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Accidents of Motor Carriers of Passengers 1980-1981

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Introduction

This publication contains a compilation of accident reports furnished directly to the Federal Highway Administration's Bureau of Motor Carrier Safety (BMCS) by motor carriers of passengers operating in interstate or foreign commerce. Reports are filed for accidents resulting in death, injuries which involve medical treatment away from the scene of the accident, or property damage of \$2,000 or more. In calendar years 1980 and 1981 reports of 1,580 accidents were filed. These reports show a total of 169 deaths, 3,752 injuries and \$9.9 million in property damage.

The accident reports have proven to be a vital source of information upon which BMCS relies in administering its regulatory program. The data from the reports are analyzed to determine accident causal factors, identify trends, and measure safety performance. The information gained from the analysis is valuable in the determination of means to reduce accidents, formulation of program requirements, and modification of safety regulations to better protect drivers and passengers or buses as well as other highway users.

This publication contains statistical data relating to fatalities, injuries, property damage by type of accident and type of operation.

The types of accidents are:

- (1) **"Collision"** — those accidents in which a motor vehicle collides with another motor vehicle or fixed object.
- (2) **"Noncollision"** — Those accidents wherein no other vehicle or structures are involved, such as, ran-off-roadway, jackknife, overturn, fire.

The types of operations are:

- (1) **"Regular Route"** — operations which include the transportation of passengers, mail, express packages, and newspapers on regular routes and on specific time schedules. Travelers on regular scheduled routes account for the major part of intercity bus service.
- (2) **"Charter"** — operations which include special party transportation by bus, with routes and time schedules arranged to the convenience of the individual traveling groups. Most charter and special service travel on buses of the intercity carriers is over comparatively long distances as contrasted to sightseeing and charter services provided by local transit companies.

Approximately 20,500 buses are operated in intercity bus service (interstate and intrastate) in the United States. A Class I motor carrier of passengers as defined by the Interstate Commerce Commission is a carrier having an average annual gross operating revenue of \$3 million or more (\$1 million or more prior to 1977). In 1980 and 1981 there were 92 such companies and they accounted for 65 percent of the total vehicle-miles traveled by intercity motor carriers of passengers.

Reliable data on vehicle-miles are available for Class I carriers. Such vehicle-mileage data are derived from carrier reports to the Interstate Commerce Commission (Revenues, Expenses, and Statistics, Class I Motor Carriers of Passengers, Form Mp-1). This group of carriers reported 220 charter and local accidents, 732 intercity accidents for a total of 952 accidents in 1980 and 1981 resulting in the following accident rates.

	1980 Rates	1981 Rates	
Charter and Local:	.65	.75	Accidents per million vehicle-miles
	4.40	5.78	Deaths per 100 million vehicle-miles
	1.86	2.08	Injuries per million vehicle miles
	\$5193.	\$3241.	Property damage per million vehicle-miles
Intercity:	.60	.56	Accidents per million vehicle-miles
	5.05	9.67	Deaths per 100 million vehicle-miles
	1.32	1.42	Injuries per million vehicle-miles
	\$3645.	\$4203.	Property damage per million vehicle-miles
Total:	.60	.61	Accidents per million vehicle-miles
	4.92	8.77	Deaths per 100 million vehicle-miles
	1.40	1.58	Injuries per million vehicle-miles
	\$3890.	\$3982.	Property damage per million vehicle-miles

The report is divided into six sections, statistical data summary of some basic facts on the intercity bus industry, the highway environment, time and place, the driver, the vehicle, and the accident. A brief explanation of data contained in each category is shown at the beginning of each section. Whenever possible, both 1980 and 1981 data are placed on the same page. In this way annual comparisons can be made readily. Where this is not possible, 1980 information is immediately followed by that of 1981.

From the data it can be seen that efforts to reduce the risk of accidents and their severity have not been in vain. It is hoped that the passenger carrying industry will utilize the information contained herein in their ongoing efforts to improve the overall safety of the industry and reduce risks to the public.



Kenneth L. Pierson, Director
Bureau of Motor Carrier Safety
Federal Highway Administration

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Summary

SOME BASIC FACTS ON THE INTERCITY BUS INDUSTRY +

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981#
Number of Active Companies											
Class I	71	74	75	81	84	**81	***47	***56	***45	***46	46
Others	929	926	925	869	866	919	1,003	1,044	1,155	1,284	1,424
Total	1,000	1,000	1,000	950	950	1,000	1,050	1,100	1,200	1,330	1,470
Number of Buses											
Class I	9,990	9,700	9,300	9,900	10,030	10,000	8,270	8,270	8,270	8,270	7,819
Others	12,000	11,700	11,500	11,100	9,470	10,100	12,030	12,030	12,430	13,630	13,381
Total	21,900	21,400	20,800	21,000	19,500	20,100	20,300	20,300	20,700	21,900	21,200
Number of Employees											
Class I*	34,700	34,100	33,800	35,600	35,100	33,700	29,660	29,660	29,660	29,660	31,100
Other	15,500	15,000	14,600	13,800	11,600	12,300	16,340	13,940	17,340	20,340	18,300
Total	50,200	49,100	48,400	49,400	46,700	46,000	46,000	43,600	47,000	50,000	49,400
Highway Miles Served (000's)											
Class I	193	198	198	205	211	213	192	192	192	192	188
Others	74	72	72	66	63	63	84	86	88	88	84
Total	267	270	270	271	274	276	276	278	280	280	272
Vehicle Miles (Millions)											
Class I	856	846	850	886	849	838	768	768	768	768	737
Others	346	336	328	309	277	280	350	331	367	414	399
Total	1,202	1,182	1,178	1,195	1,126	1,118	1,118	1,099	1,135	1,182	1,136

+ From American Bus Association "Bus Facts" statistical supplement.

Preliminary

Class II & III Carriers reporting to II plus intrastate carriers.

* Slightly less than 1/2 are drivers.

** In addition, there are 21 Class I carriers which are local or suburban carriers operating in interstate commerce.

*** Reports for years beginning with 1977 include only carriers with revenues of \$3 million or more in Class I category; prior to 1977 carriers with revenues of \$1 million or more.

x This mileage figure is not used in computation of accident rates.

**TABLE I
ACCIDENT STATISTICS FOR ALL MOTOR CARRIERS
OF PASSENGERS, 1976-1981**

1980:

1981:

Year	Number of Accidents	Number of Deaths	Number of Injuries	Property Damage (thousands)	Year	Number of Accidents	Number of Deaths	Number of Injuries	Property Damage (thousands)
1976	624	62	1,723	\$3,057	1977	830	87	1,929	\$3,576
1977	830	87	1,929	3,576	1978	728	68	1,917	4,023
1978	728	68	1,917	4,023	1979	719	60	1,977	4,485
1979	719	60	1,977	4,485	1980	748	74	1,711	4,659
1980	748	74	1,711	4,659	1981	832	95	2,041	5,291
5-year Avg.	730	70	1,851	3,960	5-year Avg.	771	77	1,915	\$4,407

**TABLE II
ACCIDENT STATISTICS, ACCIDENT RATES, AND MILEAGE FOR
CLASS I MOTOR CARRIERS OF PASSENGERS, 1976-1980¹**

1980:

Year	*Total Mileage (Millions)	Number of Accidents	Number of Deaths	Number of Injuries	Property Damage (thousands)	Accidents Per Million Vehicle Miles	Deaths Per Year 100 Million Vehicle Miles	Injuries Per Million Vehicle Miles	Property Damage Per Million Vehicle Miles
1976	960	554	51	1,525	\$2,681	.58	5.31	1.59	\$2,793
1977	768	485	44	994	2,147	.63	5.73	1.29	2,796
1978	846	589	45	1,461	2,969	.69	5.32	1.73	3,509
1979	763	441	33	1,199	2,635	.58	4.33	1.57	3,453
1980	753	455	37	1,056	2,929	.60	4.91	1.40	3,890
5-year Avg.	818	505	42	1,247	2,672	.62	5.12	1.52	3,288

¹A Class 1 motor carrier of passengers as defined by Interstate Commerce Commission is a carrier having an average gross operating revenue of \$3 million or more (\$1 million or more prior to 1977).

*As reported to the Interstate Commerce Commission.

**TABLE II
ACCIDENT STATISTICS, ACCIDENT RATES, AND MILEAGE FOR
CLASS I MOTOR CARRIERS OF PASSENGERS, 1977-1981¹**

1981:

Year	*Total Mileage (Millions)	Number of Accidents	Number of Deaths	Number of Injuries	Property Damage (thousands)	Accidents Per Million Vehicle Miles	Deaths Per Year 100 Million Vehicle Miles	Injuries Per Million Vehicle Miles	Property Damage Per Million Vehicle Miles
1977	768	485	44	994	2,147	.63	5.73	1.29	\$2,796
1978	846	589	45	1,461	2,969	.69	5.32	1.73	3,509
1979	763	441	33	1,199	2,635	.58	4.33	1.57	3,453
1980	753	455	37	1,056	2,929	.60	4.92	1.40	3,890
1981	821	497	72	1,294	3,269	.61	8.77	1.58	3,982
5-year Avg.	790	493	46	1,201	2,790	.62	5.81	1.51	3,526

¹A Class I motor carriers of passengers as defined by ICC is a carrier having an average gross operating revenue of \$3 million or more (\$1 million or more prior to 1977).

*As reported to the Interstate Commerce Commission.

STATISTICS BY TRIP CLASSIFICATION

CLASS I CARRIERS

TRIP CLASSIFICATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
CHARTER	74	1	10	0	0	0	138	4	71	5	219	\$609
REGULAR	379	1	46	0	1	0	521	31	268	32	836	2,313
DATA NOT GIVEN	2	0	0	0	0	0	0	0	1	0	1	7
TOTAL	455	2	56	0	1	0	659	35	340	37	1,056	2,929

CLASS II & III CARRIERS

TRIP CLASSIFICATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
CHARTER	82	0	14	0	0	21	134	4	62	25	210	\$933
REGULAR	209	2	25	0	1	1	265	9	152	12	443	798
DATA NOT GIVEN	2	0	0	0	0	0	0	0	2	0	2	0
TOTAL	293	2	39	0	1	22	399	13	216	37	655	1,731

ALL CARRIERS

TRIP CLASSIFICATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
CHARTER	156	1	24	0	0	21	272	8	133	30	429	\$1,542
REGULAR	588	3	71	0	2	1	786	40	420	44	1,279	3,111
DATA NOT GIVEN	4	0	0	0	0	0	0	0	3	0	3	7
TOTAL	748	4	95	0	2	22	1,058	48	556	74	1,711	4,660

STATISTICS BY TRIP CLASSIFICATION

CLASS I CARRIERS

TRIP CLASSIFICATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
CHARTER	60	0	6	0	0	0	64	6	60	6	130	\$396
REGULAR	435	0	53	0	7	2	709	63	391	65	1,160	2,834
DATA NOT GIVEN	2	0	1	0	0	0	0	1	3	1	4	40
TOTAL	497	0	60	0	7	2	773	70	454	72	1,294	3,270

CLASS II & III CARRIERS

TRIP CLASSIFICATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
CHARTER	135	1	18	0	3	0	274	6	114	7	409	\$1,083
REGULAR	198	1	25	0	2	0	163	14	148	15	338	933
DATA NOT GIVEN	2	0	0	0	0	0	0	1	0	1	0	6
TOTAL	335	2	43	0	5	0	437	21	262	23	747	2,022

ALL CARRIERS

TRIP CLASSIFICATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
CHARTER	195	1	24	0	3	0	338	12	174	13	539	\$1,478
REGULAR	633	1	78	0	9	2	872	77	539	80	1,498	3,767
DATA NOT GIVEN	4	0	1	0	0	0	0	2	3	2	4	45
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,290



Bus ran out of control on rain-wet roadway. 3 Fatalities; \$150,000 P.D.*

*Property damage.

Highway Environment

This section contains information in the following areas relating to highway environment:

- Lighting conditions
- Weather conditions
- Road surface conditions and number of lanes
- Expressway ramps



ACCIDENTS BY LIGHTING CONDITIONS

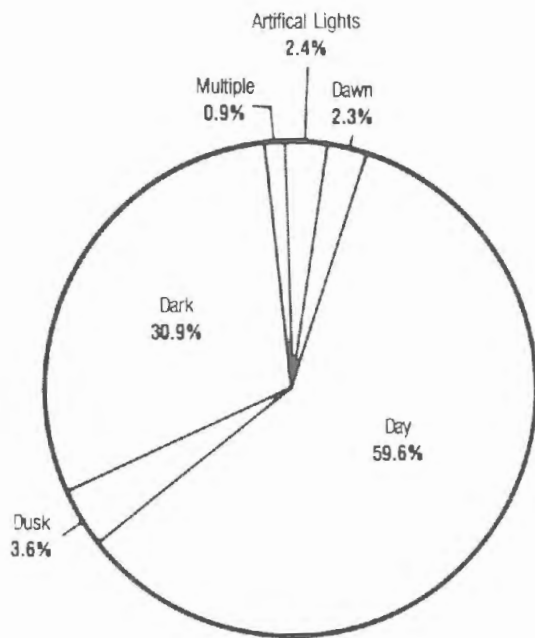
LIGHTING	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
DAY	446	1	54	0	0	2	574	15	339	18	967	2,397
DARK	231	3	27	0	1	20	346	29	179	52	553	1,733
DAWN	17	0	2	0	0	0	20	1	10	1	32	105
DUSK	27	0	3	0	1	0	36	1	14	1	54	175
ARTIFICIAL LIGHTS	18	0	5	0	0	0	52	2	6	2	63	183
OTHER	1	0	0	0	0	0	0	0	1	0	1	3
MULTIPLE	7	0	4	0	0	0	30	0	4	0	38	64
DATA NOT GIVEN	1	0	0	0	0	0	0	0	3	0	3	0
TOTAL	748	4	95	0	2	22	1,058	48	556	74	1,711	4,660

ACCIDENTS BY WEATHER CONDITIONS

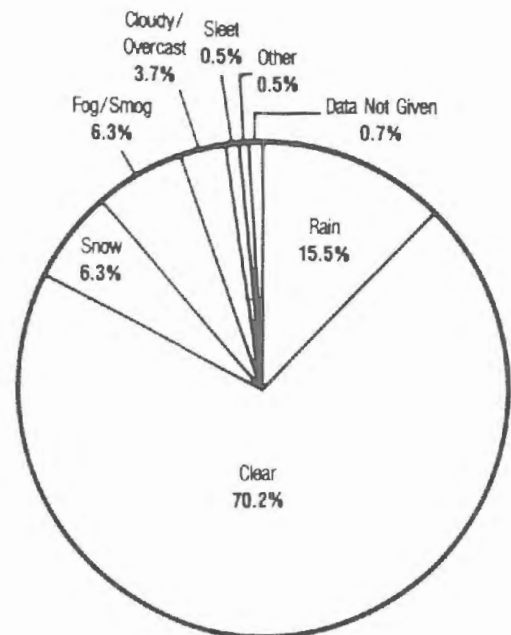
WEATHER	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
RAIN	116	0	15	0	0	2	178	5	102	7	295	\$904
CLEAR	525	3	58	0	1	19	547	40	377	62	983	2,651
SNOW	47	0	13	0	0	0	185	2	43	2	242	583
FOG/SMOG	19	0	3	0	0	0	72	0	10	0	85	287
CLOUDY/OVERCAST	28	1	5	0	0	1	73	1	22	3	100	187
SLEET	4	0	0	0	0	0	0	0	1	0	1	16
OTHER	4	0	0	0	0	0	1	0	1	0	2	16
DATA NOT GIVEN	5	0	1	0	1	0	1	0	0	0	3	14
TOTAL	748	4	95	0	2	22	1,058	48	556	74	1,711	4,658

NOTE: MORE THAN ONE CATEGORY REPORTED - FOR EXAMPLE, 'SNOW' AND 'OTHER'

LIGHTING CONDITIONS



WEATHER CONDITIONS



ACCIDENTS BY LIGHTING CONDITIONS

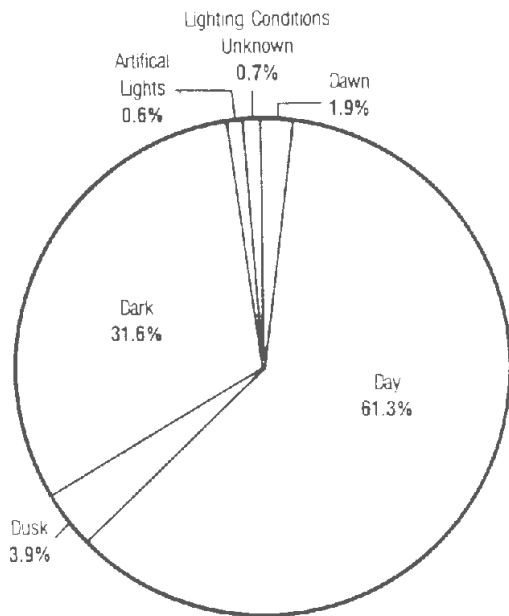
LIGHTING	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
DAY	510	0	56	0	9	1	798	48	507	49	1,377	2,836
DARK	263	0	35	0	3	1	322	35	168	35	529	1,871
DAWN	16	1	2	0	0	0	3	0	5	0	59	205
DUSK	32	0	6	0	0	0	33	8	31	0	70	363
ARTIFICIAL LIGHTS	5	0	0	0	0	0	2	0	2	0	4	11
DATA NOT GIVEN	6	0	0	0	0	0	4	0	3	0	7	5
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,291

ACCIDENTS BY WEATHER CONDITIONS

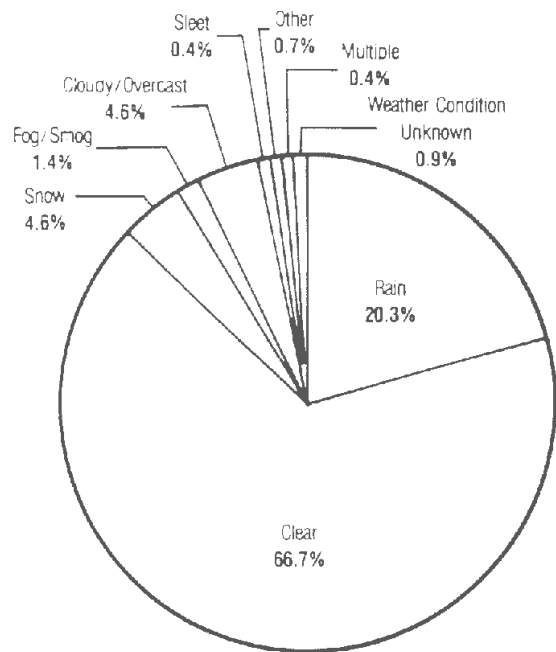
WEATHER	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
RAIN	169	1	21	0	4	0	249	13	130	14	404	\$1,259
CLEAR	555	1	68	0	8	2	667	68	523	71	1,266	3,330
SNOW	38	0	0	0	0	0	35	1	29	0	117	178
FOG/SMOG	12	0	0	0	0	0	31	1	9	0	41	121
CLOUDY/OVERCAST	38	0	10	0	0	0	139	7	17	0	166	307
SLEET	3	0	0	0	0	0	3	0	1	0	4	28
OTHER	6	0	0	0	0	0	21	1	3	0	25	46
MULTIPLE	3	0	0	0	0	0	3	0	1	0	9	10
DATA NOT GIVEN	8	0	0	0	0	0	6	0	3	0	9	11
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,290

NOTE: MORE THAN ONE CATEGORY REPORTED - FOR EXAMPLE, 'SNOW' AND 'OTHER'

LIGHTING CONDITIONS



WEATHER CONDITIONS



ACCIDENTS BY ROAD SURFACE CONDITIONS

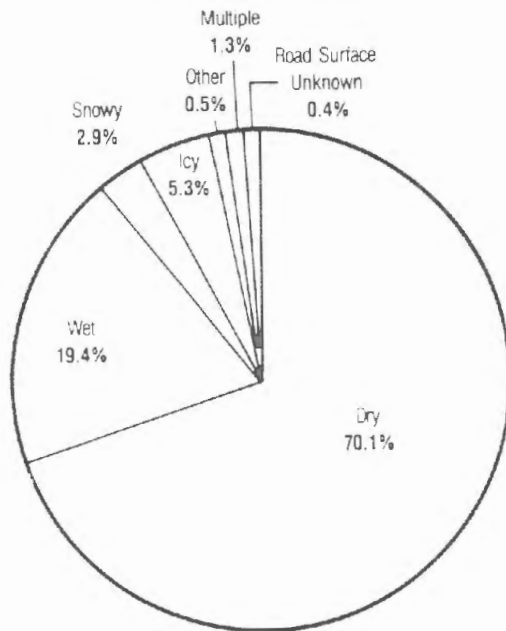
ROAD SURFACE CONDITION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
DRY	524	4	58	0	1	20	536	40	371	64	966	\$2,771
WET	145	0	19	0	1	2	249	7	126	9	395	1,095
SNOWY	22	0	8	0	0	0	46	0	15	0	69	146
ICY	40	0	5	0	0	0	173	0	37	0	215	468
OTHER	4	0	0	0	0	0	2	0	3	0	5	10
MULTIPLE	10	0	4	0	0	0	51	1	4	1	59	153
DATA NOT GIVEN	3	0	1	0	0	0	1	0	0	0	2	6
TOTAL	748	4	95	0	2	22	1,058	48	556	74	1,711	4,659

