5	63.4	59.1	9.03	-6.8
CLINTON	26.2	31.6	54.3	60.8	59.0	8.74	-3.0
COLUMBIA	24.8	28.5	52.7	58.6	60.1	9.33	2.5
CRAWFORD	25.3	28.2	57.1	56.4	62.6	9.39	11.0
CUMBERLAND	29.9	35.9	59.2	62.0	65.7	9.13	6.0
DAUPHIN	29.8	34.7	58.6	62.1	62.6	8.60	0.8
DELAWARE	22.1	24.7	37.8	39.4	41.1	5.01	4.4
ELK	20.1	25.1	49.8	53.1	56.1	9.10	5.7
ERIE	28.1	32.3	57.1	60.0	61.9	8.80	3.1
FAYETTE	21.3	25.5	54.5	57.2	54.4	8.49	-4.9
FOREST	31.3	38.3	64.5	59.4	65.7	8.19	10.6
FRANKLIN	22.7	26.8	53.0	54.4	55.8	8.37	2.6
FULTON	32.2	37.6	62.3	65.4	63.8	8.38	-2.4
GRIENE	21.0	25.3	60.6	66.2	71.0	12.57	7.2
HUNTINGDON	22.4	27.8	53.8	56.3	60.2	9.47	6.9
INDIANA	28.7	33.7	62.6	67.9	68.6	10.43	1.0
JEFFERSON	25.1	30.9	58.4	62.7	64.6	10.07	3.0
JUNIATA	21.6	25.7	57.4	54.8	64.3	10.27	17.3
LACKAWANNA	18.5	21.6	45.8	47.3	47.9	7.46	1.3
LANCASTER	30.4	36.0	60.8	66.3	67.4	9.72	1.7
LAWRENCE	21.3	20.9	49.1	57.6	54.1	9.13	-6.0
LEBANON	22.3	28.8	57.2	58.6	64.5	9.38	3.2
LEHIGH	32.6	39.5	63.4	66.1	68.0	9.05	2.8
LUZERNE	20.4	25.5	53.0	53.3	54.9	8.45	2.9
LYCOMING	20.7	25.3	59.9	61.7	61.0	9.90	-1.1
McKEAN	19.0	27.3	47.9	53.0	54.2	8.70	2.2
MERCER	20.9	27.5	51.0	57.3	59.3	9.78	3.5
MIFFLIN	20.2	22.4	49.1	55.8	56.9	9.71	2.0
MONROE	34.0	37.8	61.4	63.4	62.9	7.74	-0.8
MONTGOMERY	32.2	37.3	56.7	60.6	61.7	7.79	1.8
MONTOUR	32.6	36.2	63.3	70.6	64.2	8.98	-9.1
NORTHAMPTON	25.2	28.8	55.4	59.4	61.7	9.50	3.8
NORTHUMBERLAND	17.2	21.7	48.7	55.7	54.1	9.49	-2.8
PERRY	29.2	34.8	55.6	59.9	61.9	8.52	3.3
PIKE	45.0	48.8	64.1	62.2	68.4	5.85	9.9
POTTER	18.2	29.1	60.9	64.9	54.2	8.62	-16.5
SCHUYLKILL	22.6	27.1	56.2	58.8	59.6	9.38	1.4
SNYDER	26.9	32.0	62.1	67.8	62.9	9.61	-7.3
SOMERSET	27.5	33.4	54.8	60.2	63.9	9.41	6.1
SULLIVAN	32.5	32.2	65.4	67.6	76.7	11.63	13.4
SUSQUEHANNA	30.9	34.4	55.9	54.9	65.2	8.62	18.8
TIOGA	31.4	30.2	56.6	62.0	65.2	9.38	5.2
UNION	30.4	30.5	60.2	62.8	65.0	9.32	3.4
VENANGO	28.2	33.4	59.9	65.5	60.5	8.76	-7.7
WARREN	29.9	32.8	62.9	68.4	63.3	9.21	-7.5
WASHINGTON	25.2	28.0	57.0	59.2	59.4	8.92	0.3
WAYNE	25.6	28.6	53.3	57.4	62.8	9.71	9.3
WESTMORELAND	27.7	33.0	59.3	61.3	64.2	9.30	4.8
WYOMING	26.9	28.4	56.5	58.1	63.3	9.46	8.9
YORK	29.4	35.6	60.5	64.2	63.5	8.88	-1.1
PHILADELPHIA	12.1	14.7	22.6	21.2	54.5	-3.36	1.4
TOTALS	24.7	29.2	50.9	53.7	54.5	-3.36	1.4

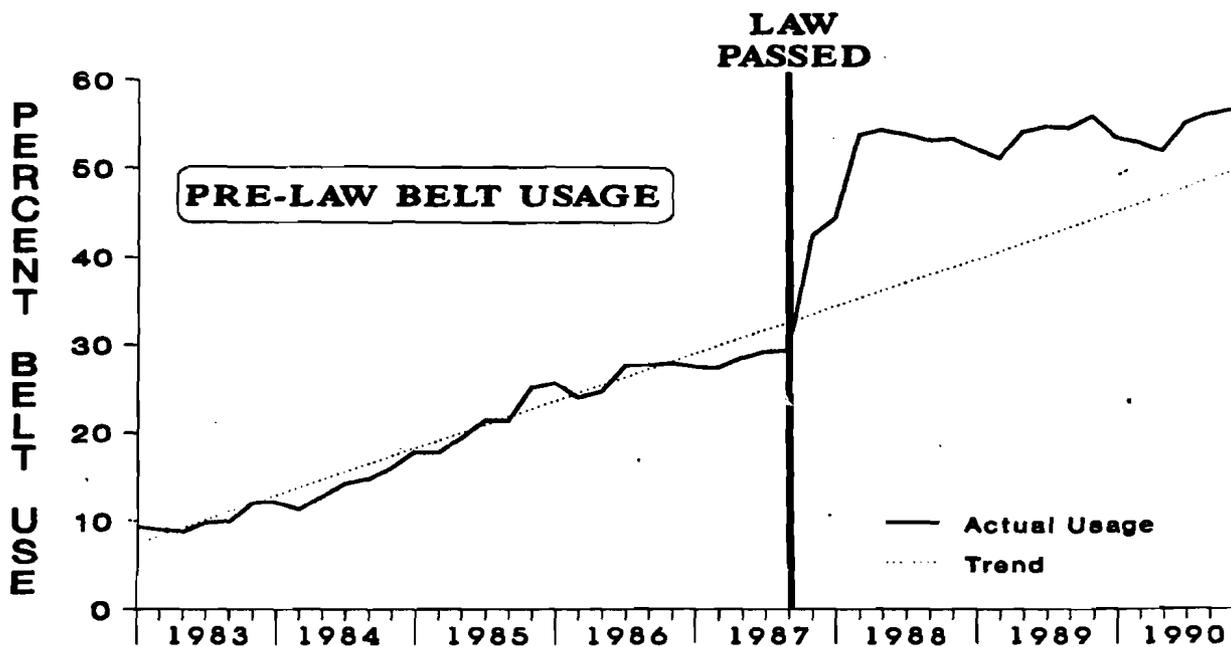


VI. ALCOHOL INVOLVEMENT IN ACCIDENTS

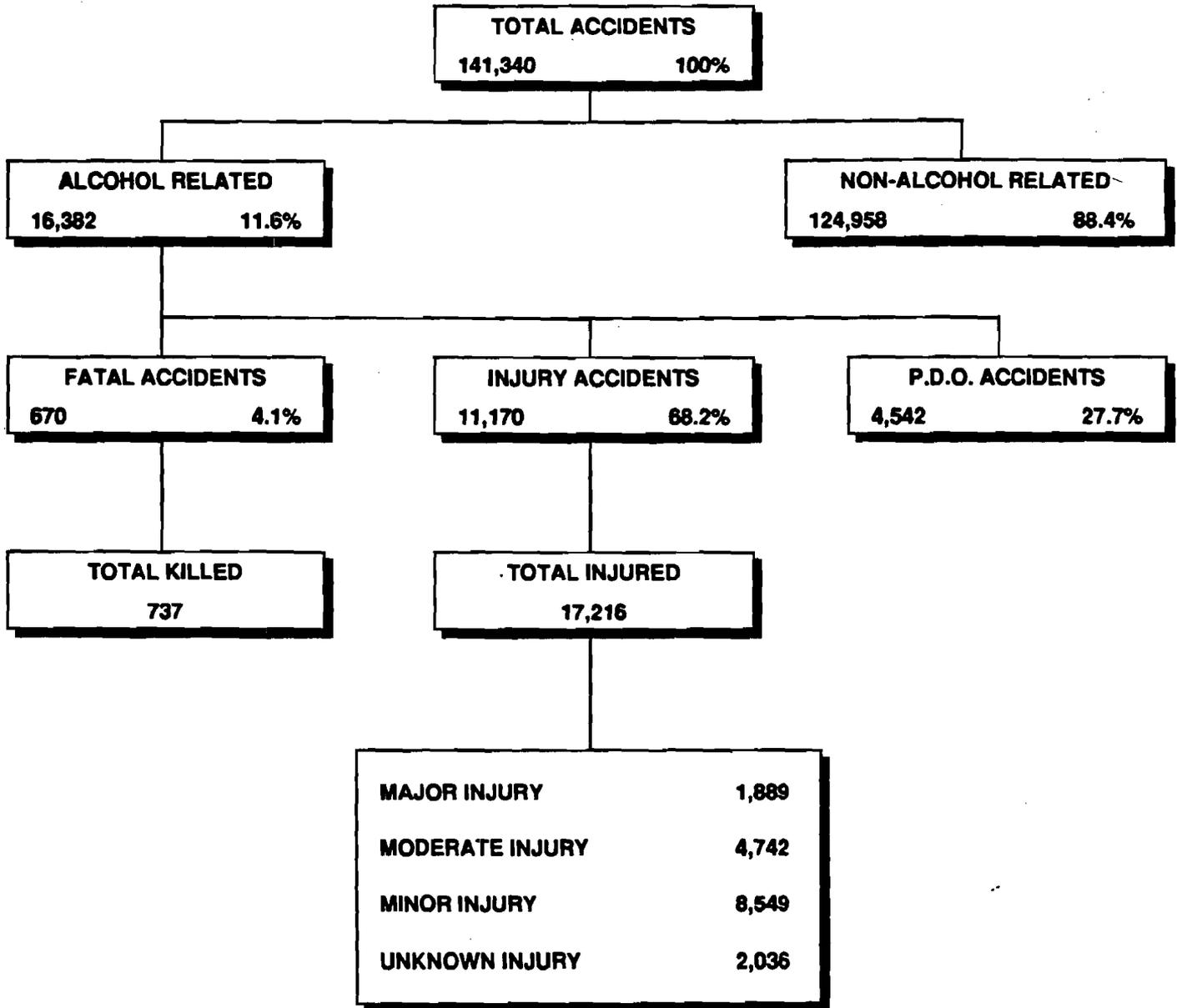
EFFECT OF 100% BELT USE IN PASSENGER CAR ACCIDENTS CHANGE IN INJURY CATEGORIES IF BELTS WERE USED IN ALL CARS



BELT USE IN CAR ACCIDENTS 1983 - 1990



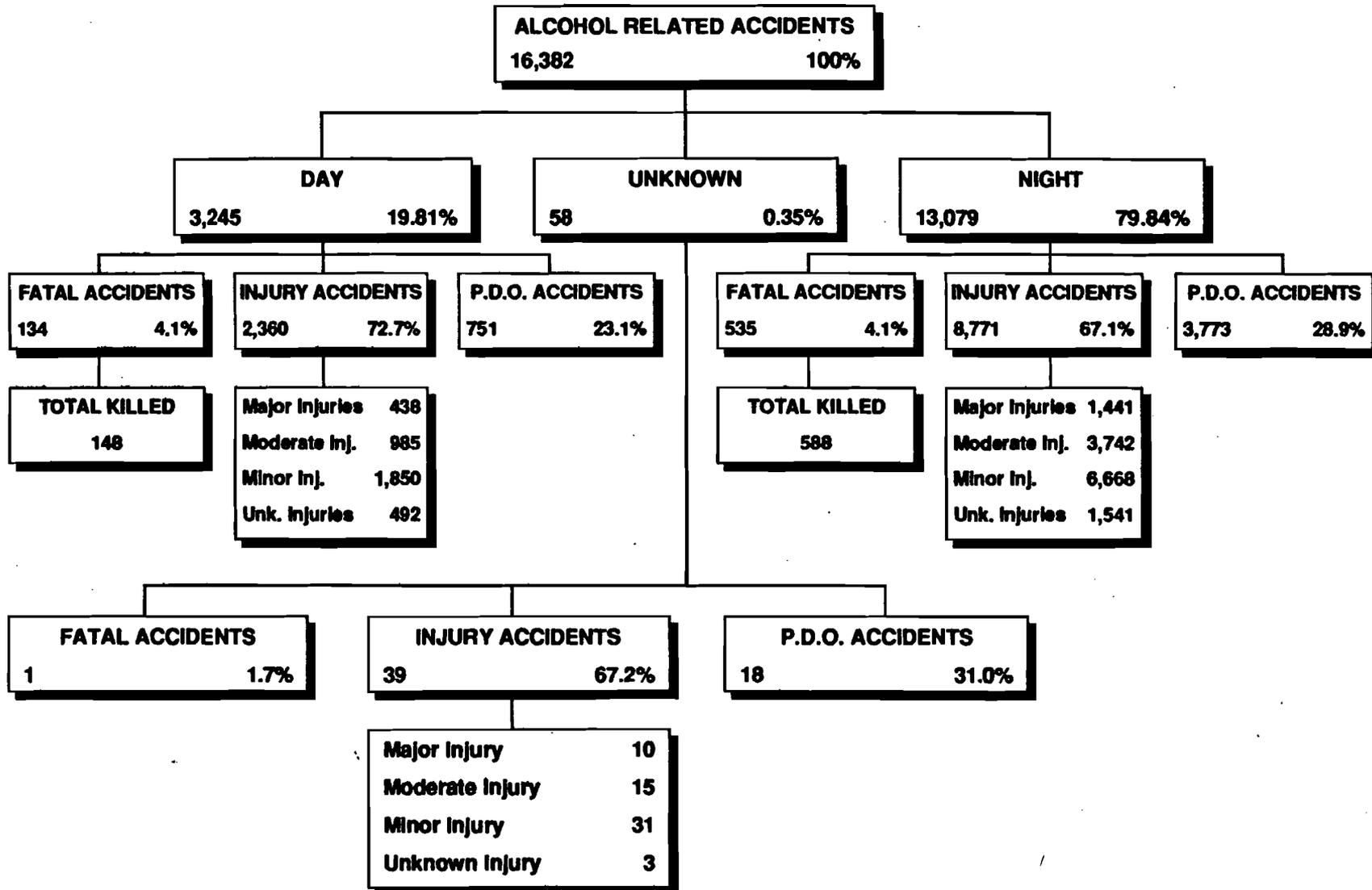
1990 ALCOHOL INVOLVEMENT IN ACCIDENTS: DISTRIBUTION BY ACCIDENT SEVERITY



ECONOMIC LOSS DUE TO ALCOHOL RELATED ACCIDENTS= \$1,599,550,756.00

THE ECONOMIC LOSS TO EVERY MAN, WOMAN, AND CHILD IN PENNSYLVANIA DUE TO ALCOHOL RELATED ACCIDENTS IN 1990 WAS \$134.62.

1990 ALCOHOL RELATED ACCIDENTS BY ILLUMINATION



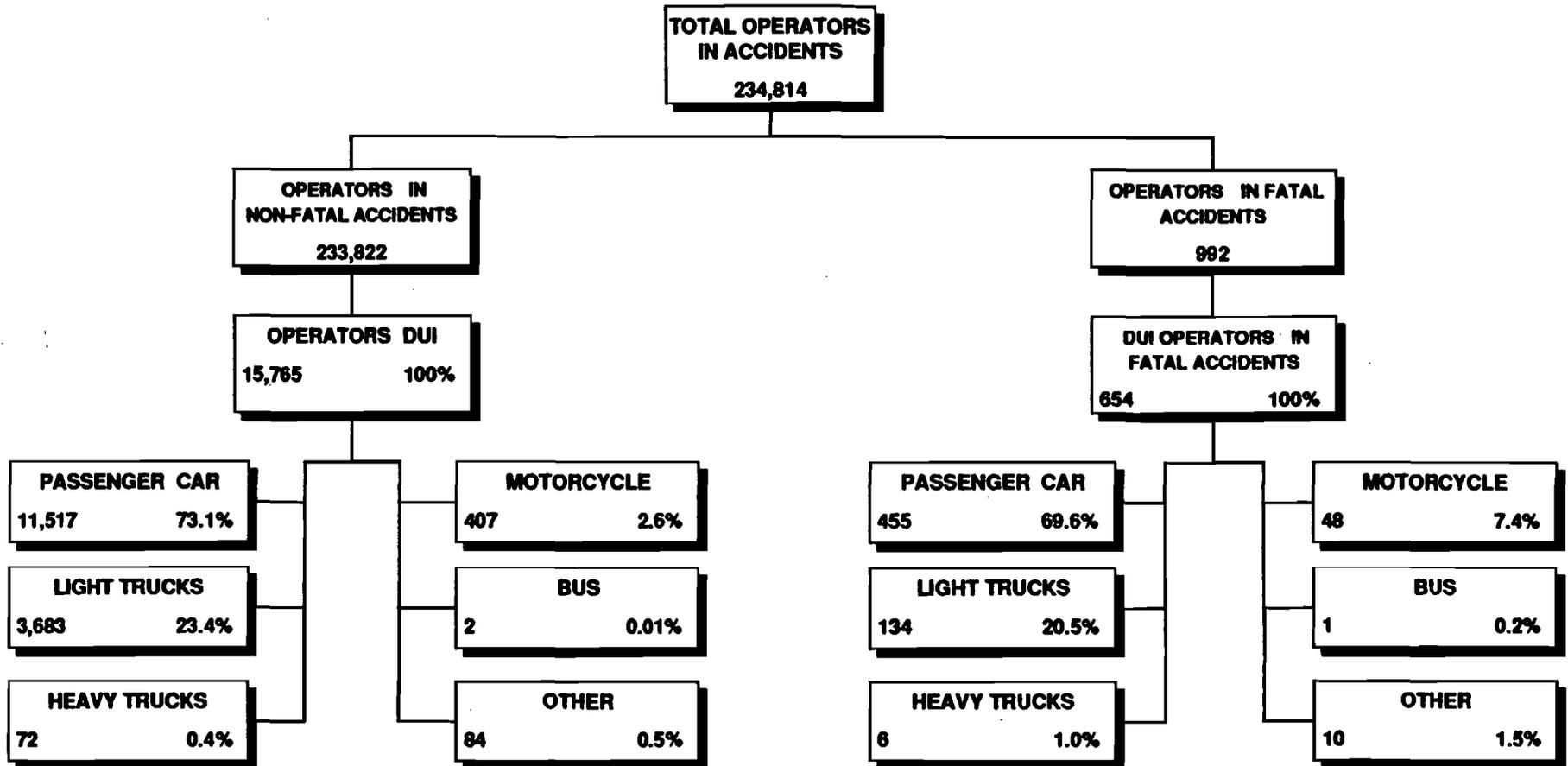
ALCOHOL RELATED ACCIDENT STATISTICS

	1988	1989	1990	PERCENT CHANGE		
				87-88	88-89	89-90
ACCIDENTS	18,637	16,988	16,382	-13.1	-8.8	-3.6
FATAL ACCIDENTS	789	763	670	+2.9	-3.3	-12.2
INJURY ACCIDENTS	12,764	11,593	11,170	-11.1	-9.2	-2.9
P.D.O. ACCIDENTS	5,084	4,632	4,542	-19.4	-8.9	-1.9
NUMBER KILLED	856	825	737	-0.7	-3.6	-10.7
NUMBER INJURED	19,888	18,185	17,216	-9.8	-8.6	-5.3
MAJOR INJURY	2,018	2,033	1,889	+0.5	+0.7	-7.1
MODERATE INJURY	5,303	5,054	4,742	-27.9	-4.7	-6.2
MINOR INJURY	11,695	9,495	8,549	-5.8	-18.8	-10.0
UNKNOWN INJURY	872	1,603	2,036	+240.6	+83.8	+27.0
FATAL ACCIDENTS PER 100,000 LICENSED DRIVERS	10.2	9.8	8.5	+2.0	-3.9	-13.3
INJURY ACCIDENTS PER 100,000 LICENSED DRIVERS	165.1	163.7	142.2	-12.1	-0.8	-13.1
DEATHS PER 100,000 LICENSED DRIVERS	11.1	10.6	9.4	-1.8	-4.5	-11.3
INJURIES PER 100,000 LICENSED DRIVERS	257.2	233.2	219.2	-10.8	-9.3	-6.0

ALCOHOL RELATED ACCIDENTS HISTORICAL DATA

YEAR	FATAL ACCIDENTS	INJURY ACCIDENTS	P.D.O. ACCIDENTS	TOTAL ACCIDENTS	TOTAL KILLED	TOTAL INJURED
1981	823	11,860	6,835	19,518	943	18,522
1982	684	12,508	6,963	20,155	800	19,499
1983	634	12,338	6,457	19,429	720	19,136
1984	625	13,187	6,681	20,493	704	20,179
1985	673	13,219	6,245	20,137	767	20,230
1986	712	14,045	6,787	21,544	789	21,900
1987	767	14,353	6,311	21,431	862	22,044
1988	789	12,764	5,084	18,637	856	19,888
1989	763	11,593	4,632	16,988	825	18,185
1990	670	11,170	4,542	16,382	737	17,050

1990 OPERATOR INVOLVEMENT IN ALCOHOL RELATED ACCIDENTS BY VEHICLE TYPE



IN THE 16,382 ACCIDENTS INVOLVING ALCOHOL, 14,419 OPERATORS HAD BEEN DRINKING.
 IN THE 670 FATAL ACCIDENTS INVOLVING ALCOHOL, 654 OPERATORS HAD BEEN DRINKING.

1990

PERSONS KILLED IN ACCIDENTS INVOLVING DRINKING DRIVERS

TOTAL KILLED
691 100%

AGE	DRINKING DRIVERS	OCCUPANTS WITH DRINKING DRIVER	NON-DRINKING DRIVERS	OCCUPANTS WITH NON-DRINKING DRIVERS	DRINKING PEDESTRIANS	NON-DRINKING PEDESTRIANS	AGE
UNDER 16	0 0.00%	12 8.70%	2 3.77%	6 22.22%	0 0.00%	5 13.51%	UNDER 16
16-20	54 12.71%	39 28.26%	5 9.43%	4 14.81%	0 0.00%	5 13.51%	16-20
21-25	95 22.35%	39 28.26%	5 9.43%	1 3.70%	1 9.09%	2 5.41%	21-25
26-60	253 59.53%	43 31.16%	33 62.26%	13 48.15%	10 90.91%	14 37.84%	26-60
OVER 60	23 5.41%	5 3.62%	8 15.09%	3 11.11%	0 0.00%	11 29.73%	OVER 60
UNKNOWN AGE	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	UNKNOWN AGE
TOTAL	425 61.51%	138 19.97%	53 7.67%	27 3.91%	11 1.59%	37 5.35%	TOTAL

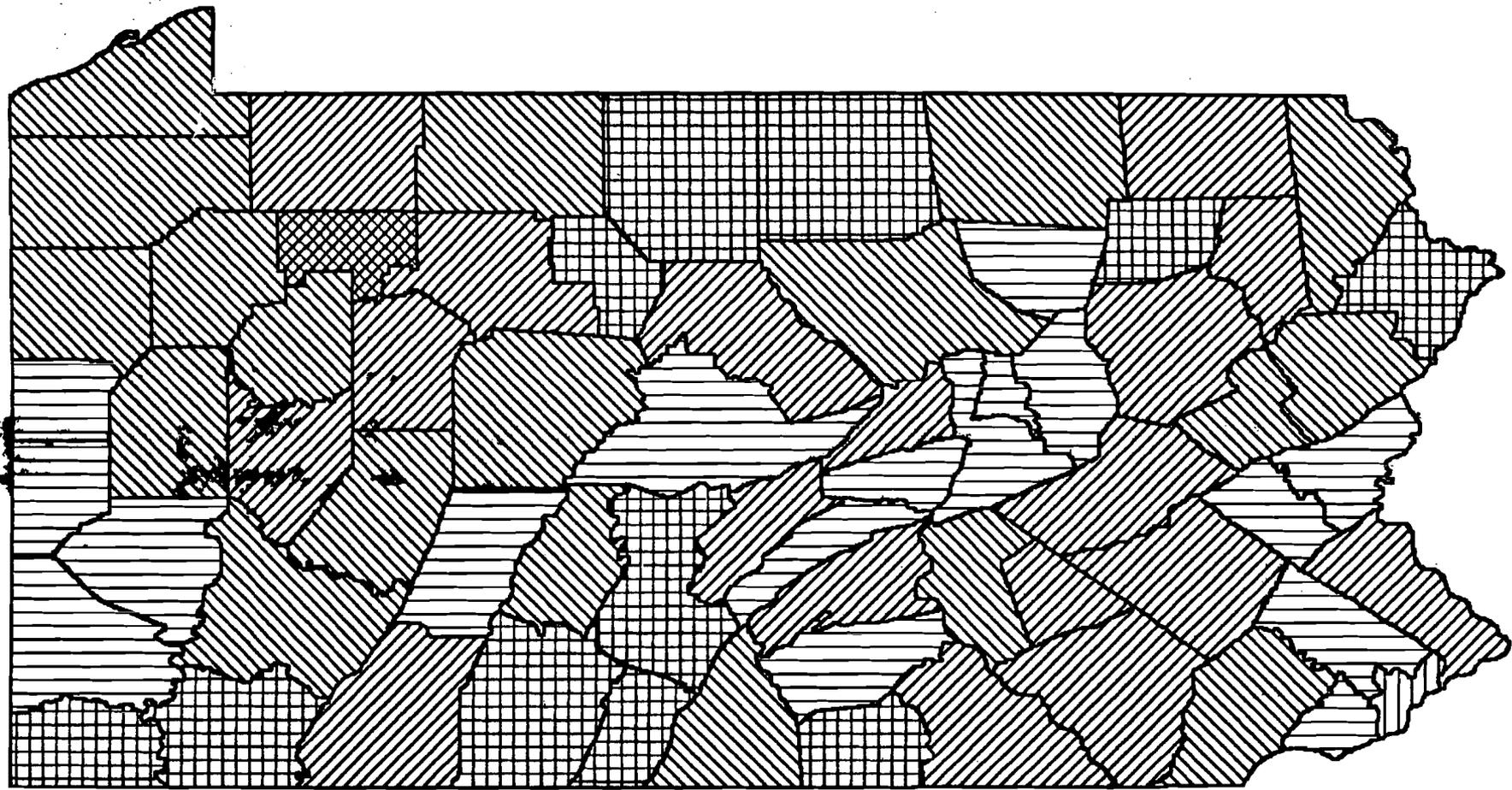
1986-1990
ALCOHOL-RELATED FATALITIES BY COUNTY

COUNTY	1986 FATALITIES	1987 FATALITIES	1988 FATALITIES	1989 FATALITIES	1990 FATALITIES	ANNUAL GROWTH RATE	PERCENT CHANGE 89-90
ADAMS	11	15	11	8	11	-0.72	37.5
ALLEGHENY	50	39	63	52	49	0.86	-5.80
ARMSTRONG	6	9	5	5	11	0.81	120.0
BEAVER	15	9	6	14	7	-1.02	-50.0
BEDFORD	7	11	17	4	12	0.53	200.0
BERKS	22	31	20	34	23	0.77	-34.3
BLAIR	10	12	11	7	13	0.29	85.7
BRADFORD	9	9	5	4	4	-1.54	0.00
BUCKS	44	47	42	33	21	-5.37	-36.4
BUTLER	13	18	16	14	13	-0.50	-7.1
CAMBRIA	12	16	14	12	4	-1.26	-66.7
CAMERON	0	0	2	1	0	-1.00	.
CARBON	8	5	6	3	9	0.24	200.0
CENTRE	7	9	6	11	7	0.31	-36.4
CHESTER	32	35	31	23	21	-3.29	-8.7
CLARION	6	4	2	9	5	0.43	-44.4
CLEARFIELD	5	10	8	15	12	1.76	-20.0
CLINTON	1	6	3	7	13	2.68	85.7
COLUMBIA	6	3	7	8	11	1.45	37.5
CRAWFORD	7	12	10	15	5	0.59	-66.7
CUMBERLAND	23	20	14	6	13	-3.24	116.7
DAUPHIN	14	19	18	23	15	0.73	-34.8
DELAWARE	25	26	22	20	18	-1.87	-14.3
ELK	5	8	9	15	4	-0.79	33.3
ERIE	23	27	23	18	21	-1.22	10.5
FAYETTE	15	22	16	18	17	-0.19	-5.6
FOREST	1	2	0	1	2	0.09	100.0
FRANKLIN	16	8	9	15	14	0.01	-6.7
FULTON	1	3	2	1	4	0.48	300.0
GREENE	3	7	8	10	11	1.69	10.0
HUNTINGDON	2	7	6	2	3	-0.69	50.0
INDIANA	11	10	16	10	7	-0.56	-30.0
JEFFERSON	2	3	6	0	5	0.63	.
JUNIATA	3	2	5	2	2	-0.14	0.0
LACKAWANNA	13	11	21	9	17	0.77	88.9
LANCASTER	32	22	25	32	23	-0.84	-28.1
LAWRENCE	6	5	9	7	7	0.34	0.0
LEBANON	8	3	9	5	2	-0.82	-60.0
LEHIGH	20	24	22	19	12	-1.81	-36.8
LUZERNE	29	19	24	26	23	-0.73	-11.5
LYCOMING	12	14	15	17	14	0.98	-26.3
McKEAN	6	3	5	10	5	0.63	-50.0
MERCER	6	5	8	6	12	1.53	100.0
MIFFLIN	4	7	6	6	3	-0.25	-50.0
MONROE	8	16	18	14	9	-0.27	-35.7
MONTGOMERY	38	35	19	20	20	-5.36	0.0
MONTOUR	0	1	1	4	3	0.75	-25.0
NORTHAMPTON	9	19	17	21	6	-0.57	-71.4
NORTHUMBERLAND	7	6	12	13	9	1.06	-30.8
PERRY	7	8	10	8	6	-0.15	-25.0
PIKE	3	2	3	3	2	-0.09	-33.3
POTTER	2	3	1	2	2	-0.13	0.0
SCHUYLKILL	17	20	14	17	12	-1.24	-29.4
SNYDER	7	10	5	7	3	-0.96	-57.1
SOMERSET	7	7	10	12	5	0.57	-58.3
SULLIVAN	3	2	1	2	1	-0.41	-50.0
SUSQUEHANNA	10	5	9	7	5	-0.91	-28.6
TIOGA	11	9	7	2	11	-0.11	450.0
UNION	2	8	4	4	3	-0.87	-25.0
VENANGO	9	7	13	4	9	-0.06	125.0
WARREN	1	5	4	10	4	1.09	-60.0
WASHINGTON	27	25	17	19	15	-3.04	-21.1
WAYNE	5	5	8	2	6	0.14	200.0
WESTMORELAND	31	32	31	35	28	-0.19	-20.0
WYOMING	5	8	5	5	13	1.72	160.0
YORK	24	20	30	23	23	0.05	0.0
PHILADELPHIA	33	33	42	46	37	3.43	-32.7
TOTALS	817	863	857	825	737	-19.00	-10.7

