

2001 ALASKA TRAFFIC ACCIDENTS

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SUMMARY

Traffic accidents injured or killed 6632 Alaskans during 2001 and caused \$55.9 million damage to vehicles plus \$3.3 million damage to highway structures and other non-vehicular property. Based on traffic volumes, Alaska's traffic fatality rate was 1.87 fatalities per 100 million vehicle miles traveled.

There were 15,273 traffic accidents on Alaskan roadways during 2001, 1146 more than were reported in 2000 (an increase of 8%). Fatalities were reported in eighty accidents (0.52% of all accidents). Nonfatal injuries were reported in 4,523 accidents (30.1%). The remaining 10,670 accidents (69.9%) caused only damage to vehicles or other property.

There were 43,621 persons involved in Alaska traffic accidents during 2001 (3952 more people than in 2000). Eighty-nine persons (0.020% of all involved persons) died as the result of injuries they sustained in traffic accidents. Sixty-nine were occupants of automobiles, trucks, or buses. Seven were motorcyclists. One bicyclist and seven pedestrians were struck by motor vehicles and killed. Six snowmobile riders were also killed in roadway accidents. There were no traffic fatalities among all terrain vehicle (ATV) riders during 2001. Three traffic fatalities were attributed to motor vehicle collisions with live moose and one fatality occurred when a vehicle struck a moose carcass in the roadway. Thirty-nine people might have survived had they been wearing seatbelts or using other safety equipment. Forty-two people died in accidents that were classed as alcohol or drug related.

There were 1146 alcohol-related accidents (7.5% of the 15273 accidents reported during 2001). Thirty-six of those alcohol related accidents resulted in fatalities (45% of fatal crashes involved alcohol use). Forty-two people died in traffic accidents in which at least one driver or involved nonmotorist was reported to be alcohol impaired. Alcohol-related traffic fatalities included thirty occupants of standard road vehicles (automobiles, trucks, or buses), five pedestrians, two snowmobile riders, and five motorcyclists. No bicyclists (pedalcylists) were killed in alcohol related accidents during 2001.

Over eleven hundred (1107) drivers of automobiles, trucks, or buses were suspected or proven to be alcohol impaired by police. Eighteen of those impaired drivers sustained fatal injuries. Six passengers in automobiles, truck, or bus vehicles driven by impaired drivers were killed. Six fatalities occurred in automobiles, trucks, or buses that collided with vehicles operated by impaired drivers. Other alcohol impaired traffic fatalities included three of the five pedestrians involved in alcohol-related crashes, five motorcycle riders, and two snowmobile operators that died in traffic accidents. Two pedestrians, that had not used alcohol, were struck and killed by impaired drivers.

The alcohol related fatality rate (number of persons killed in alcohol related crashes as a percent of total accident fatalities) was 47.2%.

Over 97% of the 25,993 vehicles involved in all Alaska traffic accidents during 2001 were automobiles, trucks, or buses; almost 93% of all involved vehicles were passenger cars or pick-ups. About 14% of occupants in these standard road vehicles were injured or killed. Motorcycles and recreational vehicles, such as ATVs and snowmobiles, comprised only 0.8% of vehicles. Over 78% of motorcyclists and about 56% of recreational vehicle riders were injured or killed when their vehicles were involved in traffic accidents.

Numbers of accidents increased in five of Alaska's eight populous boroughs during 2001 (Matanuska-Susitna Borough 21.9%, Municipality of Anchorage 10.7%, Ketchikan Borough 25%, City and Borough of Juneau 19.9%, and the Sitka Borough 1.2%). The percentage that involved injuries or fatalities increased slightly (2.8%) in the Fairbanks Northstar Borough, was unchanged in Anchorage, and declined in the remaining six boroughs. Sparsely populated boroughs/areas reported fewer traffic accidents (7.8% less than in 2000) and accident severity also decreased (by 2.9%).

Sixty percent of all crashes statewide and thirty-one percent of all fatal crashes occurred within the boundaries of the Municipality of Anchorage. Twenty-two percent (21.8%) of all traffic accidents and 57.5% of all fatal crashes occurred outside boundaries of the 21 most populous Alaska cities. Twenty-seven percent (27.4%) of all accidents and 61.3% of fatal crashes occurred in rural areas, based on population density. Based on police reported land usage, minor and property damage only accidents were most frequent in commercial areas, while major injury and fatality accidents were more likely to occur in undeveloped areas. Thirty-five persons died in traffic accidents on six highways of the National Highway System in Alaska (Sterling Hwy, 4; Seward Hwy, 7; Glenn Hwy, 6; Parks Hwy, 12; Tok Cutoff, 0; Alaska Hwy, 1; and Richardson Hwy, 5 fatalities).