NOTE: MORE THAN ONE CATEGORY REPORTED - FOR EXAMPLE, 'WET' AND 'ICY'

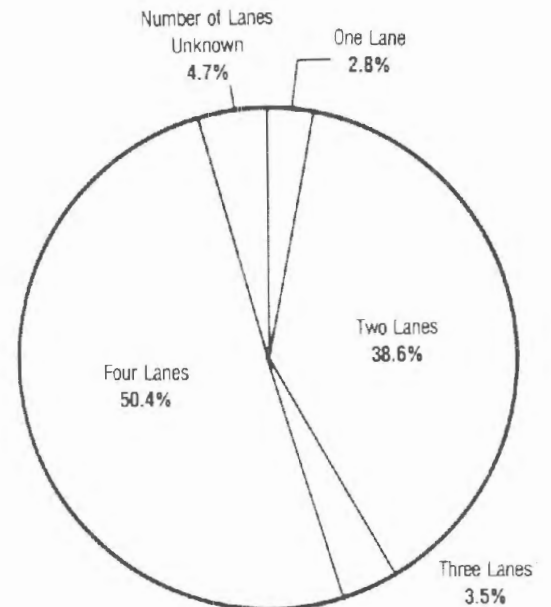
ACCIDENTS BY NUMBER OF LANES

TOTAL NUMBER OF LANES	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
ONE LANE DIVIDED	4	0	0	0	0	0	2	0	0	0	2	\$10
ONE LANE UNDIVIDED	17	0	1	0	0	0	6	0	9	0	16	97
TOTAL ONE LANE	21	0	1	0	0	0	8	0	9	0	18	107
TWO LANES DIVIDED	11	0	1	0	0	0	19	1	1	1	21	68
TWO LANES UNDIVIDED	278	1	42	0	2	0	457	24	224	45	725	1,574
TOTAL TWO LANES	289	1	43	0	2	0	476	25	225	46	746	1,742
THREE LANES DIVIDED	3	0	0	0	0	0	0	1	1	1	1	3
THREE LANES UNDIVIDED	23	0	0	0	0	0	13	1	20	1	33	69
TOTAL THREE LANES	26	0	0	0	0	0	13	2	21	2	34	72
FOUR LANES OR MORE DIVIDED	241	1	39	0	0	0	433	12	151	13	633	1,925
FOUR LANES OR MORE UNDIVIDED	136	2	11	0	0	2	123	9	119	13	253	672
TOTAL FOUR LANES OR MORE	377	3	50	0	0	2	556	21	280	26	886	2,597
DATA NOT GIVEN UNDIVIDED	2	0	1	0	0	0	0	0	1	0	2	0
DATA NOT GIVEN DIVIDED	33	0	0	0	0	0	5	0	20	0	25	140
TOTAL DATA NOT GIVEN	35	0	1	0	0	0	5	0	21	0	27	140
TOTAL	748	4	95	0	2	22	1,058	48	556	74	1,711	4,660

ROAD SURFACE CONDITIONS



NUMBER OF LANES



ACCIDENTS BY ROAD SURFACE CONDITIONS

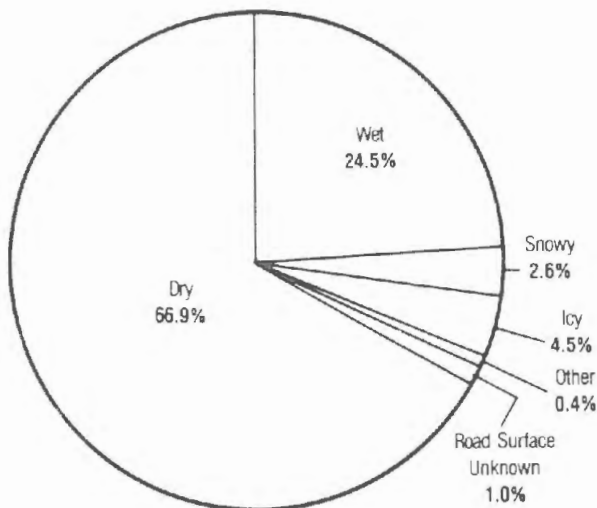
ROAD SURFACE CONDITION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
DRY	557	0	69	0	7	2	760	73	520	75	1,356	\$3,352
WET	204	2	29	0	4	0	304	15	160	17	497	1,497
SNOWY	22	0	1	0	1	0	69	2	11	2	82	123
ICY	37	0	3	0	0	0	66	1	19	1	88	275
OTHER	3	0	1	0	0	0	1	0	0	0	2	21
MULTIPLE	1	0	0	0	0	0	6	0	0	0	6	2
DATA NOT GIVEN	8	0	0	0	0	0	4	0	6	0	10	11
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,291

NOTE: MORE THAN ONE CATEGORY REPORTED - FOR EXAMPLE, 'WET' AND 'ICY'

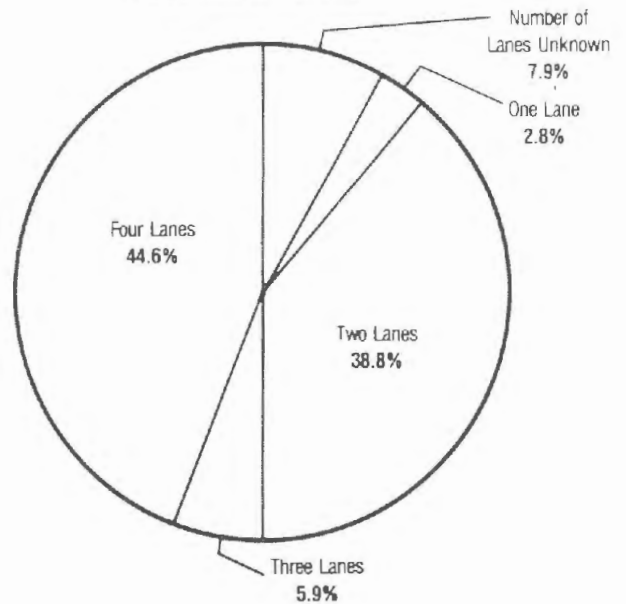
ACCIDENTS BY NUMBER OF LANES

TOTAL NUMBER OF LANES	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
ONE LANE												
DIVIDED	4	0	2	0	0	0	3	0	4	0	9	\$35
UNDIVIDED	18	0	1	0	0	0	11	2	11	2	23	130
DATA NOT GIVEN	1	0	0	0	0	0	0	0	1	0	1	1
TOTAL	23	0	3	0	0	0	14	2	16	2	33	166
TWO LANES												
DIVIDED	45	0	3	0	0	0	60	2	26	2	89	165
UNDIVIDED	269	0	41	0	6	1	476	42	242	43	765	1,941
DATA NOT GIVEN	9	0	1	0	0	0	7	0	10	0	18	59
TOTAL	323	0	45	0	6	1	543	44	278	45	872	2,165
THREE LANES												
DIVIDED	17	1	1	0	0	0	10	0	7	1	18	108
UNDIVIDED	30	0	5	0	0	0	62	0	36	0	103	258
DATA NOT GIVEN	2	0	1	0	0	0	14	0	0	0	15	15
TOTAL	49	1	7	0	0	0	86	0	43	1	136	381
FOUR LANES OR MORE												
DIVIDED	226	0	28	0	3	1	315	30	184	31	530	1,730
UNDIVIDED	143	1	15	0	2	0	200	13	146	14	363	570
DATA NOT GIVEN	2	0	0	0	0	0	0	1	2	1	2	14
TOTAL	371	1	43	0	5	1	515	44	332	46	895	2,314
DATA NOT GIVEN												
UNDIVIDED	4	0	1	0	1	0	0	0	0	0	2	13
DATA NOT GIVEN	62	0	4	0	0	0	52	1	47	1	103	252
TOTAL	66	0	5	0	1	0	52	1	47	1	105	265
TOTAL												
DIVIDED	292	1	34	0	3	1	388	32	221	34	646	2,038
UNDIVIDED	464	1	63	0	9	1	749	57	435	59	1,256	2,912
DATA NOT GIVEN	76	0	6	0	0	0	73	2	60	2	139	341
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,291

ROAD SURFACE CONDITIONS



NUMBER OF LANES



Note: Multiple road surface conditions was only 0.1%.

1980

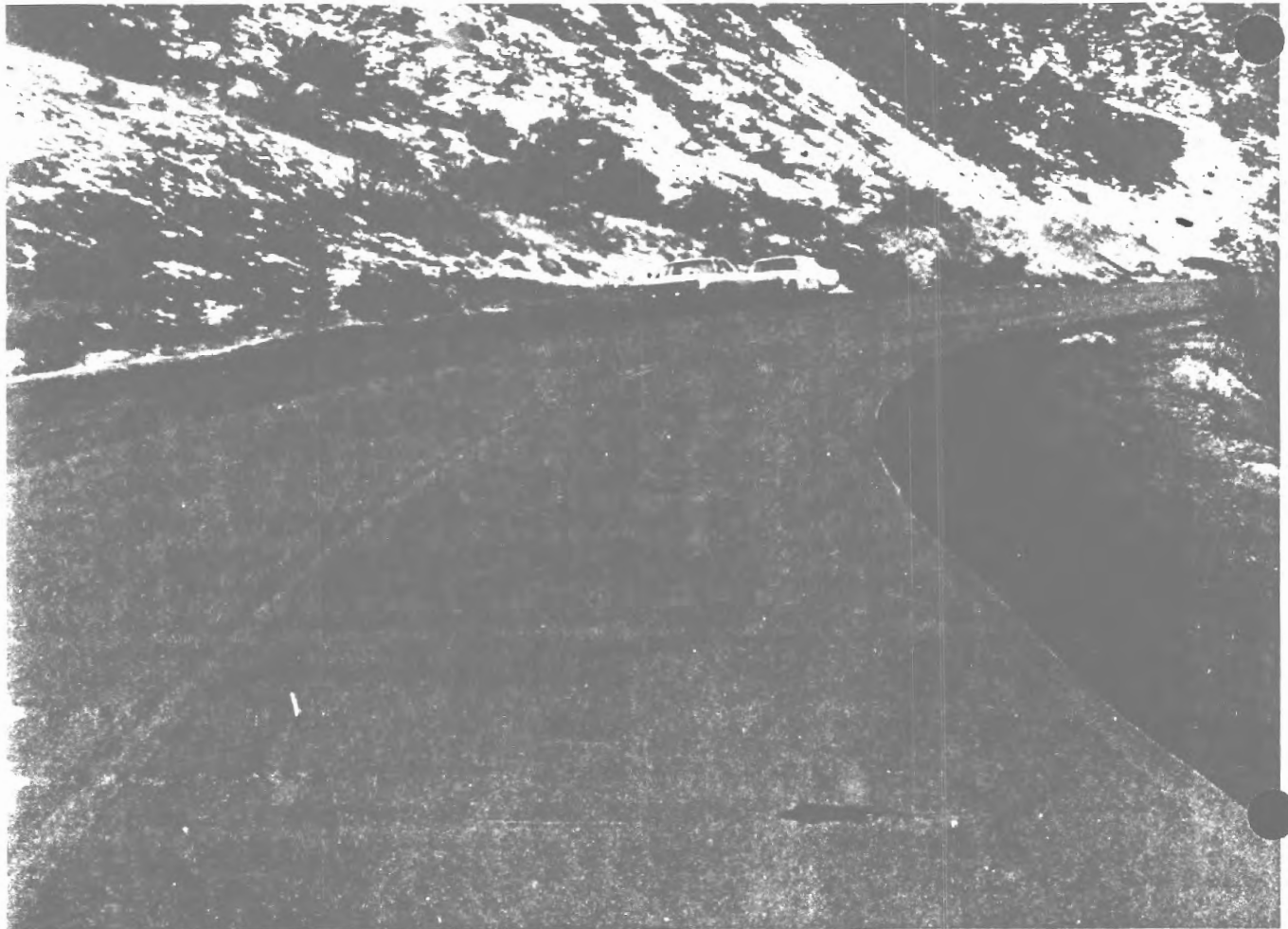
EXPRESSWAY RAMP ACCIDENTS

ACCESS DETAILS	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
NOT APPLICABLE	799	2	99	0	11	2	1,198	89	685	93	1,993	\$5,072
ENTRANCE RAMP	16	0	3	0	0	0	9	0	22	0	34	132
EXIT RAMP	16	0	1	0	1	0	3	2	8	2	13	86
DATA NOT GIVEN	1	0	0	0	0	0	0	0	1	0	1	1
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,291

1981

EXPRESSWAY RAMP ACCIDENTS

ACCESS DETAILS	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
NOT APPLICABLE	724	4	92	0	2	21	1,023	48	544	73	1,651	\$4,487
ENTRANCE RAMP	6	0	1	0	0	1	5	0	1	0	10	38
EXIT RAMP	18	0	2	0	0	30	30	0	8	1	40	134
TOTAL	748	4	95	0	2	32	1,058	48	556	74	1,711	4,659



The Time and Place

This section contains information in the following areas relating to time and place:

- Accidents by time of day
- Accidents by time of day and day of week
- Accidents by hours driving and time of day
- Monthly statistics
- Accidents by number of hours driving and type district
- Accidents by state



1980

ACCIDENTS BY TIME OF DAY

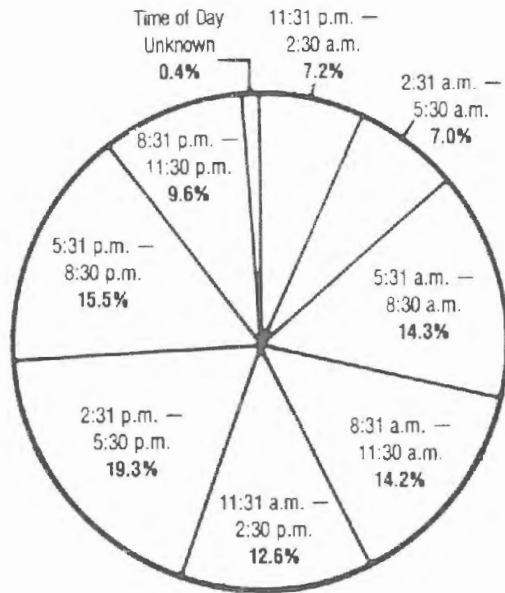
TIME	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAM (TH. SANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
11:31 P.M. - 2:30 A.M.	54	0	7	0	0	19	98	10	47	29	152	\$365
2:31 A.M. - 5:30 A.M.	52	0	10	0	0	1	190	3	37	6	237	730
5:31 A.M. - 8:30 A.M.	107	0	15	0	0	0	167	3	55	3	237	552
8:31 A.M. - 11:30 A.M.	106	0	13	0	0	2	195	3	68	5	276	873
11:31 A.M. - 2:30 P.M.	94	0	14	0	0	0	105	5	51	6	170	402
2:31 P.M. - 5:30 P.M.	144	0	14	0	1	0	139	6	127	6	291	639
5:31 P.M. - 8:30 P.M.	116	0	10	0	1	0	83	9	100	9	194	613
8:31 P.M. - 11:30 P.M.	72	0	11	0	0	0	56	9	58	10	125	485
UNKNOWN	3	0	1	0	0	0	25	0	3	0	29	0
TOTAL	748	0	95	0	2	22	1,058	48	556	74	1,711	4,659

1981

ACCIDENTS BY TIME OF DAY

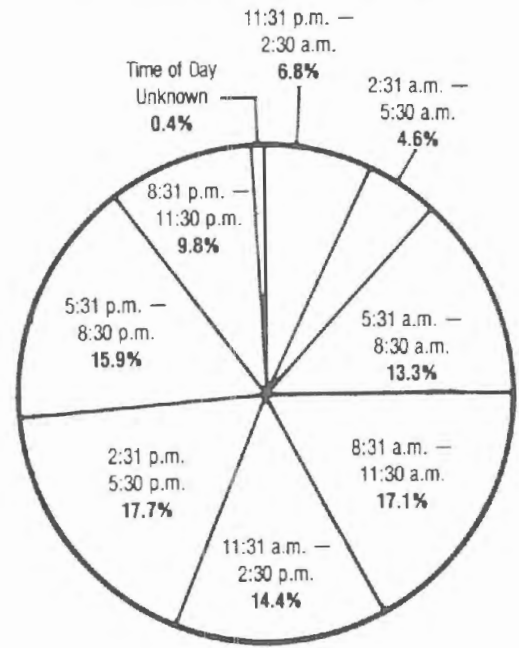
TIME	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOU- SANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
11:31 P.M. - 2:30 A.M.	57	0	7	0	0	0	58	8	41	8	106	\$443
2:31 A.M. - 5:30 A.M.	38	0	4	0	2	0	41	5	31	5	78	394
5:31 A.M. - 8:30 A.M.	111	1	17	0	2	0	165	6	143	7	327	659
8:31 A.M. - 11:30 A.M.	142	0	12	0	1	1	184	6	136	7	333	827
11:31 A.M. - 2:30 P.M.	120	0	13	0	3	0	141	4	78	4	235	693
2:31 P.M. - 5:30 P.M.	147	1	20	0	3	0	324	26	152	27	499	777
5:31 P.M. - 8:30 P.M.	132	0	13	0	1	0	178	25	87	25	279	963
8:31 P.M. - 11:30 P.M.	82	0	17	0	0	1	117	11	48	12	182	533
UNKNOWN	3	0	0	0	0	0	2	0	0	0	2	3
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,292

ACCIDENTS BY TIME OF DAY



1980

ACCIDENTS BY TIME OF DAY



1981



Bus ran off road struck guardrail. 1 Fatality; 3 Injuries; \$1,500 P.D.*

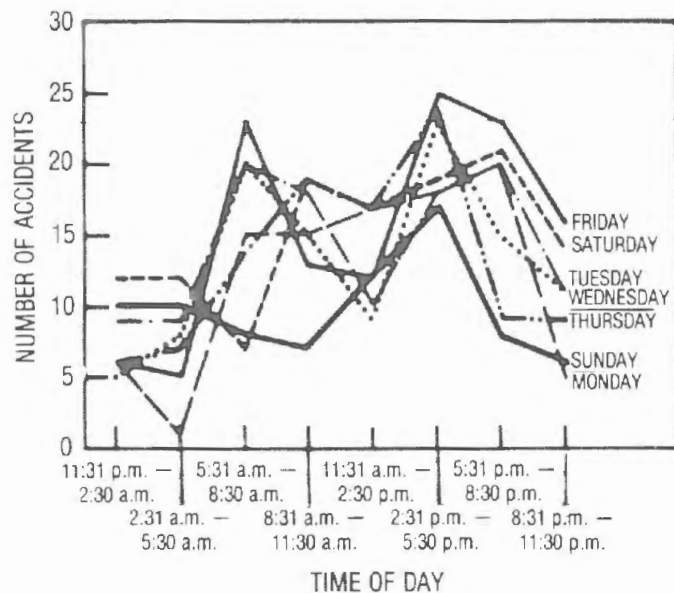
*Property damage.