1986-1990 DUI ARRESTS BY COUNTY

COUNTY	1986 DUI ARRESTS	1987 DUI ARRESTS	1988 DUI ARRESTS	1989 DUI ARRESTS	1990 DUI ARRESTS	ANNUAL GROWTH RATE	PERCENT CHANGE 89-90
ADAMS	167	179	173	283	304	39.44	7.4
ALLEGHENY	4,776	4,493	4,469	4,972	5,193	132.94	4.4
ARMSTRONG	126	122	122	132	174	11.62	31.8
BEAVER	532	504	585	754	681	55.42	-9.7
BEDFORD	76	111	130	170	161	21.89	-5.3
BERKS	466	652	595	659	863	81.79	31.0
BLAIR	354	336	334	462	431	28.75	-6.7
BRADFORD	92	98	94	117	159	16.75	35.9
BUCKS	2,368	2,829	2,983	2,907	3,604	259.82	24.0
BUTLER	509	506	640	714	773	73.62	8.3
CAMBRIA	387	385	380	451	459	21.38	1.8
CAMERON	12	29	24	40	31	4.06	-22.5
CARBON	98	144	179	194	211	25.94	8.8
CENTRE	479	518	521	637	672	51.36	5.5
CHESTER	810	1,116	1,240	1,457	1,706	212.34	17.1
CLARION	130	122	139	151	173	11.78	14.6
CLEARFIELD	159	183	203	251	300	36.22	19.5
CLINTON	92	132	140	155	173	17.68	11.6
COLUMBIA	99	123	152	158	154	13.64	-2.5
CRAWFORD	215	182	185	303	318	33.69	5.0
CUMBERLAND	732	898	956	962	937	44.11	-2.6
DAUPHIN	999	892	813	835	1,041	4.85	24.7
DELAWARE	1,617	1,481	1,508	1,751	2,102	130.80	20.0
ELK	126	147	211	210	222	24.12	5.7
ERIE	809	823	826	850	1,207	92.37	42.0
FAYETTE	226	316	316	290	488	55.57	68.3
FOREST	27	23	35	42	36	3.60	-14.3
FRANKLIN	379	383	397	462	421	16.62	-8.9
FULTON	31	39	35	42	37	1.43	-11.9
GREENE	83	84	108	101	119	8.91	17.8
HUNTINGDON	71	94	85	81	133	12.62	64.2
INDIANA	313	272	273	323	337	9.80	4.3
JEFFERSON	146	176	203	226	206	16.36	-8.8
JUNIATA	36	20	43	45	85	13.69	88.9
LACKAWANNA	437	420	378	481	791	90.54	64.4
LANCASTER	838	939	914	1,213	1,217	104.76	0.3
LAWRENCE	337	422	529	497	546	46.44	9.9
LEBANON	360	468	439	495	400	10.00	-19.2
LEHIGH	729	800	872	1,000	1,066	87.85	6.6
LUZERNE	545	710	765	973	1,226	169.16	26.0
LYCOMING	348	404	572	572	579	59.24	1.2
McKEAN	67	117	134	116	182	22.98	56.9
MERCER	347	325	359	545	572	69.07	5.0
MIFFLIN	189	194	222	196	173	-2.68	-11.7
MONROE	181	198	226	239	315	32.65	31.8
MONTGOMERY	2,479	2,763	2,815	3,063	3,044	140.96	-0.6
MONTOUR	23	26	31	42	54	8.28	28.6
NORTHAMPTON	786	911	1,074	1,188	1,192	106.21	0.3
NORTHUMBERLAND	134	178	186	287	367	61.30	27.9
PERRY	98	109	96	146	146	13.71	0.0
PIKE	15	62	71	81	81	10.06	0.0
POTTER	38	38	25	33	40	-0.02	21.2
SCHUYLKILL	299	364	426	480	532	57.70	10.8
SNYDER	60	67	93	128	132	20.51	3.1
SOMERSET	207	232	232	223	253	8.35	13.5
SULLIVAN	5	4	5	7	3	0.14	-57.1
SUSQUEHANNA	36	38	42	41	61	5.90	48.8
TIOGA	77	144	158	167	168	16.89	0.6
UNION	47	60	64	84	95	12.19	13.1
VENANGO	154	230	311	384	339	48.47	-11.7
WARREN	168	164	158	166	187	4.22	12.7
WASHINGTON	645	679	678	807	960	79.47	19.0
WA YNE	32	35	50	109	115	24.94	5.5
WESTMORELAND	1,025	1,010	1,146	1,401	1,674	176.13	19.5
WYOMING	52	64	50	83	104	13.19	25.3
YORK	1,306	1,219	1,358	1,385	1,457	46.61	5.2
PHILADELPHIA	3,385	2,828	2,653	2,229	2,391	-266.76	7.3
TOTALS	32,991	34,634	36,229	40,048	44,373	2874.11	10.8

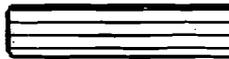
1990 ALCOHOL-RELATED ACCIDENTS PER 1,000 DRIVERS



ACCIDENT RATE



UNDER 1.0



1.0 - 1.99



2.00 - 2.49



2.50 - 2.99

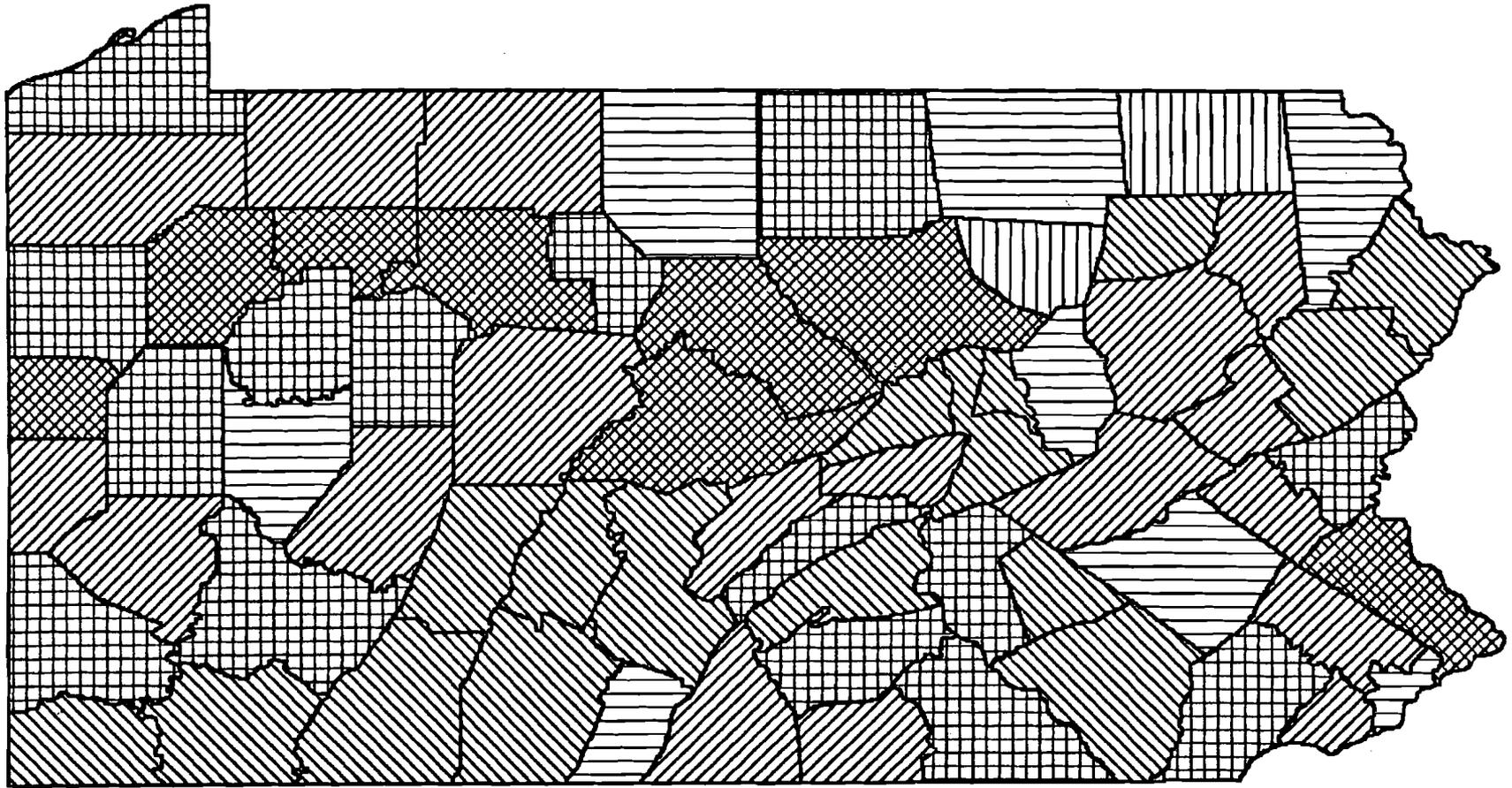


3.0 - 3.99



OVER 5.0

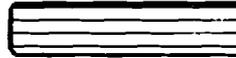
1990 DUI ARRESTS PER 1,000 DRIVERS



ARREST RATE



UNDER 1.0



1.0 - 1.99



2.00 - 2.49



2.50 - 2.99

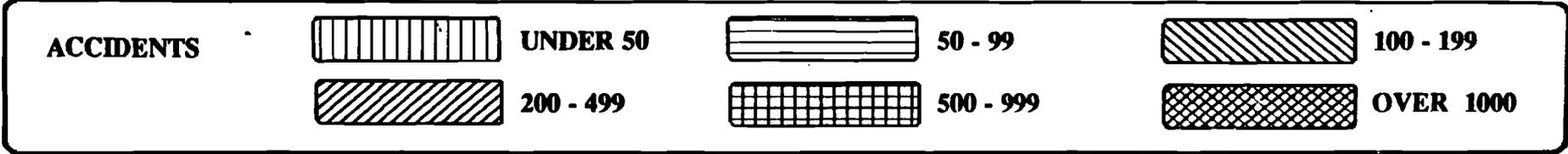
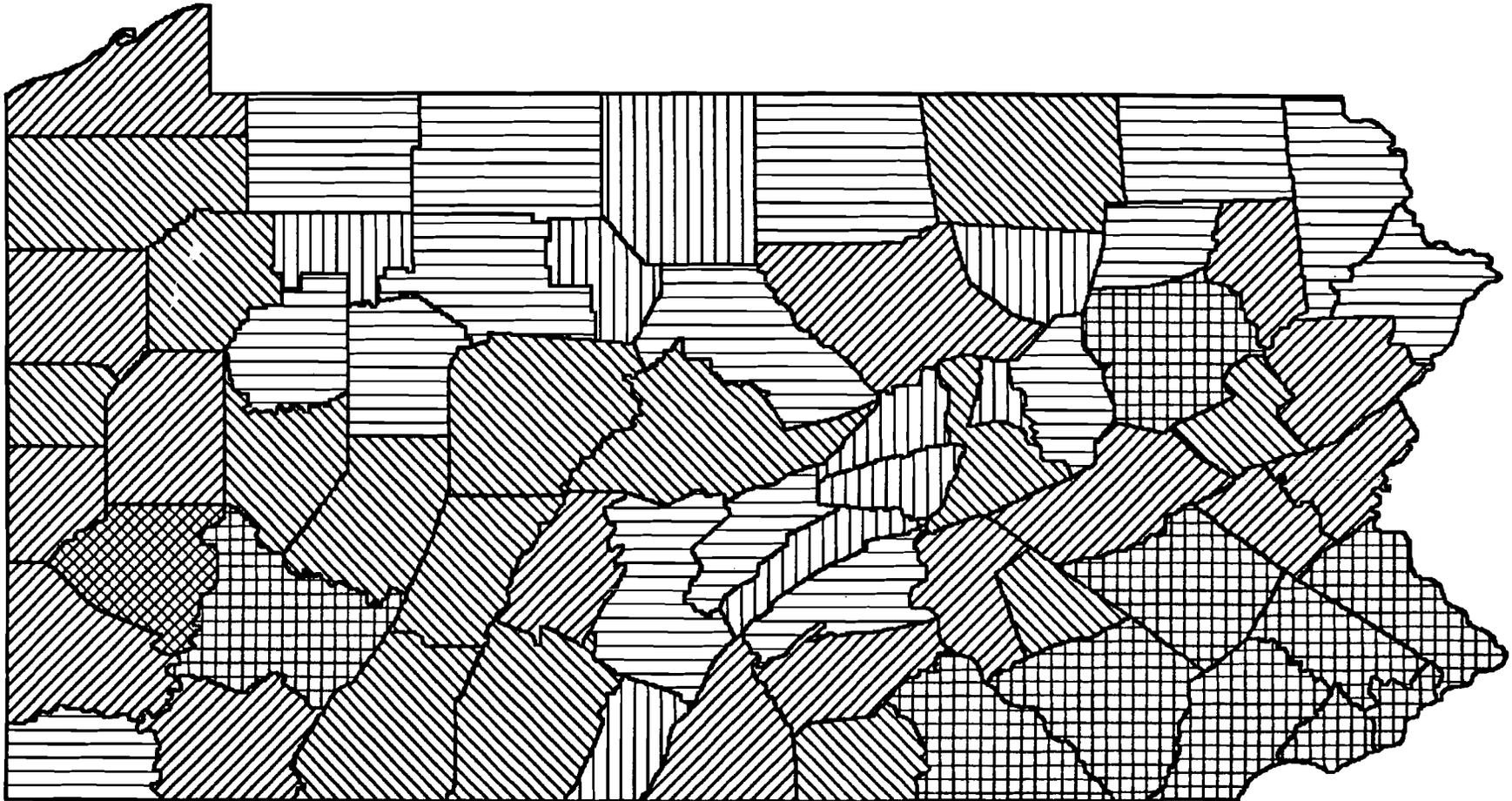


3.0 - 3.99



OVER 5.0

1990 ALCOHOL-RELATED ACCIDENTS



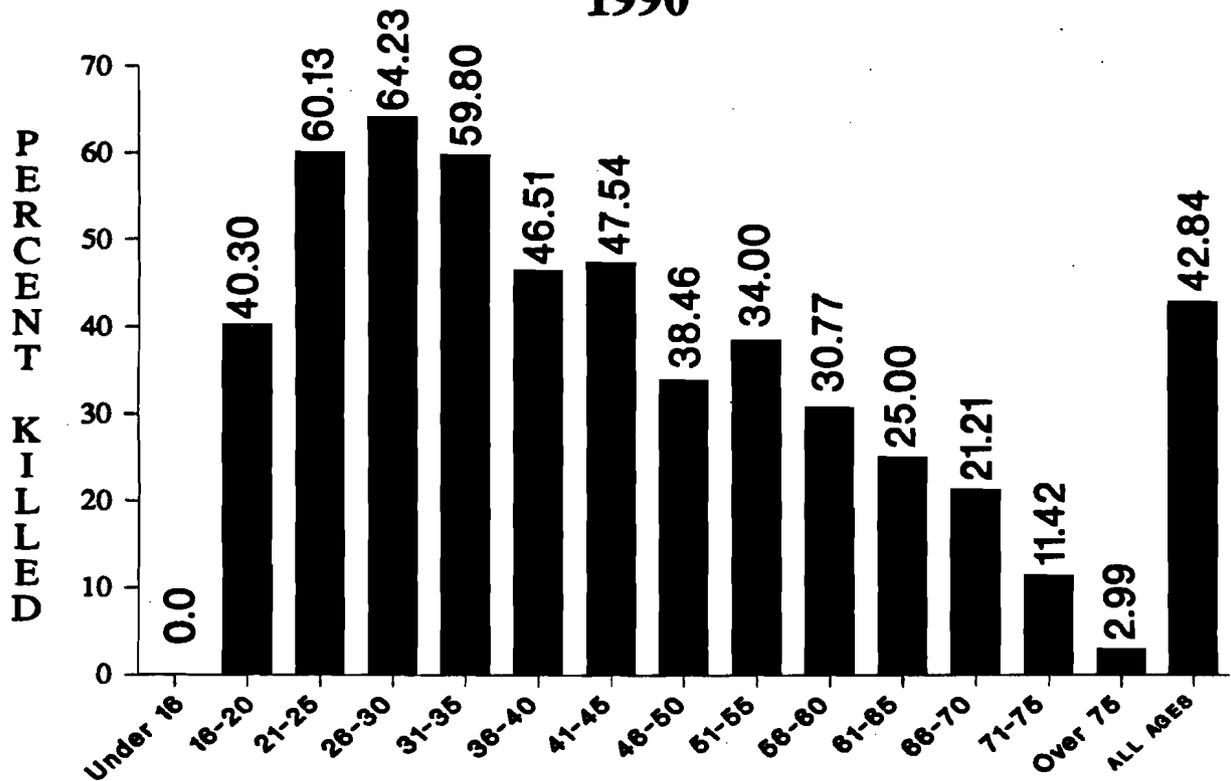
1990 ALCOHOL RELATED ACCIDENTS BY MONTH

MONTH	TOTAL ACCIDENTS		FATAL ACCIDENTS		FATALITIES	
	TOTAL	ME.A.D*	TOTAL	ME.A.D*	TOTAL	ME.F.D.**
JANUARY	1,237	39.90	45	1.45	46	1.48
FEBRUARY	1,258	44.93	51	1.82	62	2.21
MARCH	1,420	45.81	53	1.71	56	1.81
APRIL	1,271	42.37	59	1.97	66	2.20
MAY	1,438	46.39	45	1.45	46	1.48
JUNE	1,414	47.13	50	1.67	61	2.03
JULY	1,393	44.94	54	1.74	58	1.87
AUGUST	1,453	46.87	67	2.16	70	2.26
SEPTEMBER	1,417	47.23	72	2.4	87	2.9
OCTOBER	1,378	44.45	64	2.07	69	2.23
NOVEMBER	1,300	43.33	58	1.93	61	2.03
DECEMBER	1,403	45.26	52	1.68	55	1.77
YEAR OVERALL	16,382	44.88	670	1.84	737	2.02

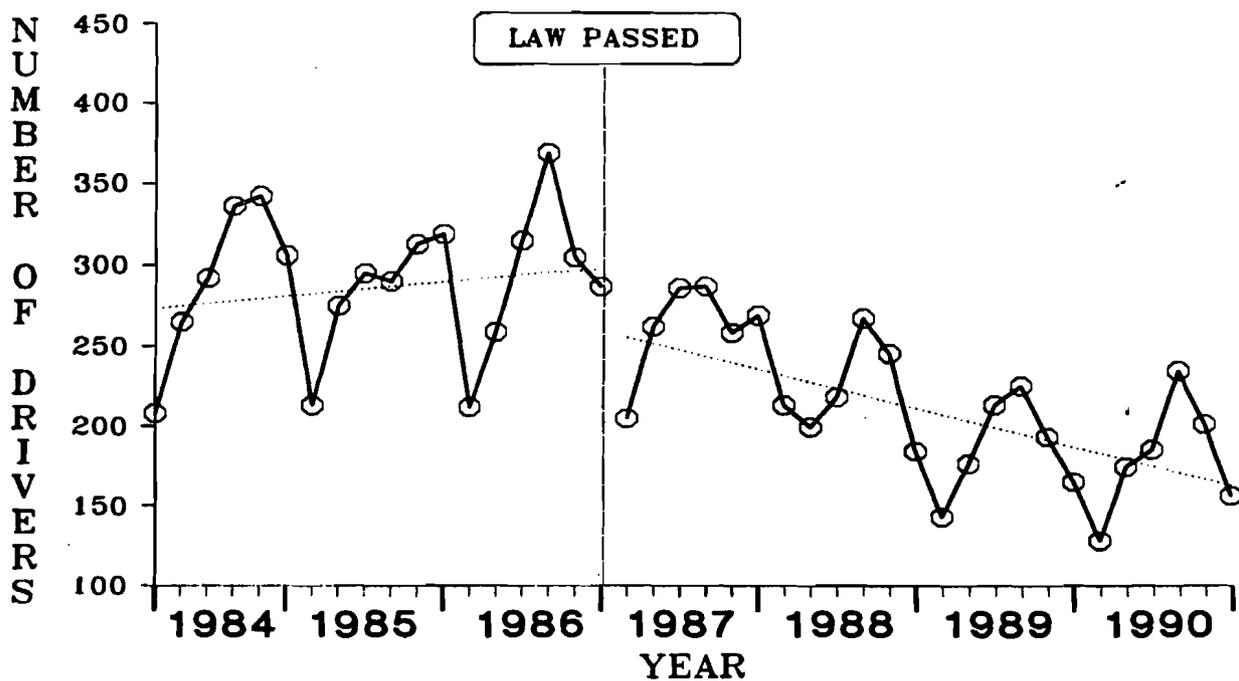
* Mean Accidents Per Day

** Mean Fatalities Per Day

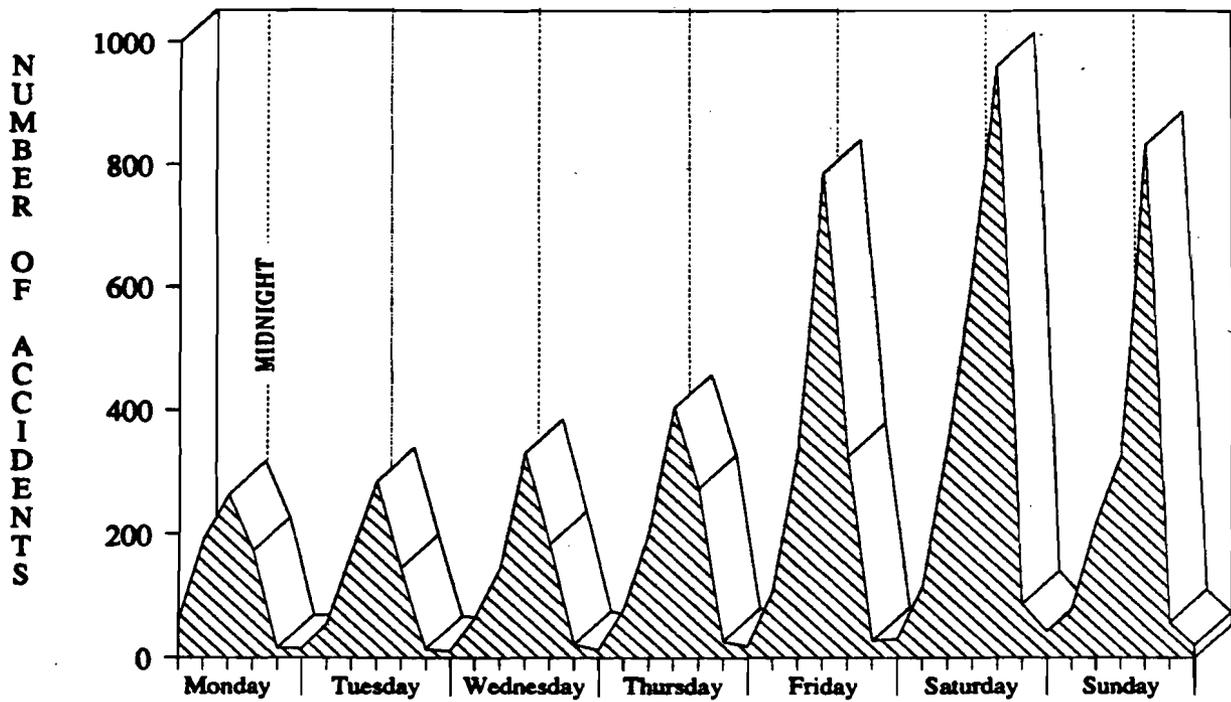
DRIVERS KILLED USING ALCOHOL AS A PERCENTAGE OF TOTAL DRIVER DEATHS 1990



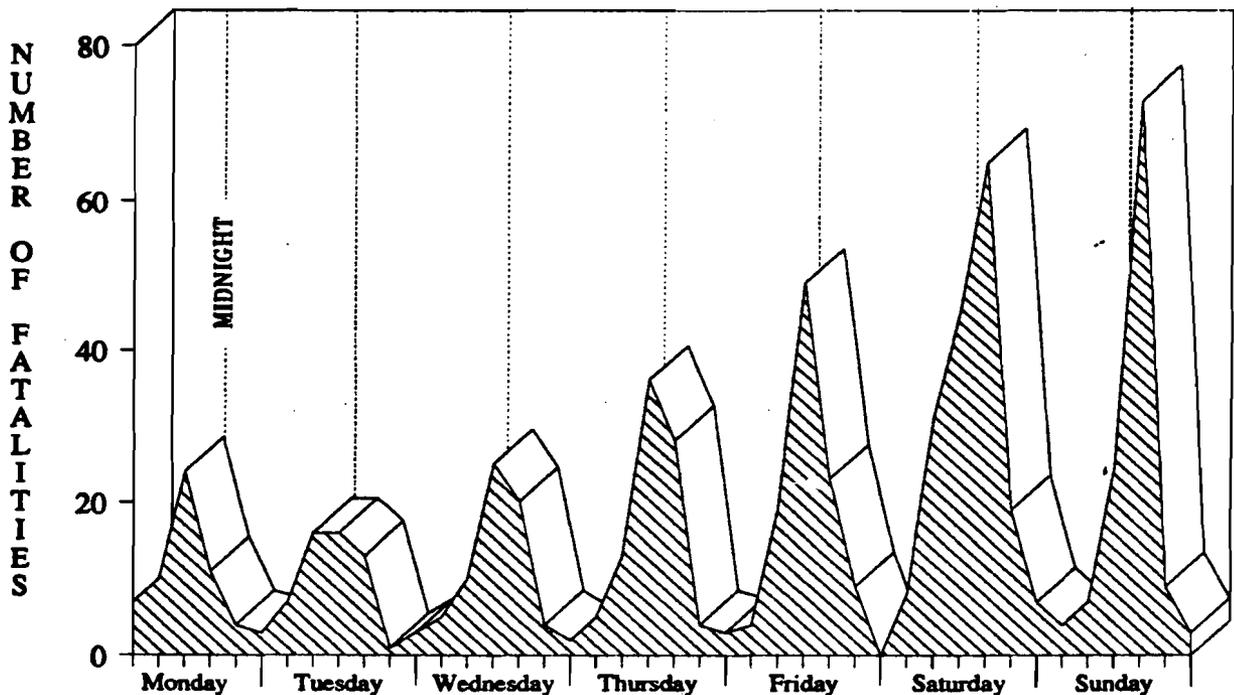
UNDERAGE DRINKING DRIVERS IN PENNSYLVANIA ACCIDENTS 1984 -1990



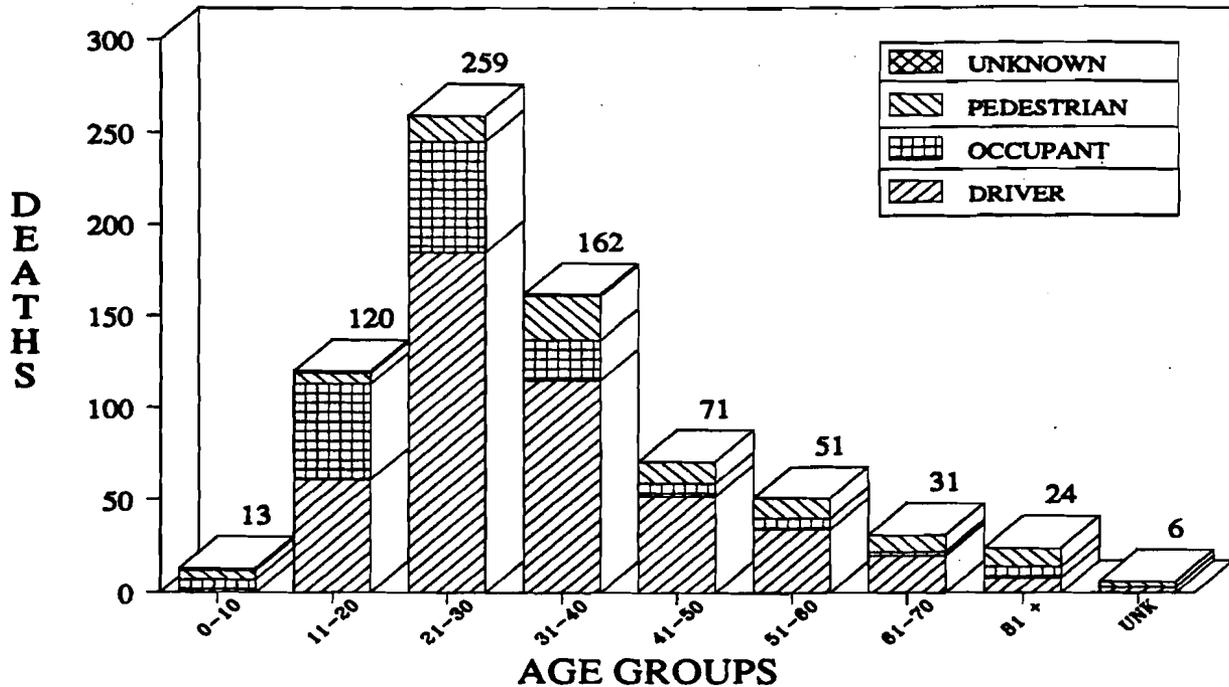
1990 ALCOHOL-RELATED ACCIDENTS TIME BY DAY OF WEEK