There were 785 vehicle collisions with moose in 2001 (125 more than were reported in 2000). Nineteen percent resulted in minor or major injuries to occupants of motor vehicles and three persons were killed. Another person died when their vehicle struck a moose carcass left on the roadway from a previous accident. Ninety-two percent of moose collisions occurred in the Municipality of Anchorage (24.2%), Matanuska-Susitna Borough (22.7%), Kenai Peninsula Borough (26.4%), or Fairbanks-Northstar Borough (18.8%). About 25% of moose collisions statewide occurred in urbanized (populous) areas and 71% occurred in rural locations. There were 298 moose collision accidents reported on major NHS highways (Sterling Hwy, 85; Seward Hwy, 32; Glenn Hwy, 67; Parks Hwy, 68; Richardson Hwy, 36; Alaska Hwy, 8; and Tok Cutoff, 2). Collisions with moose were most frequent in November and December. Motorists were least likely to encounter moose on Alaska roadways in April and May.

Unsafe speed, driver inattention, and failure to yield (in that order) were the most frequently cited contributing factors for all crashes during 2001. The top ranked human factors contributing to fatal accidents were alcohol/drug use, unsafe speed, and driver inattention. Only 8% of human factors reported in all Alaska traffic accidents indicated alcohol use; unsafe speed was coded 23% of the time. In fatal traffic accidents, 32% of contributing factors indicated alcohol use, and police recorded unsafe speed 26% of the time.

There are 13,025 police reports and 2,248 participant reports included in the 2001 analysis (85% and 15%). Over 19,100 accident reports were received from Driver Services. Accident records not selected for inclusion in the Highway Analysis System included duplicate filings, accidents occurring on private property or off-roadway, and accidents otherwise not meeting criteria as discussed in the Traffic Accident Terminology section of this publication.

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Preface

Alaska motor vehicle accident records are stored in the Highway Analysis System (HAS), a database maintained on the State of Alaska Computer Network at the Juneau Data Center. The State of Alaska and the Federal Highway Administration of the U.S. Department of Transportation provide funding for this publication and for the continuing development of the Highway Analysis System, which integrates accident data with road network and other information.

Accident data specific to a particular accident is confidential according to Alaska Statute 28.15.151(f). An Attorney General's opinion of 1988 provides for the public reporting of aggregate accident data such as contained in this publication.

Motor vehicle accident information is first recorded on accident report forms by local police officers or the Alaska State Troopers, using the State of Alaska Uniform Report on Traffic Collisions Form #12-208 (to be replaced by Form #12-200 in 2002). When there is no police investigation, accident participants assume the responsibility for crash reporting, using the Report of Motor Vehicle Accidents Form #12-209. Police agencies provide copies of Form #12-208 to Department of Administration, Division of Motor Vehicles (Driver Services). Participants submit report Form #12-209 directly to Driver Services. The Division of Motor Vehicles assigns a security responsibility tracking number to the reports it receives, then forwards copies of all accident reports to the Division of Statewide Planning, Headquarters, Alaska Department of Transportation and Public Facilities (ADOT&PF). The HAS database includes only accident reports received by ADOT&PF from the Division of Motor Vehicles.

At ADOT&PF, accident information is carefully checked for code consistency and a milepoint location is determined for routes in the HAS linear reference system. The coded crash record is then loaded to the HAS database for permanent storage and analysis. Accidents data reporting staff, members of the Highway Database Management Section of the Division of Statewide Planning, determine which accidents meet program criteria and ensure that accident records submitted to the Highway Analysis System are complete and accurate.

As soon as the accident information is stored in the Highway Analysis System database, it is available for analysis by ADOT&PF traffic engineers and statistical staff, as well as other qualified users of the State data network. Most accident records for the calendar year are stored in the database by June of the following year. Yearly summaries, including the statistical tables in this publication, are prepared at that time¹.

¹ Previous traffic accident reports, published by Headquarters, Alaska Department of Transportation and Public Facilities, are:

Accident Statistics 1978 - 1982, DOT&PF Traffic and Safety Section, Juneau, (1983); **1983 Alaska Annual Accident Rate Report**, (1984); **1984 Alaska Traffic Accidents**, (1985); **1985 Alaska Traffic Accidents**, (1986); **1986 Alaska Traffic Accidents**, (1987); **1987 Alaska Traffic Accidents**, (1988); **1988 Alaska Traffic Accidents**, (1989); **1989 Alaska Traffic Accidents**, (1990); **1990 Alaska**

Traffic Accident Terminology

Traffic Accident Definitions: A traffic accident is a motor vehicle accident that occurs on a trafficway. Motor vehicle accidents in parking lots or on other private property, or accidents where the only vehicle(s) involved are not customarily used for transport on roads, e.g., forklifts or airline baggage carts, are not considered traffic accidents. Also excluded are motor vehicle accidents directly resulting from a natural disaster and accidents caused by an explosion or discharge of a firearm. To maintain consistency with the Fatal Accident Reporting System (FARS) definition, fatalities directly attributed to pre-existing medical conditions are not considered traffic fatalities. These types of accidents have been omitted from this publication.