ACCIDENTS BY TIME OF DAY AND DAY OF WEEK

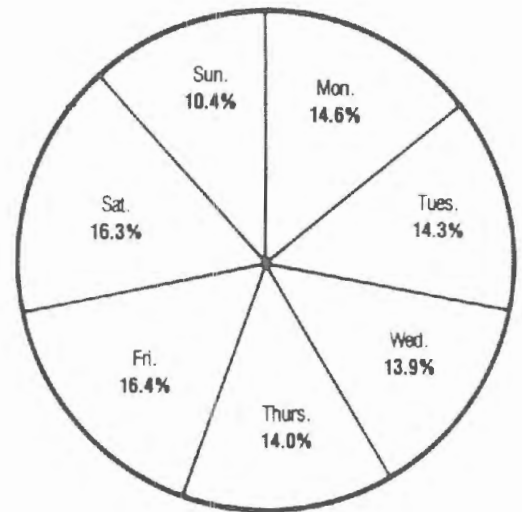
HOURS	ACCIDENT DAY OF WEEK							TOTAL
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
CHARTER								
11:31 P.M. - 2:30 A.M.	1	3	-	2	1	1	2	10
2:31 A.M. - 5:30 A.M.	2	-	-	-	1	5	1	11
5:31 A.M. - 8:30 A.M.	1	2	1	3	6	5	2	20
8:31 A.M. - 11:30 A.M.	3	-	4	7	3	11	2	32
11:31 A.M. - 2:30 P.M.	2	-	3	3	2	5	4	20
2:31 P.M. - 5:30 P.M.	1	-	3	2	6	4	7	26
5:31 P.M. - 8:30 P.M.	1	-	4	-	4	4	2	18
8:31 P.M. - 11:30 P.M.	1	2	2	2	4	6	1	18
UNKNOWN	-	-	-	-	-	1	-	1
TOTAL	12	17	17	20	27	42	21	155
REGULAR								
11:31 P.M. - 2:30 A.M.	8	2	5	3	5	11	8	43
2:31 A.M. - 5:30 A.M.	7	7	1	5	4	7	9	41
5:31 A.M. - 8:30 A.M.	19	18	14	11	17	2	6	87
8:31 A.M. - 11:30 A.M.	15	13	11	12	10	8	5	74
11:31 A.M. - 2:30 P.M.	7	8	14	14	10	12	8	73
2:31 P.M. - 5:30 P.M.	17	20	14	22	18	15	10	116
5:31 P.M. - 8:30 P.M.	19	12	16	9	19	17	6	98
8:31 P.M. - 11:30 P.M.	4	9	9	7	12	8	5	54
UNKNOWN	-	-	1	-	-	-	-	2
TOTAL	96	90	86	84	95	80	57	588
DATA NOT GIVEN								
11:31 P.M. - 2:30 A.M.	-	-	-	1	-	-	-	1
11:31 A.M. - 2:30 P.M.	1	-	-	-	-	-	-	1
2:31 P.M. - 5:30 P.M.	-	-	1	-	1	-	-	2
TOTAL	1	-	1	1	1	-	-	4
TOTAL								
11:31 P.M. - 2:30 A.M.	9	5	6	5	6	12	10	54
2:31 A.M. - 5:30 A.M.	9	8	1	7	5	12	10	52
5:31 A.M. - 8:30 A.M.	20	20	15	14	23	7	8	107
8:31 A.M. - 11:30 A.M.	18	15	15	19	13	19	7	106
11:31 A.M. - 2:30 P.M.	10	9	17	17	12	17	12	94
2:31 P.M. - 5:30 P.M.	18	23	18	24	25	19	17	144
5:31 P.M. - 8:30 P.M.	20	15	20	9	23	21	8	116
8:31 P.M. - 11:30 P.M.	5	11	11	9	16	14	6	72
UNKNOWN	-	1	1	-	-	1	-	3
TOTAL	109	107	104	105	123	122	78	748

- Data not available.

ACCIDENTS BY TIME OF DAY AND DAY OF WEEK



ACCIDENTS BY DAY OF WEEK

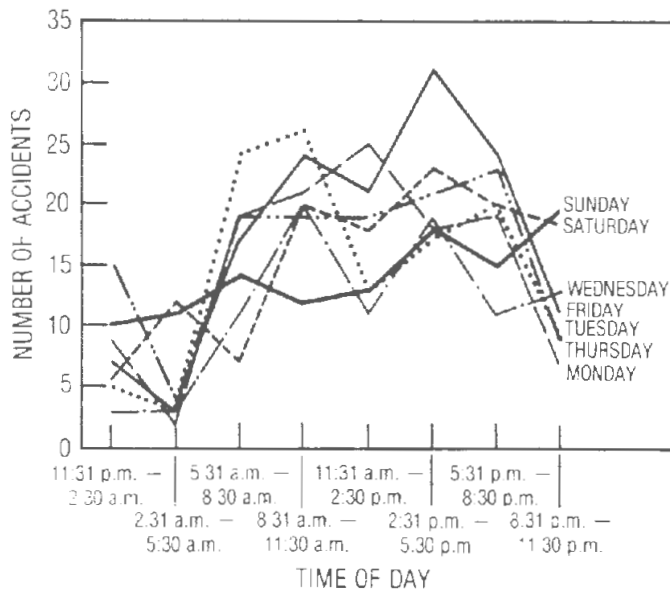


ACCIDENTS BY TIME OF DAY AND DAY OF WEEK

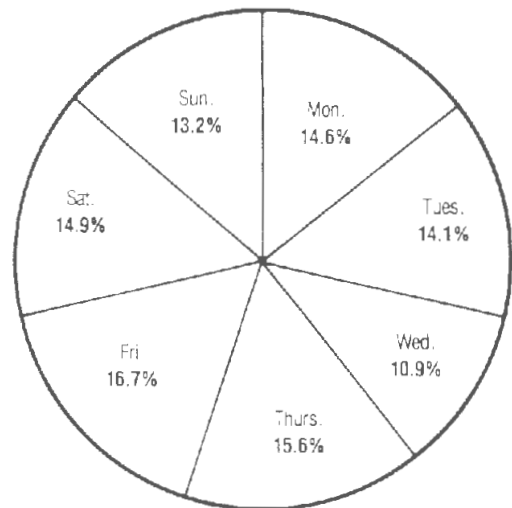
HOURS	ACCIDENT DAY OF WEEK							TOTAL
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
CHARTER								
11:31 P.M. - 2:30 A.M.	3	3	2	4	1	5	3	21
2:31 A.M. - 5:30 A.M.	1	-	1	2	-	2	3	9
5:31 A.M. - 8:30 A.M.	4	1	1	4	2	2	3	17
8:31 A.M. - 11:30 A.M.	5	6	6	5	5	5	6	38
11:31 A.M. - 2:30 P.M.	3	6	3	4	5	3	7	31
2:31 P.M. - 5:30 P.M.	3	4	4	3	6	5	5	30
5:31 P.M. - 8:30 P.M.	3	4	1	5	5	6	6	30
8:31 P.M. - 11:30 P.M.	2	3	2	1	3	3	4	18
UNKNOWN	-	-	-	-	1	-	-	1
TOTAL	24	27	20	28	28	31	37	195
REGULAR								
11:31 P.M. - 2:30 A.M.	6	2	1	10	6	2	7	35
2:31 A.M. - 5:30 A.M.	1	3	1	2	3	9	8	27
5:31 A.M. - 8:30 A.M.	15	23	10	15	15	5	11	94
8:31 A.M. - 11:30 A.M.	16	20	14	14	16	15	6	104
11:31 A.M. - 2:30 P.M.	22	7	8	15	16	15	6	99
2:31 P.M. - 5:30 P.M.	15	13	15	18	25	18	13	117
5:31 P.M. - 8:30 P.M.	16	16	10	18	19	14	9	102
8:31 P.M. - 11:30 P.M.	4	6	11	8	8	13	13	63
UNKNOWN	1	-	-	1	-	-	-	2
TOTAL	96	90	70	101	111	92	73	633
DATA NOT GIVEN								
11:31 P.M. - 2:30 A.M.	-	-	-	1	-	-	-	1
2:31 A.M. - 5:30 A.M.	-	-	1	-	-	-	-	1
8:31 P.M. - 11:30 P.M.	1	-	-	-	-	-	-	1
TOTAL	1	-	1	1	-	1	-	4
TOTAL								
11:31 P.M. - 2:30 A.M.	9	5	3	15	7	8	10	57
2:31 A.M. - 5:30 A.M.	2	3	3	4	3	12	11	38
5:31 A.M. - 8:30 A.M.	19	24	11	19	17	7	14	111
8:31 A.M. - 11:30 A.M.	21	26	20	19	24	20	12	142
11:31 A.M. - 2:30 P.M.	25	13	11	19	21	18	13	120
2:31 P.M. - 5:30 P.M.	18	17	19	21	31	23	18	147
5:31 P.M. - 8:30 P.M.	19	20	11	23	24	20	15	132
8:31 P.M. - 11:30 P.M.	7	9	13	9	11	16	17	82
UNKNOWN	1	-	-	1	1	-	-	3
TOTAL	121	117	91	130	139	124	110	832

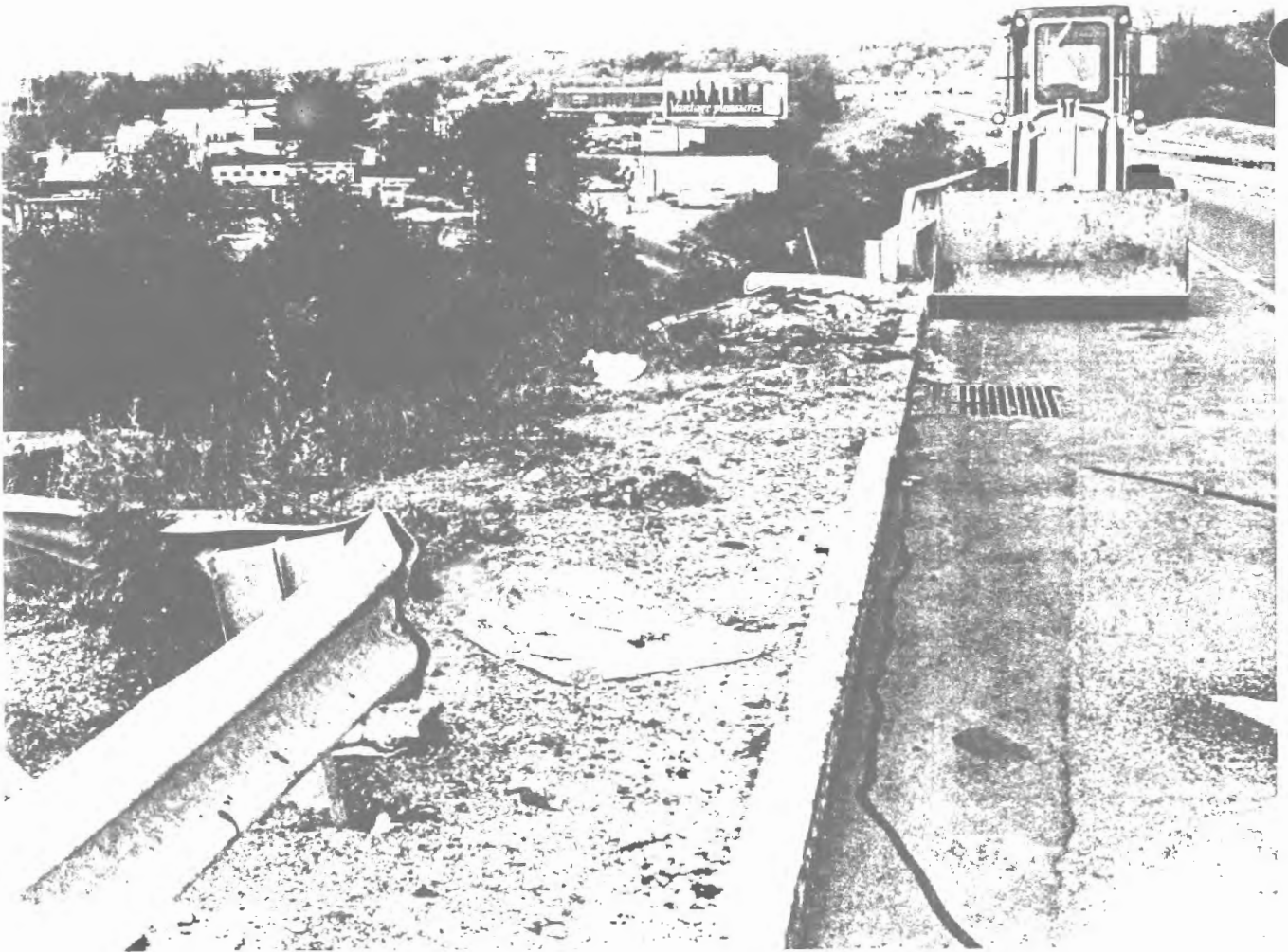
- Data not available.

ACCIDENTS BY TIME OF DAY AND DAY OF WEEK



ACCIDENTS BY DAY OF WEEK





Note: Damaged guardrail after impact by bus. 3 Fatalities; \$150,000 P.D.*

* Property damage.

1980

ACCIDENTS BY HOURS DRIVING AND TIME OF DAY

TIME	1 HOUR	2 HOURS	3 HOURS	4 HOURS	5 HOURS	6 HOURS	7 HOURS	8 HOURS	9 HOURS	10 HOURS	11 TO 12 HOURS	DATA NOT GIVEN	TOTAL
CHARTER													
11:31 P.M. - 2:30 A.M.	2	-	1	-	2	1	2	1	1	-	-	-	10
2:31 A.M. - 5:30 A.M.	2	-	2	1	1	1	2	1	1	-	-	-	11
5:31 A.M. - 8:30 A.M.	15	2	1	-	-	-	1	-	-	1	-	-	20
8:31 A.M. - 11:30 A.M.	11	8	8	2	-	-	-	-	-	-	-	-	32
11:31 A.M. - 2:30 P.M.	3	2	3	4	2	2	1	-	-	-	-	-	20
2:31 P.M. - 5:30 P.M.	5	4	2	2	5	1	2	2	-	-	-	-	26
5:31 P.M. - 8:30 P.M.	2	2	2	2	4	-	1	-	1	1	-	-	18
8:31 P.M. - 11:30 P.M.	5	2	2	-	2	2	4	-	-	-	-	-	18
UNKNOWN	-	-	1	-	-	-	-	-	-	-	-	-	1
TOTAL	46	20	27	9	15	7	13	4	3	2	-	9	156
REGULAR													
11:31 P.M. - 2:30 A.M.	8	3	5	5	5	2	6	4	3	-	-	2	43
2:31 A.M. - 5:30 A.M.	10	8	5	2	5	6	3	2	-	-	-	-	41
5:31 A.M. - 8:30 A.M.	43	16	10	4	1	5	4	-	-	-	-	4	87
8:31 A.M. - 11:30 A.M.	20	20	13	10	2	3	2	2	-	-	-	-	74
11:31 A.M. - 2:30 P.M.	12	11	9	11	6	11	7	2	-	-	-	-	73
2:31 P.M. - 5:30 P.M.	24	15	22	19	5	16	3	1	-	-	-	-	116
5:31 P.M. - 8:30 P.M.	11	14	12	12	8	17	8	6	-	-	-	10	98
8:31 P.M. - 11:30 P.M.	5	5	8	9	9	4	4	1	4	-	-	-	54
UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	1	2
TOTAL	134	92	84	72	41	64	43	18	7	-	-	33	588
DATA NOT GIVEN													
11:31 P.M. - 2:30 A.M.	-	-	-	-	-	-	-	-	-	-	-	1	1
11:31 A.M. - 2:30 P.M.	-	1	-	-	-	-	-	-	-	-	-	-	1
2:31 P.M. - 5:30 P.M.	-	-	-	-	-	1	-	-	-	-	-	1	2
TOTAL	-	1	-	-	-	1	-	-	-	-	-	2	4
TOTAL													
11:31 P.M. - 2:30 A.M.	10	3	6	5	7	3	3	5	4	-	-	3	54
2:31 A.M. - 5:30 A.M.	12	8	7	3	6	7	5	3	1	-	-	-	52
5:31 A.M. - 8:30 A.M.	58	18	11	4	1	5	5	-	-	1	-	4	107
8:31 A.M. - 11:30 A.M.	31	28	21	12	2	3	2	2	-	-	-	5	106
11:31 A.M. - 2:30 P.M.	15	14	12	15	8	13	8	2	-	-	-	-	94
2:31 P.M. - 5:30 P.M.	30	19	25	21	10	18	11	3	-	-	-	-	144
5:31 P.M. - 8:30 P.M.	13	16	17	12	12	17	9	6	1	1	-	12	115
8:31 P.M. - 11:30 P.M.	10	7	11	9	11	6	8	1	4	-	-	5	72
UNKNOWN	1	-	1	-	-	-	-	-	-	-	-	1	3
TOTAL	180	113	111	81	57	72	56	22	10	2	-	44	748

- Data not available

1981

ACCIDENTS BY HOURS DRIVING AND TIME OF DAY

TIME	1 HOUR	2 HOURS	3 HOURS	4 HOURS	5 HOURS	6 HOURS	7 HOURS	8 HOURS	9 HOURS	10 HOURS	11 TO 12 HOURS	DATA NOT GIVEN	TOTAL
CHARTER													
11:31 P.M. - 2:30 A.M.	1	2	6	2	2	1	2	1	1	1	-	2	21
2:31 A.M. - 5:30 A.M.	2	-	-	3	-	1	3	-	-	-	-	-	9
5:31 A.M. - 8:30 A.M.	12	3	-	1	-	-	-	-	-	-	-	1	17
8:31 A.M. - 11:30 A.M.	14	10	9	3	1	-	-	-	-	-	-	1	38
11:31 A.M. - 2:30 P.M.	6	7	6	2	4	3	3	-	-	-	-	-	31
2:31 P.M. - 5:30 P.M.	1	7	3	6	3	5	2	1	-	-	-	2	30
5:31 P.M. - 8:30 P.M.	4	3	2	2	2	5	3	2	2	-	-	5	30
8:31 P.M. - 11:30 P.M.	3	1	2	4	2	-	2	3	1	-	-	-	18
UNKNOWN	-	-	-	1	-	-	-	-	-	-	-	-	1
TOTAL	43	33	28	24	14	15	15	7	4	1	-	11	195
REGULAR													
11:31 P.M. - 2:30 A.M.	2	3	3	4	4	2	4	6	1	-	1	5	35
2:31 A.M. - 5:30 A.M.	7	3	1	6	2	2	2	2	2	-	-	-	27
5:31 A.M. - 8:30 A.M.	46	17	13	7	4	1	1	2	-	-	-	3	94
8:31 A.M. - 11:30 A.M.	27	20	21	15	4	5	3	2	-	-	-	-	104
11:31 A.M. - 2:30 P.M.	15	11	15	13	12	6	4	3	-	-	-	10	89
2:31 P.M. - 5:30 P.M.	23	18	10	19	11	6	6	5	1	1	-	-	117
5:31 P.M. - 8:30 P.M.	9	14	12	22	18	8	7	4	2	-	1	5	102
8:31 P.M. - 11:30 P.M.	10	6	10	9	11	8	2	1	2	-	-	4	63
UNKNOWN	-	1	-	-	1	-	-	-	-	-	-	-	2
TOTAL	139	93	85	95	67	38	29	25	8	1	2	51	633
DATA NOT GIVEN													
11:31 P.M. - 2:30 A.M.	-	-	-	-	-	-	-	1	-	-	-	-	1
2:31 A.M. - 5:30 A.M.	-	-	-	-	-	-	-	-	1	-	-	1	2
8:31 P.M. - 11:30 P.M.	-	-	-	-	-	-	-	-	-	1	-	1	1
TOTAL	-	-	-	-	-	-	-	1	1	-	-	2	4
TOTAL													
11:31 P.M. - 2:30 A.M.	3	5	9	6	6	3	6	8	2	1	1	7	57
2:31 A.M. - 5:30 A.M.	9	3	1	9	2	3	5	2	3	-	-	1	38
5:31 A.M. - 8:30 A.M.	58	20	13	8	4	1	1	2	-	-	-	4	111
8:31 A.M. - 11:30 A.M.	41	30	30	18	5	5	3	2	-	-	-	8	142
11:31 A.M. - 2:30 P.M.	21	18	21	15	16	9	7	3	-	-	-	10	120
2:31 P.M. - 5:30 P.M.	24	25	13	25	14	11	8	6	1	1	-	19	147
5:31 P.M. - 8:30 P.M.	13	17	14	24	20	13	10	6	4	-	1	10	132
8:31 P.M. - 11:30 P.M.	13	7	12	13	13	8	4	4	3	-	-	5	82
UNKNOWN	-	1	-	1	1	-	-	-	-	-	-	-	3
TOTAL	182	126	113	119	81	53	44	33	13	2	2	64	832

- Data not available

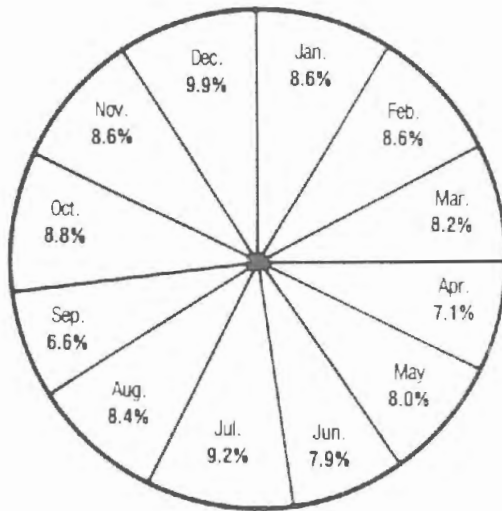
The data appearing in the above charts is raw data. It has not been compared to trip length or any other exposure data. Qualitative research indicates that accidents occur more frequently during the first few hours of driving and that most trips are completed during the first few hours of driving and that most trips are completed during a 6 hour period. For additional information on the subject see "Analysis of Accident Data and Hours of Service of Interstate Commercial Motor Vehicle Drivers." This publication (PB286718) is available from the National Technical Information Service, Springfield, Virginia 22161 at a cost of \$5.25 per copy.