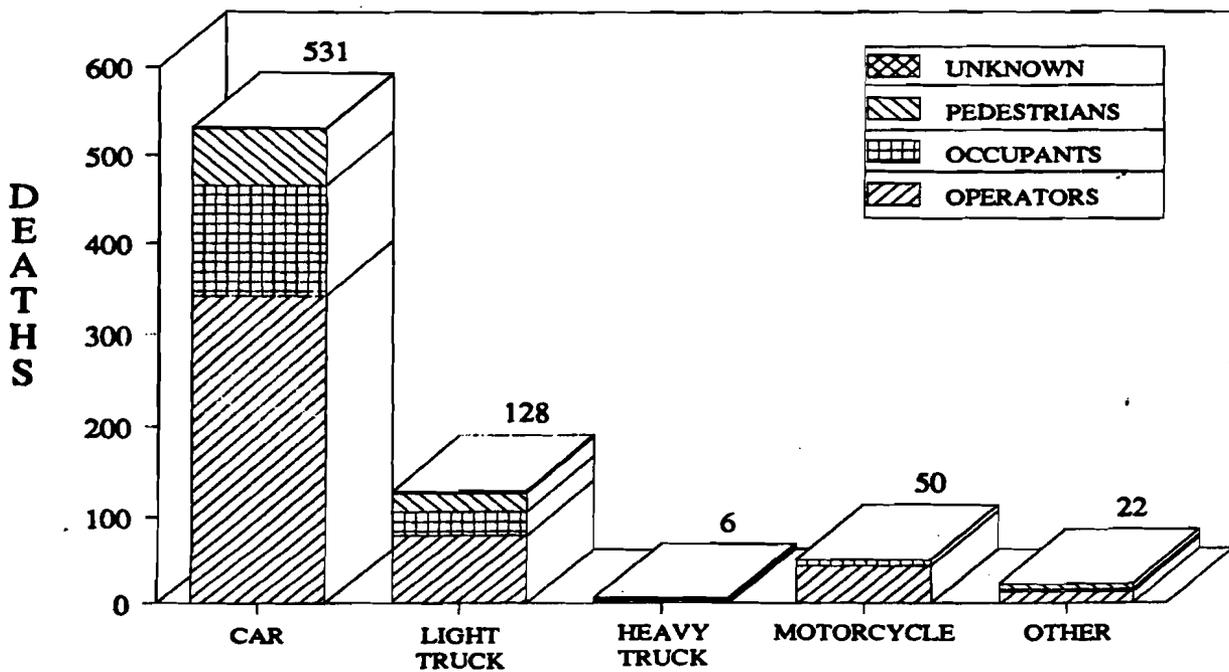
1990 ALCOHOL-RELATED FATAL ACCIDENTS TIME BY DAY OF WEEK



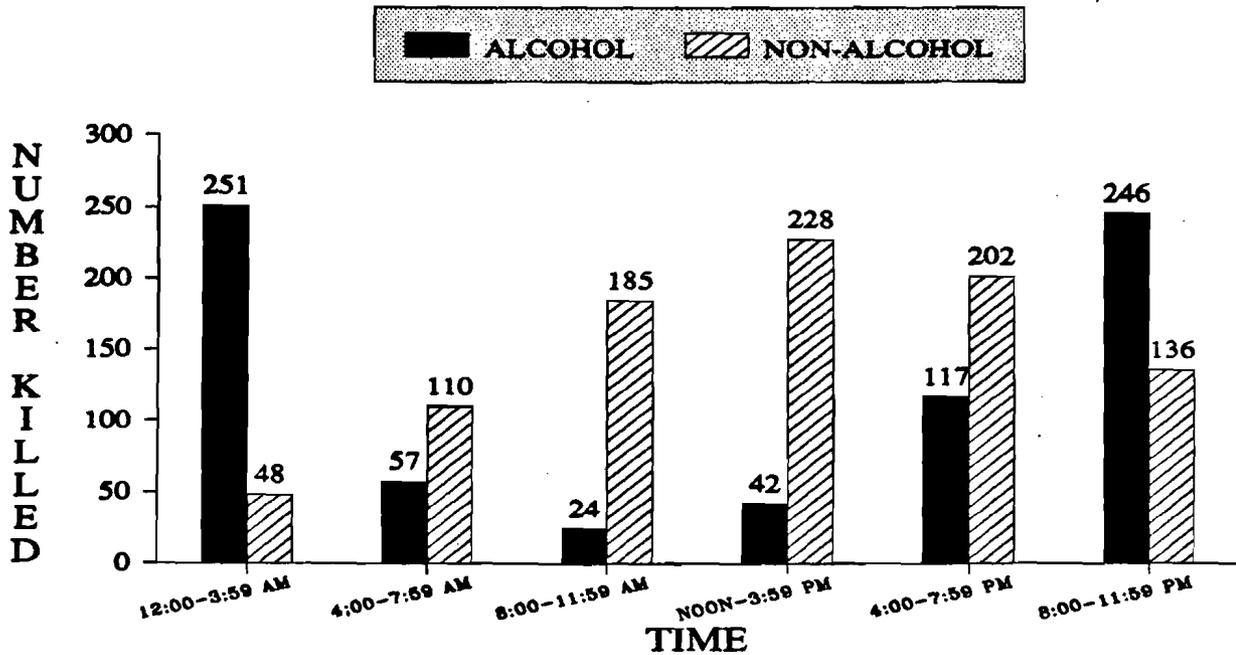
VICTIMS OF ALCOHOL-RELATED FATAL ACCIDENTS DISTRIBUTION BY AGE 1990



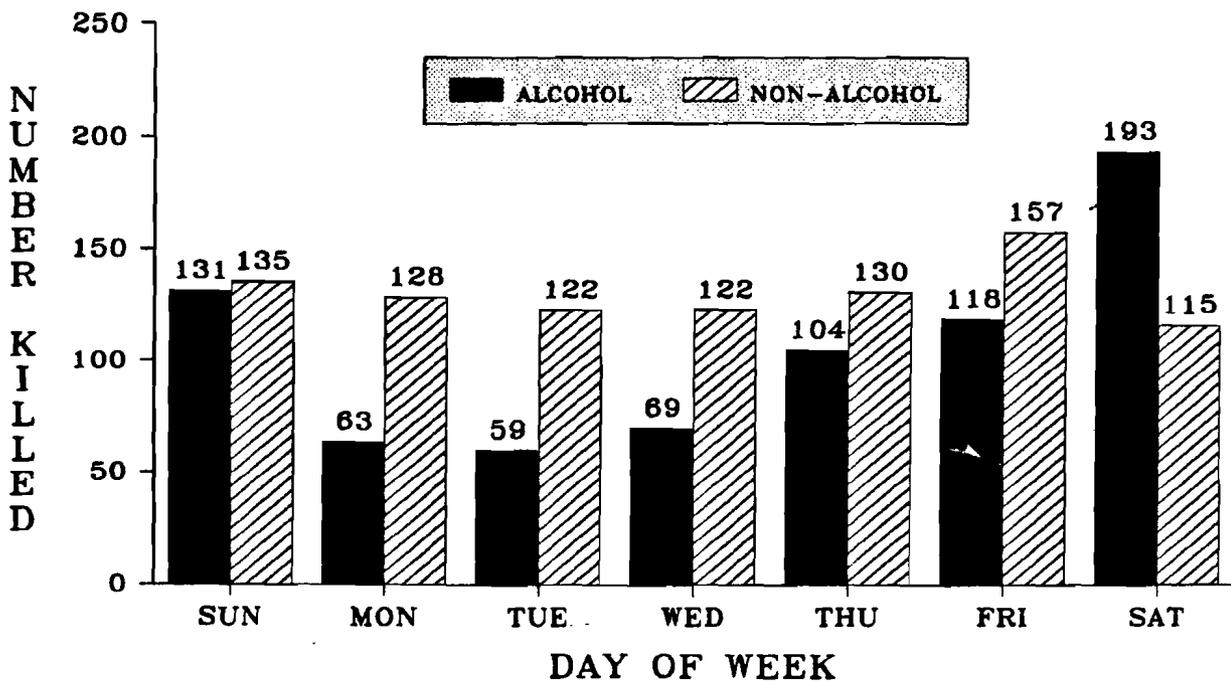
VICTIMS OF ALCOHOL-RELATED FATAL ACCIDENTS DISTRIBUTION BY VEHICLE TYPE 1990



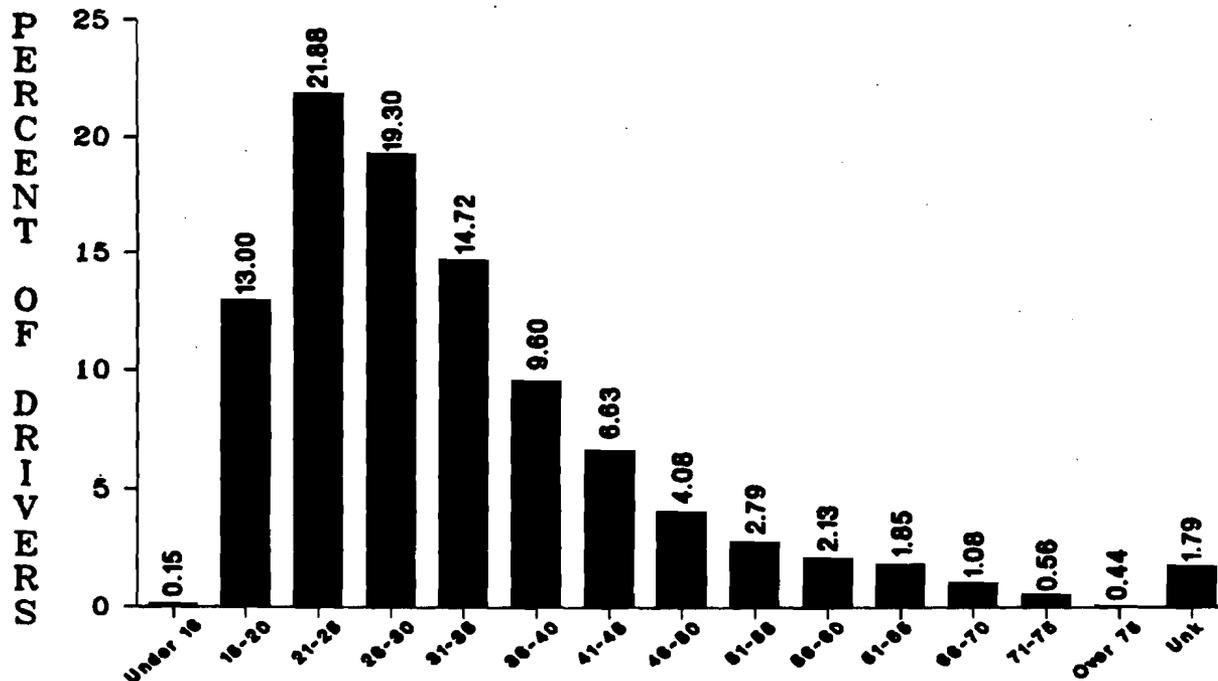
VICTIMS OF FATAL ACCIDENTS DISTRIBUTION BY TIME OF DAY 1990



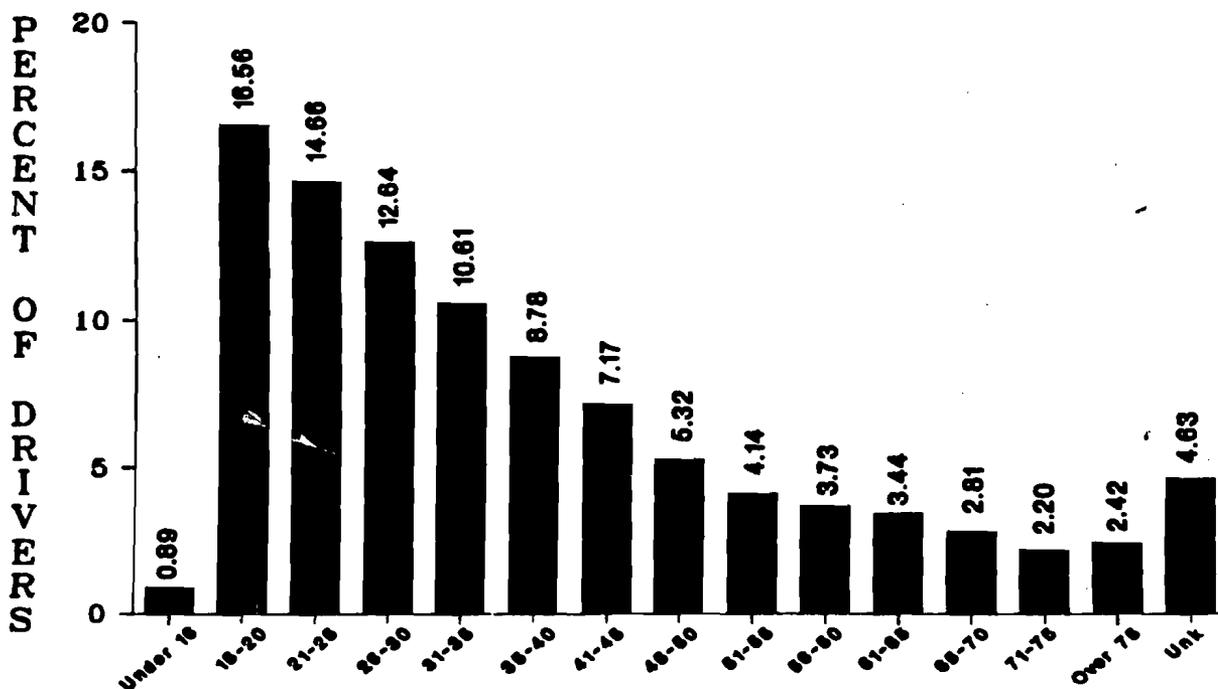
VICTIMS OF FATAL ACCIDENTS DISTRIBUTION BY DAY OF WEEK 1990



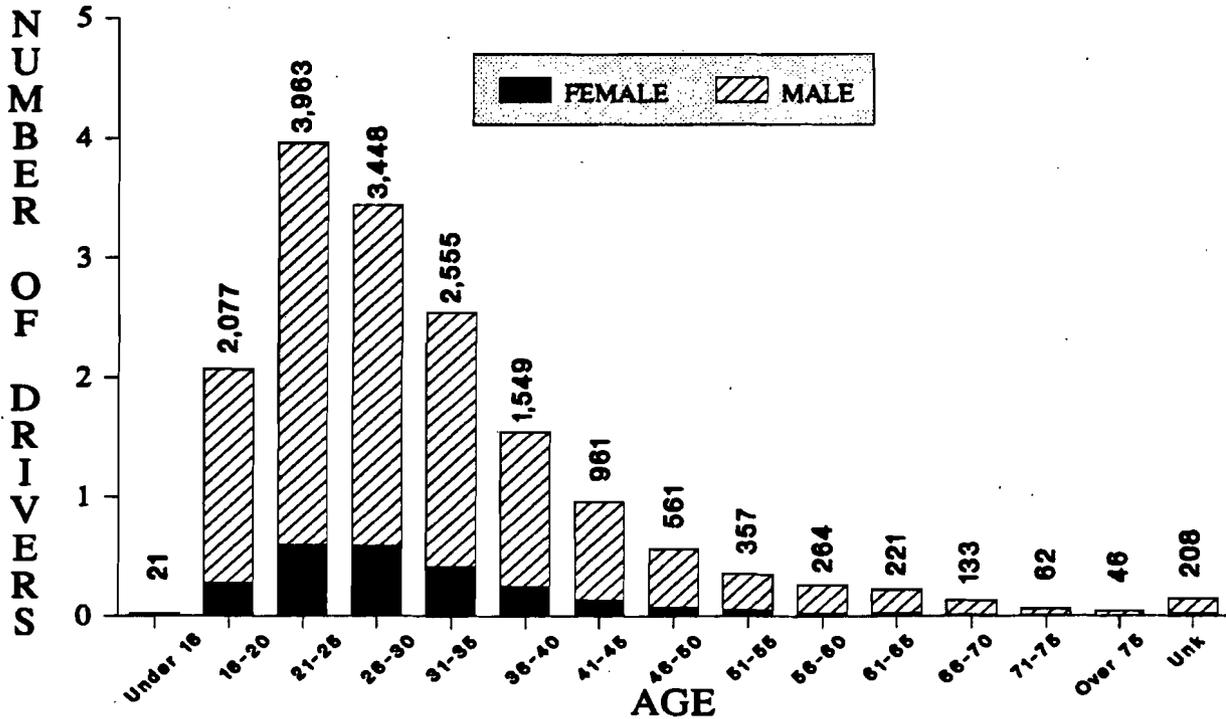
PERCENT OF DRIVER INVOLVEMENT IN 1990 ALCOHOL-RELATED ACCIDENTS BY AGE GROUP



PERCENT OF DRIVER INVOLVEMENT IN 1990 NON-ALCOHOL-RELATED ACCIDENTS BY AGE GROUP

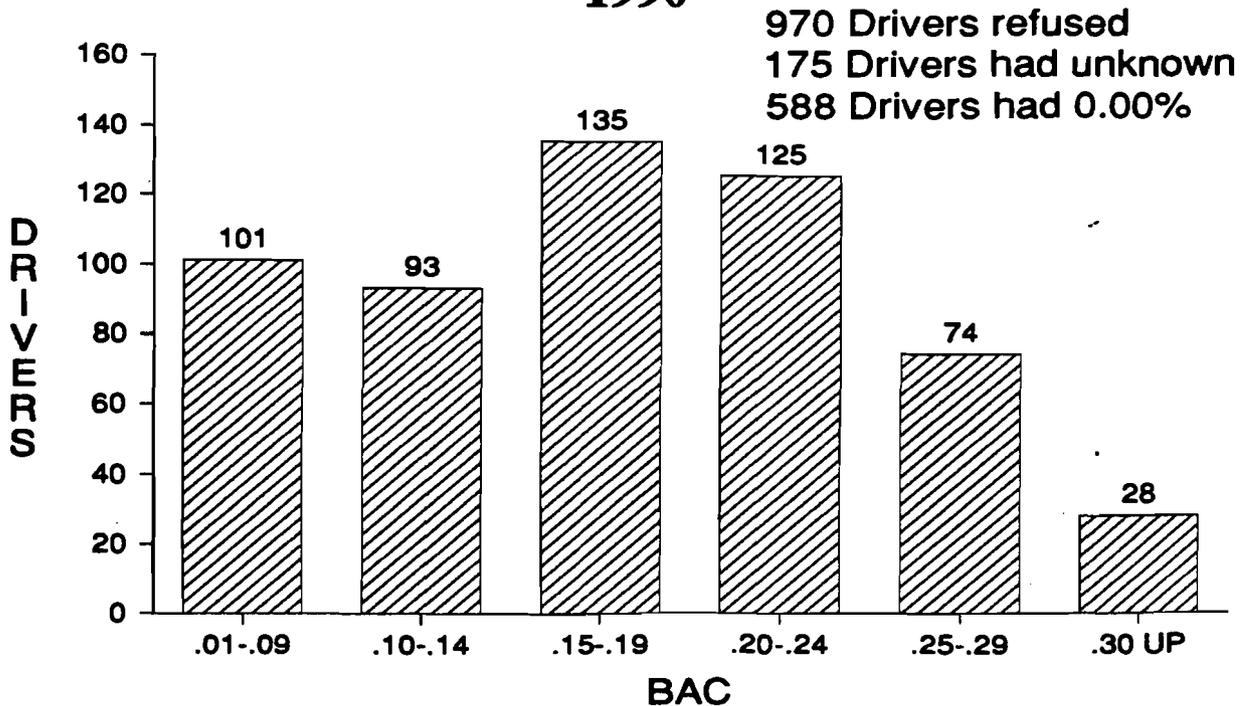


1990 DRINKING DRIVERS BY AGE AND SEX



BLOOD ALCOHOL CONTENT (BAC) DRIVERS IN FATAL ACCIDENTS

1990

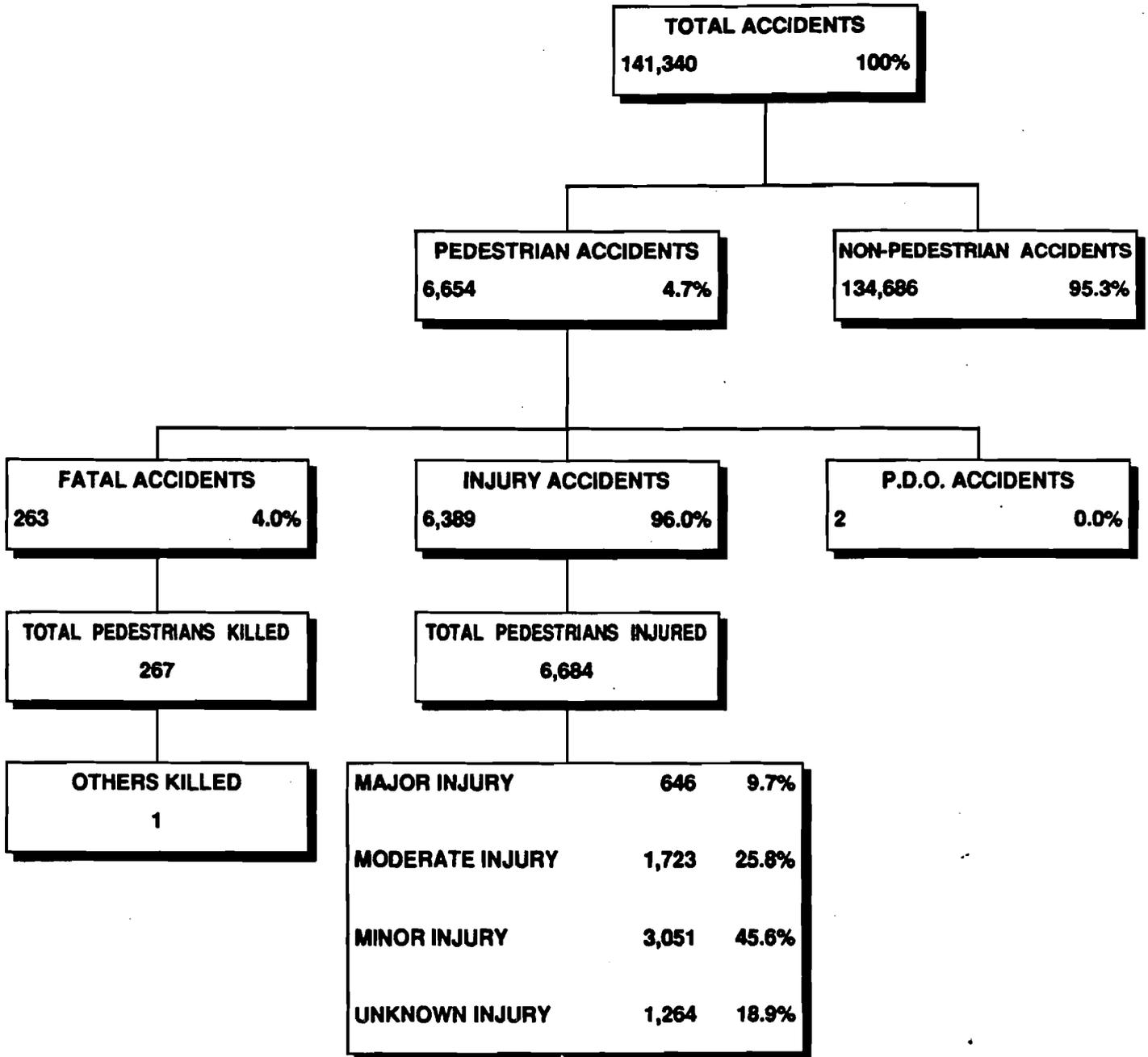




VII. PEDESTRIAN RELATED ACCIDENT STATISTICS

1990

PEDESTRIAN RELATED ACCIDENTS: DISTRIBUTION BY SEVERITY



1986-1990 PEDESTRIAN FATALITIES BY COUNTY

COUNTY	1986	1987	1988	1989	1990
ADAMS	2	5	1	0	2
ALLEGHENY	18	19	22	25	22
ARMSTRONG	0	2	1	1	3
BEAVER	3	3	0	1	5
BEDFORD	1	1	1	0	1
BERKS	4	5	10	5	6
BLAIR	2	0	3	4	4
BRADFORD	3	1	2	2	0
BUCKS	13	11	13	8	10
BUTLER	3	3	4	2	3
CAMBRIA	3	3	1	8	2
CAMERON	1	0	1	0	0
CARBON	1	2	2	4	2
CENTRE	2	2	0	2	0
CHESTER	7	8	5	8	4
CLARION	0	0	0	1	2
CLEARFIELD	1	2	0	0	0
CLINTON	2	1	0	0	2
COLUMBIA	0	1	1	1	4
CRAWFORD	4	3	1	0	1
CUMBERLAND	4	4	7	2	5
DAUPHIN	8	5	7	9	5
DELAWARE	9	17	14	12	7
ELK	0	0	3	0	1
ERIE	6	10	8	9	10
FAYETTE	1	0	4	3	1
FOREST	0	0	1	1	0
FRANKLIN	3	2	6	3	1
FULTON	0	1	1	0	1
GREENE	2	0	2	0	1
HUNTINGDON	0	1	0	0	0
INDIANA	0	1	1	3	2
JEFFERSON	2	0	1	0	2
JUNIATA	0	0	0	0	1
LACKAWANNA	7	4	7	4	5
LANCASTER	9	8	8	7	15
LAWRENCE	2	2	1	2	3
LEBANON	2	5	2	3	2
LEHIGH	6	10	7	3	5
LUZERNE	11	7	10	8	8
LYCOMING	2	0	4	2	3
McKEAN	1	1	2	2	1
MERCER	1	3	1	3	2
MIFFLIN	0	0	0	3	1
MONROE	3	32	3	3	3
MONTGOMERY	11	17	15	11	12
MONTOUR	0	0	0	0	0
NORTHAMPTON	0	3	3	4	4
NORTHUMBERLAND	3	2	1	4	1
PERRY	0	2	1	2	3
PIKE	1	1	0	0	0
POTTER	0	1	0	0	1
SCHUYLKILL	8	4	1	5	4
SNYDER	2	0	2	1	0
SOMERSET	1	0	3	2	0
SULLIVAN	1	0	0	0	0
SUSQUEHANNA	0	0	2	2	1
TIOGA	1	1	1	2	0
UNION	0	0	1	1	3
VENANGO	5	2	1	1	1
WARREN	1	1	2	3	0
WASHINGTON	5	3	4	1	3
WAYNE	0	2	3	0	0
WESTMORELAND	4	4	1	8	5
WYOMING	2	0	1	0	3
YORK	7	5	8	4	7
PHILADELPHIA	44	48	48	46	61
TOTAL	245	252	266	251	267

PEDESTRIAN INJURY SEVERITY BY STRIKING VEHICLE TYPE 1990 ACCIDENTS

COLUMN %	PASSENGER CAR	LIGHT TRUCK	HEAVY TRUCK	BUS TYPE	MOTORCYCLE BODY TYPE	OTHER/ UNKNOWN	TOTAL
DEATH	163 61.05%	60 6.26%	17 15.45%	7 8.43%	0 0.00%	20 7.49%	267
MAJOR INJURY	478 73.99%	106 11.05%	13 11.82%	10 12.05%	4 6.45%	35 5.42%	646
MODERATE INJURY	1,320 76.61%	238 24.82%	24 21.82%	22 26.51%	22 35.48%	97 5.63%	1,723
MINOR INJURY	2,333 76.47%	387 40.35%	41 37.27%	30 36.14%	22 35.48%	238 7.80%	3,051
NO INJURY	21 77.78%	4 0.42%	0 0.00%	1 1.20%	1 1.61%	0 0.00%	27
UNKNOWN INJURY	980 77.53%	164 17.10%	15 13.64%	13 15.66%	13 20.97%	79 6.25%	1,264
TOTAL	5,295 100.0%	959 100.0%	110 100.0%	83 100.0%	62 100.0%	469 100.0%	6,978