A glossary with additional definitions is provided following the Appendix Tables of this publication.

Reporting: Alaska State law (AS 28.35.080) requires the reporting of any motor vehicle accident that results in the death or injury of one or more persons or that causes total property damage of \$2,000 or more. Drivers involved in such accidents are required to report crash information to a police agency and submit Form #12-209 to the Department of Administration if police do not investigate. Whenever police investigate a motor vehicle accident, they are required to forward Form #12-208 to the Department of Administration, Division of Motor Vehicles. Drivers are not required to submit a report to the Division of Motor Vehicles if a police agency has investigated and assumed responsibility for reporting.

Some legally reportable Alaska motor vehicle accidents escape investigation by local police officers or State Troopers and may also go unreported by drivers. Alaska State Troopers may not perform a formal crash investigation if there are no apparent injuries, the crash does not involve collision with wildlife, and all vehicles can be driven away from the accident scene. Local police departments have their own policies for investigating collisions, with some departments having a floor of \$5,000 or more before they will do an on scene investigation.

Alaska State law also requires that drivers or vehicle owners provide proof of motor vehicle liability insurance to the Department of Administration, Division of Motor Vehicles if they are involved in a motor vehicle accident on public property that involves injury, death, or total property damage exceeding \$501 (AS28.22.021). Because of this, many drivers voluntarily file Form #12-209 for accidents with less than \$2000 damage.

Damage valuations are not considered when ADOT&PF accident staff screen reports for inclusion in the HAS database.

Traffic Accidents, (1991); 1991 Alaska Traffic Accidents, (1992); 1992 Alaska Traffic Accidents, (1993); 1993 Alaska Traffic Accidents, (1994); 1994 Alaska Traffic Accidents, (1995); 1995 Alaska Traffic Accidents, (1996); 1996 Alaska Traffic Accidents, (1997); 1997 Alaska Traffic Accidents, (1998); 1998 Alaska Traffic Accidents, (1999); 1999 Alaska Traffic Accidents, (2000); and 2000 Alaska Traffic Accidents (2002).

Accident Severity: Traffic accidents are categorized in this publication based on the most serious injury to motor vehicle occupants and any nonmotorists that are involved (pedestrians and bicyclists struck by motor vehicles). Accidents that involve no injuries or deaths are designated *property-damage-only* (PDO). An *injury accident* has caused one or more injuries, but no deaths. A *fatal accident* has resulted in at least one death within thirty days of the crash. Accidents involving injuries are further subdivided into *major* and *minor* injury accidents. A major injury accident is one in which the most serious injury is incapacitating (amputation, concussion, internal injury, severe bleeding, moderate or severe burns, and fracture or dislocation). The most serious injury in a minor injury accident is not incapacitating (pain, minor bleeding, a minor burn, a bruise, a contusion, or an abrasion).

Injury Severity: While *accident severity* reflects the most serious injury within an accident and counts crash incidents, *occupant injury severity* is evaluated for each person involved and counts persons. Minor, major, and fatal injury designations are based on the same criteria used for assigning accident severity. Occupant injury severity counts the number of persons receiving fatal, major, or minor injuries. Counts of persons not injured in crashes are accumulated under the *no injuries* category rather than a PDO designation.

Vehicle injury severity, based on the most serious injury within a vehicle, is also calculated for some statistical tables in this publication's Appendix. Numbers of vehicles in which no occupants received injuries are accumulated under a *no injuries* category. Numbers of vehicles in which fatalities occurred accumulate under the fatality category, while those in which the most serious injury was major or minor accumulate under the major injury or minor injury categories, respectively.

In the Appendix tables, "injury severity" usually refers to occupant injury severity. When vehicle injury severity is used rather than occupant injury severity in an Appendix table, footnotes are included. For example, Appendix Table A.1.1 shows that there were 80 fatal traffic accidents in Alaska during 2001 (accident severity) while Table 7.1 shows that 89 persons received fatal injuries (occupant injury severity). Table C.2.1 indicates that 138 vehicles were involved in fatal accidents (accident severity), not that fatalities occurred in 138 vehicles. Table F.1.1 shows that fatalities occurred on 7 motorcycles (vehicle injury severity), while Table F.3.3 shows that 7 motorcyclists died (occupant injury severity). Footnotes indicate which tables use vehicle injury severity.