1980

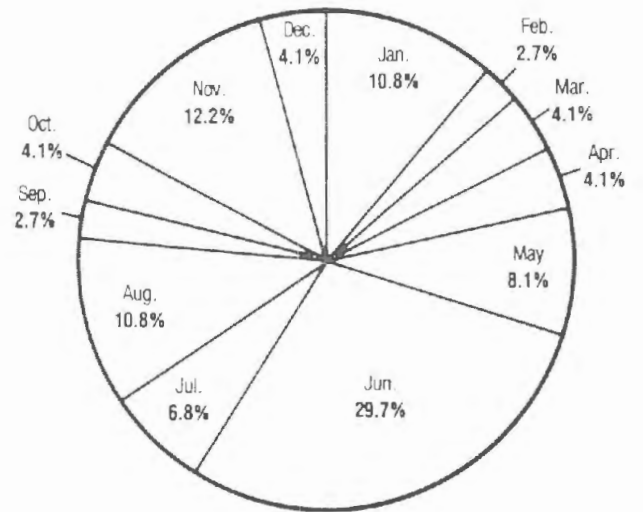
MONTHLY STATISTICS

MONTH	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
NOT GIVEN (OO)	2	0	0	0	0	4	0	1	0	5	\$15	
JANUARY	64	2	0	0	0	93	5	31	8	122	297	
FEBRUARY	64	0	0	0	0	91	0	54	0	151	571	
MARCH	61	0	0	0	0	143	0	34	0	188	361	
APRIL	53	0	0	0	0	92	0	48	0	147	434	
MAY	60	0	0	0	0	58	6	44	0	109	344	
JUNE	59	0	0	0	0	72	0	36	22	119	501	
JULY	69	0	0	0	0	54	4	17	5	108	364	
AUGUST	63	0	0	0	0	110	0	34	0	214	377	
SEPTEMBER	49	0	0	0	0	33	0	29	0	66	271	
OCTOBER	66	0	0	0	0	44	0	46	0	97	325	
NOVEMBER	64	1	0	0	0	86	0	48	0	142	310	
DECEMBER	74	0	0	1	0	188	0	14	3	243	487	
TOTAL	748	4	0	1	0	1,058	48	556	74	1,711	4,658	

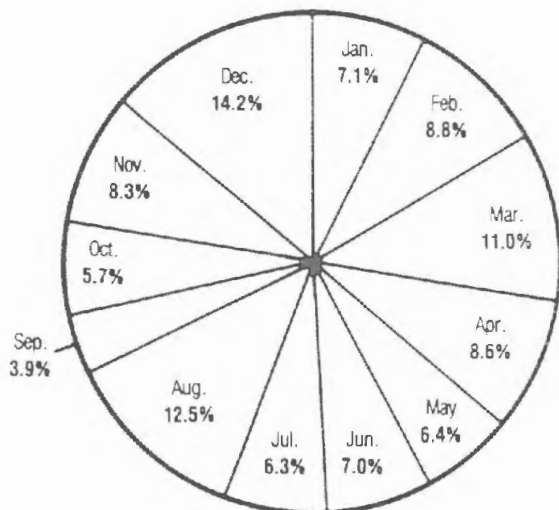
MONTHLY STATISTICS ACCIDENTS



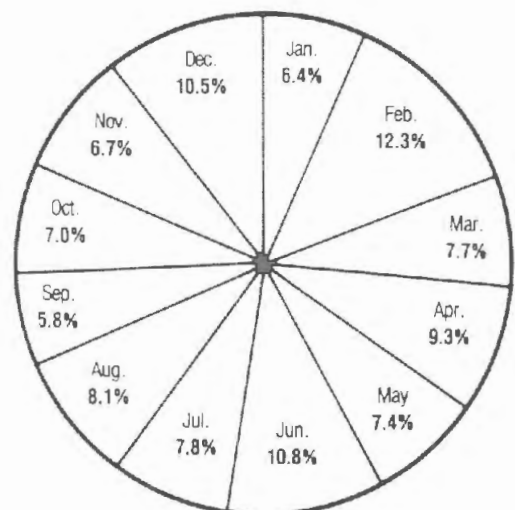
MONTHLY STATISTICS FATALITIES



MONTHLY STATISTICS INJURIES



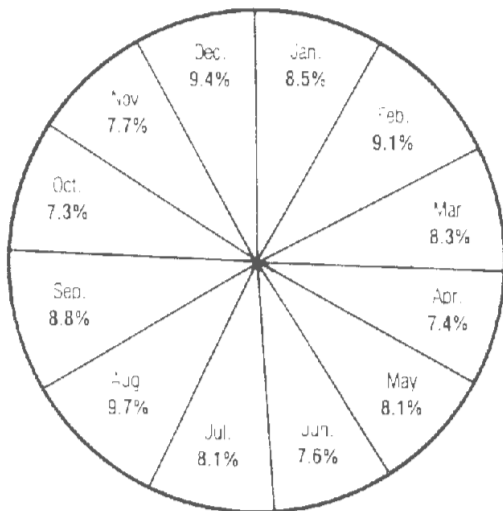
MONTHLY STATISTICS PROPERTY DAMAGE



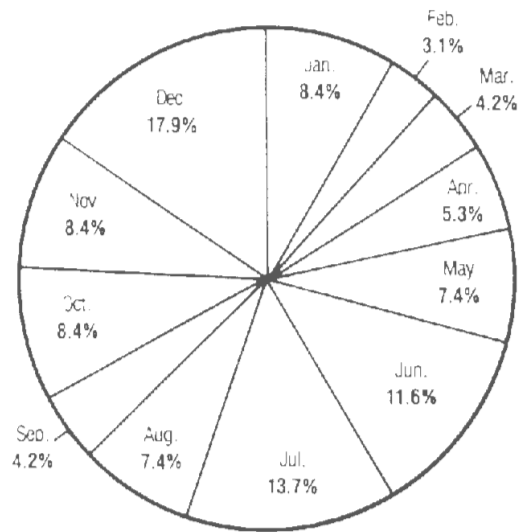
MONTHLY STATISTICS

MONTH	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
JANUARY	77	1	1	1	1	1	1	7	40	8	152	6635
FEBRUARY	76	1	1	1	1	1	1	3	47	3	165	421
MARCH	69	1	1	1	1	1	1	3	58	4	265	469
APRIL	62	1	1	1	1	1	1	5	51	5	137	603
MAY	67	1	1	1	1	1	1	7	39	5	167	442
JUNE	63	1	1	1	1	1	1	10	45	11	159	326
JULY	67	1	1	1	1	1	1	13	82	13	172	407
AUGUST	81	1	1	1	1	1	1	6	135	7	299	496
SEPTEMBER	73	1	1	1	1	1	1	4	46	4	138	340
OCTOBER	61	1	1	1	1	1	1	8	72	8	133	319
NOVEMBER	64	1	1	1	1	1	1	8	43	8	140	345
DECEMBER	78	1	1	1	1	1	1	17	58	17	174	490
TOTAL	832	2	103	1	1	1	1	91	716	95	2,041	5,292

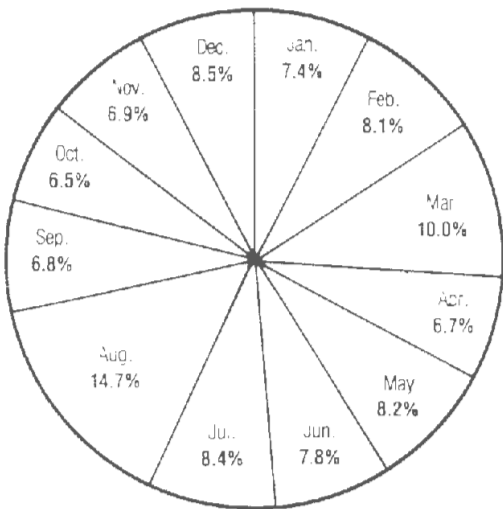
MONTHLY STATISTICS ACCIDENTS



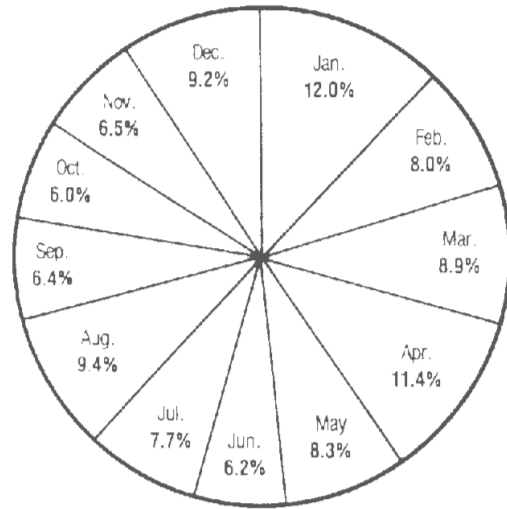
MONTHLY STATISTICS FATALITIES



MONTHLY STATISTICS INJURIES



MONTHLY STATISTICS PROPERTY DAMAGE



1980

ACCIDENTS BY NUMBER OF HOURS DRIVING AND TYPE DISTRICT

DRIVING HOURS SINCE REST	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOU- SANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
1 HOUR												
RURAL	56	0	9	0	0	0	94	2	42	2	145	\$425
RESIDENTIAL	29	0	6	0	0	0	27	3	25	3	58	145
BUSINESS	89	0	10	0	0	0	90	4	70	4	170	554
DATA NOT GIVEN	6	0	1	0	0	0	33	1	0	1	34	34
TOTAL	180	0	26	0	0	0	244	10	137	10	407	1,158
2 HOURS												
RURAL	37	0	12	0	0	2	178	6	25	8	215	554
RESIDENTIAL	16	0	1	0	0	0	9	0	13	0	23	61
BUSINESS	59	0	5	0	0	0	73	1	42	1	120	240
DATA NOT GIVEN	1	0	0	0	0	0	0	0	3	0	3	3
TOTAL	113	0	18	0	0	2	260	7	83	9	361	858
3 HOURS												
RURAL	41	2	6	0	1	1	71	5	20	8	98	302
RESIDENTIAL	14	0	1	0	0	0	11	1	8	1	20	54
BUSINESS	56	0	4	0	1	0	40	2	33	2	78	315
DATA NOT GIVEN	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL	111	2	11	0	2	1	122	8	61	11	196	671
4 HOURS												
RURAL	37	1	7	0	0	0	53	3	23	4	83	299
RESIDENTIAL	15	0	0	0	0	0	2	1	14	1	16	55
BUSINESS	28	0	4	0	0	0	15	1	27	1	46	91
DATA NOT GIVEN	1	0	0	0	0	0	0	0	0	0	0	8
TOTAL	81	1	11	0	0	0	70	5	64	6	145	453
5 HOURS												
RURAL	26	0	4	0	0	0	77	7	17	7	98	228
RESIDENTIAL	9	0	1	0	0	0	5	0	8	1	14	54
BUSINESS	21	1	3	0	0	0	14	0	18	1	35	67
DATA NOT GIVEN	1	0	0	0	0	0	0	0	1	0	1	17
TOTAL	57	1	8	0	0	0	96	8	44	9	148	366
6 HOURS												
RURAL	30	0	2	0	0	0	52	2	26	2	80	204
RESIDENTIAL	10	0	3	0	0	0	11	1	13	1	27	52
BUSINESS	32	0	2	0	0	0	22	1	19	1	43	120
DATA NOT GIVEN	1	0	0	0	0	0	0	0	0	0	0	8
TOTAL	72	0	7	0	0	0	85	4	58	4	150	376
7 HOURS												
RURAL	20	0	2	0	0	0	6	1	13	1	21	122
RESIDENTIAL	7	0	1	0	0	0	12	0	4	0	17	20
BUSINESS	26	0	2	0	0	0	27	1	20	1	49	140
DATA NOT GIVEN	3	0	0	0	0	0	0	0	2	0	2	21
TOTAL	56	0	5	0	0	0	45	2	39	2	89	303
8 HOURS												
RURAL	5	0	0	0	0	19	16	0	4	19	20	81
RESIDENTIAL	5	0	2	0	0	0	3	0	5	0	10	19
BUSINESS	10	0	1	0	0	0	27	0	14	0	42	108
DATA NOT GIVEN	1	0	0	0	0	0	0	0	6	0	6	50
TOTAL	22	0	3	0	0	19	46	0	29	19	78	258
9 HOURS												
RURAL	1	0	0	0	0	0	0	0	5	0	5	3
RESIDENTIAL	2	0	0	0	0	0	0	0	0	0	0	26
BUSINESS	7	0	0	0	0	0	5	0	6	0	11	21
DATA NOT GIVEN	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL	10	0	0	0	0	0	5	0	11	0	16	50
10 HOURS												
RURAL	2	0	0	0	0	0	0	1	0	1	0	6
RESIDENTIAL	2	0	0	0	0	0	0	1	0	1	0	6
BUSINESS	19	0	2	0	0	0	45	2	15	2	52	66
DATA NOT GIVEN	1	0	0	0	0	0	0	0	2	0	2	0
TOTAL	24	0	2	0	0	0	45	3	17	4	66	134
11 HOURS												
RURAL	10	0	3	0	0	0	33	1	2	1	38	62
RESIDENTIAL	14	0	1	0	0	0	7	0	11	0	19	32
BUSINESS	19	0	2	0	0	0	45	2	15	2	52	66
DATA NOT GIVEN	1	0	0	0	0	0	0	0	2	0	2	0
TOTAL	44	0	6	0	0	0	85	3	30	3	121	160
TOTAL												
RURAL	266	3	45	0	1	22	580	28	177	53	803	2,284
RESIDENTIAL	121	0	16	0	0	0	87	7	101	7	204	519
BUSINESS	347	1	33	0	1	0	358	12	264	13	656	1,723
DATA NOT GIVEN	14	0	1	0	0	0	33	1	14	1	48	134
TOTAL	748	4	95	0	2	22	1,058	48	556	74	1,711	4,660