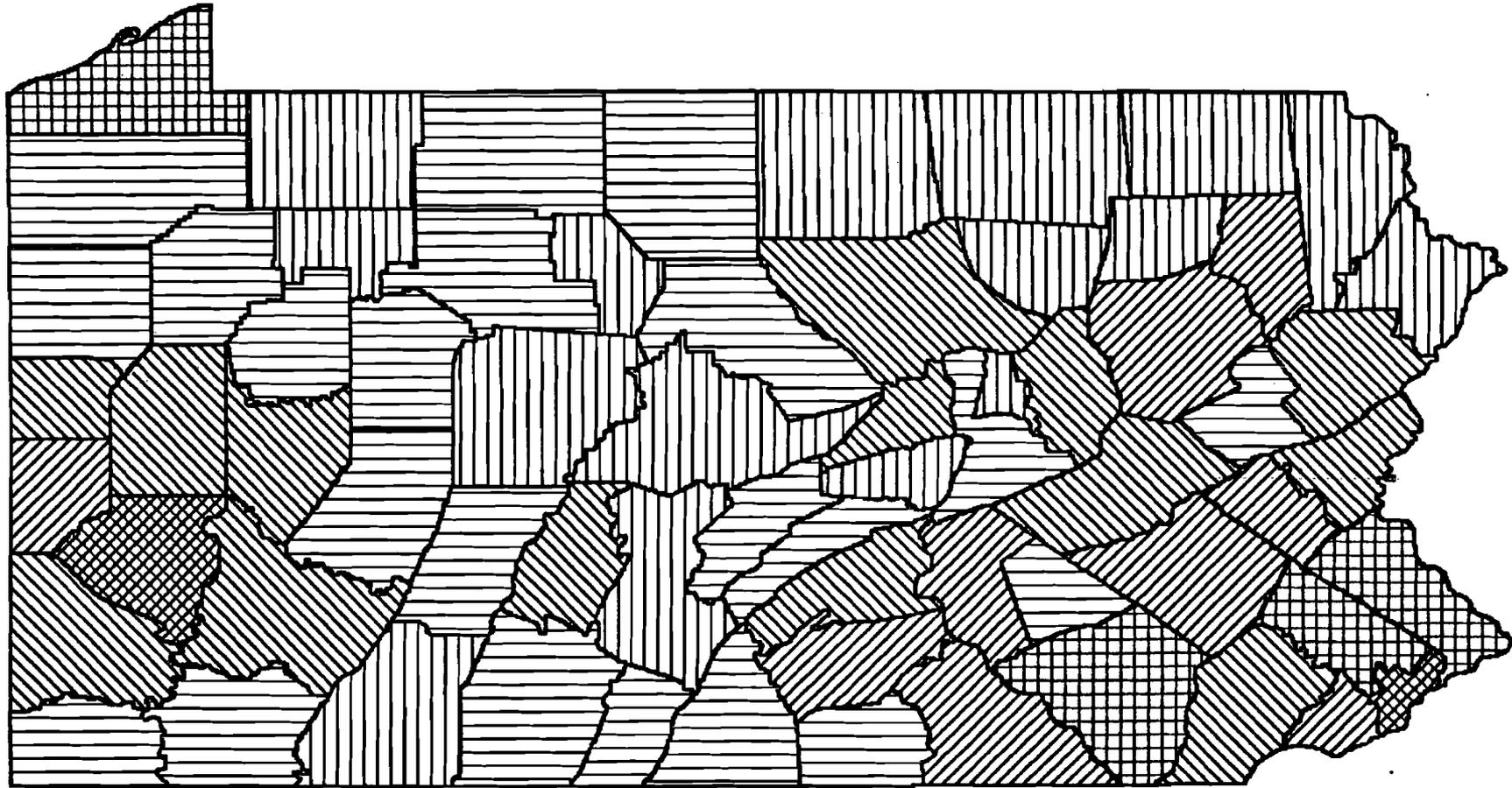
1990 PEDESTRIAN FATALITIES BY AGE GROUP

COUNTY	AGE 0 - 4	AGE 5 - 9	AGE 10 - 14	AGE 15 - 59	AGE 60 AND OVER	ALL AGES	UN- KNOWN	TOTAL	FATALITIES PER 100,000 POPULATION
ADAMS	0	0	0	2	0	2	0	2	2.6
ALLEGHENY	1	3	1	8	9	22	0	22	1.6
ARMSTRONG	1	1	0	1	0	3	0	3	4.1
BEAVER	0	0	0	3	2	5	0	5	2.7
BEDFORD	0	0	0	1	0	1	0	1	2.1
BERKS	0	1	1	4	0	6	0	6	1.6
BLAIR	0	0	0	3	1	4	0	4	3.1
BRADFORD	0	0	0	0	0	0	0	0	0.0
BUCKS	0	0	0	4	6	10	0	10	1.8
BUTLER	0	0	0	2	1	3	0	3	2.0
CAMBRIA	0	1	0	1	0	2	0	2	1.2
CAMERON	0	0	0	0	0	0	0	0	0.0
CARBON	0	0	0	1	1	2	0	2	3.5
CENTRE	0	0	0	0	0	0	0	0	0.0
CHESTER	0	1	0	1	2	4	0	4	1.1
CLARION	1	0	0	1	0	2	0	2	4.8
CLEARFIELD	0	0	0	0	0	0	0	0	0.0
CLINTON	0	0	0	1	1	2	0	2	5.4
COLUMBIA	0	0	1	2	1	4	0	4	6.3
CRAWFORD	0	0	0	1	0	1	0	1	1.2
CUMBERLAND	0	0	1	3	1	5	0	5	2.6
DAUPHIN	0	0	0	3	2	5	0	5	2.1
DELAWARE	0	1	0	3	3	7	0	7	1.3
ELK	1	0	0	0	0	1	0	1	2.9
ERIE	1	1	0	6	2	10	0	10	3.6
FAYETTE	0	0	0	0	1	1	0	1	0.7
FOREST	0	0	0	0	0	0	0	0	0.0
FRANKLIN	0	0	0	1	0	1	0	1	0.8
FULTON	0	0	0	0	1	1	0	1	7.2
GREENE	0	0	0	1	0	1	0	1	2.5
HUNTINGDON	0	0	0	0	0	0	0	0	0.0
INDIANA	0	0	0	1	1	2	0	2	2.2
JEFFERSON	0	0	0	1	1	2	0	2	4.3
JUNIATA	0	0	1	0	0	1	0	1	4.8
LACKAWANNA	0	0	1	1	3	5	0	5	2.3
LANCASTER	2	2	2	6	3	15	0	15	3.5
LAWRENCE	0	0	0	0	2	2	1	3	3.1
LEBANON	0	0	0	1	1	2	0	2	1.8
LEHIGH	0	0	1	2	2	5	0	5	1.7
LUZERNE	0	0	0	4	4	8	0	8	2.4
LYCOMING	0	1	0	1	1	3	0	3	2.5
McKEAN	0	0	0	1	0	1	0	1	2.1
MERCER	0	1	0	0	1	2	0	2	1.7
MIFFLIN	1	0	0	0	0	1	0	1	2.2
MONROE	1	0	0	1	1	3	0	3	3.1
MONTGOMERY	0	1	0	5	6	12	0	12	1.8
MONTOUR	0	0	0	0	0	0	0	0	0.0
NORTHAMPTON	0	0	1	1	2	4	0	4	1.6
NORTHUMBERLAND	0	0	0	1	0	1	0	1	1.0
PERRY	1	0	0	1	1	3	0	3	7.3
PIKE	0	0	0	0	0	0	0	0	0.0
POTTER	0	0	0	1	0	1	0	1	6.0
SCHUYLKILL	0	0	0	2	2	4	0	4	2.6
SNYDER	0	0	0	0	0	0	0	0	0.0
SOMERSET	0	0	0	0	0	0	0	0	0.0
SULLIVAN	0	0	0	0	0	0	0	0	0.0
SUSQUEHANNA	0	0	0	1	0	1	0	1	2.5
TIOGA	0	0	0	0	0	0	0	0	0.0
UNION	0	1	0	2	0	3	0	3	8.3
VENANGO	0	0	0	1	0	1	0	1	1.7
WARREN	0	0	0	0	0	0	0	0	0.0
WASHINGTON	0	0	0	3	0	3	0	3	1.5
WAYNE	0	0	0	0	0	0	0	0	0.0
WESTMORELAND	0	1	0	2	2	5	0	5	1.4
WYOMING	0	0	0	1	2	3	0	3	10.7
YORK	2	0	1	2	2	7	0	7	2.1
PHILADELPHIA	4	4	1	25	25	60	1	61	3.8
TOTAL	16	20	12	120	97	265	2	267	2.2

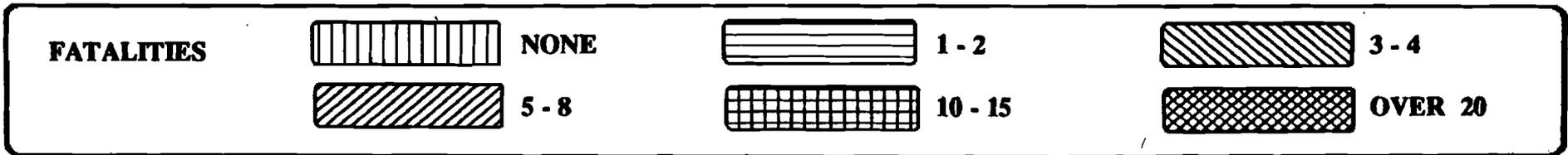
1990 PEDESTRIAN INJURIES BY AGE GROUP

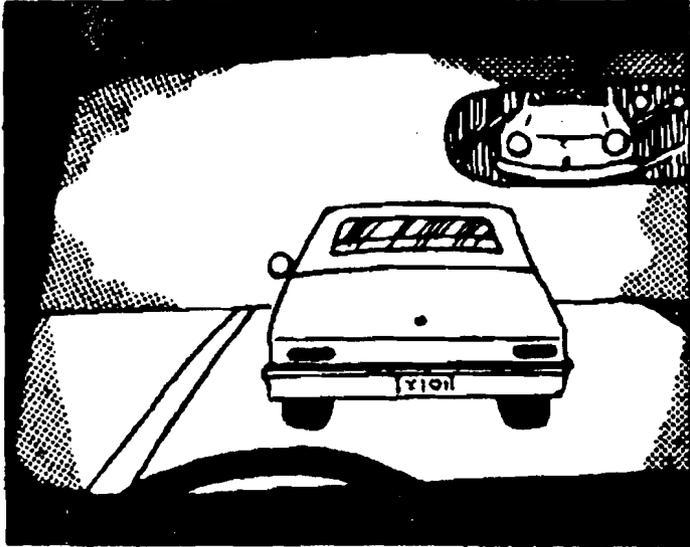
COUNTY	AGE 0-4	AGE 5-9	AGE 10-14	AGE 15-59	AGE 60 AND OVER	ALL AGES	UN- KNOWN	TOTAL	INJURIES PER 100,000 POPULATION
ADAMS	0	0	4	3	3	10	0	10	12.8
ALLEGHENY	33	112	69	322	106	642	34	676	50.6
ARMSTRONG	1	3	4	2	0	10	0	10	13.6
BEAVER	4	4	7	25	5	45	7	52	27.9
BEDFORD	0	0	1	3	1	5	0	5	10.4
BERKS	14	49	27	83	24	197	2	199	54.3
BLAIR	2	10	9	15	5	41	2	43	32.9
BRADFORD	1	1	3	3	1	9	0	9	14.8
BUCKS	6	17	15	93	9	140	6	146	27.0
BUTLER	2	7	11	25	6	51	1	52	34.2
CAMBRIA	1	0	7	11	3	22	1	23	14.1
CAMERON	0	1	1	0	1	3	0	3	50.7
CARBON	0	4	0	10	3	17	1	18	31.7
CENTRE	4	1	6	33	7	51	2	53	42.8
CHESTER	3	13	15	48	10	89	3	92	24.4
CLARION	0	0	2	9	1	12	0	12	28.8
CLEARFIELD	3	5	4	6	0	18	1	19	24.3
CLINTON	0	0	2	5	1	8	0	8	21.5
COLUMBIA	2	3	3	7	4	19	0	19	30.1
CRAWFORD	0	4	4	19	4	31	0	31	36.0
CUMBERLAND	2	8	7	32	4	53	2	55	28.2
DAUPHIN	11	40	17	65	9	142	2	144	60.6
DELAWARE	13	59	49	117	36	274	23	297	54.2
ELK	2	4	1	3	3	13	1	14	40.1
ERIE	7	25	18	59	17	126	3	129	46.8
FAYETTE	4	10	5	33	8	60	0	60	41.3
FOREST	0	0	0	0	0	0	0	0	0.0
FRANKLIN	4	5	3	23	5	40	0	40	33.0
FULTON	0	0	0	1	0	1	0	1	7.2
GREENE	1	1	0	0	0	2	0	2	5.1
HUNTINGDON	1	3	0	4	1	9	1	10	22.6
INDIANA	2	5	4	14	5	30	0	30	33.3
JEFFERSON	0	2	3	2	1	8	0	8	17.4
JUNIATA	0	1	0	2	0	3	0	3	14.5
LACKAWANNA	7	13	16	43	23	102	8	110	50.2
LANCASTER	11	38	21	71	11	152	5	157	37.1
LAWRENCE	1	4	2	23	6	36	0	36	37.0
LEBANON	2	8	2	16	5	33	0	33	29.4
LEHIGH	7	27	29	65	16	144	9	153	52.6
LUZERNE	8	19	25	78	36	166	12	178	54.2
LYCOMING	1	12	4	20	4	41	1	42	35.4
McKEAN	1	2	1	7	1	12	0	12	25.5
MERCER	1	4	7	12	5	29	0	29	24.0
MIFFLIN	0	2	0	8	1	11	0	11	23.8
MONROE	0	1	7	14	3	25	1	26	27.2
MONTGOMERY	9	36	30	128	28	231	7	238	35.1
MONTOUR	1	2	1	2	0	6	0	6	33.8
NORTHAMPTON	3	15	14	36	22	90	3	93	37.6
NORTHUMBERLAND	5	11	3	13	2	34	2	36	37.2
PERRY	0	1	0	0	0	1	1	2	4.9
PIKE	0	1	0	1	1	3	1	4	14.3
POTTER	0	1	0	2	0	3	0	3	17.9
SCHUYLKILL	3	11	8	28	10	60	2	62	40.6
SNYDER	1	1	0	7	1	10	0	10	27.3
SOMERSET	1	3	4	0	4	12	1	13	16.6
SULLIVAN	0	0	1	0	0	1	0	1	16.4
SUSQUEHANNA	0	2	0	1	0	3	0	3	7.4
TIOGA	1	1	4	2	2	10	0	10	24.3
UNION	0	2	0	3	0	5	0	5	13.8
VENANGO	1	5	2	7	3	18	1	19	32.0
WARREN	0	1	1	7	2	11	0	11	24.4
WASHINGTON	1	9	6	20	2	38	0	38	18.6
WAYNE	1	1	1	3	2	8	0	8	20.0
WESTMORELAND	5	23	8	54	15	105	6	111	30.0
WYOMING	0	1	1	5	0	7	0	7	24.9
YORK	13	38	16	61	16	144	3	147	43.3
PHILADELPHIA	170	510	326	1,396	252	2,654	143	2,797	176.4
TOTAL	377	1,202	841	3,210	756	6,386	298	6,684	56.3

1990 PEDESTRIAN FATALITIES



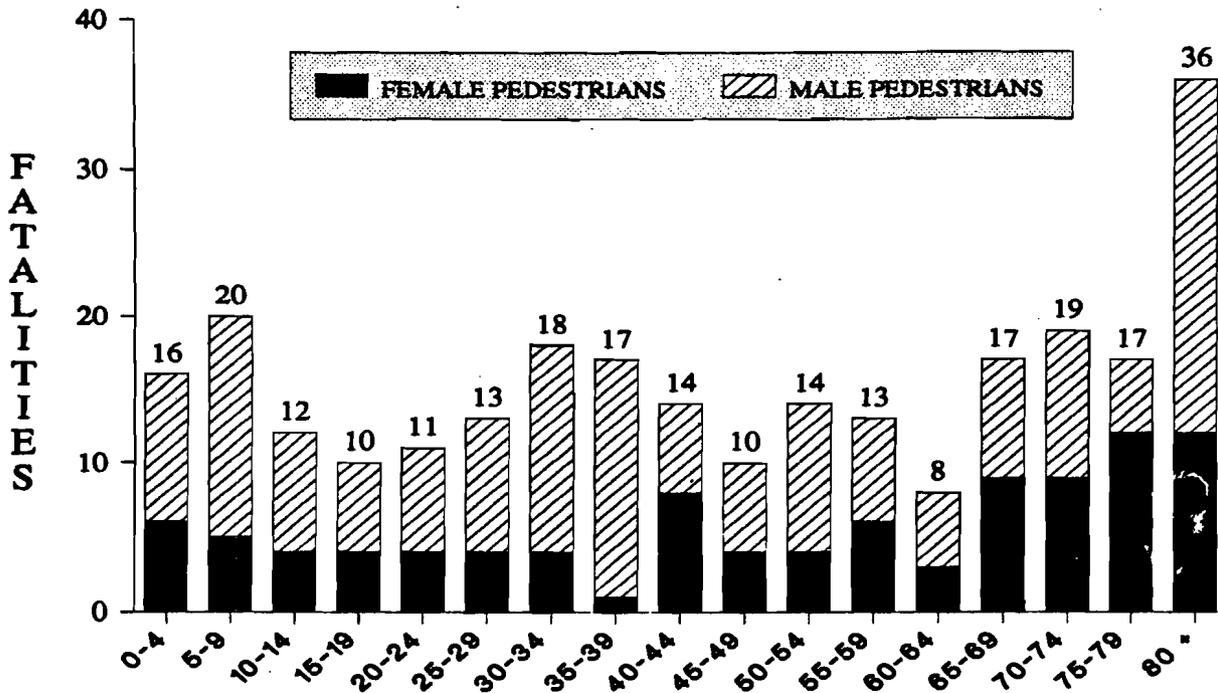
52





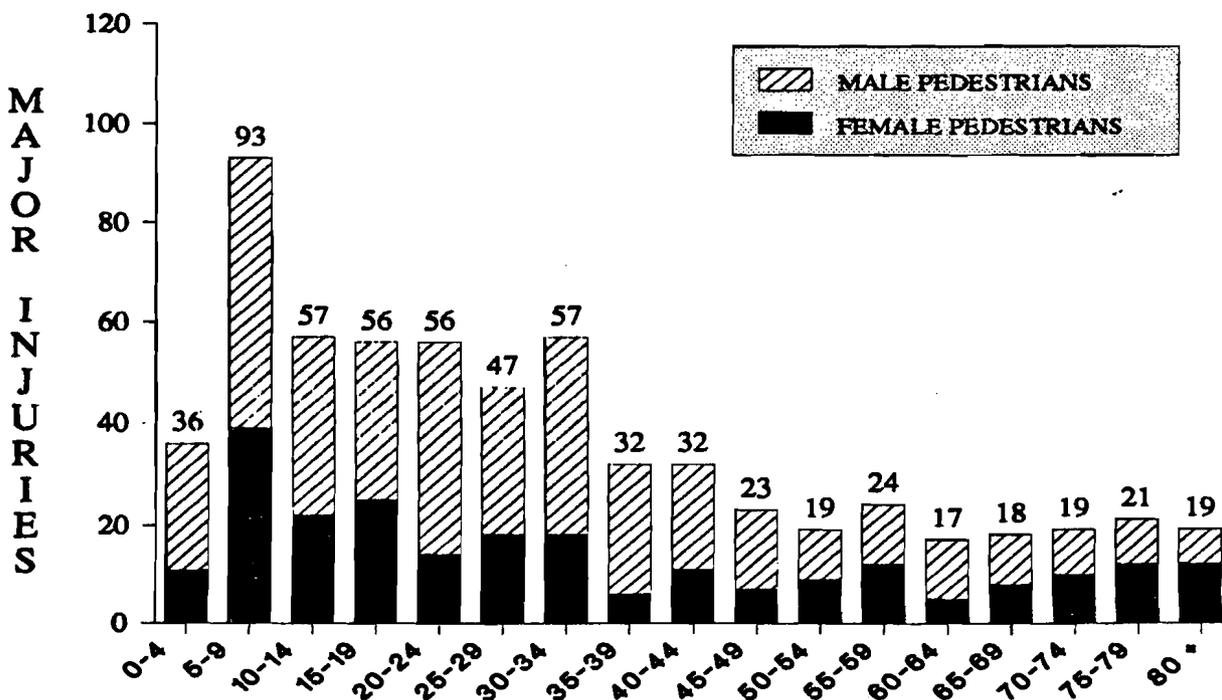
VIII. CHARACTERISTICS

PEDESTRIAN FATALITIES DISTRIBUTION BY AGE AND SEX* 1990 ACCIDENTS



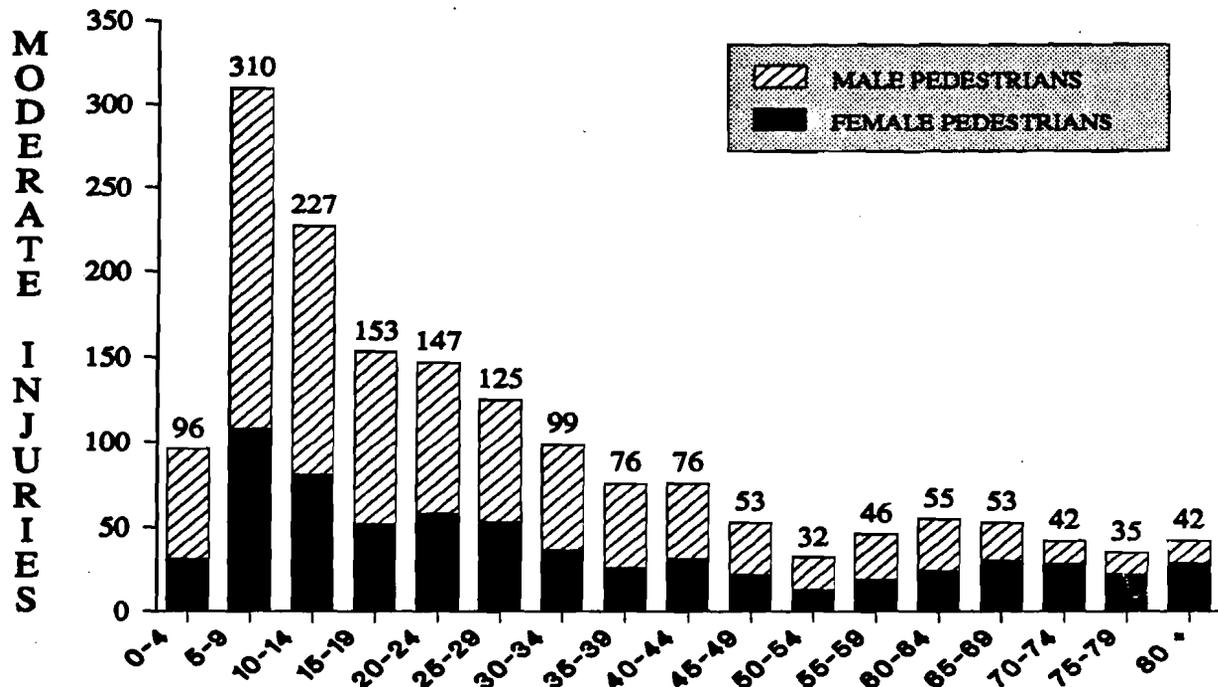
* For known age and sex

PEDESTRIANS WITH MAJOR INJURIES DISTRIBUTION BY AGE AND SEX* 1990 ACCIDENTS



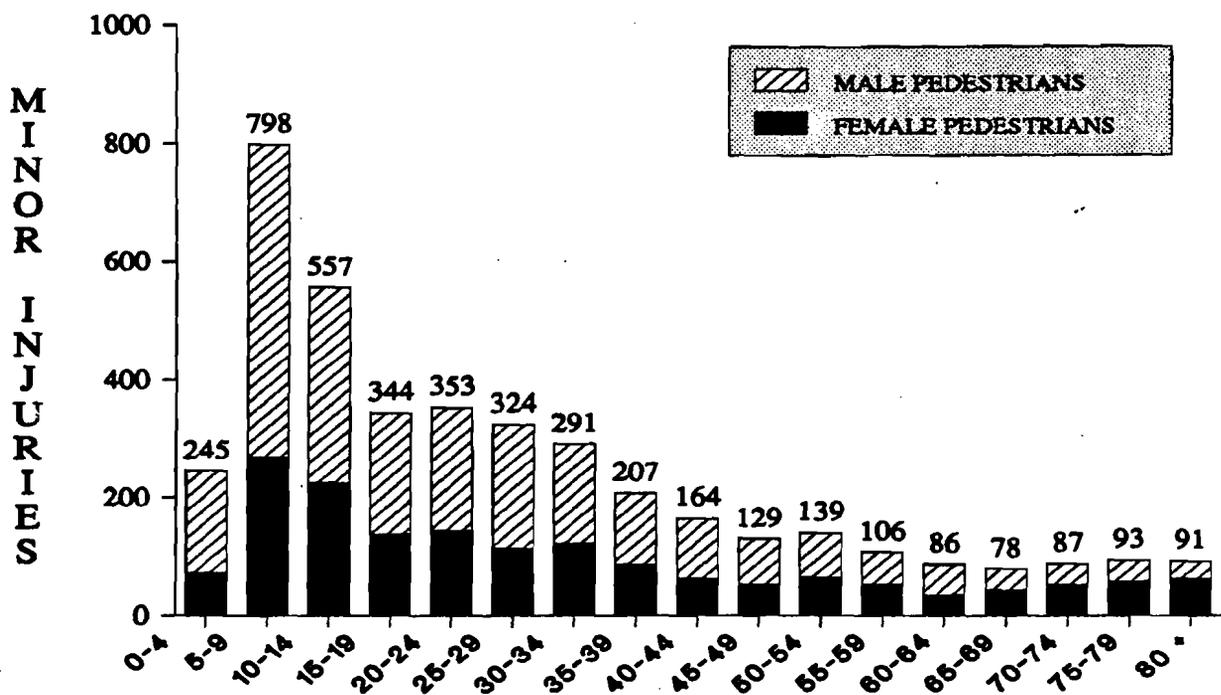
* For known age and sex

PEDESTRIANS WITH MODERATE INJURIES DISTRIBUTION BY AGE AND SEX* 1990 ACCIDENTS



* For known age and sex

PEDESTRIANS WITH MINOR INJURIES DISTRIBUTION BY AGE AND SEX* 1990 ACCIDENTS

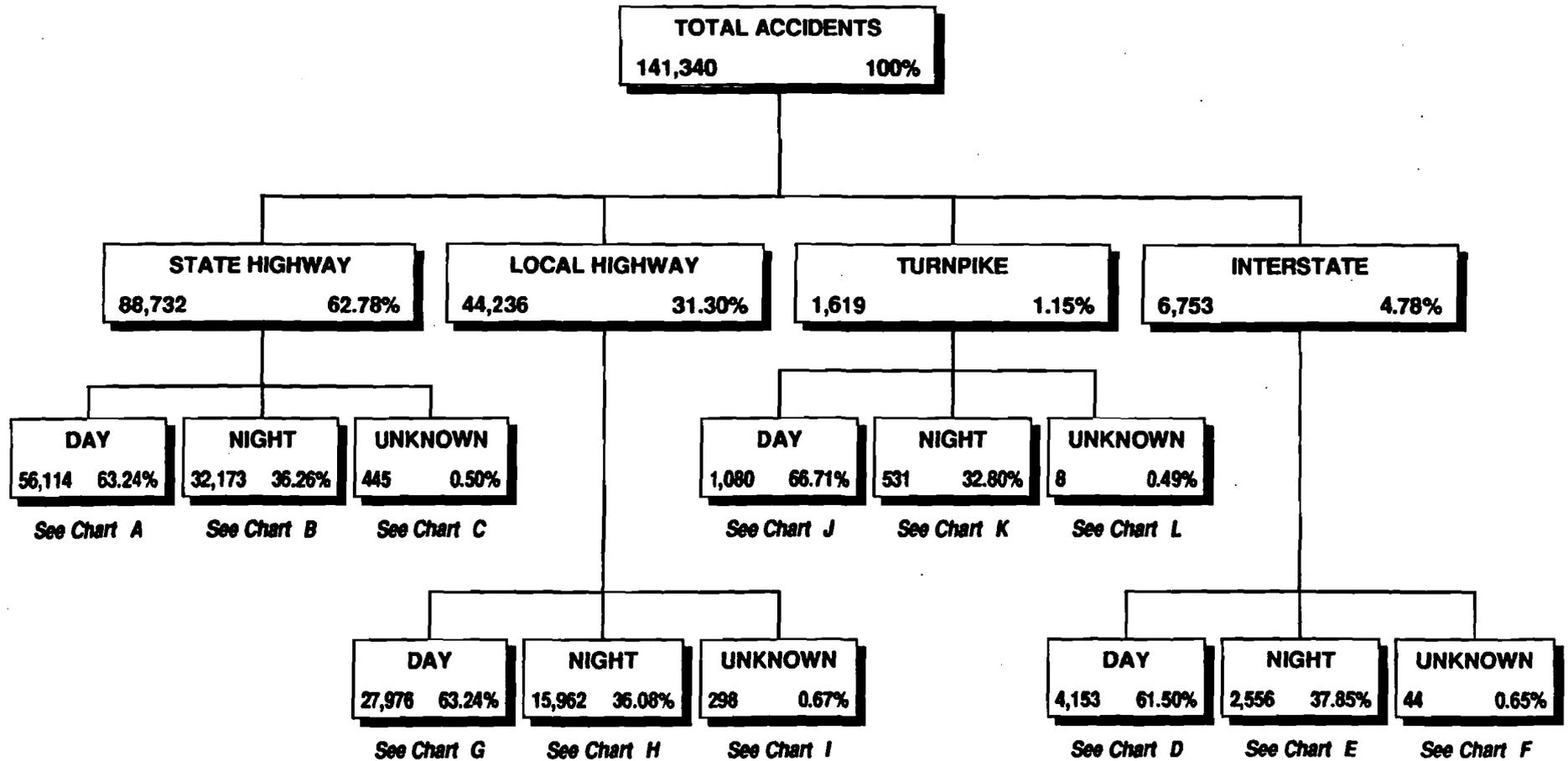


* For known age and sex

VIII. A General Accident Characteristics

1990 ACCIDENTS BY ROAD TYPE BY ILLUMINATION

55



1990

STATE HIGHWAY

CHART A

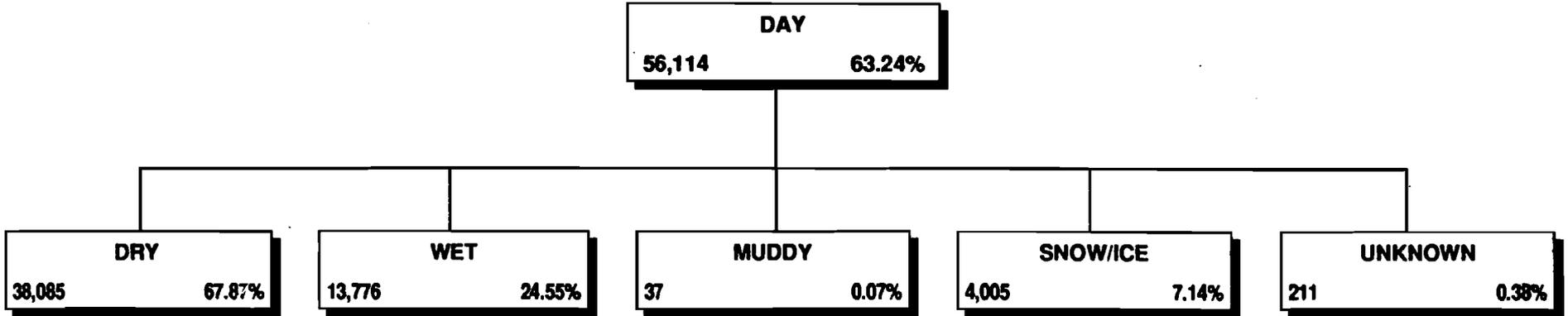


CHART B

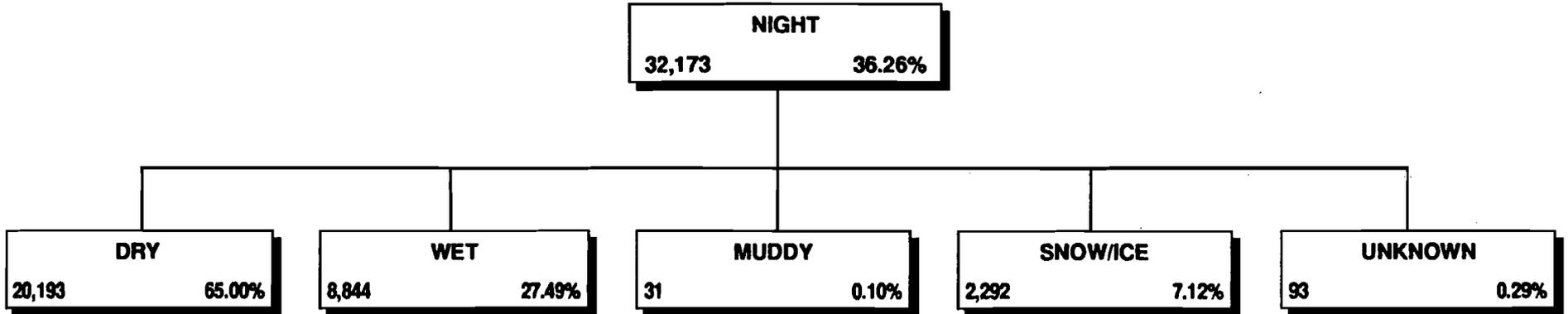
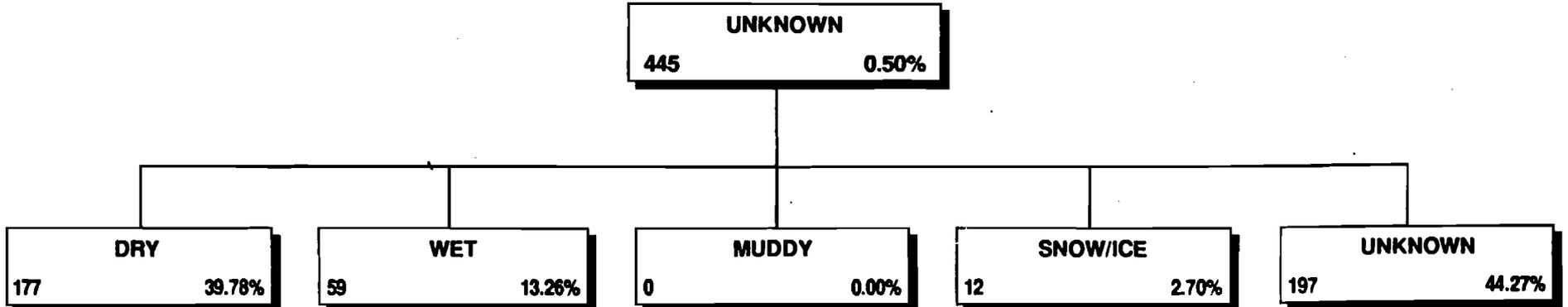