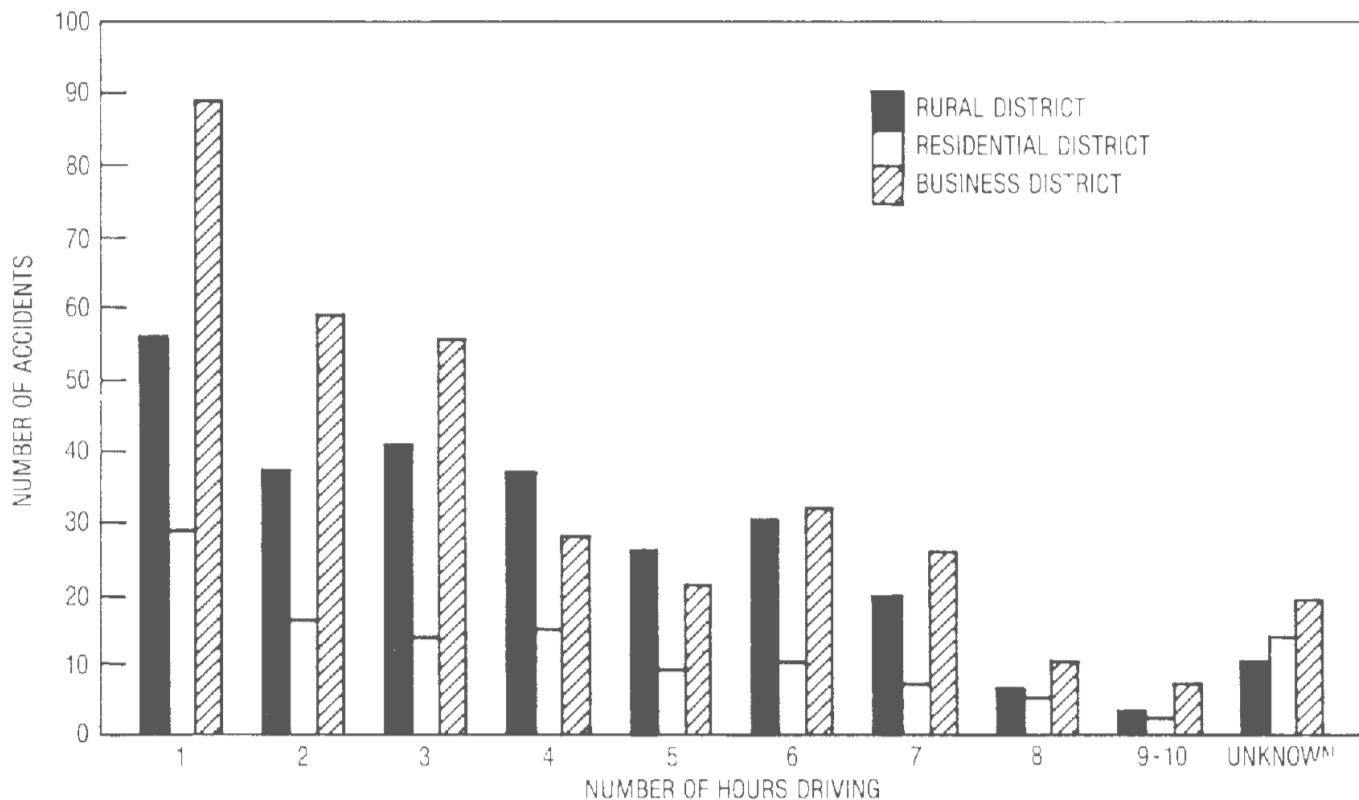
1981

ACCIDENTS BY NUMBER OF HOURS DRIVING AND TYPE DISTRICT

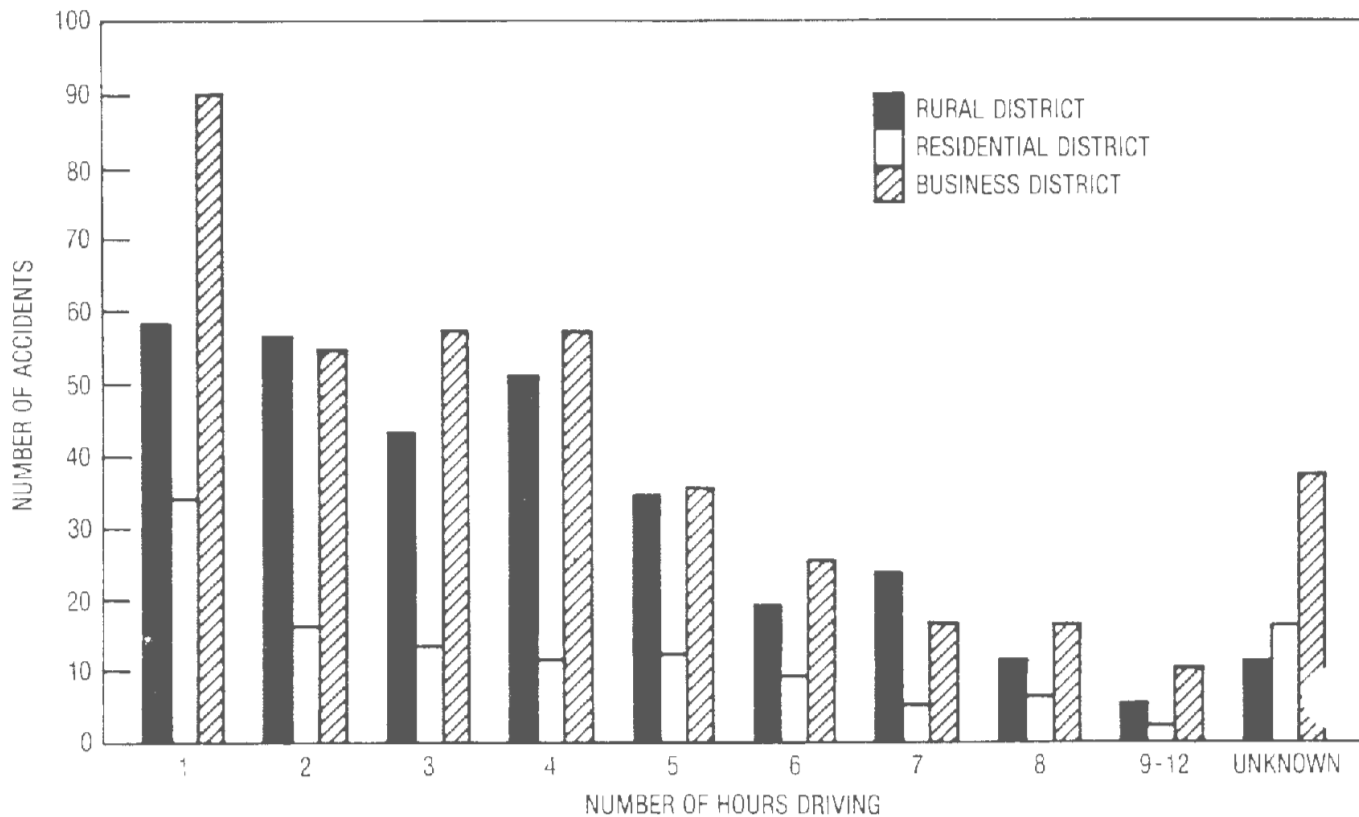
DRIVING HOURS SINCE REST	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOU- SANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
1 HOUR												
RURAL	58	0	9	0	2	0	129	10	31	10	171	\$404
RESIDENTIAL	34	0	2	0	0	0	20	0	29	0	51	184
BUSINESS	90	1	13	0	3	0	71	6	81	7	168	488
TOTAL	182	1	24	0	5	0	220	16	141	17	390	1,076
2 HOURS												
RURAL	56	0	8	0	0	1	125	8	39	9	172	567
RESIDENTIAL	16	0	2	0	0	0	18	1	10	1	30	29
BUSINESS	54	0	7	0	0	0	50	1	23	1	80	285
TOTAL	126	0	17	0	0	1	193	10	72	11	282	881
3 HOURS												
RURAL	43	0	7	0	2	0	74	7	32	7	115	374
RESIDENTIAL	13	0	1	0	0	0	4	0	13	0	18	28
BUSINESS	57	0	5	0	1	0	51	3	64	3	121	309
TOTAL	113	0	13	0	3	0	129	10	109	10	254	711
4 HOURS												
RURAL	51	1	5	0	2	1	127	15	36	17	170	555
RESIDENTIAL	11	0	1	0	0	0	23	0	4	0	28	38
BUSINESS	57	0	4	0	0	0	41	3	38	3	83	203
TOTAL	119	1	10	0	2	1	191	18	78	20	281	796
5 HOURS												
RURAL	34	0	6	0	0	0	68	7	55	7	129	438
RESIDENTIAL	12	0	2	0	0	0	6	0	5	0	13	37
BUSINESS	35	0	4	0	0	0	83	3	38	3	125	141
TOTAL	81	0	12	0	0	0	157	10	98	10	267	616
6 HOURS												
RURAL	19	0	5	0	0	0	62	0	5	0	73	168
RESIDENTIAL	9	0	1	0	0	0	12	1	3	1	16	22
BUSINESS	25	0	2	0	1	0	43	3	14	3	60	155
TOTAL	53	0	8	0	1	0	117	4	23	4	149	345
7 HOURS												
RURAL	23	0	2	0	1	0	29	4	22	4	54	281
RESIDENTIAL	5	0	1	0	0	0	6	11	16	11	23	4
BUSINESS	16	0	1	0	0	0	49	2	10	2	60	54
TOTAL	44	0	4	0	1	0	84	17	48	17	137	339
8 HOURS												
RURAL	11	0	1	0	0	0	3	2	9	2	13	69
RESIDENTIAL	6	0	0	0	0	0	4	0	5	0	9	4
BUSINESS	16	0	2	0	0	0	16	2	7	2	25	57
TOTAL	33	0	3	0	0	0	23	4	21	4	47	130
9 HOURS												
RURAL	3	0	2	0	0	0	4	0	2	0	8	60
RESIDENTIAL	2	0	0	0	0	0	0	0	2	0	2	10
BUSINESS	8	0	1	0	0	0	4	0	4	0	9	28
TOTAL	13	0	3	0	0	0	8	0	8	0	19	98
10 HOURS												
RURAL	2	0	0	0	0	0	9	0	1	0	10	0
TOTAL	2	0	0	0	0	0	9	0	1	0	10	0
11 TO 12 HOURS												
BUSINESS	2	0	1	0	0	0	4	0	1	0	6	3
TOTAL	2	0	1	0	0	0	4	0	1	0	6	3
DATA NOT GIVEN												
RURAL	11	0	3	0	0	0	7	1	4	1	14	71
RESIDENTIAL	16	0	2	0	0	0	9	0	11	0	22	65
BUSINESS	37	0	3	0	0	0	59	1	101	1	163	159
TOTAL	64	0	8	0	0	0	75	2	116	2	199	295
TOTAL												
RURAL	311	1	48	0	7	2	637	54	237	57	929	2,987
RESIDENTIAL	124	0	12	0	0	0	102	13	98	13	212	420
BUSINESS	397	1	43	0	5	0	471	24	381	25	900	1,882
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,290

ACCIDENTS BY NUMBER OF HOURS DRIVING AND TYPE DISTRICT

1980



1981





Bus collided with rear of slower moving tractor trailer — 39 Injuries; \$35,000 P.D.*

* Property damage.

ACCIDENTS BY STATE

ACCIDENT LOCATOR STATE	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOU-SANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
ALABAMA	9	0	0	0	0	0	3	1	6	1	9	\$71.2
ALASKA	1	0	0	0	0	0	0	0	0	0	0	4.5
ARIZONA	4	0	1	0	0	0	13	1	2	1	16	17.6
ARKANSAS	10	0	2	0	0	19	45	0	9	19	56	123.4
CALIFORNIA	62	0	6	0	0	0	48	3	46	3	100	404.4
COLORADO	4	0	0	0	0	0	5	0	1	0	6	7.4
CONNECTICUT	3	0	0	0	0	0	0	2	1	2	1	7.7
DELAWARE	4	1	0	0	0	1	16	0	2	2	18	23.2
FLORIDA	20	0	1	0	0	0	17	1	15	1	33	130.8
DISTRICT OF COLUMBIA	6	0	0	0	0	0	0	0	5	0	5	10.2
GEORGIA	10	0	0	0	0	0	1	0	9	0	10	46.2
HAWAII	4	0	2	0	0	0	3	0	1	0	6	46.7
IDAHO	3	0	1	0	0	0	32	0	0	0	33	106.0
ILLINOIS	29	1	0	0	0	0	21	1	28	2	49	145.4
INDIANA	12	0	0	0	0	0	6	0	7	0	13	92.3
IOWA	5	0	0	0	0	0	26	0	2	0	28	39.2
KANSAS	4	0	1	0	0	0	21	0	1	0	23	26.8
KENTUCKY	4	0	1	0	0	0	7	0	6	0	14	83.3
LOUISIANA	16	0	3	0	0	0	57	4	11	4	71	137.7
MAINE	6	0	0	0	0	0	1	1	5	1	6	26.9
MARYLAND	8	0	1	0	0	0	3	1	9	1	13	32.0
MASSACHUSETTS	10	0	1	0	0	0	8	1	5	1	14	49.6
MICHIGAN	14	0	2	0	0	0	27	3	14	3	43	58.1
MINNESOTA	9	0	0	0	0	0	3	0	5	0	9	34.6
MISSISSIPPI	7	0	0	0	0	0	8	1	3	1	12	45.5
MISSOURI	12	0	2	0	0	0	12	2	7	2	21	121.7
MONTANA	2	0	0	0	0	0	0	0	1	0	1	11.5
NEBRASKA	1	0	0	0	0	0	1	0	0	0	1	1.8
NEVADA	5	0	1	0	0	0	19	0	1	0	21	30.4
NEW HAMPSHIRE	1	0	0	0	0	0	1	0	0	0	1	8.0
NEW JERSEY	189	1	35	0	2	0	253	5	178	6	468	998.3
NEW MEXICO	5	0	0	0	0	0	7	1	7	1	14	15.1
NEW YORK	96	0	8	0	0	0	71	3	60	3	139	432.1
NORTH CAROLINA	8	0	2	0	0	0	46	2	3	2	51	42.0
NORTH DAKOTA	2	0	0	0	0	0	0	0	1	0	1	5.6
OHIO	14	0	3	0	0	0	14	1	11	1	28	126.7
OKLAHOMA	6	0	1	0	0	0	7	0	4	0	12	82.5
OREGON	12	0	2	0	0	0	36	0	4	0	42	91.0
PENNSYLVANIA	30	0	7	0	1	0	57	3	15	4	79	287.0
RHODE ISLAND	1	0	0	0	0	0	0	0	0	0	0	3.3
SOUTH CAROLINA	2	0	0	0	0	0	0	0	8	0	8	8.4
SOUTH DAKOTA	1	0	0	0	0	0	0	0	0	0	0	5.2
TENNESSEE	9	0	2	0	0	0	17	3	9	3	28	47.0
TEXAS	34	1	2	0	0	0	44	6	20	7	66	161.7
UTAH	3	0	0	0	0	0	0	0	2	0	2	46.5
VERMONT	1	0	0	0	0	0	12	0	0	0	13	50.0
VIRGINIA	19	0	2	0	0	1	28	0	12	1	42	137.5
WASHINGTON	6	0	1	0	0	0	35	0	0	0	36	45.6
WEST VIRGINIA	2	0	0	0	0	0	0	0	0	0	0	7.6
WISCONSIN	12	0	1	0	0	0	17	0	9	0	27	42.1
WYOMING	4	0	0	0	0	0	4	0	3	0	7	15.5
OTHER	7	0	0	0	0	0	6	2	8	2	15	63.4
TOTAL	748	4	55	0	2	22	1,058	48	556	74	1,711	4,659.4

ACCIDENTS BY STATE



ACCIDENTS BY STATE

ACCIDENT LOCATOR STATE	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOU. SANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
ALABAMA	16	0	1	0	0	0	14	1	5	1	20	\$164.1
ALASKA	1	0	0	0	0	0	2	0	1	0	3	9.0
ARIZONA	10	0	4	0	1	0	11	1	12	1	28	149.3
ARKANSAS	2	0	1	0	0	0	27	0	0	0	28	56.4
CALIFORNIA	82	0	10	0	1	0	84	4	51	4	146	375.1
COLORADO	6	0	3	0	0	0	14	0	2	0	19	83.1
CONNECTICUT	20	0	0	0	0	0	13	1	10	1	23	178.6
DELAWARE	2	0	2	0	0	0	13	1	6	1	21	70.0
FLORIDA	18	0	1	0	0	0	28	10	28	10	57	76.6
DISTRICT OF COLUMBIA	17	0	0	0	0	0	2	0	38	0	40	87.7
GEORGIA	10	0	0	0	0	0	5	3	40	3	45	69.5
HAWAII	13	0	5	0	2	0	19	1	9	1	35	71.9
IDAHO	1	0	0	0	0	0	0	0	0	0	0	5.0
ILLINOIS	19	0	2	0	0	0	12	0	12	0	26	66.9
INDIANA	5	0	0	0	0	0	0	1	1	1	1	13.7
IOWA	9	0	0	0	0	0	4	0	6	0	10	45.9
KANSAS	3	0	0	0	0	0	1	2	2	2	3	5.5
KENTUCKY	9	0	2	0	0	0	22	2	3	2	27	102.0
LOUISIANA	9	0	1	0	0	0	7	1	10	1	18	88.3
MAINE	1	0	0	0	0	0	1	0	1	0	2	108.8
MARYLAND	12	0	3	0	0	0	88	3	3	3	94	242.6
MASSACHUSETTS	9	0	0	0	0	0	5	0	3	0	8	43.2
MICHIGAN	15	0	0	0	0	0	6	1	12	1	18	72.0
MINNESOTA	7	0	0	0	0	0	1	3	3	3	4	46.7
MISSISSIPPI	3	0	0	0	0	0	0	1	0	1	0	50.3
MISSOURI	11	0	1	0	0	0	6	1	7	1	14	179.9
MONTANA	4	0	0	0	0	0	8	0	5	0	13	35.8
NEBRASKA	3	0	0	0	0	0	8	0	3	0	11	18.0
NEVADA	7	0	0	0	0	0	10	0	6	0	16	33.1
NEW JERSEY	216	2	31	0	4	1	399	13	218	15	652	933.7
NEW MEXICO	2	0	0	0	0	0	0	0	3	0	3	8.2
NEW YORK	128	0	17	0	1	0	161	6	49	6	228	541.7
NORTH CAROLINA	14	0	2	0	2	0	16	10	42	10	62	147.0
NORTH DAKOTA	1	0	0	0	0	0	0	0	0	0	0	16.0
OHIO	12	0	1	0	0	0	19	3	5	3	25	80.3
OKLAHOMA	5	0	1	0	0	0	8	1	7	1	16	10.0
OREGON	13	0	0	0	0	0	8	4	5	4	13	74.5
PENNSYLVANIA	30	0	3	0	1	0	22	5	21	5	47	239.9
RHODE ISLAND	1	0	0	0	0	0	0	0	0	0	0	3.2
SOUTH CAROLINA	7	0	0	0	0	0	0	1	17	1	17	12.1
TENNESSEE	10	0	2	0	0	0	20	0	8	0	30	46.6
TEXAS	25	0	7	0	0	0	46	6	11	6	64	251.9
UTAH	4	0	1	0	0	0	17	1	21	1	39	22.7
VERMONT	3	0	0	0	0	0	0	0	1	0	1	12.8
VIRGINIA	14	0	1	0	0	0	0	1	15	1	16	59.4
WASHINGTON	5	0	0	0	0	0	13	0	3	0	16	32.0
WEST VIRGINIA	2	0	0	0	0	0	5	2	1	2	6	22.0
WISCONSIN	6	0	0	0	0	0	0	0	3	0	3	20.1
WYOMING	3	0	1	0	0	1	50	1	4	2	55	155.0
OTHER	7	0	0	0	0	0	15	0	3	0	18	52.5
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,290.7

ACCIDENTS BY STATE





Bus ran off roadway; overturned. 4 Fatalities; 11 Injuries; \$23,000 P.D.*

*Property damage.

The Driver

This section contains information relating to the drivers:

- Accidents by driver age and years of service with company
- Non-collision accidents by hours of driving
- Collision/Noncollision accidents by driver age, type operation and experience with company
- Accidents by driver age, experience and type operation



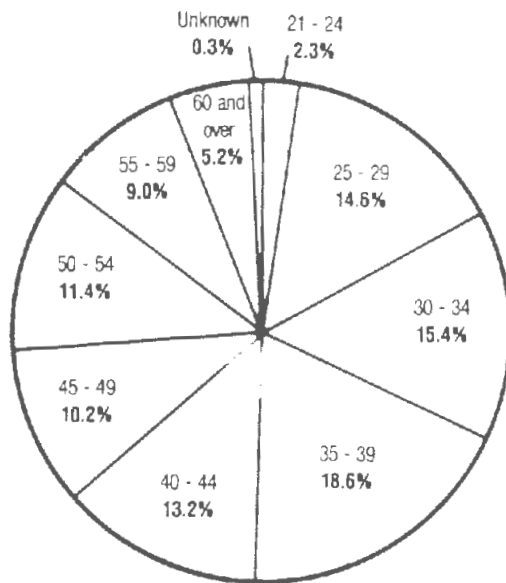
ACCIDENTS BY DRIVER AGE

DRIVER AGE	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE THOUSANDS
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
21-24	27	1	0	0	0	1	13	1	14	3	27	360
25-29	109	0	15	0	0	0	152	7	94	7	251	744
30-34	115	0	13	0	0	0	149	2	80	2	242	614
35-39	135	0	17	0	0	1	218	9	93	10	329	888
40-44	99	0	15	0	0	0	125	12	76	13	220	673
45-49	76	0	9	0	0	0	101	6	70	6	181	457
50-54	85	0	9	0	0	0	133	6	71	7	213	547
55-59	67	0	8	0	0	0	102	1	42	3	152	283
60 AND OVER	39	0	3	0	0	19	65	4	25	23	96	345
UNKNOWN	2	0	0	0	0	0	0	0	0	0	0	2
TOTAL	748	1	95	0	0	22	1,058	48	555	74	1,711	4,659

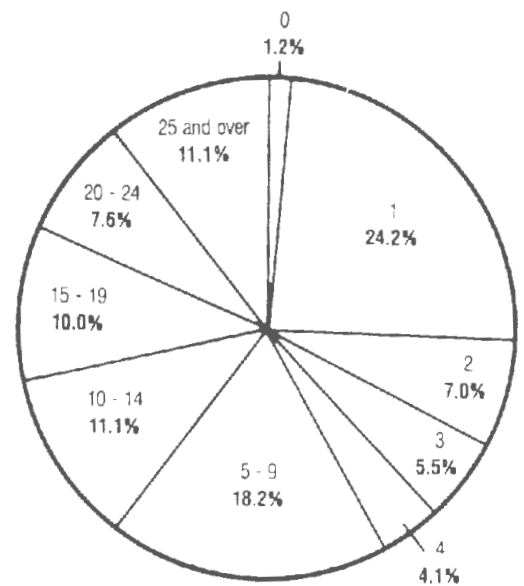
ACCIDENTS BY DRIVER'S YEARS OF SERVICE WITH COMPANY

DRIVER EXPERIENCE YEARS	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE THOUSANDS
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
0	9	0	3	0	0	1	21	0	5	2	30	393
1	181	0	19	0	0	0	258	9	120	9	387	1,113
2	52	0	7	0	0	0	80	4	32	5	119	319
3	41	0	6	0	0	0	88	1	23	1	119	355
4	31	0	5	0	0	0	31	1	34	1	70	197
5-9	135	0	23	0	0	1	193	13	114	15	331	1,017
10-14	83	0	9	0	0	0	105	1	57	1	171	492
15-19	75	0	10	0	0	0	113	7	53	8	177	413
20-24	67	0	2	0	0	0	68	4	64	5	134	251
25 AND OVER	63	0	3	0	0	19	101	8	53	27	163	493
TOTAL	748	1	95	0	2	22	1,058	48	555	74	1,711	4,661

ACCIDENTS BY DRIVER AGE



ACCIDENTS BY DRIVER'S YEARS OF SERVICE WITH COMPANY



1981

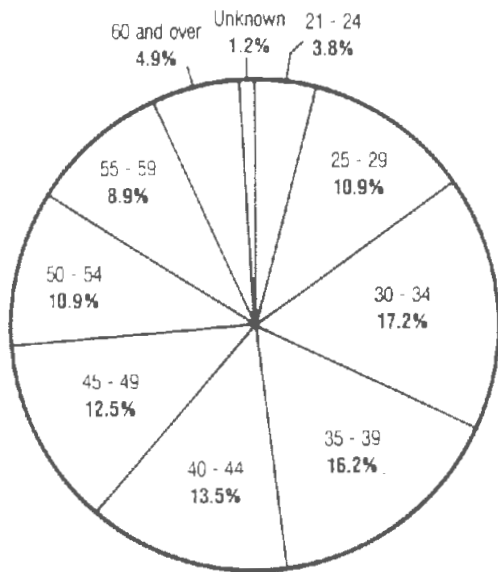
ACCIDENTS BY DRIVER AGE

DRIVER AGE	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
21-24	31	0	2	0	0	0	0	3	20	0	42	593
25-29	91	0	17	0	0	0	0	8	58	8	258	715
30-34	143	0	16	0	1	0	0	4	110	4	321	1,032
35-39	135	0	15	0	4	1	1	11	84	12	336	874
40-44	112	0	18	0	0	0	0	18	131	18	372	679
45-49	104	0	13	0	1	0	0	15	70	15	189	729
50-54	91	1	9	0	2	1	1	7	59	9	270	463
55-59	74	1	7	0	3	0	0	18	84	19	175	489
60 AND OVER	4	0	4	0	0	0	0	5	35	5	86	133
UNKNOWN	10	0	2	0	1	0	0	2	55	2	61	34
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,292

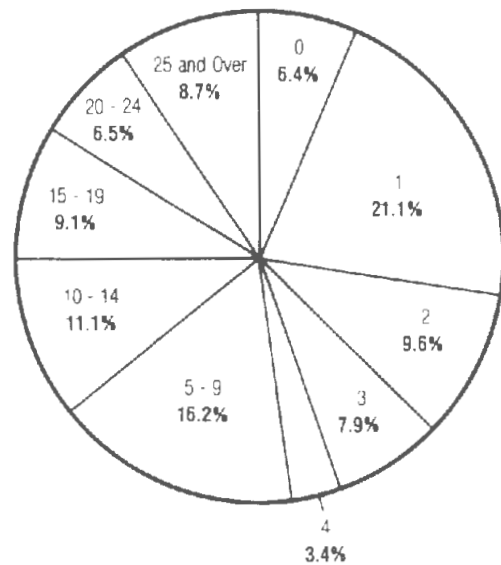
ACCIDENTS BY DRIVER'S YEARS OF SERVICE WITH COMPANY

DRIVER EXPERIENCE YEARS	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
0	53	0	7	0	2	0	91	5	29	5	129	5328
1	176	0	17	0	2	0	190	7	116	7	325	1,191
2	80	0	10	0	2	0	137	8	53	8	202	425
3	66	0	11	0	0	0	102	6	59	6	172	462
4	28	0	6	0	0	0	37	3	23	3	66	106
5-9	135	0	23	0	2	0	278	18	109	18	412	991
10-14	92	1	9	0	0	1	105	10	92	12	206	643
15-19	76	1	10	0	0	0	114	5	69	5	193	347
20-24	54	0	5	0	1	0	71	18	50	18	127	334
25 AND OVER	72	0	5	0	3	1	85	11	116	12	209	463
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,290