CHART C



1990

INTERSTATE

CHART D

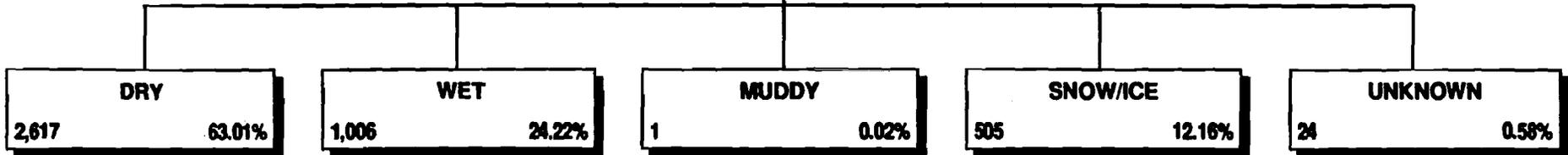


CHART E

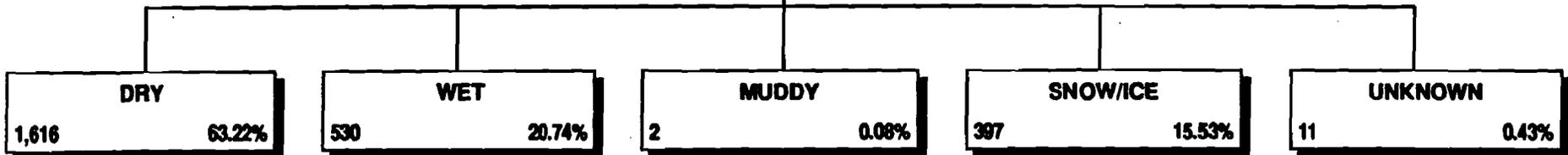
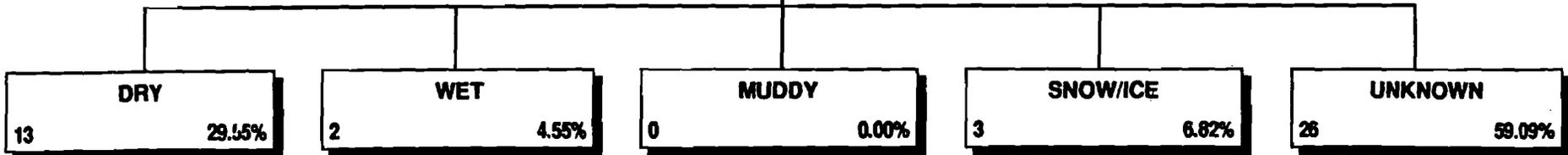


CHART F



1990

LOCAL HIGHWAY

CHART G

DAY	
27,976	63.24%

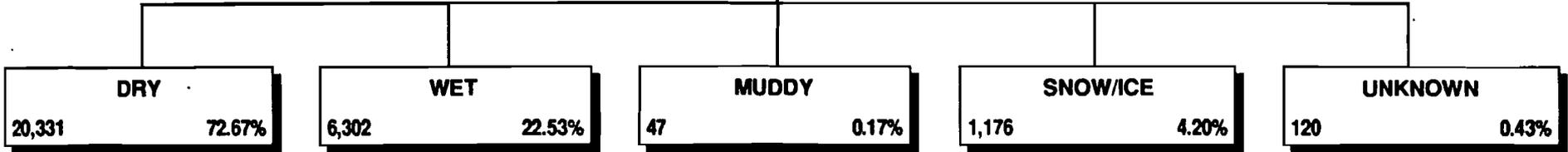


CHART H

NIGHT	
15,962	36.08%

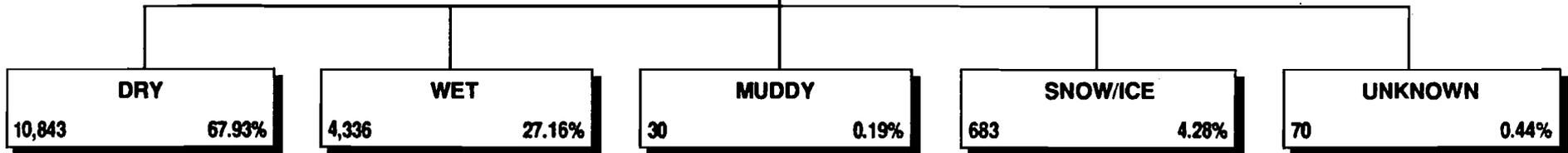
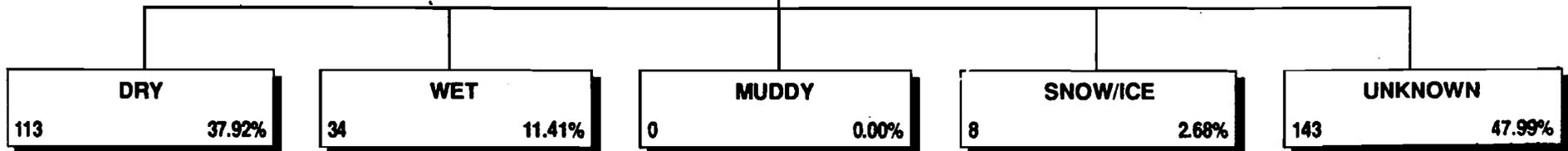


CHART I

UNKNOWN	
298	0.67%



1990 **TURNPIKE**

CHART J

DAY
1,080 66.71%

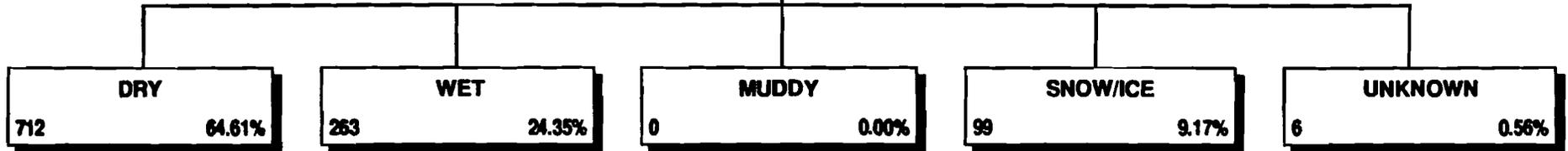


CHART K

NIGHT
531 32.80%

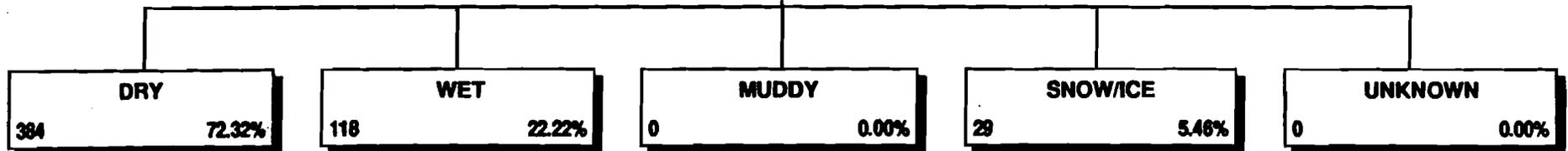
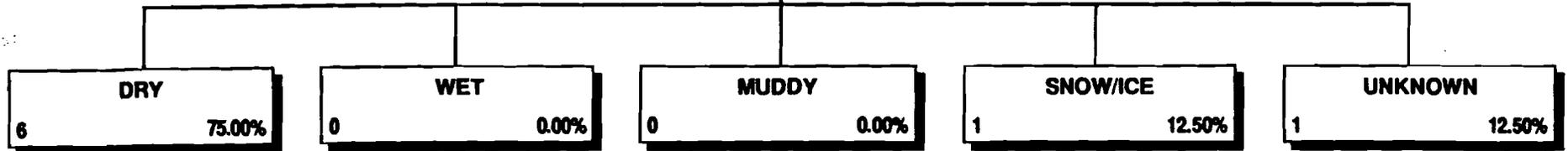
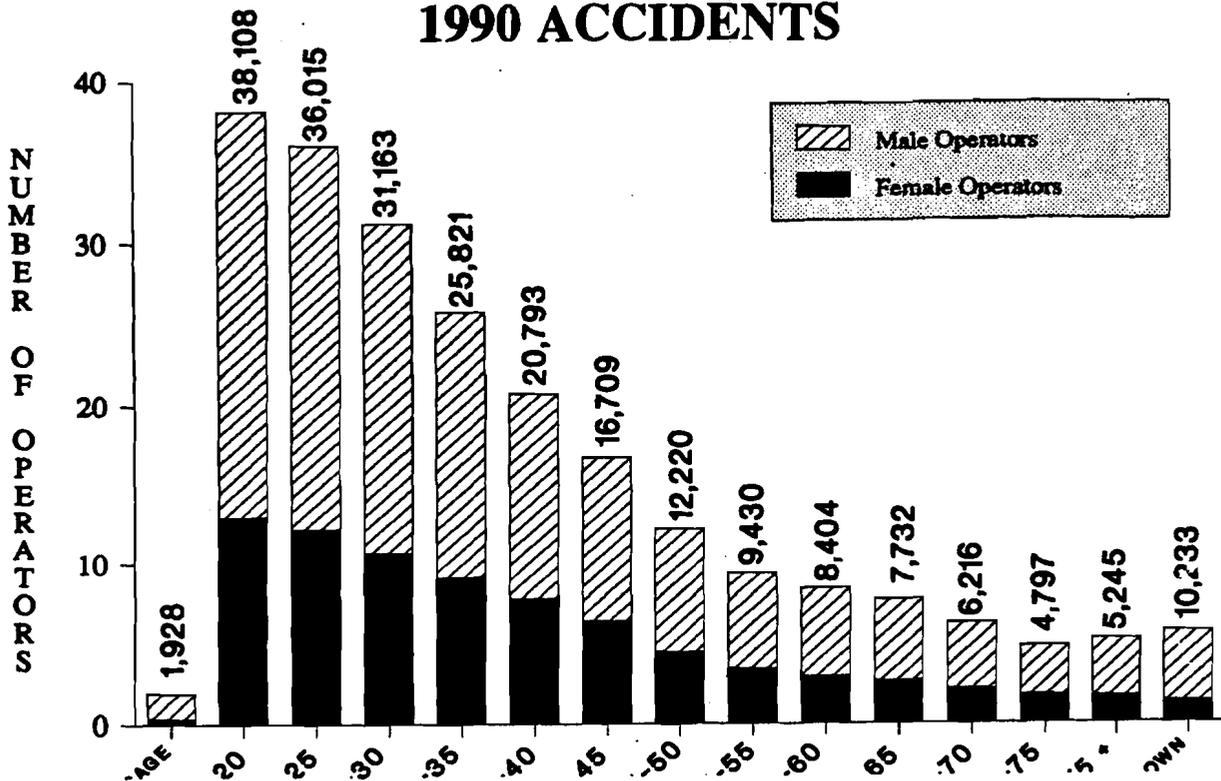


CHART L

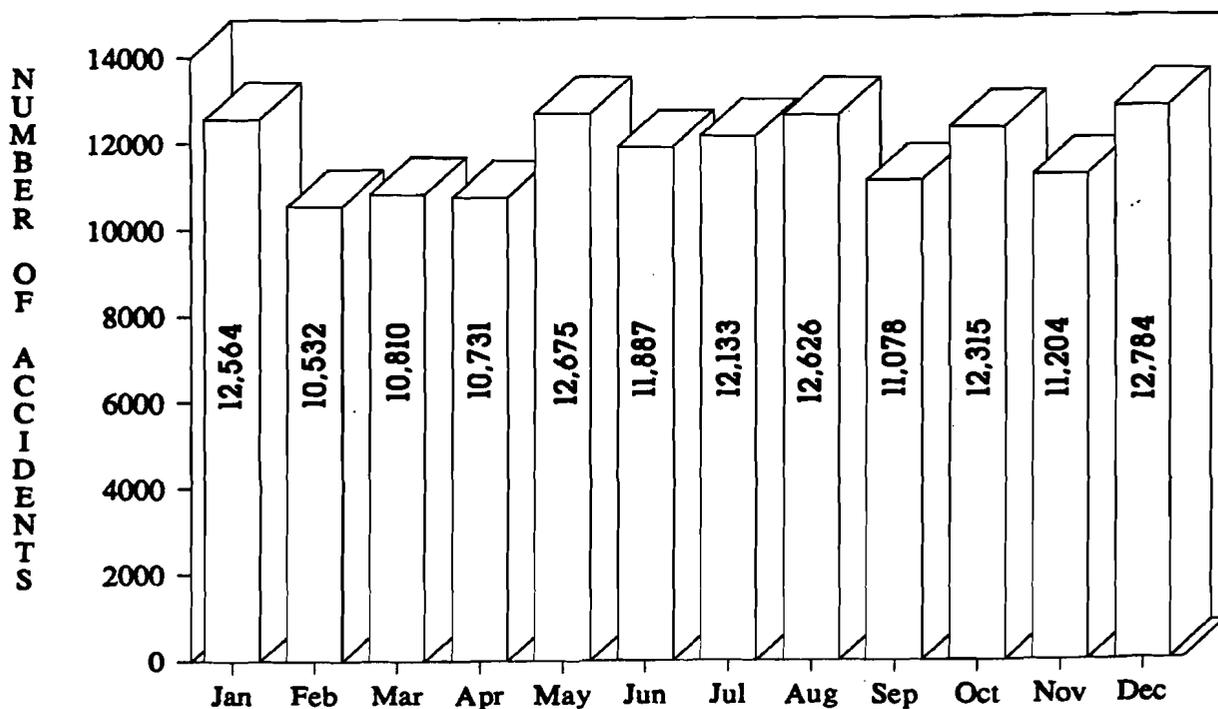
UNKNOWN
8 0.49%



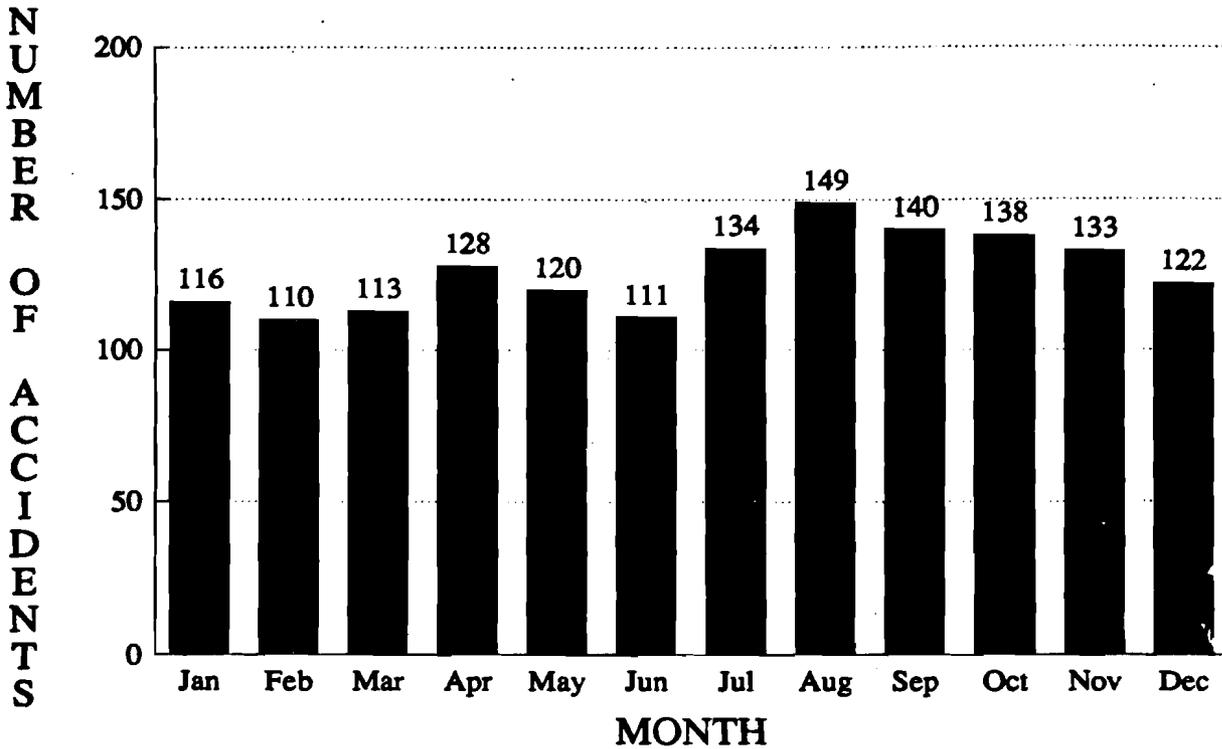
OPERATOR INVOLVEMENT IN ACCIDENTS BY AGE AND SEX 1990 ACCIDENTS



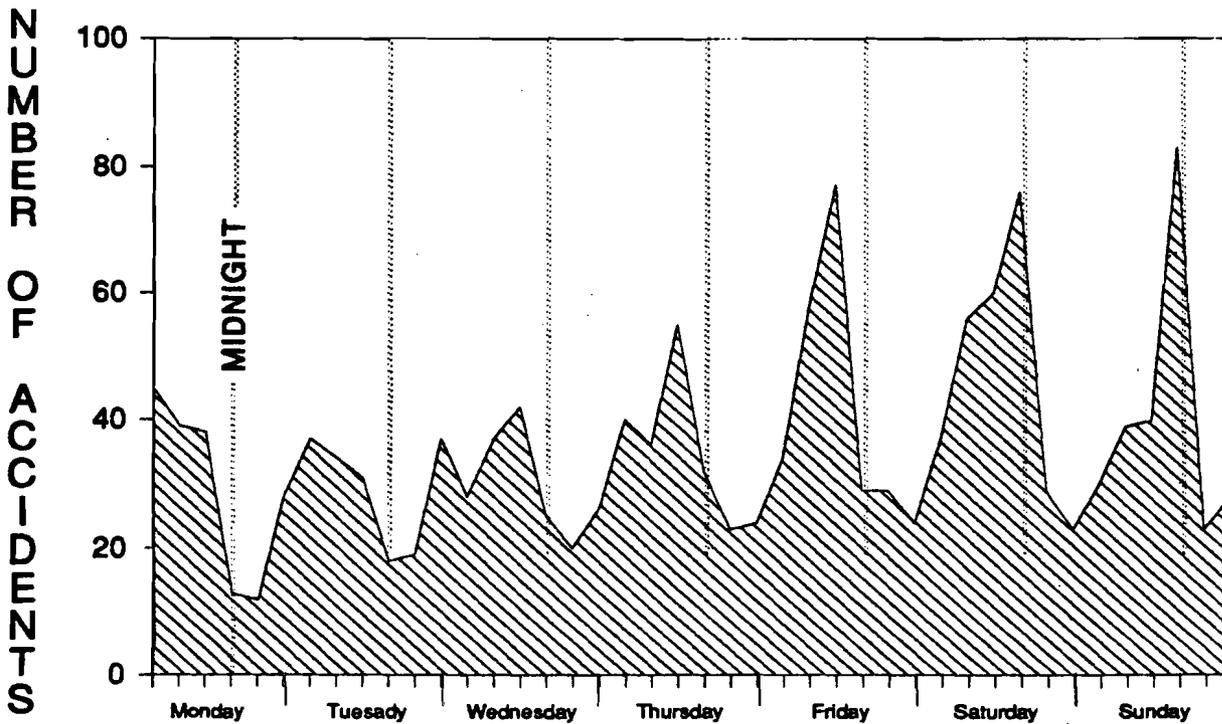
1990 TOTAL ACCIDENTS BY MONTH



1990 FATAL ACCIDENTS BY MONTH



1990 FATAL ACCIDENTS TIME BY DAY OF WEEK



1990 HOLIDAY ACCIDENTS

PERIOD	ACCIDENT SEVERITY			PERSONS KILLED	PERSONS INJURED	TOTAL ACCIDENTS
	FATAL ACCIDENTS	INJURY ACCIDENTS	P.D.O. ACCIDENTS			
NEW YEARS	19	1,092	752	21	1,691	1,863
POST NEW YEAR*	8	798	515	8	1,227	1,321
PRE-MEMORIAL*	18	917	378	21	1,420	1,313
MEMORIAL DAY	15	992	466	15	1,594	1,473
POST-MEMORIAL	9	861	334	9	1,357	1,204
PRE-FOURTH*	5	300	143	5	481	448
FOURTH OF JULY	4	345	130	4	541	479
POST-FOURTH*	3	382	182	3	584	567
PRE-LABOR*	18	829	351	19	1,285	1,198
LABOR DAY	15	782	338	19	1,269	1,135
POST-LABOR*	20	791	381	23	1,261	1,192
PRE-THANKSGIVING*	21	1,078	611	25	1,713	1,710
THANKSGIVING	25	981	592	25	1,635	1,598
POST-THANKSGIVING*	19	896	516	19	1,337	1,431
PRE-CHRISTMAS*	6	349	182	6	538	537
CHRISTMAS	3	166	103	4	273	272
TOTALS	208	11,559	5,974	226	18,206	17,741

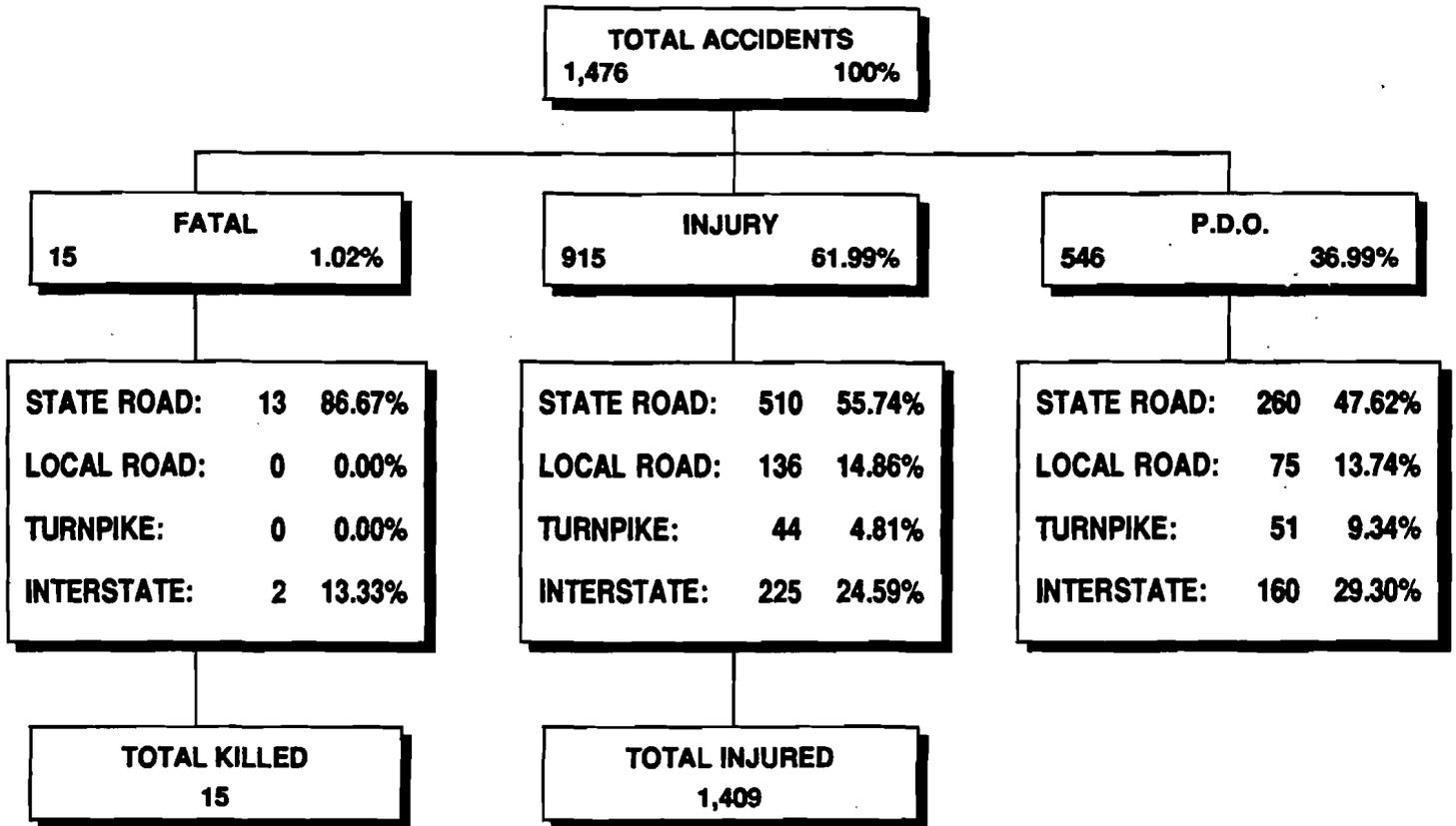
* SEE DEFINITIONS UNDER HOLIDAYS FOR EXPLANATION OF PRE AND POST PERIODS.

1990 ALCOHOL RELATED HOLIDAY ACCIDENTS

PERIOD	ACCIDENT SEVERITY			PERSONS KILLED	PERSONS INJURED	TOTAL ACCIDENTS
	FATAL ACCIDENTS	INJURY ACCIDENTS	P.D.O. ACCIDENTS			
NEW YEARS	7	161	62	7	253	230
POST NEW YEAR*	2	100	41	2	140	143
PRE-MEMORIAL*	10	162	57	11	232	220
MEMORIAL DAY	8	168	80	8	267	256
POST-MEMORIAL	2	143	41	2	229	186
PRE-FOURTH*	2	36	10	2	63	48
FOURTH OF JULY	1	62	24	1	81	87
POST-FOURTH*	1	25	12	1	37	38
PRE-LABOR*	6	158	59	6	242	223
LABOR DAY	6	132	68	6	199	206
POST-LABOR*	14	121	64	17	207	199
PRE-THANKSGIVING*	10	164	82	13	277	256
THANKSGIVING	17	163	60	17	267	240
POST-THANKSGIVING*	7	130	64	7	198	201
PRE-CHRISTMAS*	2	32	14	2	55	48
CHRISTMAS	2	37	18	3	51	57
TOTALS	97	1,794	756	105	2,798	2,647

* SEE DEFINITIONS UNDER HOLIDAYS FOR EXPLANATION OF PRE AND POST PERIODS.

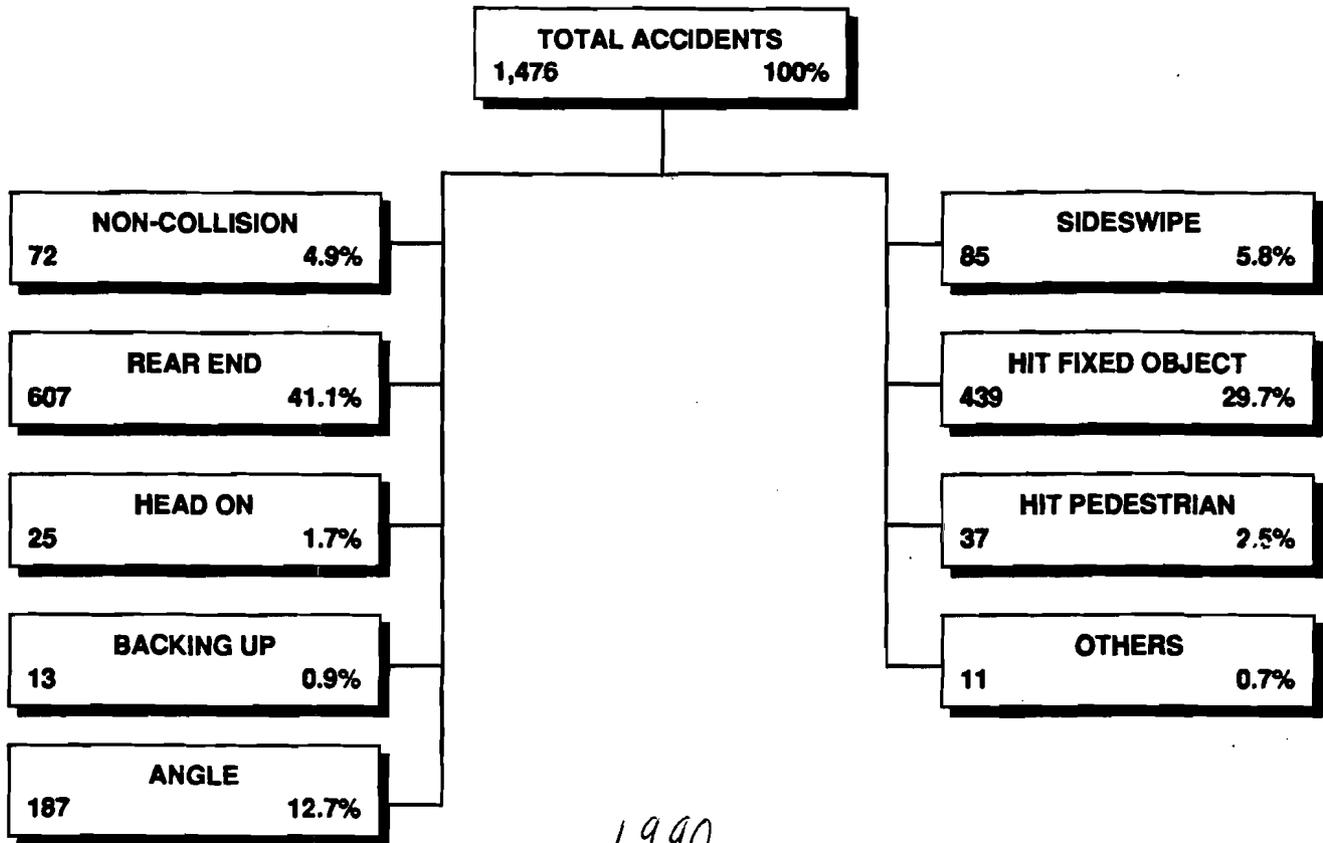
1990 CONSTRUCTION ZONE ACCIDENTS



PEDESTRIAN WORKMEN KILLED: 2
PEDESTRIAN WORKMEN INJURED: 28

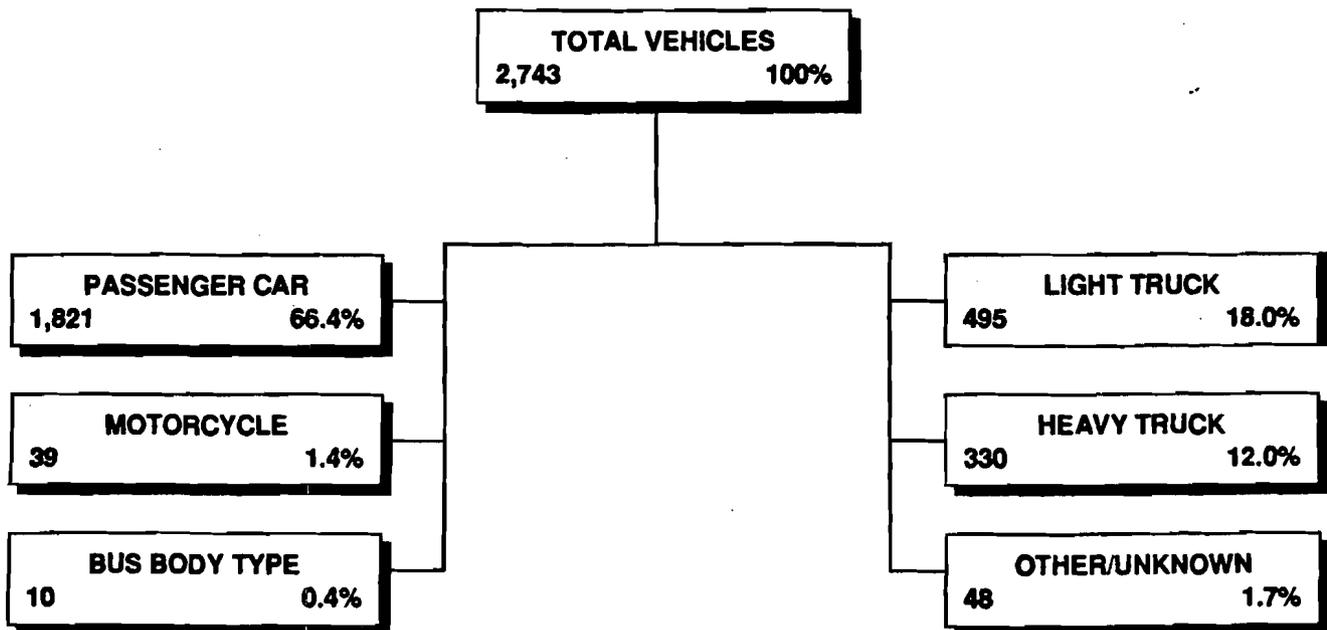
1990

CONSTRUCTION ZONE ACCIDENTS ACCIDENT TYPE

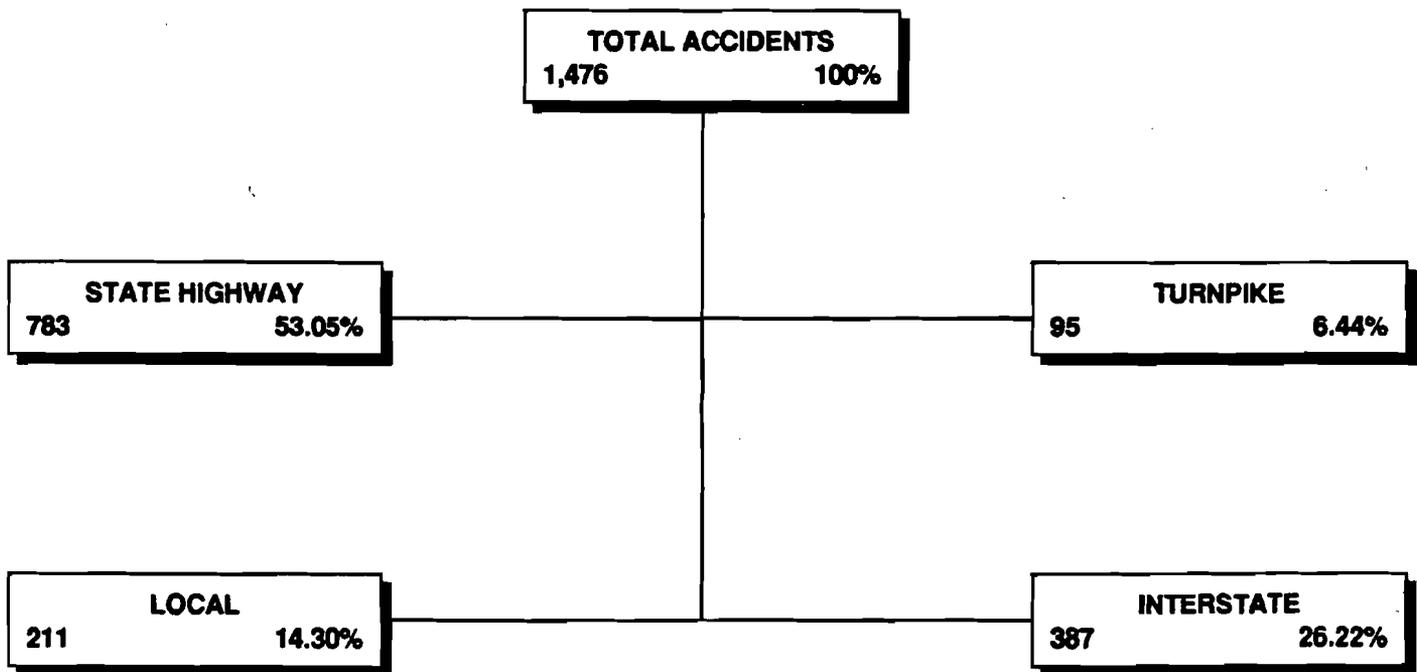


1990

VEHICLE INVOLVEMENT IN CONSTRUCTION ZONE ACCIDENTS



1990 CONSTRUCTION ZONE ACCIDENTS BY ROAD TYPE



1990 OPERATOR ACCIDENT INVOLVEMENT BY SEVERITY BY OPERATOR LICENSE

TOTAL NUMBER OF OPERATORS INVOLVED IN AN ACCIDENT
234,814 100%

INVOLVED IN FATAL ACCIDENTS
2,289 0.97%

INVOLVED IN INJURY ACCIDENTS
158,998 67.71%

INVOLVED IN P.D.O. ACCIDENTS
73,527 31.31%

PENNSYLVANIA LICENSE
1,937 84.62%

UNDER 16 OR NO LICENSE
62 2.71%

OTHER U.S. LICENSE
208 9.09%

NOT APPLICABLE
37 1.62%

UNKNOWN LICENSE
43 1.88%

FOREIGN
2 0.09%

PENNSYLVANIA LICENSE
133,628 84.04%

UNDER 16 OR NO LICENSE
2,639 1.66%

OTHER U.S. LICENSE
13,129 8.26%

NOT APPLICABLE
2,778 1.75%

UNKNOWN LICENSE
6,560 4.13%

FOREIGN
264 0.17%

PENNSYLVANIA LICENSE
63,340 86.15%

UNDER 16 OR NO LICENSE
783 1.06%

OTHER U.S. LICENSE
6,936 9.43%

NOT APPLICABLE
78 0.11%

UNKNOWN LICENSE
2,215 3.01%

FOREIGN
175 0.24%

1990 TRAFFIC ACCIDENTS INVOLVEMENT OF 16 TO 21 YEAR OLD DRIVERS IN:

ALL ACCIDENTS

AGE	FATAL	INJURY	PDO	TOTAL
16	39	3,460	2,113	5,612
17	56	4,773	2,593	7,422
18	72	5,389	2,910	8,371
19	74	5,736	2,949	8,759
20	60	5,132	2,752	7,944
21	83	5,169	2,579	7,831

ALCOHOL RELATED ACCIDENTS

1990

AGE	FATAL	INJURY	PDO	TOTAL
16	16	136	27	179
17	15	277	77	369
18	25	434	175	634
19	38	566	203	807
20	33	626	229	888
21	43	740	282	1,065

VIII.B Driver Characteristics

1990

DRIVERS IN ACCIDENTS

AGE GROUP	ACCIDENT SEVERITY						ALL DRIVERS
	FATAL	MAJOR INJURY	MODERATE INJURY	MINOR INJURY	UNKNOWN INJURY	PDO	
Under 16	32	116	419	1,006	223	132	1,928
16-20	301	1,377	5,154	14,687	3,272	13,317	38,108
21-24	291	1,118	4,050	11,291	2,843	9,675	29,268
26-59	1,282	4,765	17,542	51,952	13,749	40,273	129,563
60 and Older	341	908	3,602	10,552	2,845	7,466	25,714
Unknown Age	42	220	1,125	3,703	2,479	2,664	10,233
TOTAL	2,289	8,504	31,892	93,191	25,411	73,527	234,814

1990

DRIVERS IN ALCOHOL-RELATED ACCIDENTS

AGE GROUP	ACCIDENT SEVERITY						ALL DRIVERS
	FATAL	MAJOR INJURY	MODERATE INJURY	MINOR INJURY	UNKNOWN INJURY	PDO	
Under 16	3	4	11	7	4	5	34
16-20	127	282	627	935	195	711	2,877
21-24	143	349	835	1,310	251	1,072	3,960
26-59	588	1,192	2,928	4,603	1,041	3,535	13,887
60 and Older	59	75	185	340	82	233	974
Unknown Age	17	22	61	117	73	106	396
TOTAL	937	1,924	4,647	7,312	1,646	5,662	22,128

1990

PERSONS AGE 17 AND 18 KILLED IN TRAFFIC ACCIDENTS

YEAR	17-YEAR OLDS			18-YEAR OLDS			TOTAL		
	MALE	FEMALE	ALL	MALE	FEMALE	ALL	MALE	FEMALE	ALL
1986	49	21	70	47	16	63	96	37	133
1987	43	16	59	48	19	67	91	35	126
1988	30	21	51	48	16	64	78	37	115
1989	45	11	56	43	23	66	88	34	122
1990	21	14	35	39	13	52	60	27	87
TOTALS	188	83	271	225	87	312	413	170	583

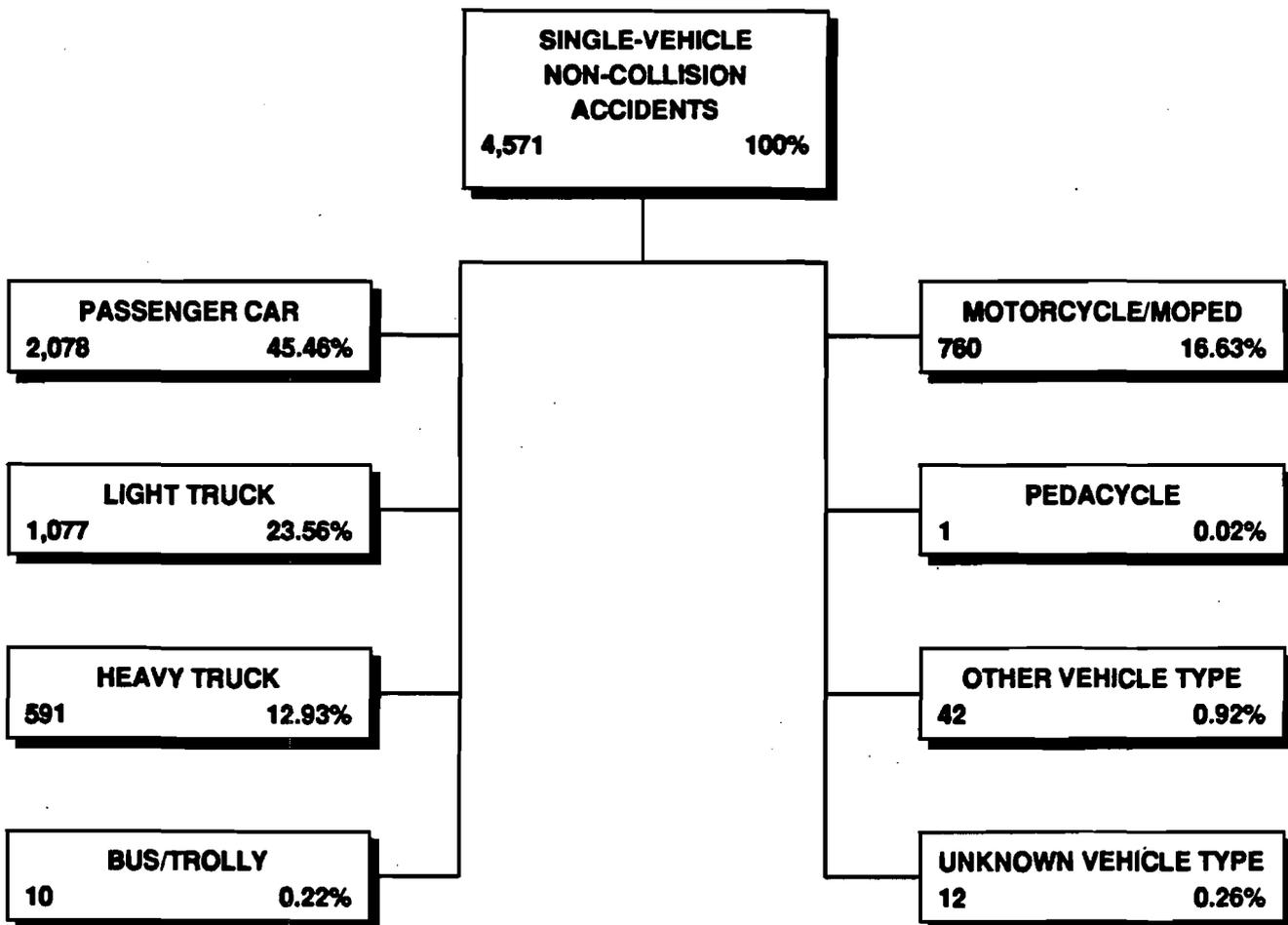
- Between 1986 and 1989, there were 583 persons age 17 and 18 killed in traffic accidents (6.21% of total fatalities.)
 - 359 (61.6%) - of those killed were drivers
 - 203 (34.8%) - were passengers
 - 15 (2.6%) - were pedestrians
 - 6 (1.0%) - were unknown

- 251 or 43.1% were killed in alcohol-related accidents, 133 of which were 17- and 18-year old drivers using alcohol.
- Only 60 (11.9%) of the 505 fatalities in cars and trucks were wearing safety belts.
- Only 35 (54.7%) of the 64 fatalities on motorcycles were wearing helmets.
- 239 (41.0%) of the 17- and 18-year-old fatalities were involved with vehicles traveling over the posted speed limit.

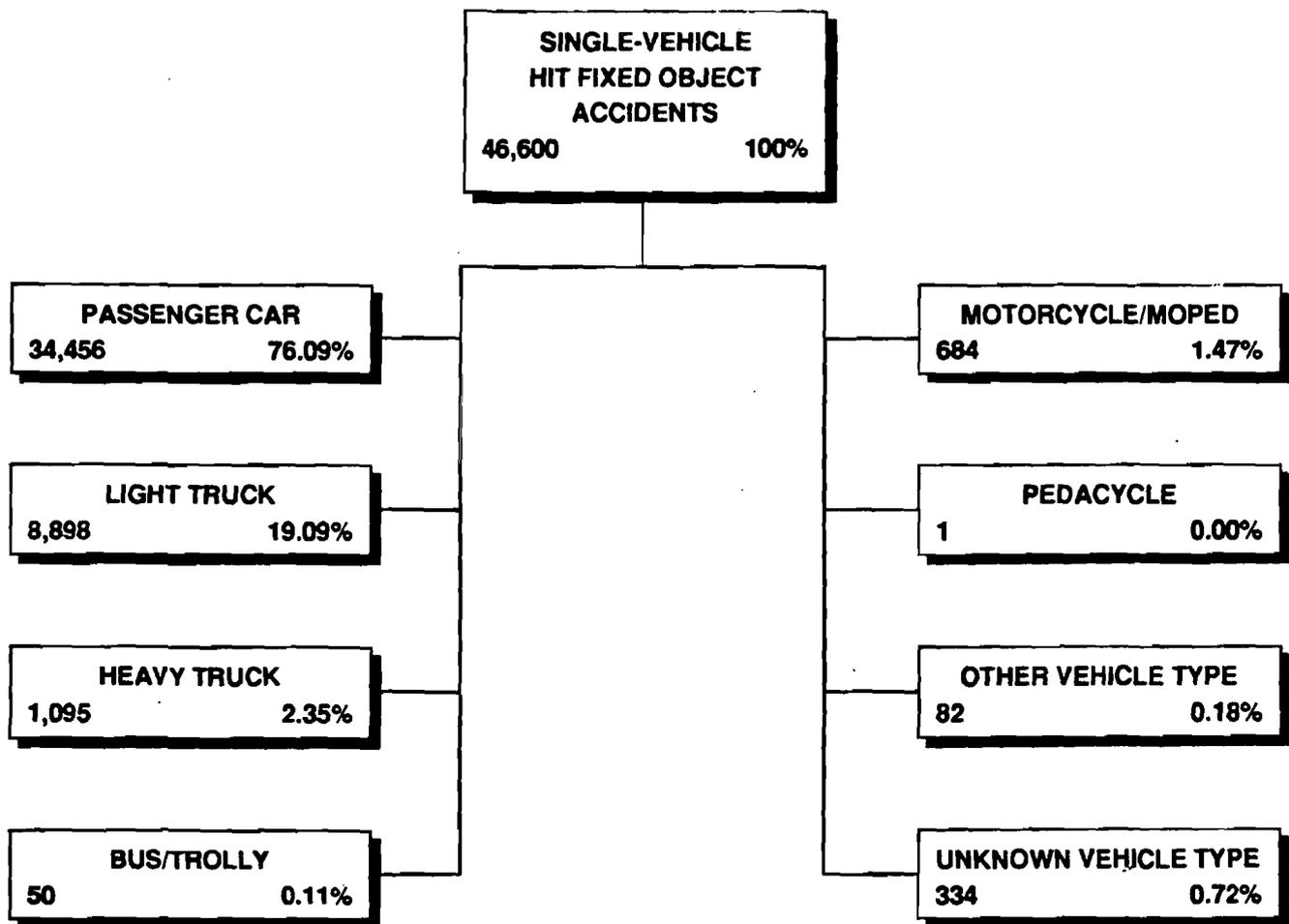
VIII. C Vehicle Characteristics

1990

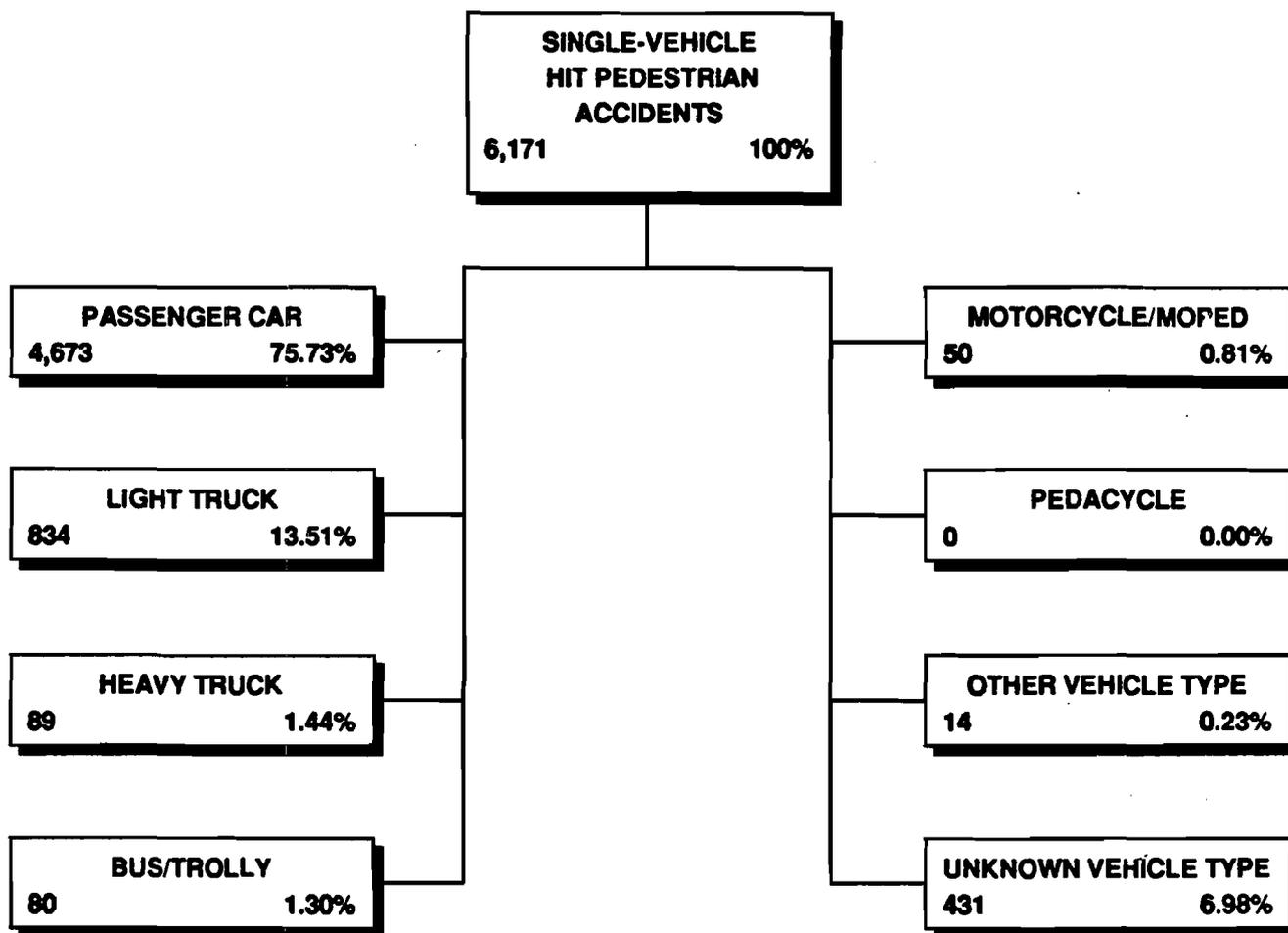
SINGLE VEHICLE NON-COLLISION ACCIDENTS



1990 SINGLE VEHICLE HIT FIXED OBJECT ACCIDENTS



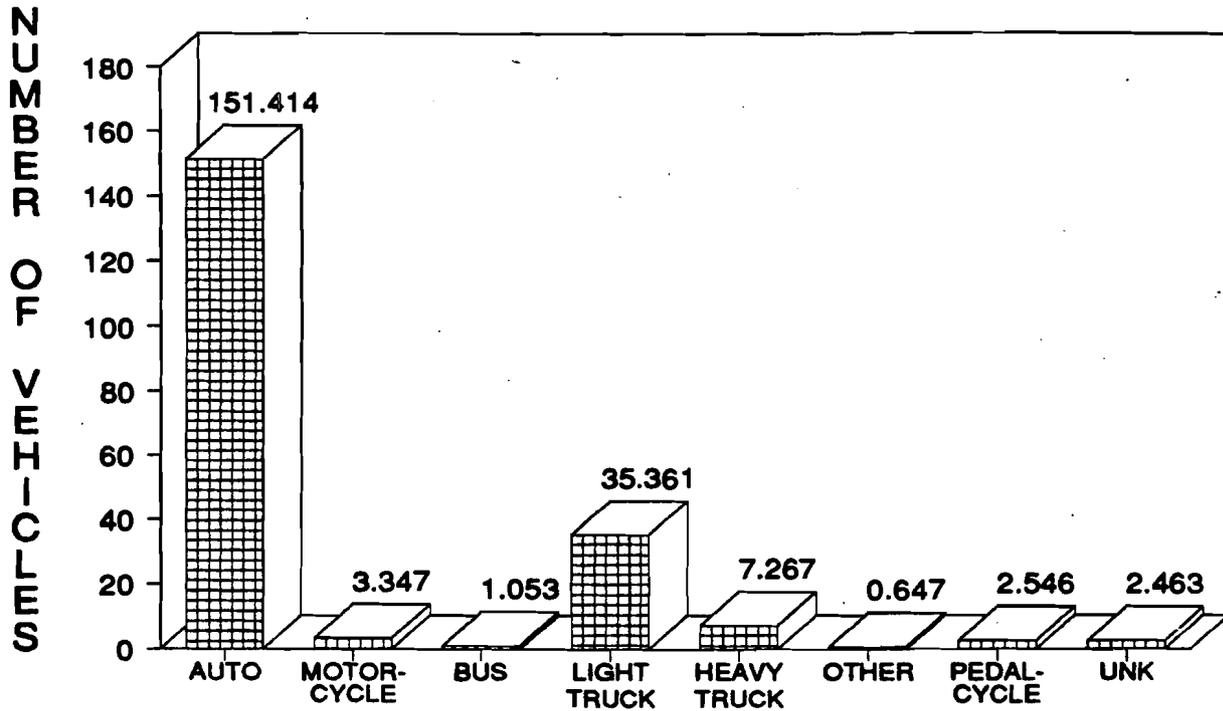
1990 SINGLE VEHICLE HIT PEDESTRIAN ACCIDENTS



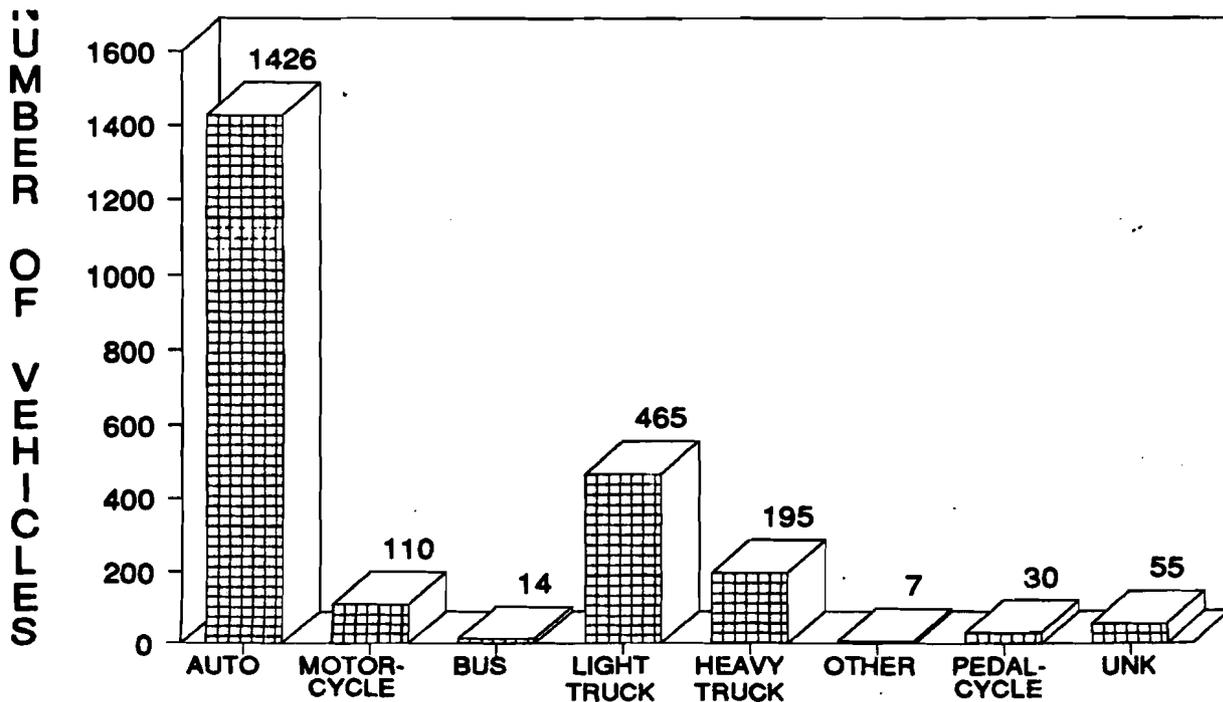
1990 TWO VEHICLE COLLISIONS

VEHICLE STRUCK / STRIKING VEHICLE	CAR	LIGHT TRUCK	HEAVY TRUCK	BUS/ TROLLEY	MOTORCYCLE/ MOPED	OTHER/ UNKNOWN	TOTAL ACCIDENTS
CAR	40,441	8,981	1,917	405	459	1,605	53,808
LIGHT TRUCK	8,716	2,218	524	85	100	307	11,950
HEAVY TRUCK	1,766	359	329	31	8	35	2,528
BUS/ TROLLEY	240	49	12	15	4	17	337
MOTORCYCLE/ MOPED	837	184	26	5	35	36	1,123
OTHER/ UNKNOWN	1,902	293	39	30	29	204	2,497
TOTAL ACCIDENTS	53,902	12,084	2,847	571	635	2,204	72,243