ACCIDENTS BY DRIVER AGE



ACCIDENTS BY DRIVER'S YEARS OF SERVICE WITH COMPANY



1980

NON-COLLISION ACCIDENTS BY HOURS OF DRIVING

DRIVING HOURS SINCE REST	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPER DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
RAN OFF ROAD												
1 HOUR	2	0	0	0	0	0	3	0	0	0	3	520
2 HOURS	2	0	4	0	0	0	83	0	0	2	87	192
3 HOURS	2	0	3	0	0	0	14	0	0	0	17	135
4 HOURS	2	0	1	0	0	0	28	0	0	1	29	58
5 HOURS	1	0	1	0	0	0	38	0	0	0	39	50
6 HOURS	4	0	0	0	0	0	21	0	0	0	21	29
7 HOURS	1	0	1	0	0	0	4	0	0	0	5	3
8 HOURS	2	0	0	0	0	0	15	0	0	19	16	40
DATA NOT GIVEN	2	0	1	0	0	0	20	0	0	0	21	23
TOTAL	26	0	11	0	0	0	227	0	0	22	238	510
OTHER NON-COLLISION ACCIDENTS												
1 HOUR	3	0	0	0	0	0	1	0	2	0	3	14
2 HOURS	3	0	0	0	0	0	5	0	0	0	5	2
3 HOURS	3	0	0	0	0	0	3	0	0	0	3	37
4 HOURS	3	0	0	0	0	0	8	0	0	0	9	15
5 HOURS	3	0	0	0	0	0	17	0	0	0	17	25
6 HOURS	3	0	1	0	0	0	6	0	0	0	7	11
DATA NOT GIVEN	3	0	0	0	0	0	3	0	0	0	3	0
TOTAL	20	0	2	0	0	0	43	0	2	0	47	104

1981

NON-COLLISION ACCIDENTS BY HOURS OF DRIVING

DRIVING HOURS SINCE REST	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPER DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
RAN OFF ROAD												
1 HOUR	4	0	3	0	1	0	54	0	0	0	58	556
2 HOURS	4	0	1	0	0	0	21	0	0	0	22	59
3 HOURS	2	0	1	0	0	0	12	0	1	0	14	25
4 HOURS	5	0	2	0	0	0	37	0	0	0	39	89
7 HOURS	3	0	0	0	0	0	13	0	0	0	13	54
9 HOURS	1	0	0	0	0	0	1	0	0	0	1	0
10 HOURS	1	0	0	0	0	0	9	0	0	0	9	0
TOTAL	29	0	7	0	1	0	147	0	1	0	156	283
OTHER NON-COLLISION ACCIDENTS												
1 HOUR	13	0	1	0	0	0	10	0	0	0	11	59
2 HOURS	11	0	1	0	0	0	19	0	0	0	20	18
3 HOURS	6	0	0	0	0	0	7	0	0	0	7	0
4 HOURS	9	0	0	0	0	0	10	0	0	1	10	27
5 HOURS	10	0	0	0	0	0	10	0	0	0	10	80
6 HOURS	3	0	0	0	0	0	5	0	0	0	5	0
7 HOURS	1	0	0	0	0	0	1	0	0	0	1	0
8 HOURS	2	0	0	0	0	0	2	0	0	0	2	0
DATA NOT GIVEN	10	0	0	0	0	0	11	0	0	0	11	0
TOTAL	55	0	2	0	0	0	75	0	0	1	77	184

1980

COLLISION/NON-COLLISION ACCIDENTS BY DRIVER AGE AND TYPE OPERATION

	DRIVER AGE										TOTAL
	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60 AND OVER	UNKNOWN	
COLLISION											
CHARTER	3	24	26	29	15	12	15	9	10	-	143
REGULAR	14	73	84	97	81	52	67	49	27	1	555
DATA NOT GIVEN	-	-	-	2	-	1	-	-	-	1	4
TOTAL	17	97	110	128	96	75	82	58	37	2	702
NON-COLLISION											
CHARTER	-	2	3	1	1	-	1	3	1	-	13
REGULAR	-	10	2	10	2	-	2	6	1	-	33
TOTAL	-	12	5	11	3	-	3	9	2	-	46
TOTAL	17	109	115	139	99	75	85	67	39	2	748

- Data not available.

1981

COLLISION/NON-COLLISION ACCIDENTS BY EXPERIENCE WITH COMPANY

	DRIVER EXPERIENCE WITH REPORTING MOTOR CARRIER IN YEARS										TOTAL
	0	1	2	3	4	5-9	10-14	15-19	20-24	25 AND OVER	
COLLISION											
CHARTER	7	48	25	15	9	26	15	6	4	4	159
REGULAR	40	110	42	41	19	98	65	63	45	61	584
DATA NOT GIVEN	-	-	-	-	-	1	1	-	-	2	4
TOTAL	47	158	67	56	28	125	81	69	49	67	747
NON-COLLISION											
CHARTER	3	11	7	4	-	6	3	2	-	-	36
REGULAR	3	7	6	6	-	4	8	5	5	5	49
TOTAL	6	18	13	10	-	10	11	7	5	5	85
TOTAL	53	176	80	66	28	135	92	76	54	72	832

- Data not available.

1980

COLLISION/NON-COLLISION ACCIDENTS BY EXPERIENCE WITH COMPANY

	DRIVER EXPERIENCE WITH REPORTING MOTOR CARRIER IN YEARS										TOTAL
	0	1	2	3	4	5-9	10-14	15-19	20-24	25 AND OVER	
COLLISION											
CHARTER	4	46	13	7	8	34	12	6	8	5	143
REGULAR	4	120	31	27	23	54	57	69	48	72	555
DATA NOT GIVEN	1	1	-	-	-	1	-	-	-	1	4
TOTAL	9	167	44	34	31	129	79	75	56	78	702
NON-COLLISION											
CHARTER	-	3	3	3	-	2	-	-	-	2	13
REGULAR	-	11	5	4	-	5	4	-	1	3	33
TOTAL	-	14	8	7	-	7	4	-	1	5	46
TOTAL	9	181	52	41	31	136	83	75	57	83	748

- Data not available.

1981

COLLISION/NON-COLLISION ACCIDENTS BY DRIVER AGE AND TYPE OPERATION

	DRIVER AGE										TOTAL
	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60 AND OVER	UNKNOWN	
COLLISION											
CHARTER	6	20	33	30	21	16	14	8	9	2	159
REGULAR	21	62	98	90	81	74	68	59	24	7	584
DATA NOT GIVEN	1	-	-	2	-	-	-	-	-	1	4
TOTAL	28	82	131	122	102	90	82	67	33	10	747
NON-COLLISION											
CHARTER	1	5	4	5	7	7	2	2	3	-	36
REGULAR	2	4	8	8	3	7	7	5	5	-	49
TOTAL	3	9	12	13	10	14	9	7	8	-	85
TOTAL	31	91	143	135	112	104	91	74	41	10	832

- Data not available.

1980

ACCIDENTS BY DRIVER AGE, EXPERIENCE AND TYPE OPERATION

DRIVER AGE	DRIVER EXPERIENCE IN YEARS										TL	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25 AND OVER		
21-24												
CHARTER	-	2	1	-	-	-	-	-	-	-	-	3
REGULAR	2	10	2	-	-	-	-	-	-	-	-	14
TOTAL	2	12	3	-	-	-	-	-	-	-	-	17
25-29												
CHARTER	2	14	6	3	-	1	-	-	-	-	-	26
REGULAR	1	54	9	10	3	4	-	-	-	-	2	83
TOTAL	3	68	15	13	3	5	-	-	-	-	2	109
30-34												
CHARTER	-	13	1	2	2	10	-	-	-	-	1	29
REGULAR	-	31	9	4	12	27	2	-	-	-	1	86
TOTAL	-	44	10	6	14	37	2	-	-	-	2	115
35-39												
CHARTER	-	4	4	1	3	13	4	1	-	-	-	30
REGULAR	-	17	7	8	3	40	28	3	-	-	1	107
DATA NOT GIVEN	1	-	-	-	-	1	-	-	-	-	-	2
TOTAL	1	21	11	9	6	54	32	4	-	-	1	139
40-44												
CHARTER	-	5	2	-	-	4	2	2	-	-	1	16
REGULAR	1	9	6	3	1	20	22	20	-	-	1	83
TOTAL	1	14	8	3	1	24	24	22	-	-	2	99
45-49												
CHARTER	2	1	-	1	1	-	5	2	1	-	-	13
REGULAR	-	5	3	2	1	3	8	25	13	-	2	62
DATA NOT GIVEN	-	1	-	-	-	-	-	-	-	-	-	1
TOTAL	2	7	3	3	2	3	13	27	14	-	2	76
50-54												
CHARTER	-	3	-	1	-	7	-	1	3	-	1	16
REGULAR	-	2	-	1	1	3	4	16	26	16	1	69
TOTAL	-	5	-	2	1	10	4	17	29	17	2	85
55-59												
CHARTER	-	5	-	1	1	-	-	-	3	-	2	12
REGULAR	-	2	-	2	2	1	4	5	9	30	1	55
TOTAL	-	7	-	3	3	1	4	5	12	32	3	67
60 AND OVER												
CHARTER	-	2	2	1	1	1	1	-	1	-	2	11
REGULAR	-	1	-	1	-	1	3	-	1	21	1	28
TOTAL	-	3	2	2	1	2	4	-	2	23	3	39
UNKNOWN												
REGULAR	-	-	-	-	-	-	-	-	-	-	1	1
DATA NOT GIVEN	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL	-	-	-	-	-	-	-	-	-	-	2	2
TOTAL												
CHARTER	4	49	16	10	8	36	12	6	8	7	7	156
REGULAR	4	131	36	31	23	99	71	69	49	75	75	588
DATA NOT GIVEN	1	1	-	-	-	1	-	-	-	-	1	4
TOTAL	9	181	52	41	31	136	83	75	57	83	83	748

- Data not available.

ACCIDENTS BY DRIVER AGE, EXPERIENCE AND TYPE OPERATION

DRIVER AGE	DRIVER EXPERIENCE IN YEARS										TOTAL	
	0	1	2	3	4	5-9	10-14	15-19	20-24	25 AND OVER		
21-24												
CHARTER	2	4	-	-	1	-	-	-	-	-	-	7
REGULAR	10	11	-	1	-	-	-	-	-	-	1	23
DATA NOT GIVEN	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL	12	15	-	1	1	-	-	-	-	-	2	31
25-29												
CHARTER	3	10	6	3	-	3	-	-	-	-	-	25
REGULAR	5	25	11	15	2	7	-	-	-	-	-	66
TOTAL	9	35	17	18	2	10	-	-	-	-	-	91
30-34												
CHARTER	2	14	10	5	1	5	-	-	-	-	-	37
REGULAR	7	33	14	15	5	29	2	-	-	-	-	106
TOTAL	9	47	24	21	6	34	2	-	-	-	-	143
35-39												
CHARTER	-	9	4	5	4	-	5	-	-	-	-	35
REGULAR	7	17	8	5	5	33	20	2	-	-	-	98
DATA NOT GIVEN	-	-	-	-	-	-	1	-	-	-	-	2
TOTAL	8	26	12	11	9	41	26	2	-	-	-	135
40-44												
CHARTER	-	9	7	2	1	5	4	-	-	-	-	28
REGULAR	7	11	3	2	2	17	22	19	1	-	-	84
TOTAL	7	20	10	4	3	22	26	19	1	-	-	112
45-49												
CHARTER	-	5	2	2	1	7	3	3	-	-	-	23
REGULAR	-	7	3	4	1	8	15	26	16	-	1	81
TOTAL	-	12	5	6	2	15	18	29	16	-	1	104
50-54												
CHARTER	-	5	-	-	-	-	3	2	2	-	1	16
REGULAR	4	8	3	2	4	5	7	15	16	10	-	75
TOTAL	4	13	4	3	4	7	10	17	18	11	-	91
55-59												
CHARTER	1	1	2	1	-	3	-	1	1	-	-	10
REGULAR	1	1	5	-	-	1	3	5	15	33	-	64
TOTAL	2	2	7	1	-	4	3	6	16	33	-	74
60 AND OVER												
CHARTER	1	2	-	-	1	-	3	2	1	-	1	12
REGULAR	1	1	-	1	-	1	4	-	2	-	19	29
TOTAL	2	3	-	1	1	2	7	2	3	-	20	41
UNKNOWN												
CHARTER	-	-	-	-	-	-	-	-	-	-	2	2
REGULAR	-	3	1	-	-	-	-	1	-	-	2	7
DATA NOT GIVEN	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL	-	3	1	-	-	-	-	1	-	-	5	10
TOTAL												
CHARTER	10	59	32	19	9	32	18	8	4	4	-	195
REGULAR	43	117	48	47	19	102	73	68	50	66	-	633
DATA NOT GIVEN	-	-	-	-	-	1	1	-	-	2	-	4
TOTAL	53	176	80	66	28	135	92	76	54	72	-	832

- Data not available.

The Vehicle

This section contains information in the following areas relating to the vehicle:

- Statistics by mechanical defects
- Seat belt information



1980

STATISTICS BY MECHANICAL DEFECTS

MECHANICAL DEFECTS	ACCIDENTS	KILLED	INJURED	PROPERTY DAMAGE (THOUSANDS)
NOT APPLICABLE	728	73	1,642	\$4,501
SUSPENSION	1	0	15	20
BRAKES	5	1	20	21
WHEELS AND TIRES	1	0	0	2
STEERING SYSTEM	2	0	5	19
ENGINE	3	0	1	40
OTHER	6	0	12	22
DATA NOT GIVEN	1	0	16	35
TOTAL	748	74	1,711	4,660

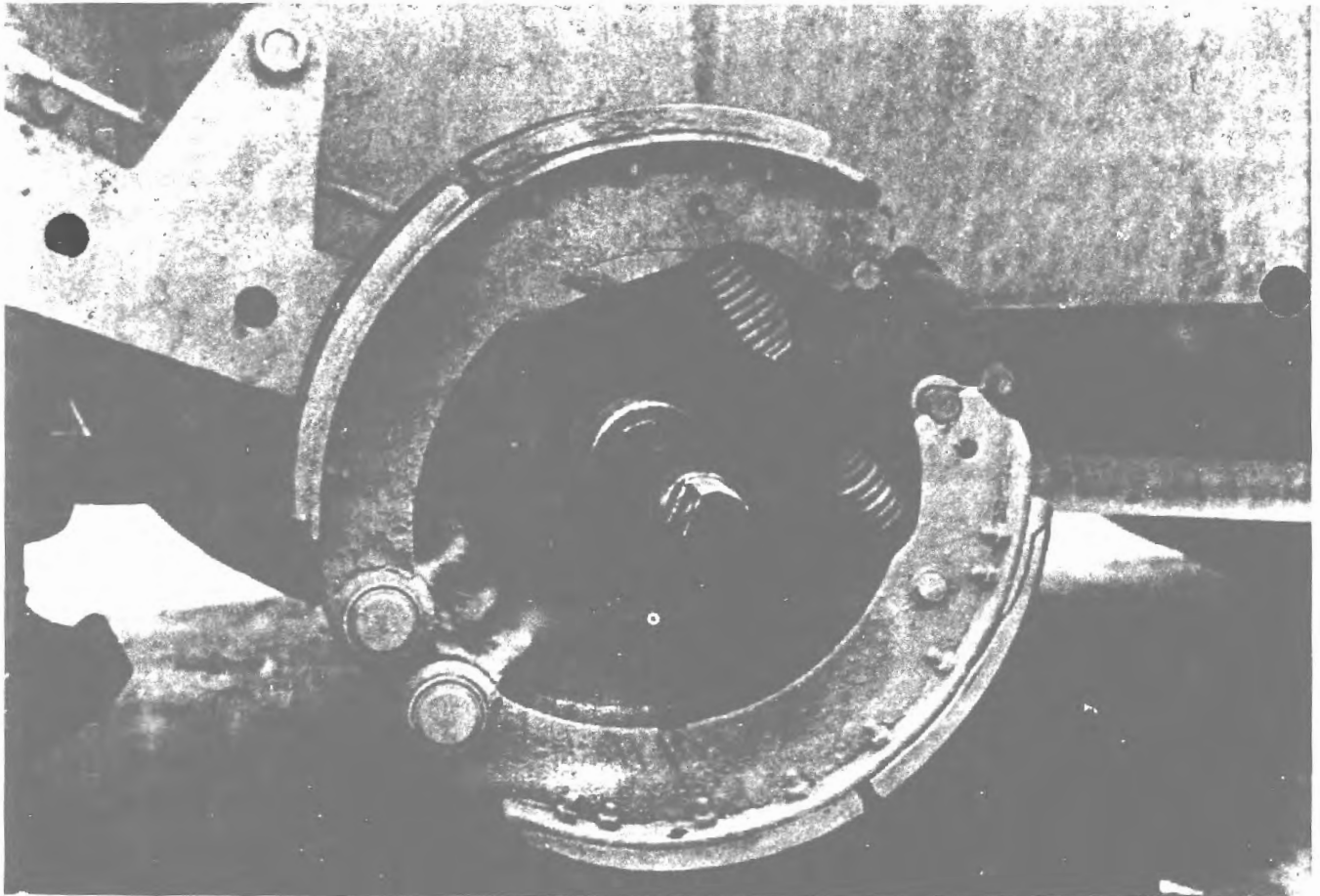
IN REPORTING CARRIER'S VEHICLE
 NOTE: PRESENCE OF MECHANICAL DEFECTS DOES NOT NECESSARILY IMPLY THAT THE DEFECTS CAUSED THE ACCIDENT

1981

STATISTICS BY MECHANICAL DEFECTS

MECHANICAL DEFECTS	ACCIDENTS	KILLED	INJURED	PROPERTY DAMAGE (THOUSANDS)
NOT APPLICABLE	817	95	1,987	\$5,118
BRAKES	7	0	28	150
LIGHTS	1	0	1	6
WHEELS AND TIRES	5	0	24	10
DRIVELINE	1	0	0	3
ENGINE	1	0	1	4
TOTAL	832	95	2,041	5,291

IN REPORTING CARRIER'S VEHICLE
 NOTE: PRESENCE OF MECHANICAL DEFECTS DOES NOT NECESSARILY IMPLY THAT THE DEFECTS CAUSED THE ACCIDENT.



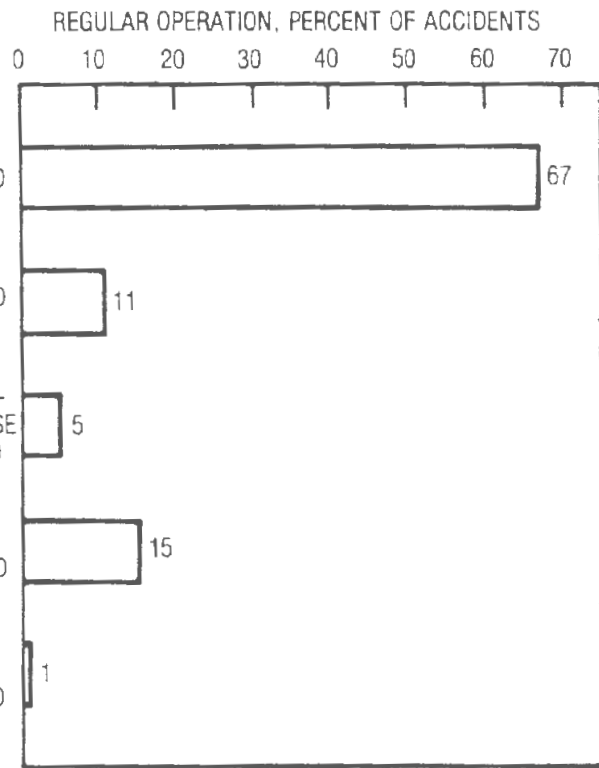
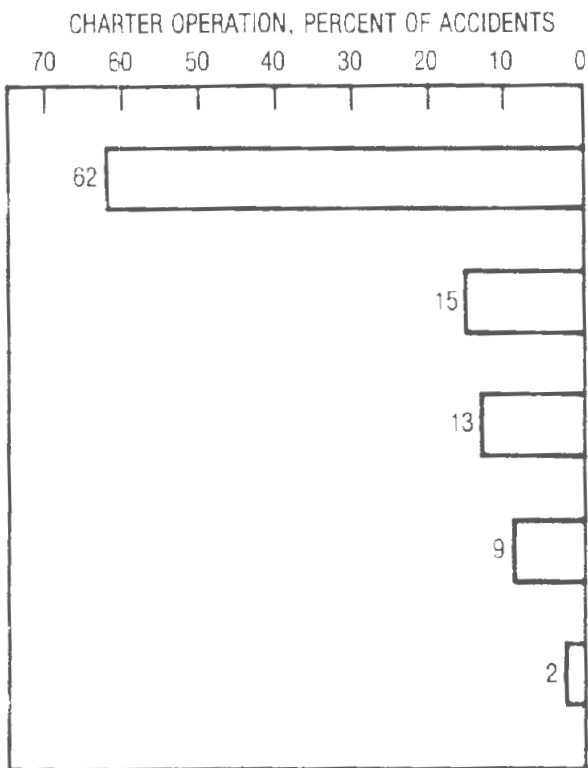
Brakes — Improperly adjusted

The above information indicates that of 35 accidents where mechanical defects were discovered on the vehicle, a total of 19 (54%) involve brakes or wheels and tires. Brake, wheel or tire defects are consistently discovered on buses in field inspections at a rate higher than any other mechanical defect, except engine deficiencies. Note: Presence of mechanical defects does not necessarily imply that the defects caused the accident.