1990 VEHICLE INVOLVEMENT IN ACCIDENTS



1990 VEHICLE INVOLVEMENT IN FATAL ACCIDENTS

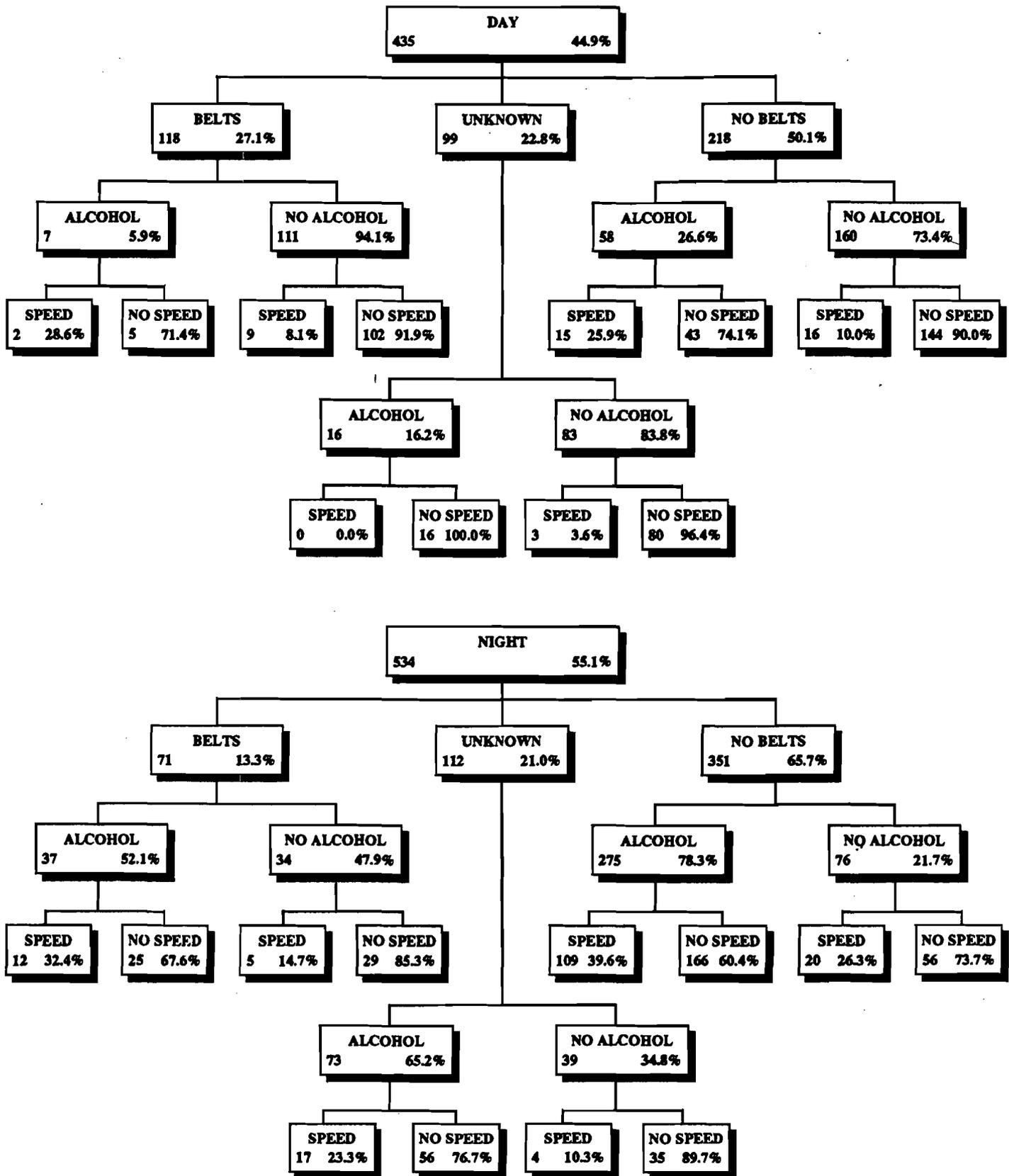


1990 PASSENGER CAR ACCIDENTS

	ALL ACCIDENTS	FATAL ACCIDENTS
Vehicle Registration:		
Pennsylvania	137,958 (91.11%)	1,110 (92.04%)
Out of State	11,808 (7.80%)	93 (7.71%)
Not Applicable/Unknown	1,648 (1.09%)	3 (0.25%)
 Operator License:		
Pennsylvania	131,652 (86.95%)	1,083 (89.80%)
Out of State	12,117 (8.00%)	85 (7.05%)
No license	2,689 (1.78%)	33 (2.74%)
Not Applicable/Unknown	4,956 (3.27%)	5 (0.41%)

1990 PASSENGER CAR FATALITIES*

969 100%



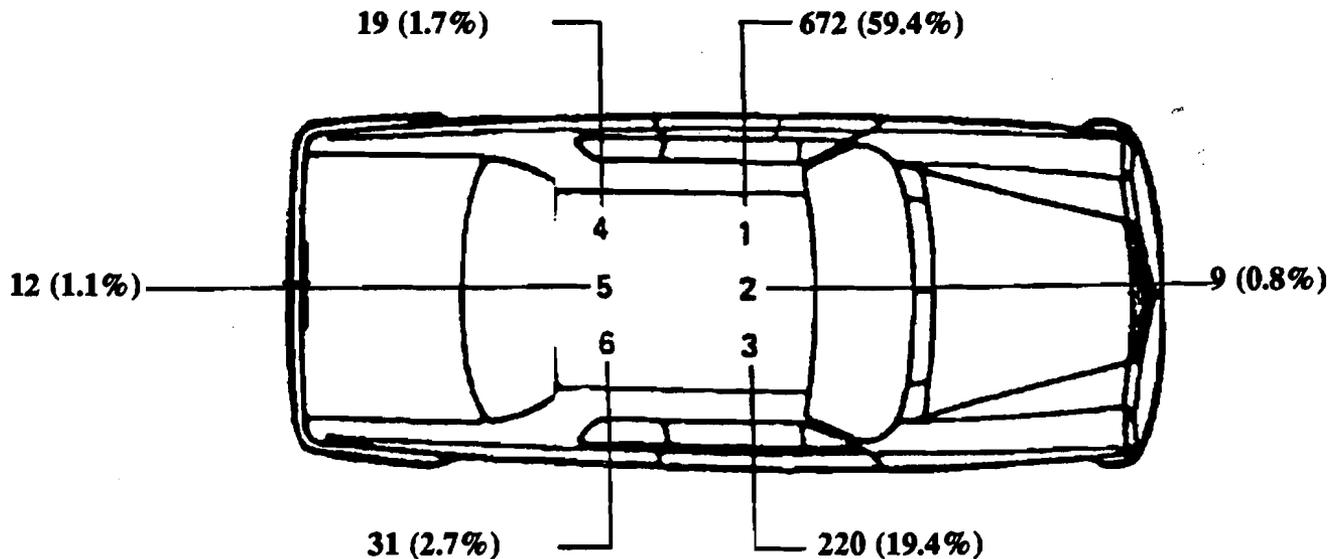
* PEDESTRIANS EXCLUDED

1990

SEATING POSITION OF PASSENGER CAR FATALITIES

PASSENGER CAR FATALITIES IN 1990: 1,132 (68.77%)
OF THE TOTAL HIGHWAY DEATHS IN 1990
OPERATORS KILLED: 672 (59.4%) PASSENGERS KILLED: 291 (25.7%)

PASSENGER CAR FATALITIES BY SEATING POSITION:



7 = 163 (14.4%)

8 = 2 (0.2%)

9 = 4 (0.4%)

LEGEND:

1 = DRIVER

2 = CENTER FRONT

3 = RIGHT FRONT

4 = LEFT REAR PASSENGER OR MOTORCYCLE/PEDACYCLE REAR PASSENGER OR LEFT SIDE PASSENGER ON A BUS OR VAN, ETC.

5 = CENTER REAR

6 = RIGHT REAR PASSENGER OR MOTORCYCLE SIDECAR PASSENGER OR RIGHT SIDE PASSENGER ON A BUS OR VAN, ETC.

7 = PEDESTRIAN

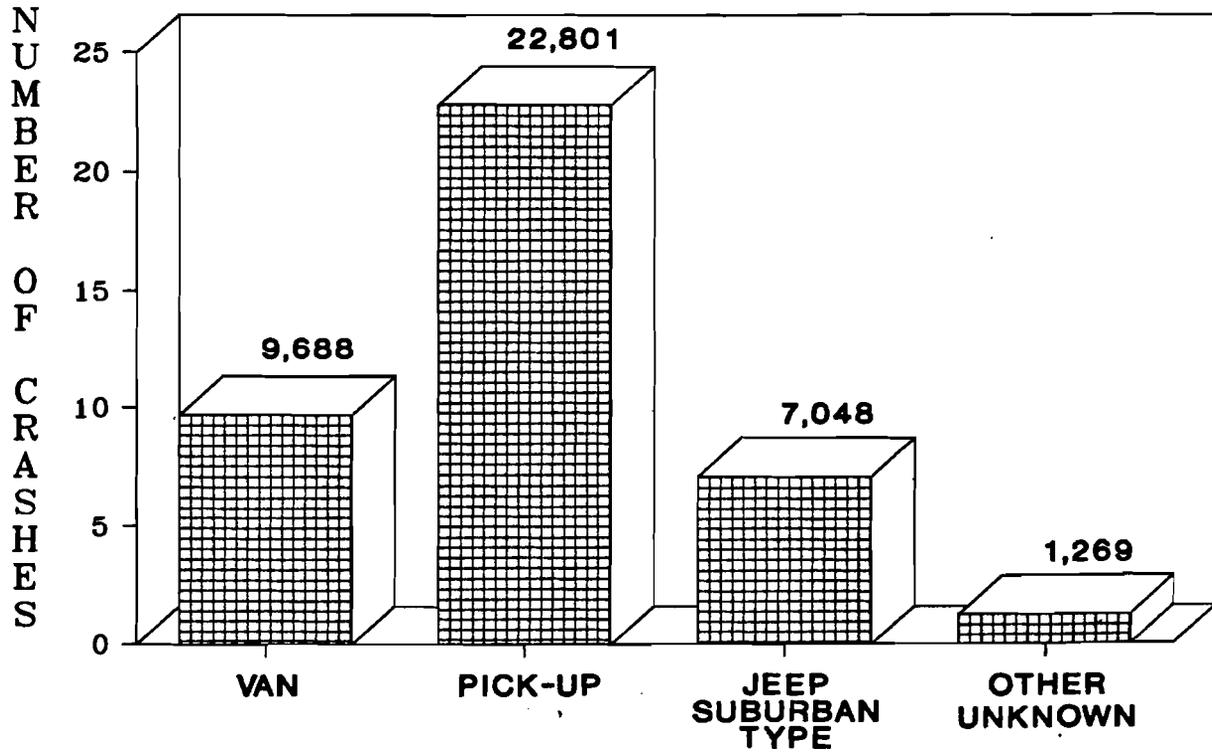
8 = ANY PERSON IN THE REARMOST SEATS OF A STATION WAGON; PERSONS IN THE REAR OF A PICKUP TRUCK; ANY PERSON RIDING ON OR ATTACHED TO THE OUTSIDE OF A VEHICLE

9 = ANY TOWED UNIT/OTHER

1990 LIGHT TRUCK ACCIDENTS

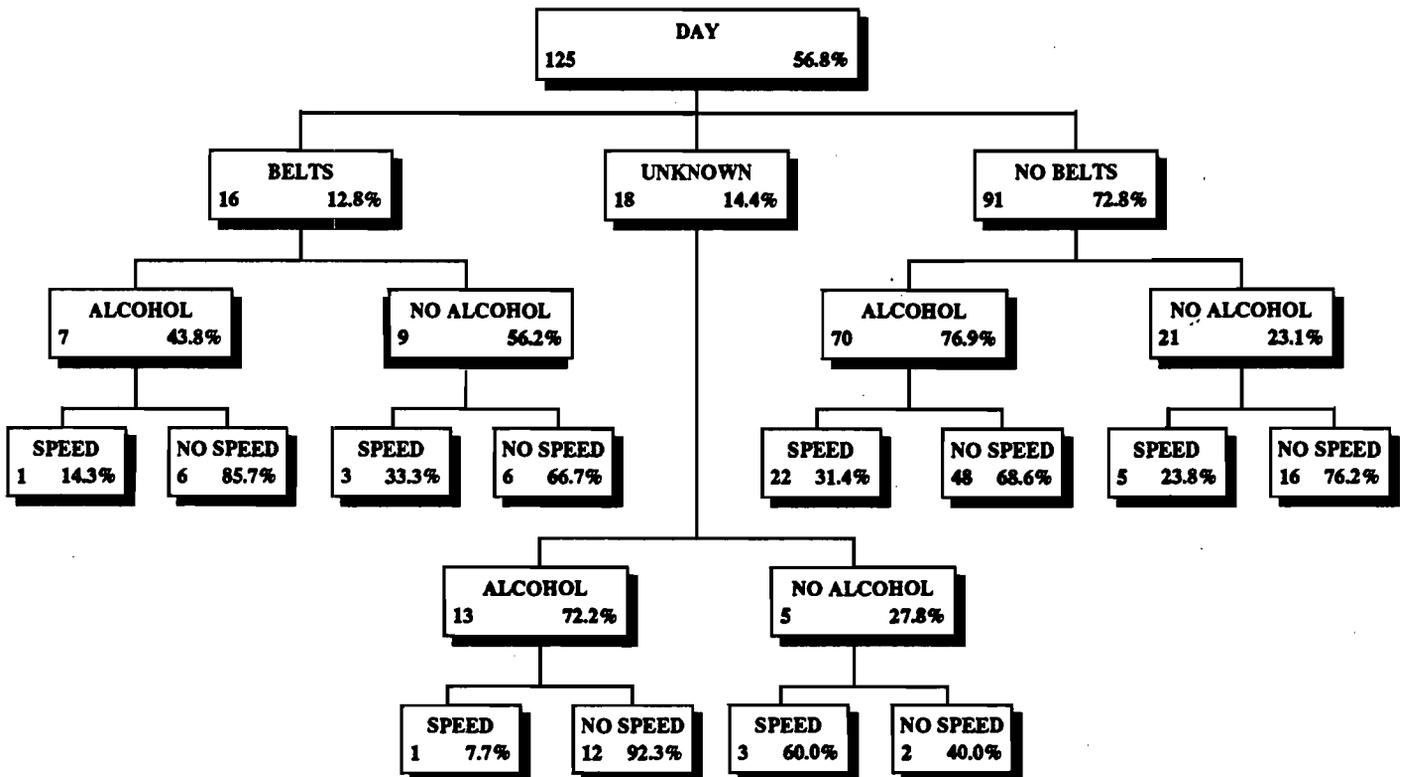
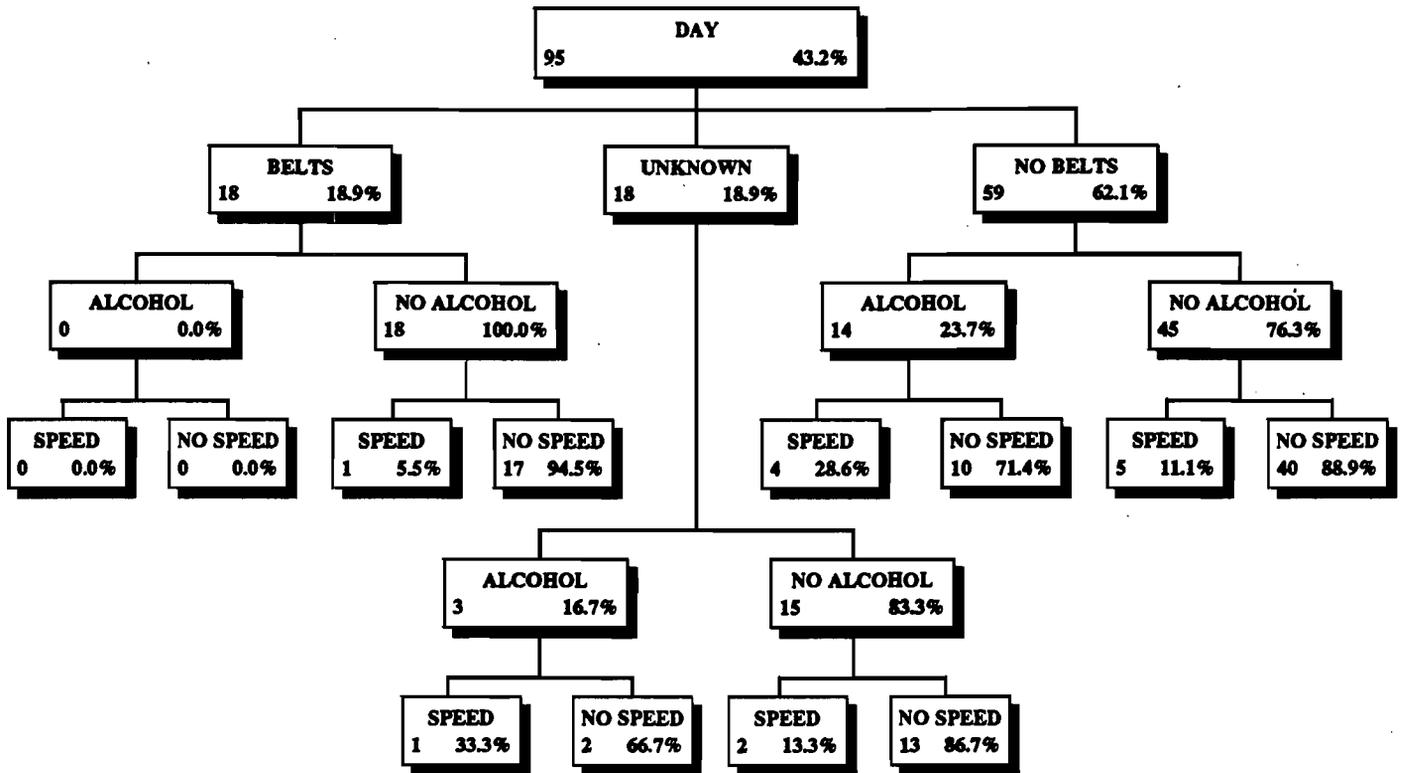
	ALL ACCIDENTS	FATAL ACCIDENTS
Vehicle Registration:		
Pennsylvania	31,977 (90.43%)	365 (92.41%)
Out of State	2,980 (8.43%)	28 (7.09%)
Not Applicable/Unknown	404 (1.14%)	2 (0.51%)
 Operator License:		
Pennsylvania	31,135 (88.05%)	358 (90.63%)
Out of State	2,985 (8.44%)	24 (6.08%)
No license	293 (0.83%)	9 (2.28%)
Not Applicable/Unknown	948 (2.68%)	4 (1.01%)

**1990
LIGHT TRUCK CRASHES
BY TYPE**



1990 LIGHT TRUCK FATALITIES*

220 100%



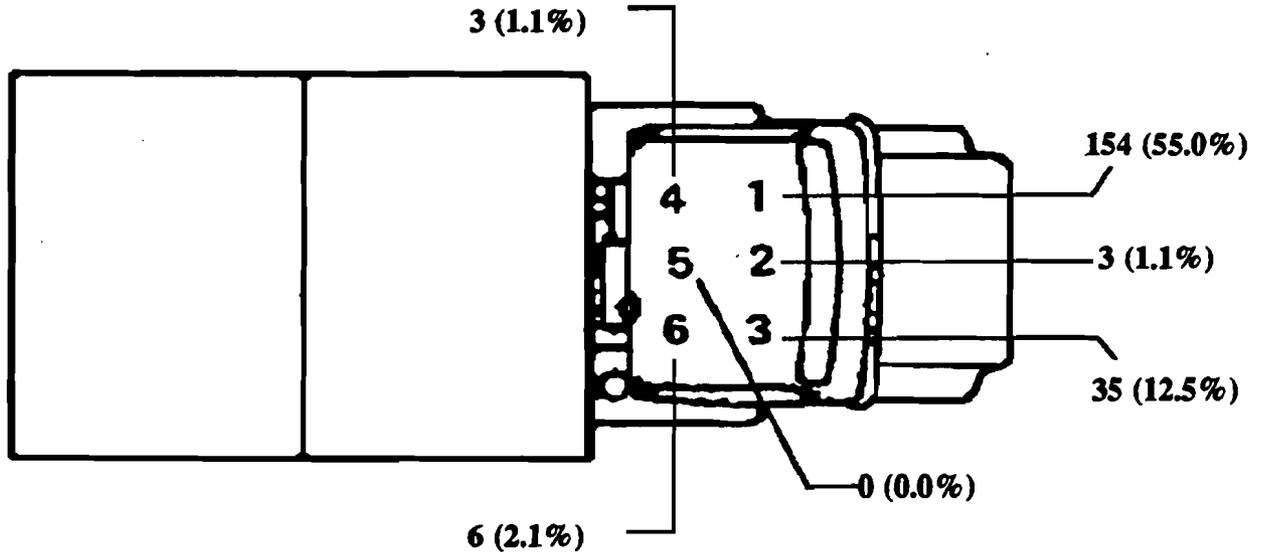
* PEDESTRIANS EXCLUDED

1990

SEATING POSITION OF LIGHT TRUCK FATALITIES

SINGLE UNIT TRUCK OCCUPANTS KILLED IN 1990: 280 (17.01%)
OF THE TOTAL HIGHWAY DEATHS IN 1990
OPERATORS KILLED: 154 (55.0%) **PASSENGERS KILLED: 47 (16.8%)**

LIGHT UNIT TRUCK FATALITIES BY SEATING POSITION:



- 7 = 60 (21.4%)
- 8 = 16 (5.7%)
- 9 = 3 (1.1%)

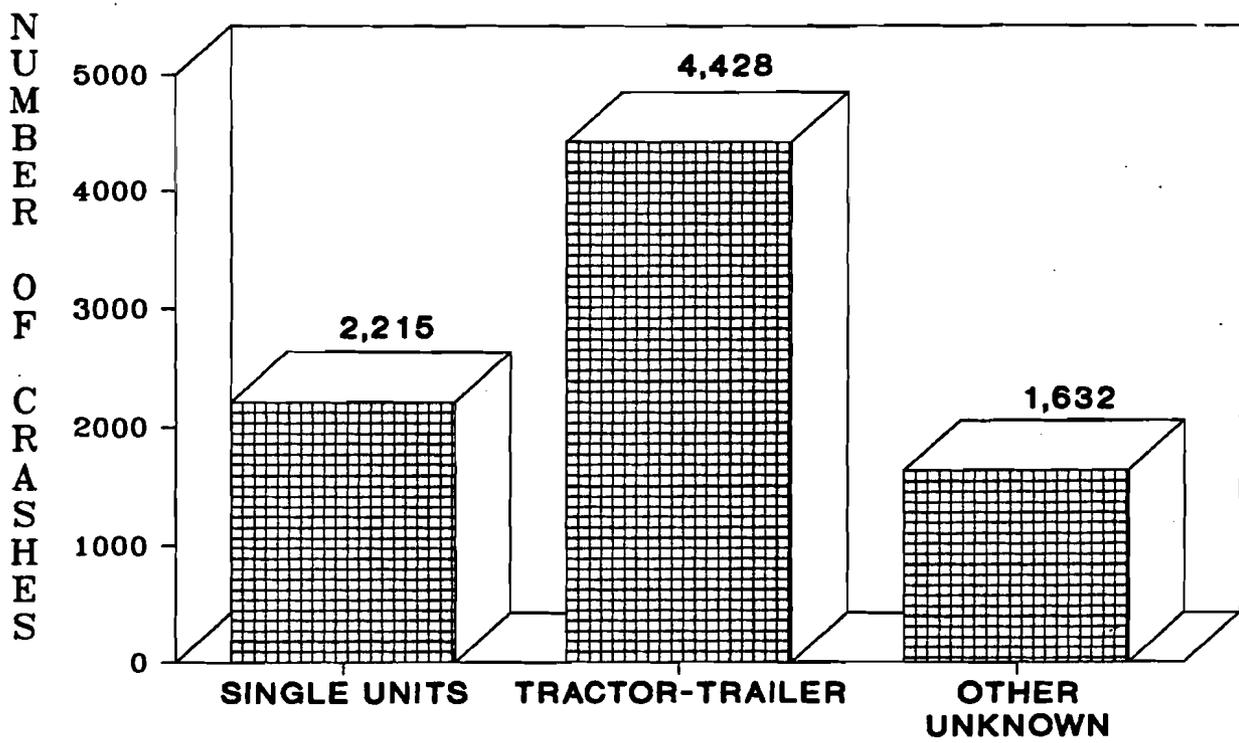
LEGEND:

- 1 = DRIVER
- 2 = CENTER FRONT
- 3 = RIGHT FRONT
- 4 = LEFT REAR PASSENGER OR MOTORCYCLE/PEDACYCLE REAR PASSENGER OR LEFT SIDE PASSENGER ON A BUS OR VAN, ETC.
- 5 = CENTER REAR
- 6 = RIGHT REAR PASSENGER OR MOTORCYCLE SIDECAR PASSENGER OR RIGHT SIDE PASSENGER ON A BUS OR VAN, ETC.
- 7 = PEDESTRIAN
- 8 = ANY PERSON IN THE REARMOST SEATS OF A STATION WAGON; PERSONS IN THE REAR OF A PICKUP TRUCK; ANY PERSON RIDING ON OR ATTACHED TO THE OUTSIDE OF A VEHICLE
- 9 = ANY TOWED UNIT/OTHER

1990 HEAVY TRUCK ACCIDENTS

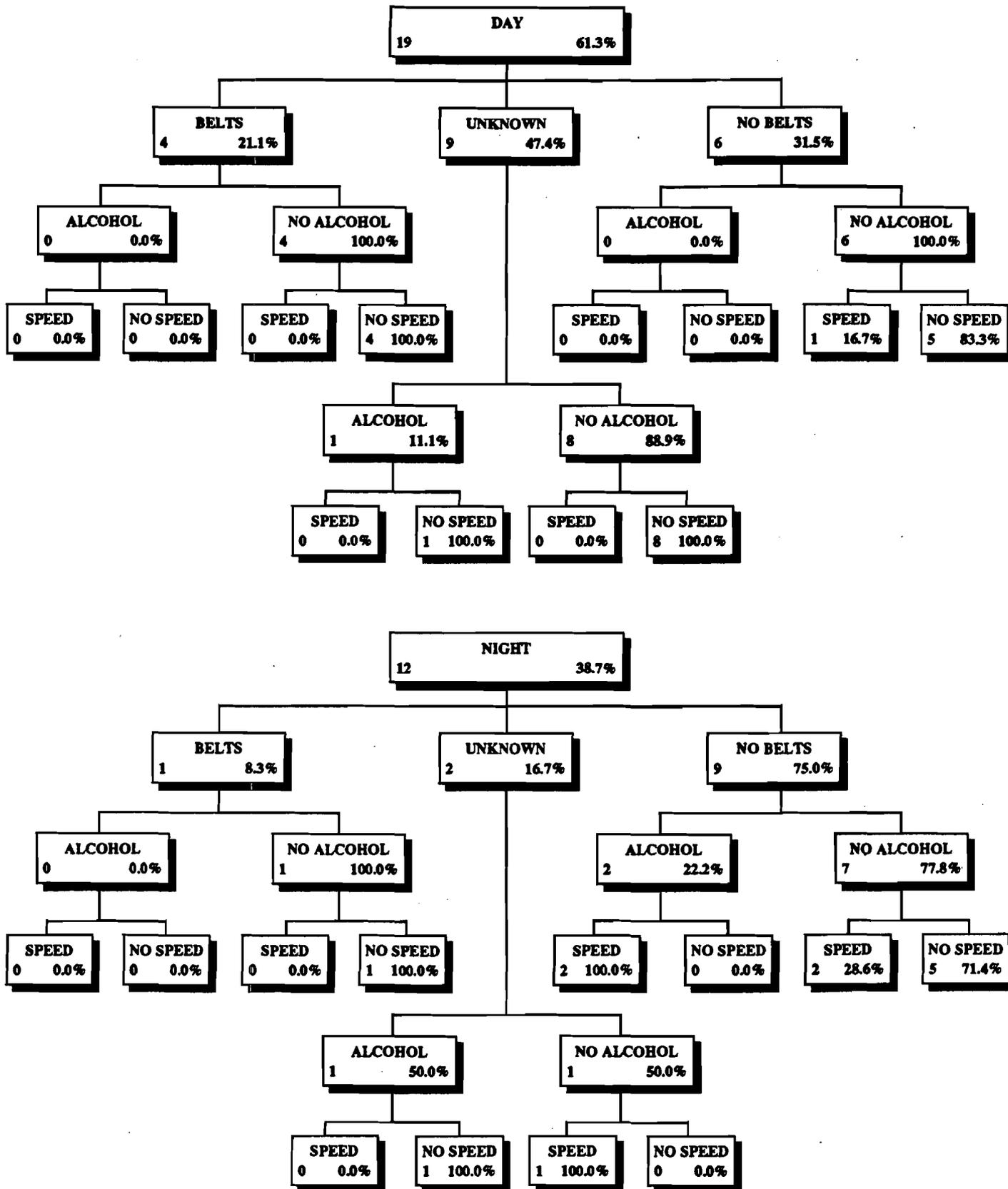
	ALL ACCIDENTS	FATAL ACCIDENTS
Vehicle Registration:		
Pennsylvania	4,393 (60.45%)	95 (59.01%)
Out of State	2,673 (36.78%)	65 (40.37%)
Not Applicable/Unknown	201 (2.77%)	1 (0.62%)
 Operator License:		
Pennsylvania	4,677 (64.36%)	99 (61.49%)
Out of State	2,314 (31.84%)	58 (36.02%)
No license	8 (0.11%)	1 (0.62%)
Not Applicable/Unknown	268 (3.69%)	3 (1.86%)

**1990
HEAVY TRUCK CRASHES
BY TYPE**



1990 HEAVY TRUCK FATALITIES*

31 100%



* PEDESTRIANS EXCLUDED

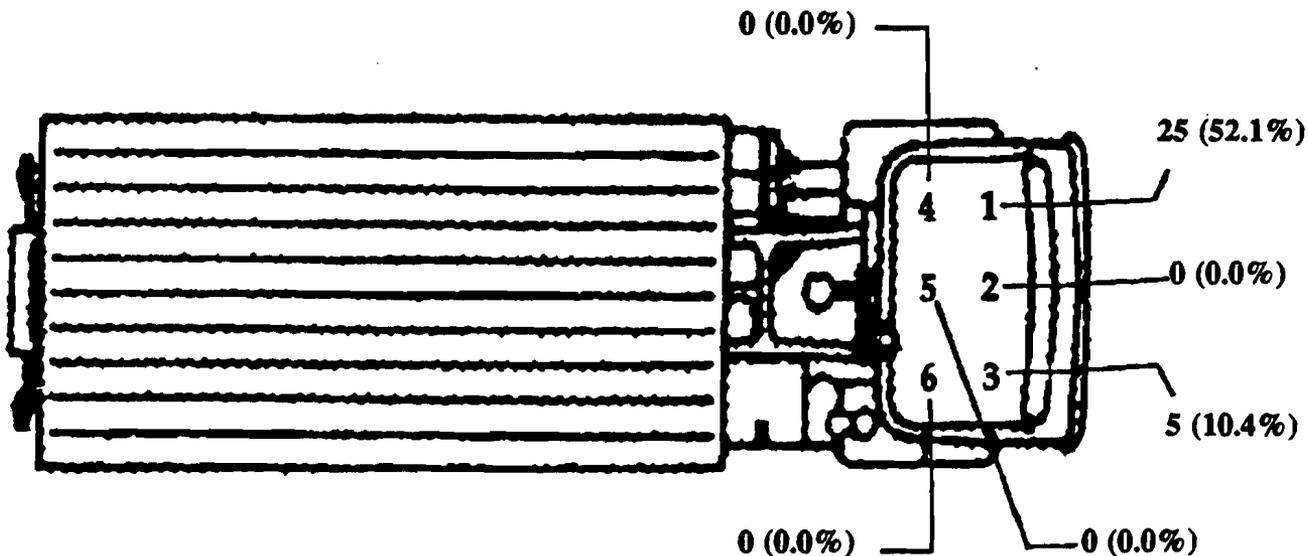
1990

SEATING POSITION OF HEAVY TRUCK FATALITIES

**HEAVY TRUCK FATALITIES IN 1990: 48 (2.91%)
OF THE TOTAL HIGHWAY DEATHS IN 1990**

OPERATORS KILLED: 25 (52.1%) PASSENGERS KILLED: 5 (10.4%)