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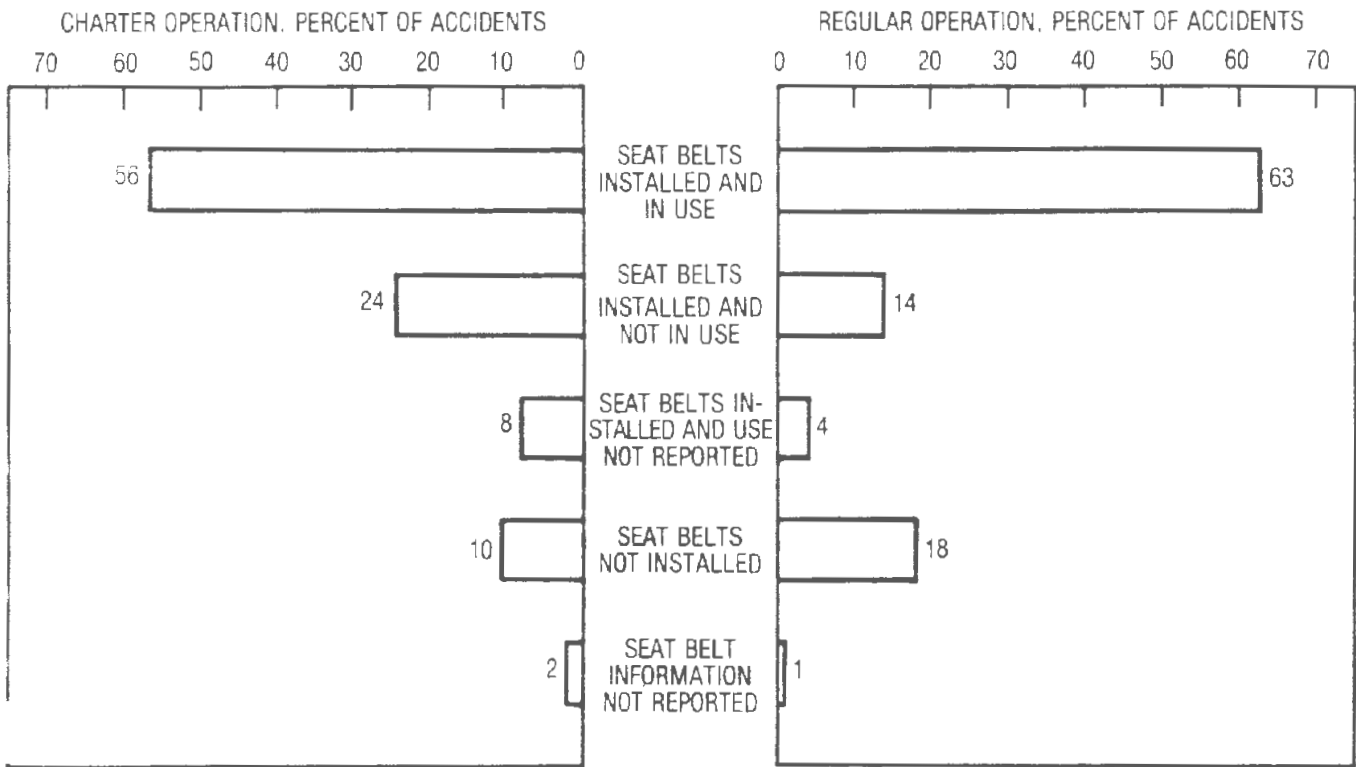
SEAT BELT USAGE BY TYPE OF OPERATION

DRIVER SEAT BELT INFORMATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE THOUSANDS
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
SEAT BELTS INSTALLED AND IN USE												
CHARTER	96	0	11	0	0	0	149	2	77	2	237	\$917
REGULAR	393	0	42	0	1	0	404	25	269	26	715	1,868
DATA NOT GIVEN	2	0	0	0	0	0	0	0	2	0	2	0
TOTAL	491	0	53	0	1	0	553	27	348	28	955	2,785
SEAT BELTS INSTALLED AND NOT IN USE												
CHARTER	23	0	6	0	0	0	55	3	9	5	70	217
REGULAR	65	0	11	0	0	0	178	11	55	13	245	485
DATA NOT GIVEN	1	0	0	0	0	0	0	0	1	0	1	4
TOTAL	89	0	17	0	0	0	233	14	65	18	316	706
SEAT BELTS INSTALLED AND USE NOT REPORTED												
CHARTER	20	0	4	0	0	19	41	2	21	21	56	196
REGULAR	31	0	1	0	0	34	34	2	15	3	50	192
TOTAL	51	0	5	0	0	75	75	4	36	24	116	388
SEAT BELTS NOT INSTALLED												
CHARTER	14	0	0	0	0	0	23	1	20	2	46	182
REGULAR	91	0	16	0	0	0	155	2	70	2	240	461
TOTAL	105	0	16	0	0	0	178	3	90	4	286	643
SEAT BELT INFORMATION NOT REPORTED												
CHARTER	3	0	0	0	0	0	4	0	6	0	10	29
REGULAR	9	0	2	0	0	0	15	0	11	0	28	105
DATA NOT GIVEN	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	12	0	2	0	0	0	19	0	17	0	38	138
SUBTOTALS												
CHARTER	156	0	24	0	0	21	272	8	133	30	429	1,542
REGULAR	588	0	71	0	2	0	786	40	420	44	1,279	3,111
DATA NOT GIVEN	4	0	0	0	0	0	0	0	3	0	3	7
TOTAL	748	0	95	0	2	22	1,058	48	556	74	1,711	4,660



SEAT BELT USAGE BY TYPE OF OPERATION

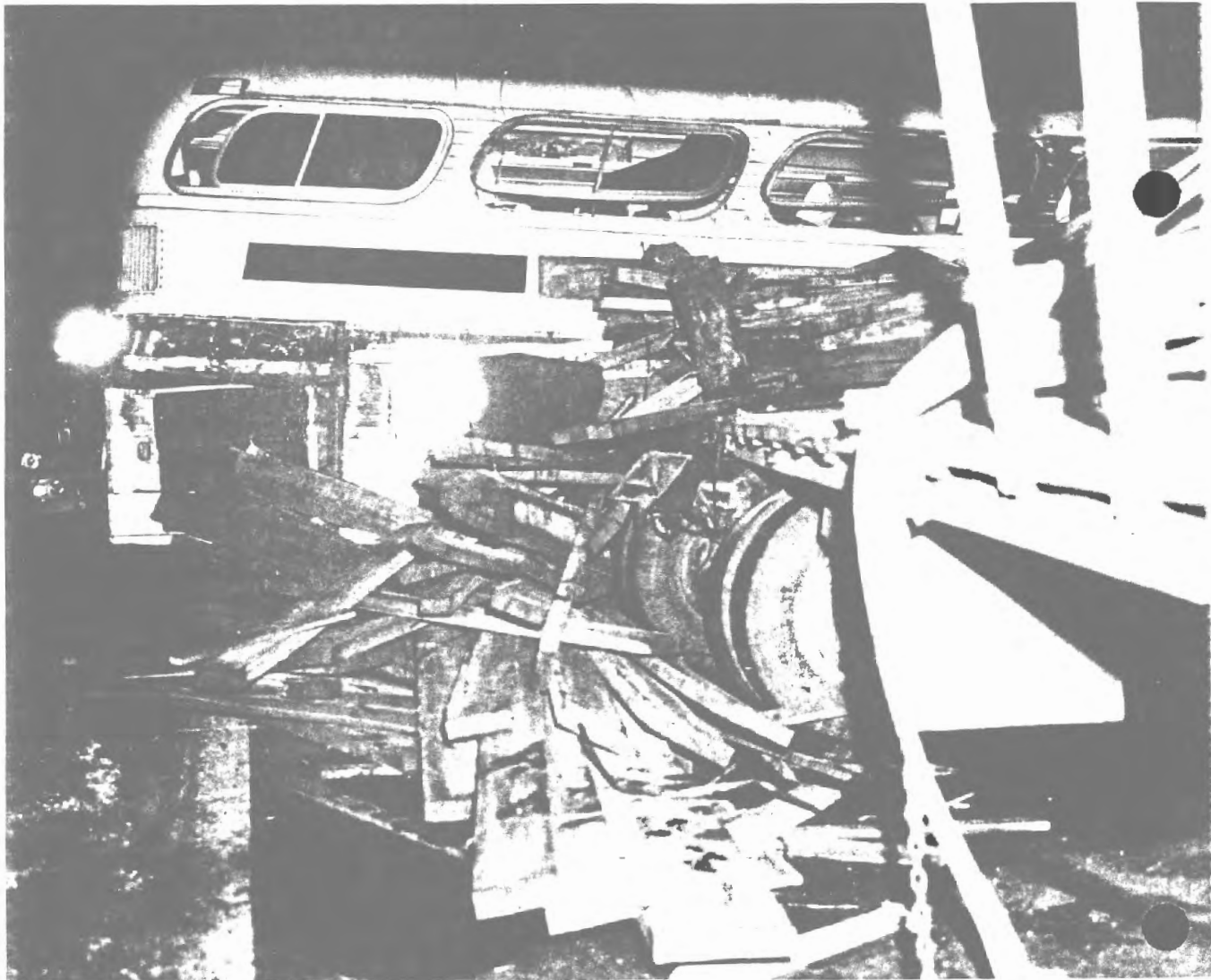
DRIVER SEAT BELT INFORMATION	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
SEAT BELTS INSTALLED AND IN USE												
CHARTER	109	1	11	0	1	0	118	3	72	4	202	\$819
REGULAR	399	0	41	0	1	2	480	35	283	37	805	2,265
DATA NOT GIVEN	1	0	1	0	0	0	0	1	0	1	1	34
TOTAL	509	1	53	0	2	2	598	39	355	42	1,008	3,118
SEAT BELTS INSTALLED AND NOT IN USE												
CHARTER	48	0	5	0	1	0	109	3	62	3	177	289
REGULAR	85	0	15	0	4	0	122	28	125	28	266	553
TOTAL	133	0	20	0	5	0	231	31	187	31	443	842
SEAT BELTS INSTALLED AND USE NOT REPORTED												
CHARTER	15	0	3	0	0	0	12	2	14	2	29	160
REGULAR	27	0	2	0	0	0	31	5	24	5	57	514
DATA NOT GIVEN	2	0	0	0	0	0	0	1	3	1	3	7
TOTAL	44	0	5	0	0	0	43	8	41	8	89	681
SEAT BELTS NOT INSTALLED												
CHARTER	19	0	5	0	1	0	69	3	25	3	100	188
REGULAR	114	1	19	0	4	0	228	8	105	9	356	378
DATA NOT GIVEN	1	0	0	0	0	0	0	0	0	0	0	5
TOTAL	134	1	24	0	5	0	297	11	130	12	456	571
SEAT BELT INFORMATION NOT REPORTED												
CHARTER	4	0	0	0	0	0	30	1	1	1	31	23
REGULAR	8	0	1	0	0	0	11	1	2	1	14	57
TOTAL	12	0	1	0	0	0	41	2	3	2	45	80
SUBTOTALS												
CHARTER	195	1	24	0	3	0	338	12	174	13	539	1,478
REGULAR	633	1	78	0	9	2	872	77	539	80	1,498	3,767
DATA NOT GIVEN	4	0	1	0	0	0	0	2	3	2	4	45
TOTAL	832	2	103	0	12	2	1,210	91	716	95	2,041	5,290



The Accident

This section contains information in the following areas relating to the accident:

- Vehicle movement
- Collision object
- Collision statistics by hours driving
- Collision/Noncollision involving fire



1980

ACCIDENTS BY MOVEMENT OF REPORTING VEHICLE

ACCIDENT CLASSIFICATION VEHICLE 1	ACCIDENTS	KILLED	INJURED	PROPERTY DAMAGE (THOUSANDS)
SLOWING-STOPPING	56	3	174	\$330
STOPPED	58	0	94	264
PARKED	15	0	12	84
REAR-END	72	2	180	522
BACKING	1	0	2	0
MAKING RIGHT TURN	15	1	18	39
MAKING LEFT TURN	19	0	14	63
MAKING U-TURN	2	0	14	18
PROCEEDING STRAIGHT	296	60	595	1,759
MERGING	2	0	4	2
ENTERING TRAFFIC	2	0	2	4
INTERSECTION	86	3	145	402
PASSING	21	1	28	132
CHANGING LANES	6	0	21	22
SIDESWIPE	4	0	3	51
SKIDDING	17	1	77	159
VEHICLE OUT OF CONTROL	18	0	47	158
ROLL-AWAY	3	0	0	17
CONTROLLED RAILROAD CROSSING	2	0	1	5
OTHER	2	0	0	7
NOT APPLICABLE	51	3	280	621
TOTAL	748	74	1,711	4,659

1981

ACCIDENTS BY MOVEMENT OF REPORTING VEHICLE

ACCIDENT CLASSIFICATION VEHICLE 1	ACCIDENTS	KILLED	INJURED	PROPERTY DAMAGE (THOUSANDS)
SLOWING-STOPPING	64	4	133	\$466
STOPPED	67	2	223	324
PARKED	13	0	82	101
REAR-END	60	3	186	469
BACKING	4	0	0	23
MAKING RIGHT TURN	24	2	43	78
MAKING LEFT TURN	26	1	21	52
PROCEEDING STRAIGHT	309	57	733	2,318
ENTERING TRAFFIC	3	1	3	2
INTERSECTION	59	3	171	498
PASSING	22	0	71	117
CHANGING LANES	5	0	8	9
SIDESWIPE	4	2	4	28
HEAD-ON	1	0	4	0
SKIDDING	14	1	26	81
VEHICLE OUT OF CONTROL	6	1	11	35
ROLL-AWAY	3	0	1	9
OTHER	7	0	10	44
DATA NOT GIVEN	1	0	1	0
NOT APPLICABLE	140	18	310	637
TOTAL	832	95	2,041	5,291

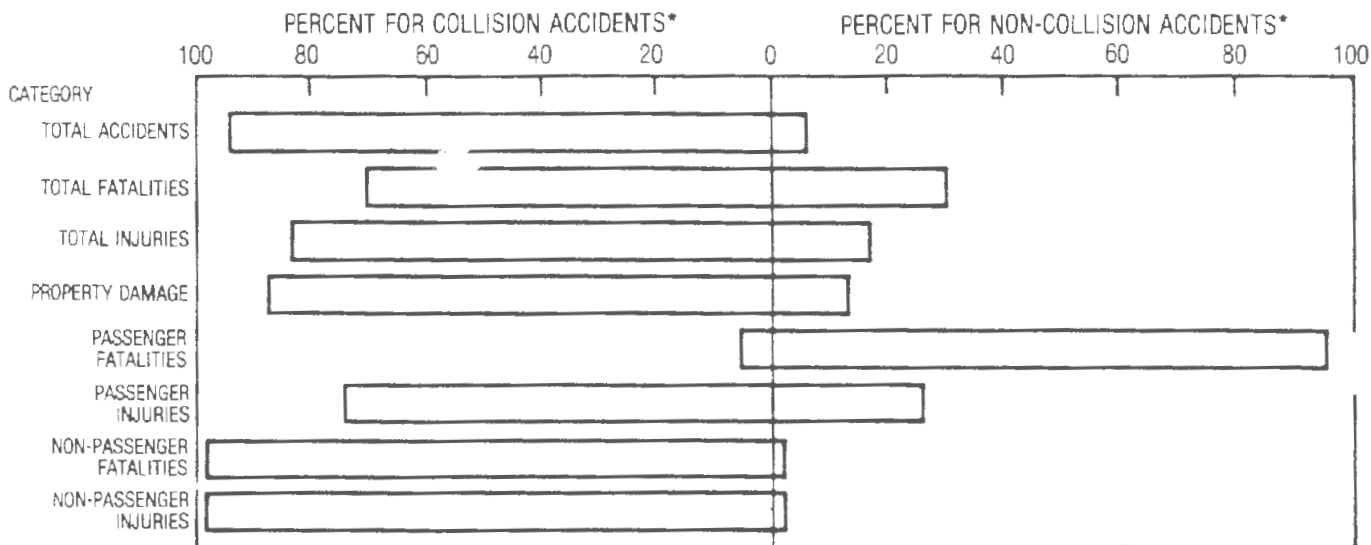


Bus struck rear of car then ran off roadway. 29 Injuries; \$35,000 P.D.*

* Property damage.

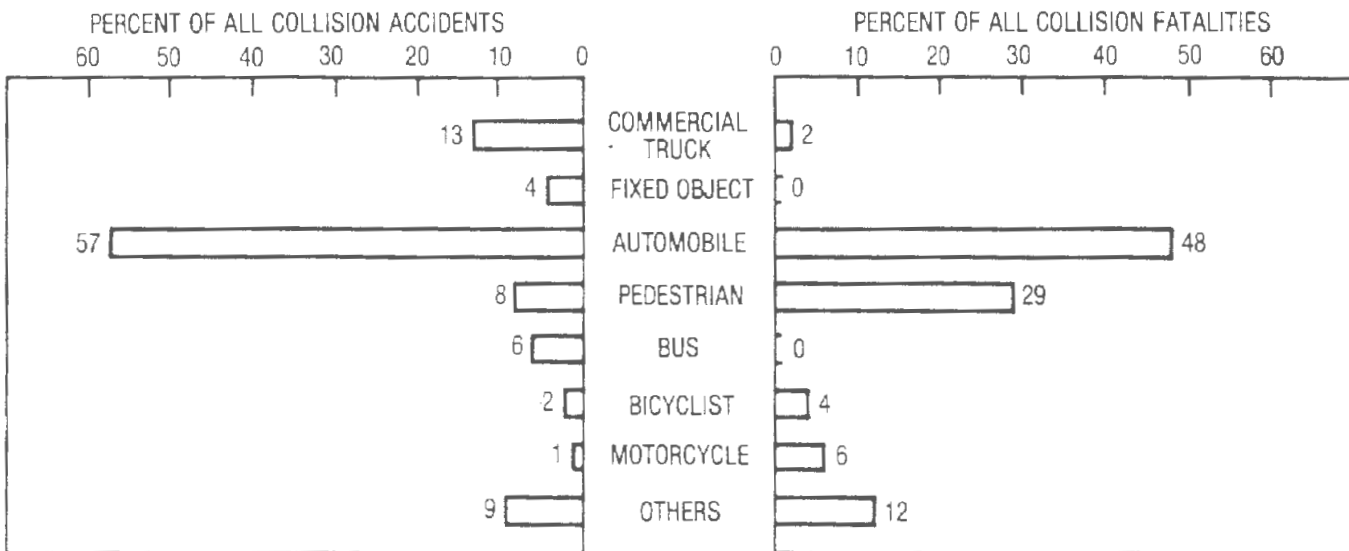
ACCIDENTS BY COLLISION OBJECT

OBJECT	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
COMMERCIAL TRUCK	93	1	24	0	0	0	233	0	28	1	285	\$939
FIXED OBJECT	31	0	9	3	0	0	50	0	3	0	59	337
AUTOMOBILE	403	1	39	0	2	0	387	24	396	25	824	2,043
PEDESTRIAN	55	0	3	0	0	0	2	15	41	15	43	11
BUS	39	0	4	0	0	0	68	0	32	0	104	265
BICYCLIST	11	0	0	0	0	0	0	2	9	2	9	3
ANIMAL	8	0	0	0	3	0	1	3	0	0	1	30
MOTORCYCLE	6	0	0	0	0	0	0	3	4	3	4	5
OTHER	56	1	6	0	0	1	47	4	44	5	97	412
TOTAL	702	3	82	0	2	1	788	48	554	52	1,476	4,045



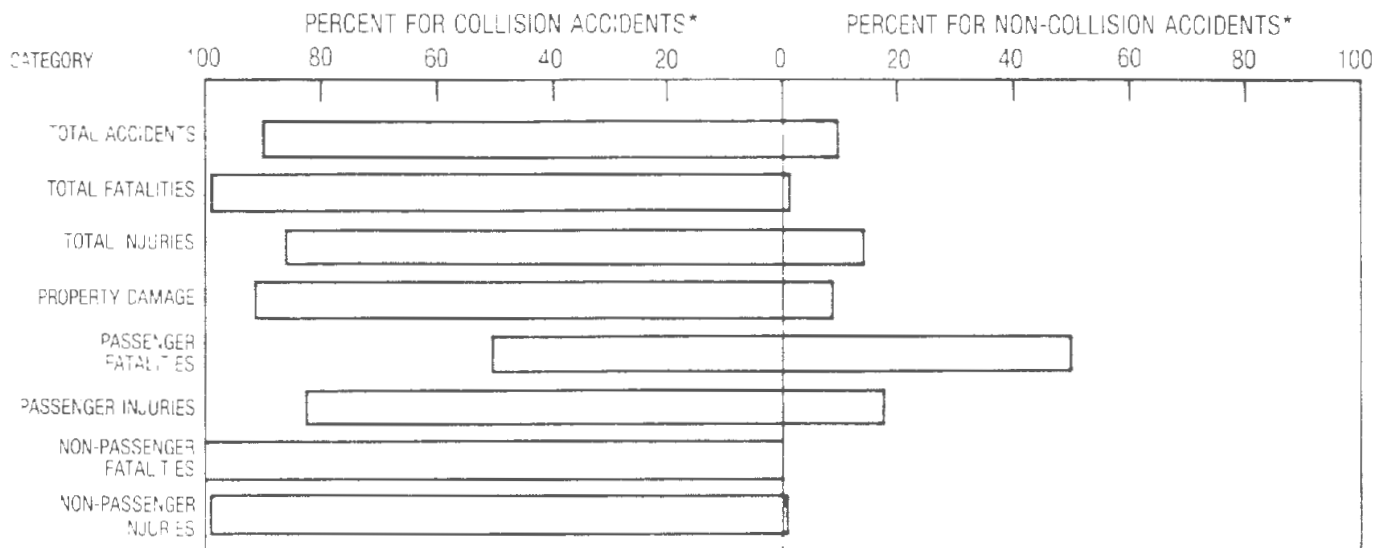
* STATED AS A PERCENT OF GRAND TOTAL FOR EACH CATEGORY.