TRUCK FATALITIES BY SEATING POSITION:



7 = 17 (35.4%)
8 = 1 (5.7%)
9 = 0 (0.0%)

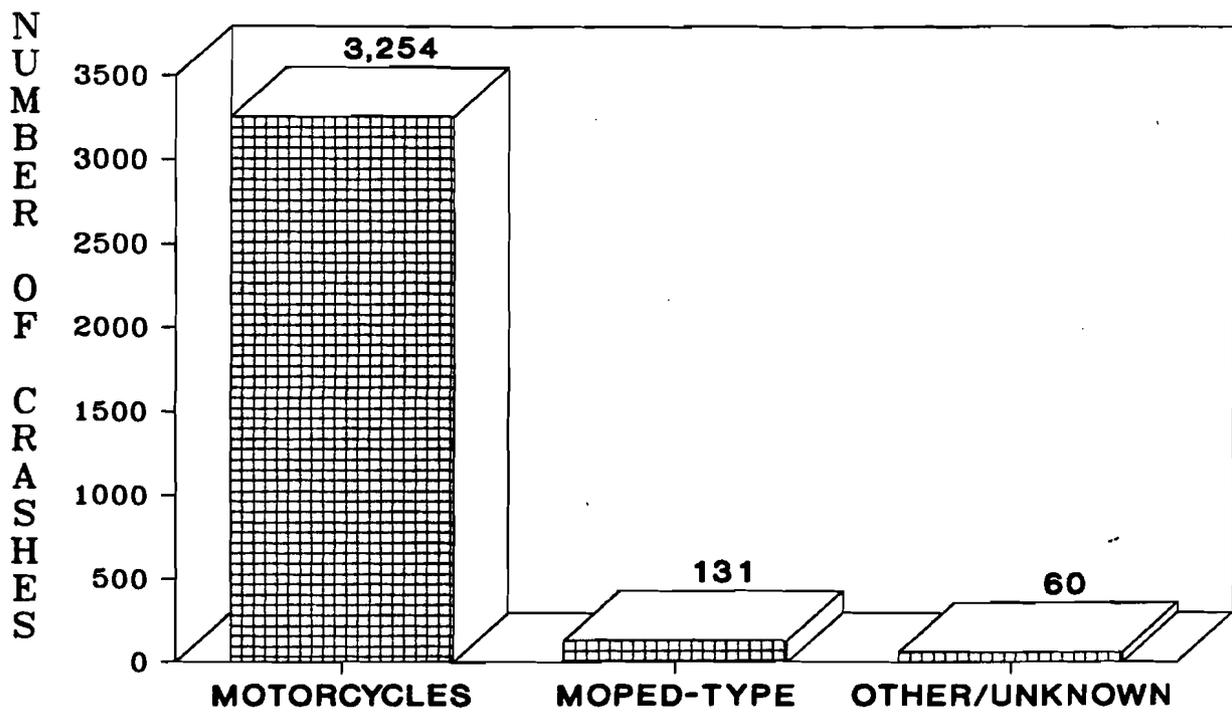
LEGEND:

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- 6 = RIGHT REAR PASSENGER OR MOTORCYCLE SIDECAR PASSENGER OR RIGHT SIDE PASSENGER ON A BUS OR VAN, ETC.
- 7 = PEDESTRIAN
- 8 = ANY PERSON IN THE REAR MOST SEATS OF A STATION WAGON; PERSONS IN THE REAR OF A PICKUP TRUCK; ANY PERSON RIDING ON OR ATTACHED TO THE OUTSIDE OF A VEHICLE
- 9 = ANY TOWED UNIT/OTHER

1990 MOTORCYCLE ACCIDENTS

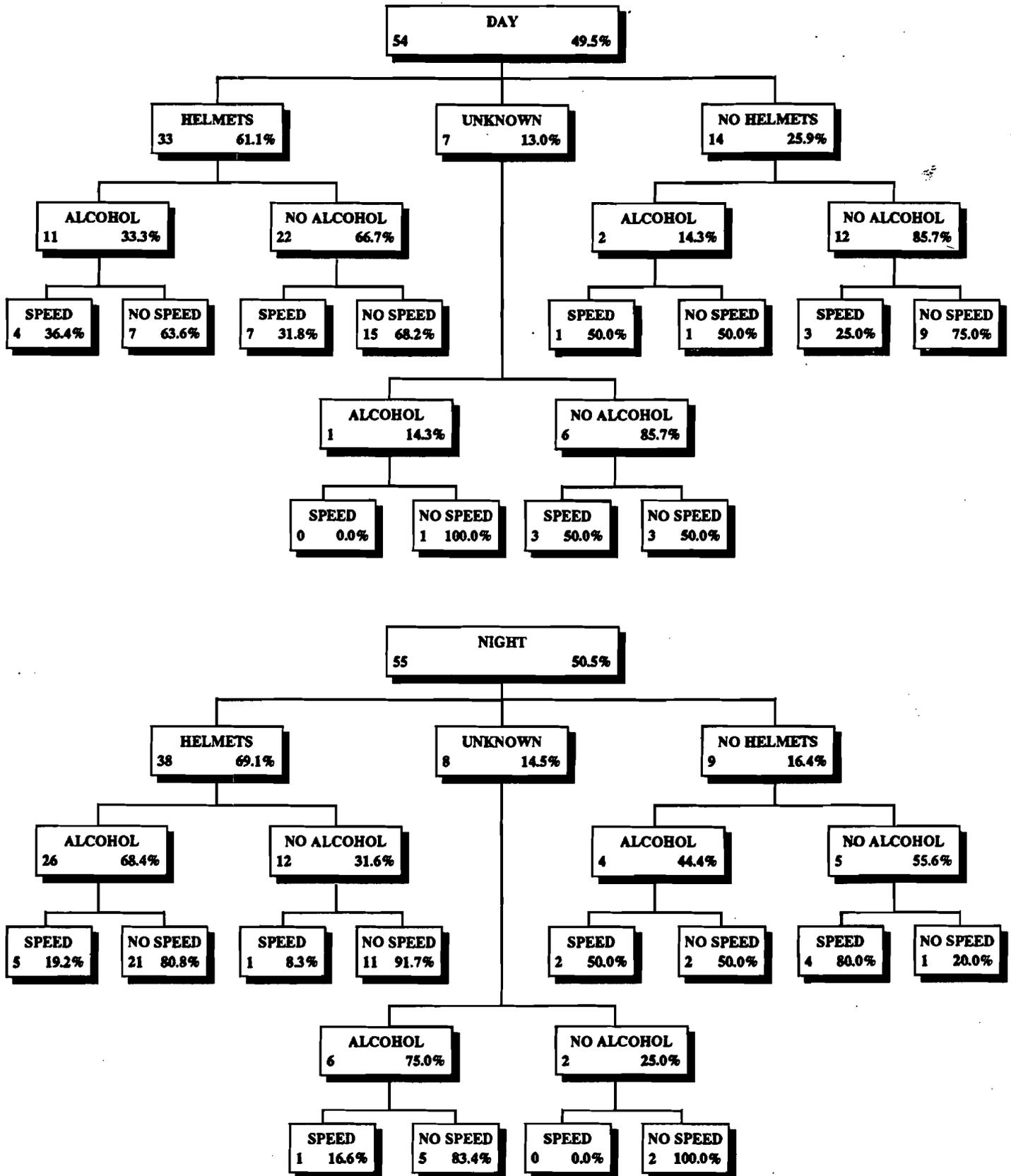
	ALL ACCIDENTS	FATAL ACCIDENTS
Vehicle Registration:		
Pennsylvania.....	2,936 (87.92%).....	88 (86.27%)
Out of State.....	211 (6.30%).....	9 (8.82%)
Not Applicable/Unknown.....	200 (5.98%).....	5 (4.90%)
 Operator License:		
Pennsylvania.....	2,861 (85.48%).....	85 (83.33%)
Out of State.....	195 (5.83%).....	7 (6.86%)
No license	187 (5.59%).....	9 (8.82%)
Not Applicable/Unknown.....	104 (3.11%).....	1 (0.98%)

1990 MOTORCYCLE ACCIDENTS BY TYPE



1990 MOTORCYCLE FATALITIES*

109 100%



* PEDESTRIANS EXCLUDED

1990

SEATING POSITION OF MOTORCYCLE FATALITIES

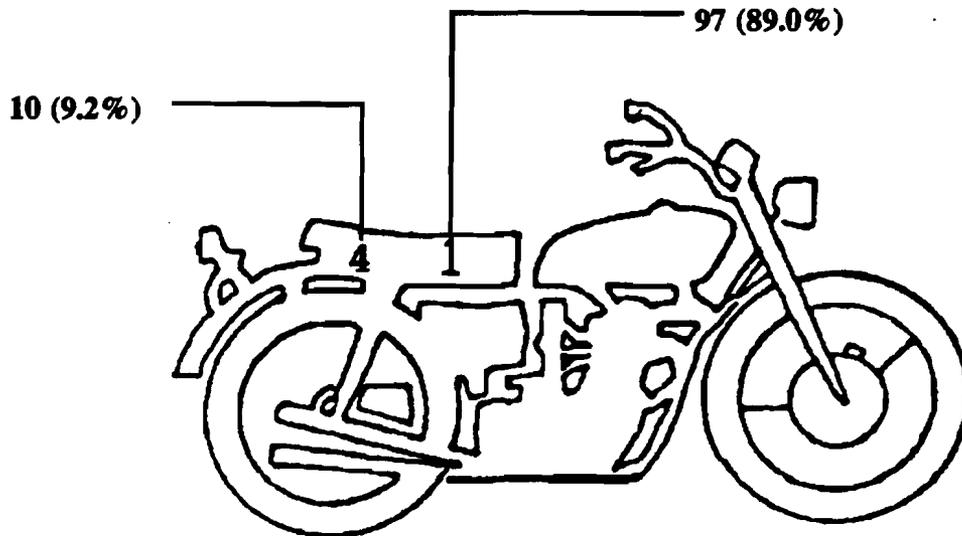
MOTORCYCLE FATALITIES IN 1990: 109 (6.62%)

OF THE TOTAL HIGHWAY DEATHS IN 1990

OPERATORS KILLED: 97 (89.9%)

PASSENGERS KILLED: 10 (9.2%)

MOTORCYCLE FATALITIES BY SEATING POSITION:



8 = 2 (0.2%)

LEGEND:

1 = DRIVER

4 = LEFT REAR PASSENGER OR MOTORCYCLE/PEDACYCLE REAR PASSENGER OR LEFT SIDE PASSENGER ON A BUS OR VAN, ETC.

8 = ANY PERSON IN THE REARMOST SEATS OF A STATION WAGON; PERSONS IN THE REAR OF A PICKUP TRUCK; ANY PERSON RIDING ON OR ATTACHED TO THE OUTSIDE OF A VEHICLE

1990 PEDALCYCLE ACCIDENTS

NUMBER OF ACCIDENTS INVOLVING PEDACYCLES IN 1990:

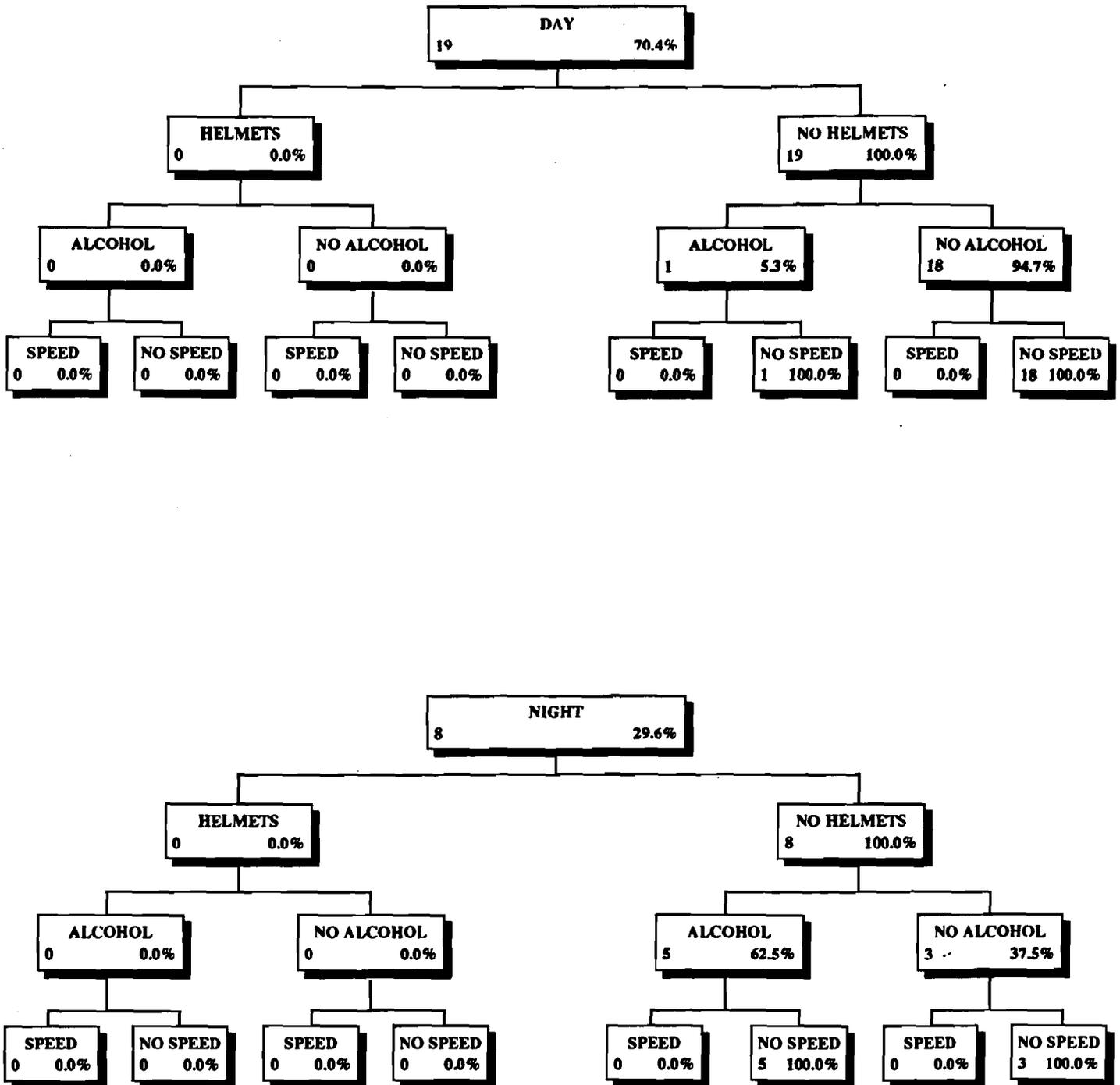
2,590

NUMBER OF PEDACYCLISTS INVOLVED IN FATAL ACCIDENTS IN 1990:

27

1990 PEDALCYCLE FATALITIES*

27 100%



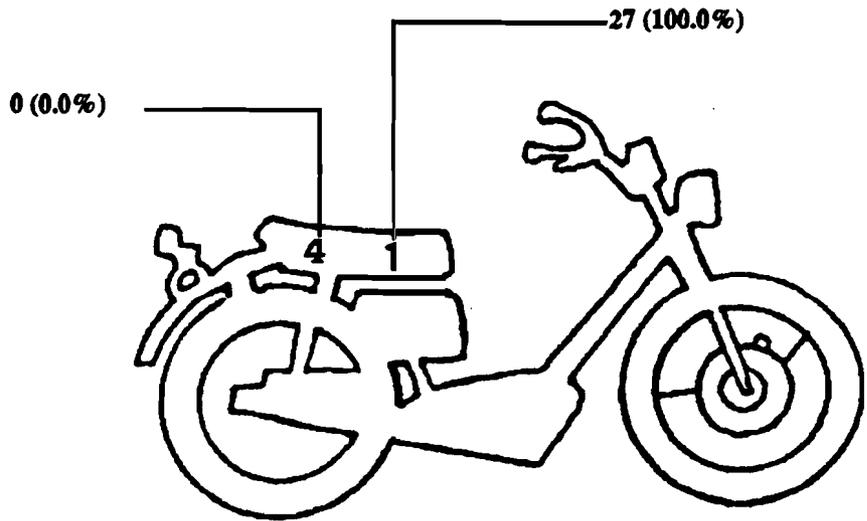
* PEDESTRIANS EXCLUDED

1990

SEATING POSITION OF PEDACYCLIST FATALITIES

**PEDACYCLIST FATALITIES IN 1990: 27 (1.64%)
OF THE TOTAL HIGHWAY DEATHS IN 1990
OPERATORS KILLED: 27 (100.0%) PASSENGERS KILLED: 0 (0.0%)**

PEDALCYCLIST FATALITIES BY SEATING POSITION:



LEGEND:

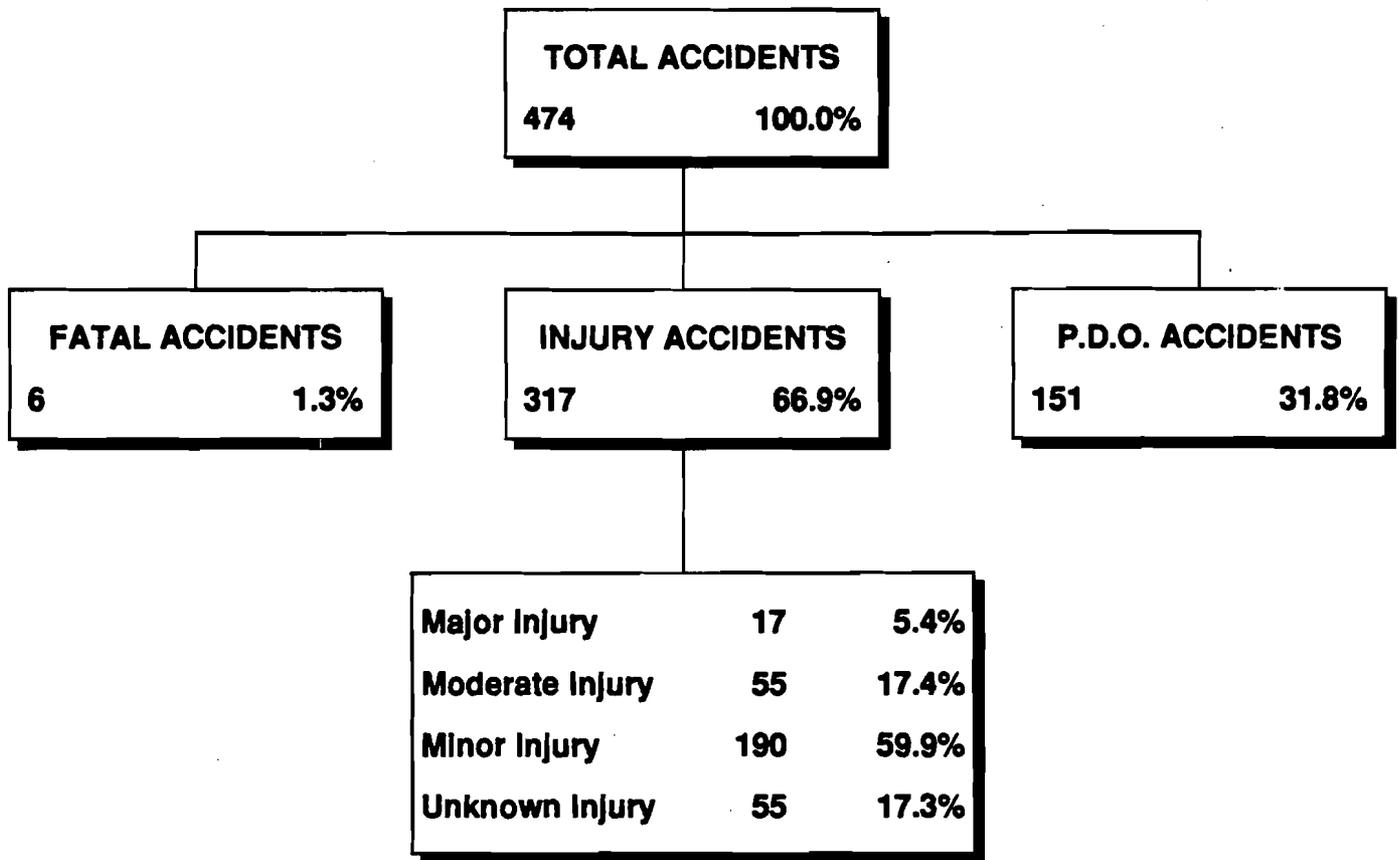
1 = DRIVER

4 = LEFT REAR PASSENGER OR MOTORCYCLE/PEDACYCLE REAR PASSENGER OR LEFT SIDE PASSENGER ON A BUS OR VAN, ETC.

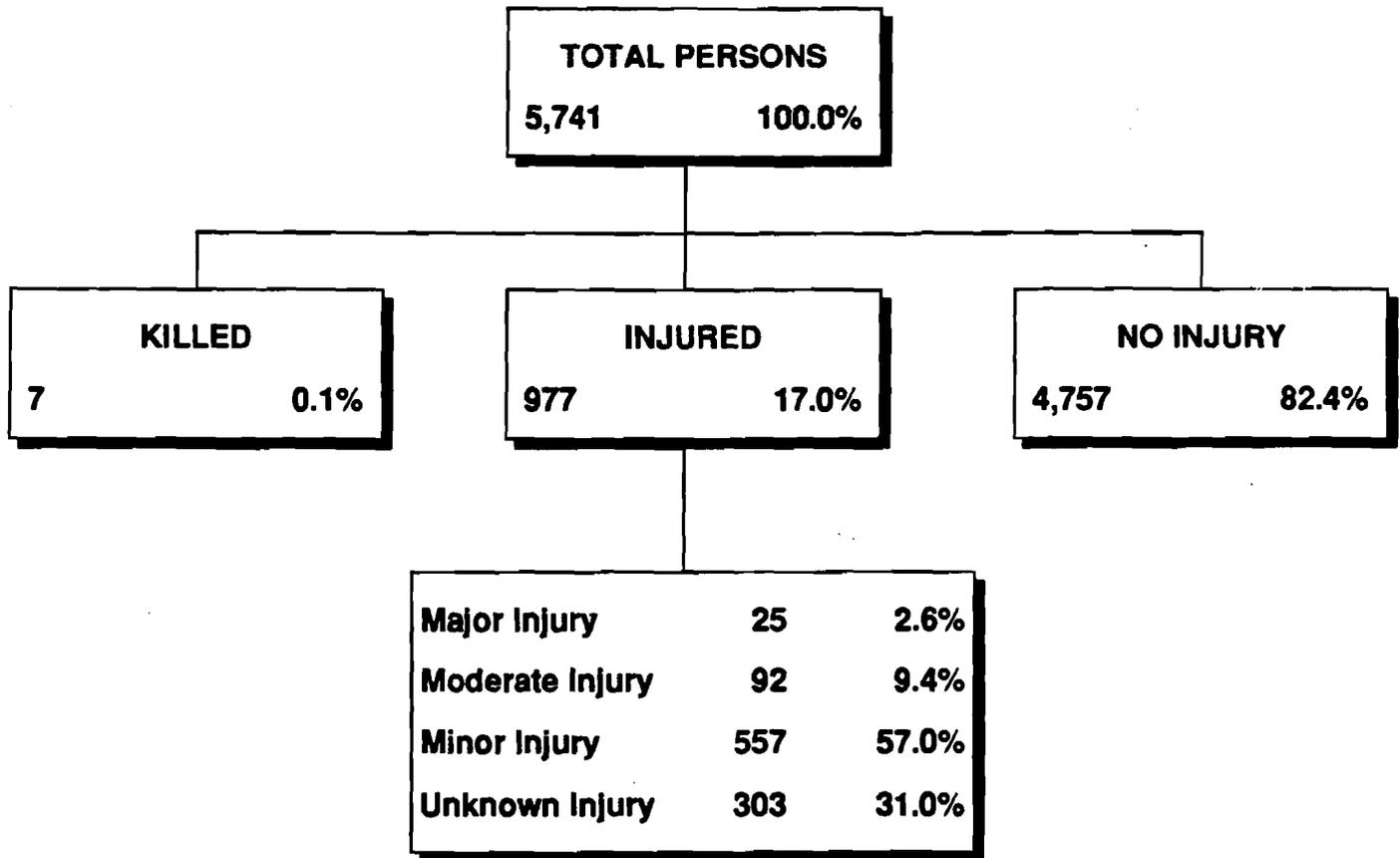
ACCIDENTS INVOLVING SCHOOL BUSES IN PUPIL TRANSPORT 1986-1990

YEAR	ACCIDENT SEVERITY				PERSONS KILLED	PERSONS INJURED
	FATAL	INJURY	P.D.O.	TOTAL		
1986	4	323	187	514	4	723
1987	8	312	156	476	8	911
1988	5	265	111	381	6	741
1989	2	297	160	459	2	867
1990	6	317	151	474	7	977

1990 SCHOOL BUS ACCIDENTS IN PUPIL TRANSPORT



1990 SCHOOL BUS ACCIDENTS IN PUPIL TRANSPORT PERSONS INVOLVED



**PERSONS KILLED IN ACCIDENTS INVOLVING SCHOOL BUSES
IN PUPIL TRANSPORTATION
1986 - 1990**

YEAR	SCHOOL BUS DRIVERS	SCHOOL BUS PASSENGER	PEDESTRIANS HIT BY SCHOOL BUS		DRIVER/PASSENGER OF OTHER VEHICLE	TOTAL
			SCHOOL-AGE	OTHER		
1986	0	0	1	1	2	4
1987	0	1	1	0	6	8
1988	1	2	0	1	2	6
1989	0	0	0	0	2	2
1990	0	1	2	0	4	7
5-YEAR TOTAL	1	4	4	2	16	27

IX. DEFINITIONS

DEFINITIONS

The following is a list of terms and definitions frequently used in this report.

- **Accident Description:** A description which characterizes the first harmful event which caused the accident to be reportable and is described as one of the following:
- **Non-Collision:** A harmful event that does not involve a collision with a fixed object or a non-fixed object. These events include explosion, fire, overturn immersion, vehicle being struck by a flying object.
- **Angle Collision:** A collision in which the colliding vehicles are on opposite roadways at the point of intersection, such as a driveway entrance ramp, or road intersection.
- **Rear-End Collision:** A collision where vehicles, traveling in the same direction on the same road, collide.
- **Head-On Collision:** A collision where vehicles, traveling in opposite directions on the same road, collide.
- **Sideswipe:** A collision between two vehicles in which the sides of both vehicles sustained minimal engagements.
- **Hit Fixed Object:** A collision in which a vehicle collides with objects attached to the terrain or stationary objects intentionally placed for a particular purpose.
- **Hit Pedestrian:** A collision between one or more motor vehicles and any person(s) not in or upon any of the vehicles.
- **DUI:** Driving Under The Influence.
- **BAC:** Blood Alcohol Content, the percent of alcohol in the blood stream. Drivers with a BAC of 0.10% or greater are prohibited from driving a vehicle in Pennsylvania.
- **Growth Rate:** The slope of the regression line of the data over a period of time (generally 5 years in this book) expressed in terms of a year. The *average* annual increase or decrease over the time period.

ACCIDENT SEVERITY:

- **Fatal Accident:** An accident in which one or more of the involved persons died within 30 days of the accident.
- **Injury Accident:** An accident in which none of the involved were killed but at least one was injured.
- **Property Damaged Only Accident (P.D.O.):** A reportable accident where no one was killed or injured, but damage to the vehicle required towing.
- **Alcohol Related Accident:** Any reportable accident in which one or more of the drivers was reported to have been drinking, or a drinking pedestrian was involved.
- **Holidays:** The holiday weekend begins at 6:00 p.m. of the last working day and ends at midnight on the last day of the holiday. Pre-holiday weekends and post-holiday weekends are time periods equivalent to that of the holiday occurring the weekend before or the weekend after the holiday, respectively. It is significant to look at these statistics because, in many instances, the number of accidents and/or fatalities (injuries) are equal to, or greater than, those occurring on the actual holiday weekend.

INJURY SEVERITY:

- **Major Injury:** Any injury other than fatal which by its severity requires immediate emergency transport, such as by ambulance, to a hospital or clinic for medical treatment and/or hospitalization. Major injuries would include amputation of limb(s), severe burns, etc..
- **Moderate Injury:** Any injury which may require some form of medical treatment, but is not life threatening or incapacitating. These injuries should be visible. Moderate injuries would include a cut which requires several stitches or a broken finger or toe.
- **Minor Injury:** An injury which can be treated by first aid application whether at the scene of the accident or in a medical facility. Complaints of injuries which are not visible, and do not appear to be of any major or moderate nature, should be considered as minor injuries.

PERSON TYPE:

- **Operator:** The occupant of a vehicle who is in actual physical control of a vehicle in transport or, for an out-of-control vehicle, the occupant who was in control before control was lost.
- **Occupant:** Any person who is in or upon a vehicle, including the driver, passengers, and persons riding on the outside of the vehicle.
- **Passenger:** Any occupant of a vehicle who is not the driver.
- **Pedestrian:** Any person not in or upon a vehicle.

REPORTABLE ACCIDENTS:

- **Highway Accidents Characterized by the following:**
 - Accidents resulting in a death within at least 30 days of the accident or injury to any persons involved.
 - Accidents resulting in damage to any vehicle serious enough to demand towing.

VEHICLES TYPES:

- **Passenger Car:** Vehicle designed to transport 8 persons or less. Includes: Convertible, hardtop, sedan, station wagon, limosine, etc..
- **Light Truck:** Vehicle consisting primarily of a single motorized transport device designed for carrying a load of property on or in the device. Includes: Jeep, pickup truck, van (excluding moving horse), tow truck.
- **Heavy Truck:** In the context of this publication, includes tractor (cab only), and tractor-trailer combination.
- **Bus:** Vehicle designed to transport more than 8 persons. Includes: School Bus, cross-country, urban transit, trackles trolley.
- **Motorcycle Body Type:** Includes motorcycle, mo-ped, mini-bike, motor scooter, trike (motorized tricycle), go-cart, vendor cycle.
- **Pedacycle:** Any non-motorized vehicle propelled by pedaling. Includes: Unicycle, bicycle, tricycle, big wheel.
- **Special Motorized Vehicle:** Includes ambulance, hearse, snow mobile, farm tractor, motorized farm equipment, self-propelled campers and homes, motorized construction equipment, dune buggy, swamp buggy (ATV).
- **Track/Non-Motorized Vehicle:** Includes train, trolley, horse and buggy, horse and rider.