NOTE: NON-PASSENGERS ARE THE REPORTING CARRIER'S DRIVER, OTHER CARRIER PERSONNEL, OCCUPANTS OF OTHER VEHICLES AND PEDESTRIANS.



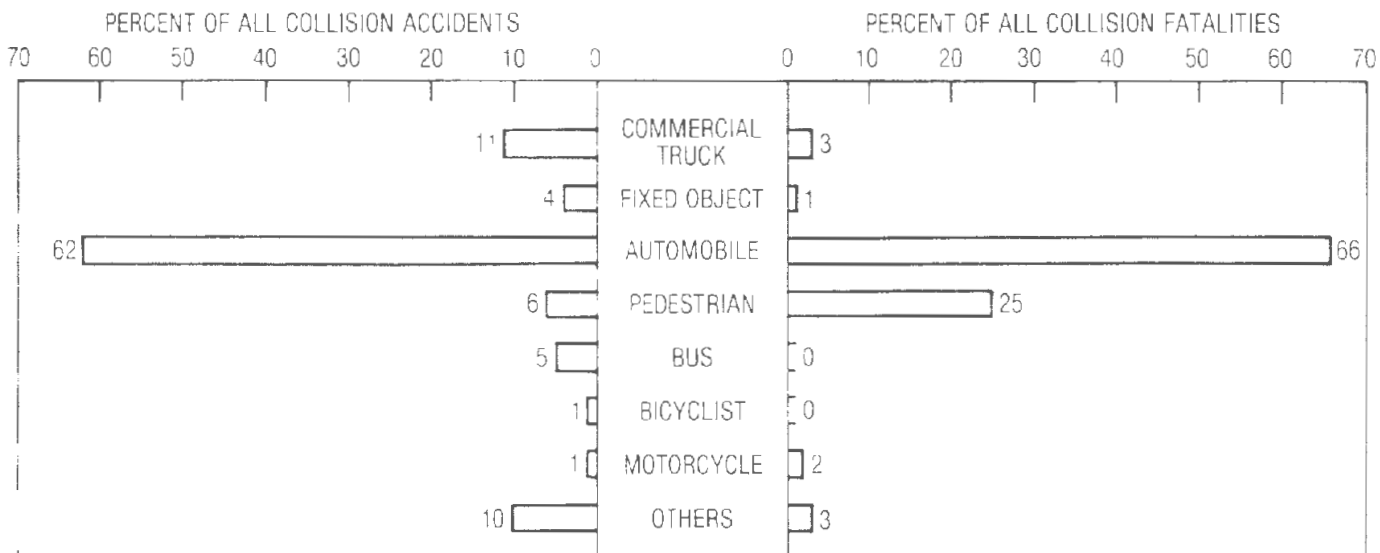
ACCIDENTS BY COLLISION OBJECT

OBJECT	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
COMMERCIAL TRUCK	83	0	24	0	0	1	286	2	36	3	346	\$1,046
FIXED OBJECT	29	1	3	0	0	0	35	0	23	1	51	214
AUTOMOBILE	464	1	46	0	8	0	398	51	386	62	838	2,638
PEDESTRIAN	46	0	1	0	0	0	3	23	25	23	29	7
BUS	40	0	7	0	0	0	125	0	147	0	279	423
TRAIN	1	0	1	0	0	0	0	0	0	0	0	50
BICYCLIST	5	0	0	0	0	0	1	0	0	0	6	1
ANIMAL	4	0	1	0	0	0	5	0	0	0	5	36
MOTORCYCLE	9	0	0	0	0	0	0	0	0	2	8	10
OTHER	66	0	11	0	3	0	135	0	85	3	234	389
TOTAL	747	2	94	0	11	1	988	71	715	94	1,808	4,824



*STATED AS A PERCENT OF GRAND TOTAL FOR EACH CATEGORY

NOTE: NON-PASSENGERS ARE THE REPORTING CARRIER'S DRIVER, OTHER CARRIER PERSONNEL, OCCUPANTS OF OTHER VEHICLES AND PEDESTRIANS



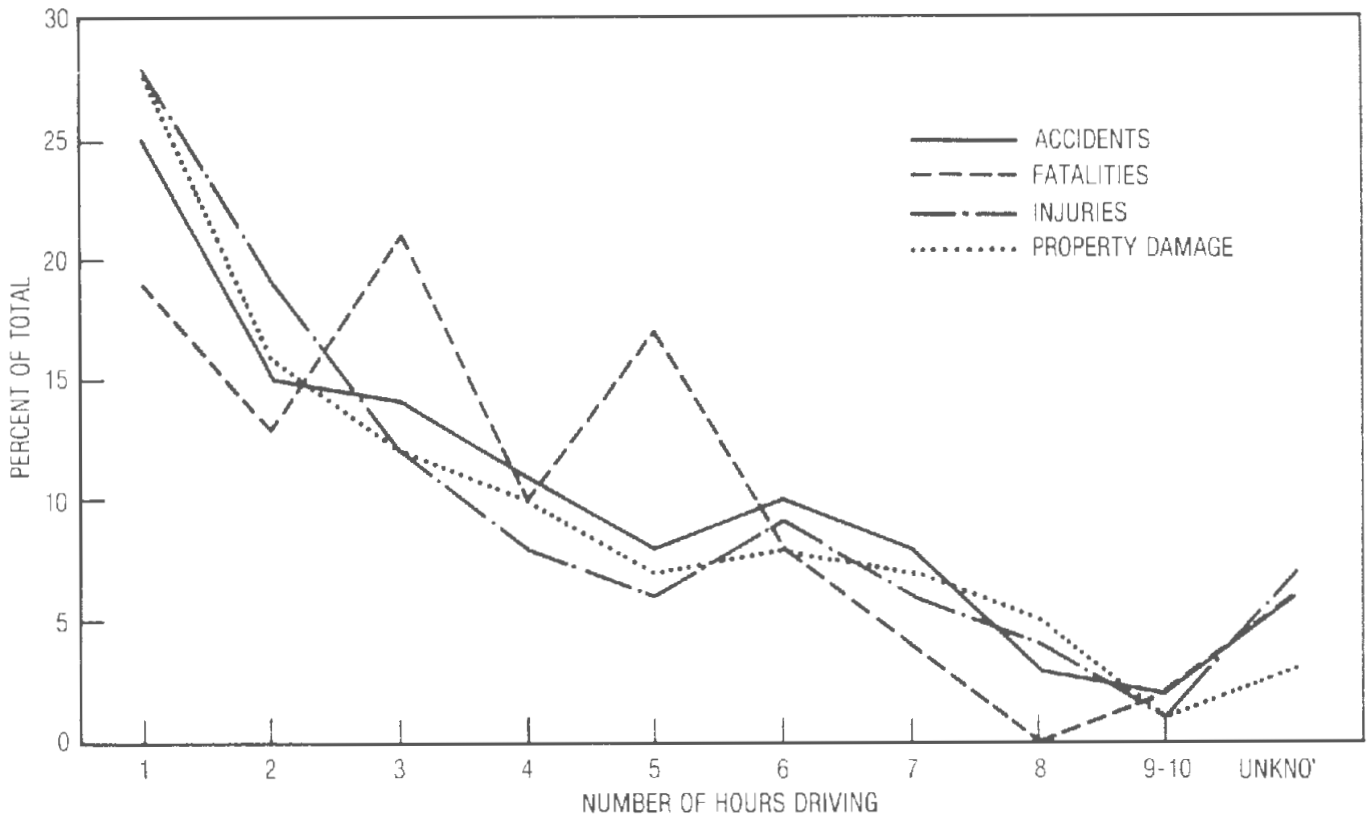
1980

COLLISION ACCIDENT STATISTICS BY HOURS OF DRIVING

DRIVING HOURS SINCE REST	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
1 HOUR	175	0	126	0	0	0	0	10	136	10	421	\$1,124
2 HOURS	194	0	126	0	0	0	0	0	0	0	0	0
3 HOURS	131	0	126	0	0	0	0	0	0	0	0	0
4 HOURS	76	0	126	0	0	0	0	0	0	0	0	0
5 HOURS	53	0	126	0	0	0	0	0	0	0	0	0
6 HOURS	57	0	126	0	0	0	0	0	0	0	0	0
7 HOURS	55	0	126	0	0	0	0	0	0	0	0	0
8 HOURS	23	0	126	0	0	0	0	0	0	0	0	0
9 HOURS	11	0	126	0	0	0	0	0	0	0	0	0
10 HOURS	11	0	126	0	0	0	0	0	0	0	0	0
DATA NOT GIVEN	10	0	126	0	0	0	0	0	0	0	0	0
TOTAL	1002	0	126	0	0	0	0	42	136	10	1426	1,124

REPORTING CARRIER'S DRIVER

COLLISION ACCIDENTS BY HOURS DRIVING

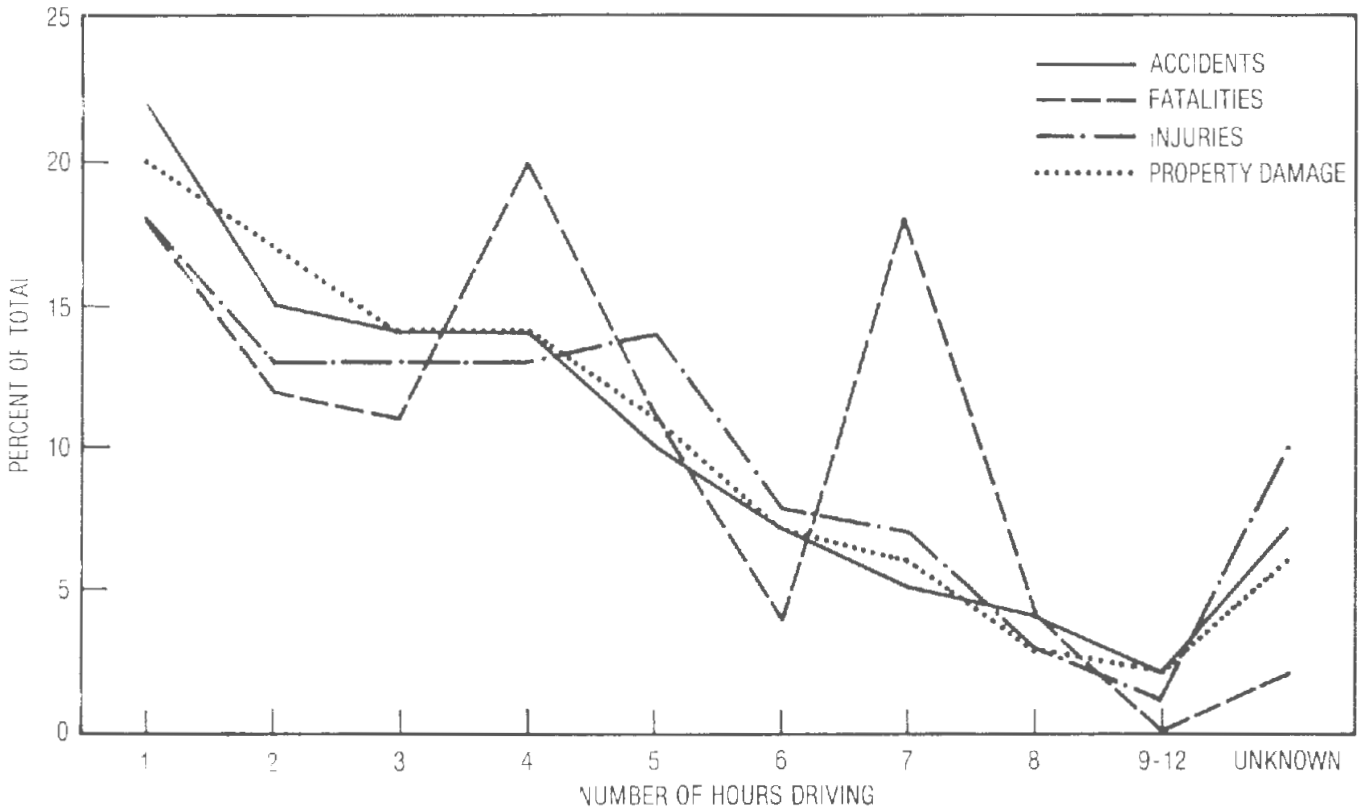


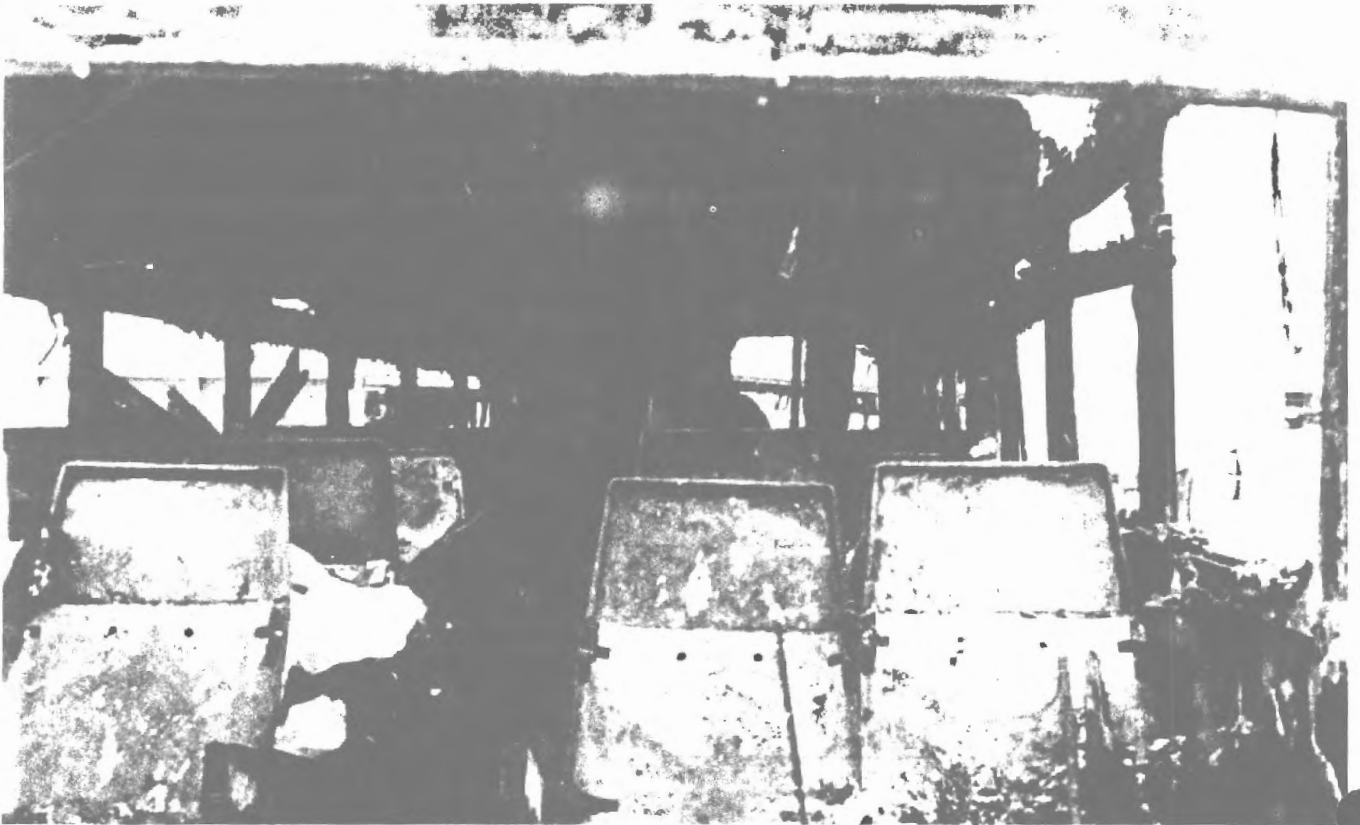
COLLISION ACCIDENT STATISTICS BY HOURS OF DRIVING

DRIVING HOURS SINCE REST	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
1 HOUR	165	1	20	1	4	1	156	16	141	17	321	3561
2 HOURS	111	0	15	1	3	0	153	10	72	11	240	334
3 HOURS	135	0	12	0	0	0	110	10	108	10	233	685
4 HOURS	105	1	8	2	2	0	144	18	78	19	233	630
5 HOURS	71	0	12	0	0	0	147	10	98	10	257	636
6 HOURS	50	0	0	0	0	0	110	4	23	4	144	345
7 HOURS	40	0	4	0	0	0	111	17	48	17	233	286
8 HOURS	31	0	0	0	0	0	111	4	21	4	45	131
9 HOURS	12	0	0	0	0	0	111	3	8	0	18	98
10 HOURS	1	0	0	0	0	0	111	0	0	0	0	0
11 TO 12 HOURS	2	0	0	0	0	0	111	1	1	0	6	13
DATA NOT GIVEN	54	0	0	0	0	0	54	2	115	2	188	295
TOTAL	747	2	94	1	11	1	588	91	715	94	1,608	4,824

REPORTING CARRIER'S DRIVER

COLLISION ACCIDENTS BY HOURS DRIVING





Bus Struck Rear of Car — Chain-Type Collision — Fire Ensued. 3 Fatalities, 3 Injuries; \$118,000 P.D.*

*Property damage.

1980

COLLISION/NON-COLLISION ACCIDENTS INVOLVING FIRE

	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
NON-COLLISION	3	0	0	0	0	0	0	0	0	0	0	\$43
COLLISION	2	0	0	0	0	0	0	2	0	2	0	41
TOTAL	5	0	0	0	0	0	0	2	0	2	0	84

1981

COLLISION/NON-COLLISION ACCIDENTS INVOLVING FIRE

	ACCIDENTS	OCCUPANTS OF REPORTING CARRIER'S VEHICLE						OTHERS		TOTAL		PROPERTY DAMAGE (THOUSANDS)
		DRIVERS		OTHER PERSONNEL		PASSENGERS		KILLED	INJURED	KILLED	INJURED	
		KILLED	INJURED	KILLED	INJURED	KILLED	INJURED					
NON-COLLISION	8	0	1	0	0	1	1	0	0	1	2	\$174
COLLISION	3	0	0	0	0	0	3	3	2	3	5	267
TOTAL	11	0	1	0	0	1	4	3	2	4	7	441

	All Accidents		Accidents Involving Fire	
	Number	Rate	Number	Rate
1980				
Accidents	748	—	5	—
Fatalities	74	9.9*	2	40.0
Injuries	1,711	2.3**	0	—
Property Damage	\$4,659,000	\$6,229**	\$84,000	16,800**
1981				
Accidents	832	—	11	—
Fatalities	95	11.4*	4	36.4*
Injuries	2,041	2.5**	7	6**
Property Damage	\$5,291,000	\$6,359**	\$441,000	\$40,091

* Per 100 accidents.

** Per accident.

The tables above compare all reported bus accidents with those accidents involving fire, for calendar years 1980 and 1981.

U.S. Department
of Transportation

**Federal Highway
Administration**

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