Classification of Vehicles: In the HAS database structure, pedestrians and nonmotorized vehicles such as bicycles are stored as vehicle records. Appendix tables labeled "all vehicles" include nonmotorized as well as motorized transport vehicle data in their analysis (that is, pedestrians and bicycles are included in the vehicle count). Motor vehicles traditionally used on public roadways as transport vehicles, excluding motorcycles, are called "autos, trucks, and buses" or "standard road vehicles" in this publication. Appendices A through C, and G contain accident statistics for all valid trafficway accidents. These accidents can involve any combination

of vehicle types. Persons can be riding in any motor vehicle type or they may be nonmotorists, such as pedestrians or bicyclists that are struck by motor vehicles. Appendix D and H contain the detailed accident data for automobiles, trucks, and buses (vehicles such as passenger cars, pick-up trucks and other light trucks, large trucks, panel/van trucks, buses, motor homes, tractor-trailer combinations, and emergency vehicles). At least one vehicle involved in the accident must be an automobile, truck, or bus. Appendix E contains the pedestrian and pedalcycle accident details. Appendix F contains accident statistics for motorcycles and recreational vehicles (snow machines and all terrain vehicles combined).

Alcohol Related: An accident is designated alcohol related if any driver or involved nonmotorist is considered alcohol impaired by police. Passenger (non-driver) data is not considered. Criteria include police suspicion of alcohol use, positive alcohol tests (usually blood alcohol, but preliminary breath tests could also be used), and traffic citations. An alcohol test is positive if the blood alcohol concentration (BAC) or equivalent is nonzero. The term impairment is used in this publication to designate alcohol use without respect the amount of alcohol indicated. In Alaska, intoxication is defined as having a BAC of 0.08% or more. Intoxication statistics are not presented in this publication. In this publication, alcohol related accidents do not necessarily involve drunk drivers.

Holiday Intervals: Beginning with the 1999 reporting year, holiday intervals comply with NHTSA guidelines. If a holiday occurs on either Saturday or Sunday, the holiday interval extends from 6:00 pm Friday to 5:59 am Monday. Intervals for holidays occurring on Monday or Tuesday extend from 6:00 pm Friday to either 5:59 am Tuesday or 5:59 am Wednesday. If the holiday falls on Wednesday, a 6:00 pm Tuesday to 5:59 am Thursday interval is used. If the holiday falls on Thursday, the holiday period runs from 6:00 pm Wednesday to 5:59 am Monday. The interval for a holiday occurring on Friday extends from 6:00 pm Thursday to 5:59 am Monday. For many holidays, the length of the holiday interval will vary from year to year.

Trends in Alaska Traffic Accidents

Population estimates, numbers of licensed drivers and registered motor vehicles, and estimates of annual vehicle miles traveled (AVMT) by all motor vehicles in Alaska are given in Table 1. Annual Vehicle Miles Traveled (AVMT) are from estimates developed in the Federal Highway Administration's Highway Performance Monitoring System (HPMS). The data series for licensed drivers and motor vehicles are from the Division of Motor Vehicles, Alaska Department of Administration. Motor vehicle counts include snowmobiles and motorcycles. Beginning with 1998 data, drivers with instruction permits are counted as licensed drivers.

TABLE 1 ²
Alaska Mid-year Population, Licensed Drivers, Registered Motor Vehicles, and Vehicle Miles Traveled, 1992-2001

Year	Mid-year Population	Licensed Drivers	Registered Motor Vehicles	Annual Vehicle Miles Traveled (Millions)
2001	634,000	490,000	748,000	4,801
2000	627,000	483,000	737,000	4,601
1999	622,000	478,000	712,000	4,546
1998	617,000	474,000	676,000	4,515
1997	610,000	464,000	652,000	4,120
1996	605,000	430,000	629,000	4,220
1995	602,000	435,000	630,000	4,403
1994	601,000	436,000	545,000	4,148
1993	600,000	394,000	523,000	3,919
1992	587,000	394,000	513,000	3,842

² Sources: 1) Alaska mid-year population estimates are from the **Alaska Population Overview**, Alaska Department of Labor, January 2003. 2) Licensed driver estimates are from the Division of Motor Vehicles, Alaska Department of Administration. 3) Registered motor vehicle estimates are from the Division of Motor Vehicles, Alaska Department of Administration. 4) Annual vehicle miles traveled (AVMT) are from the DOT&PF Highway Performance Monitoring System (HPMS) data for 1992 through 2001. The AVMT have been adjusted for axle correction for all functional classes.

Table 2 and Figure 1 summarize Alaska traffic accident severity for the ten year period between 1992 and 2001.

There were 1146 (8.1%) more traffic accidents reported in 2001 than in 2000. The number of fatal accidents decreased by thirteen percent (80 fatal crashes occurred in 2001, 93 in 2000) while numbers of both nonfatal injury and property damage only (PDO) accidents increased (6.5% and 9.0% respectively).

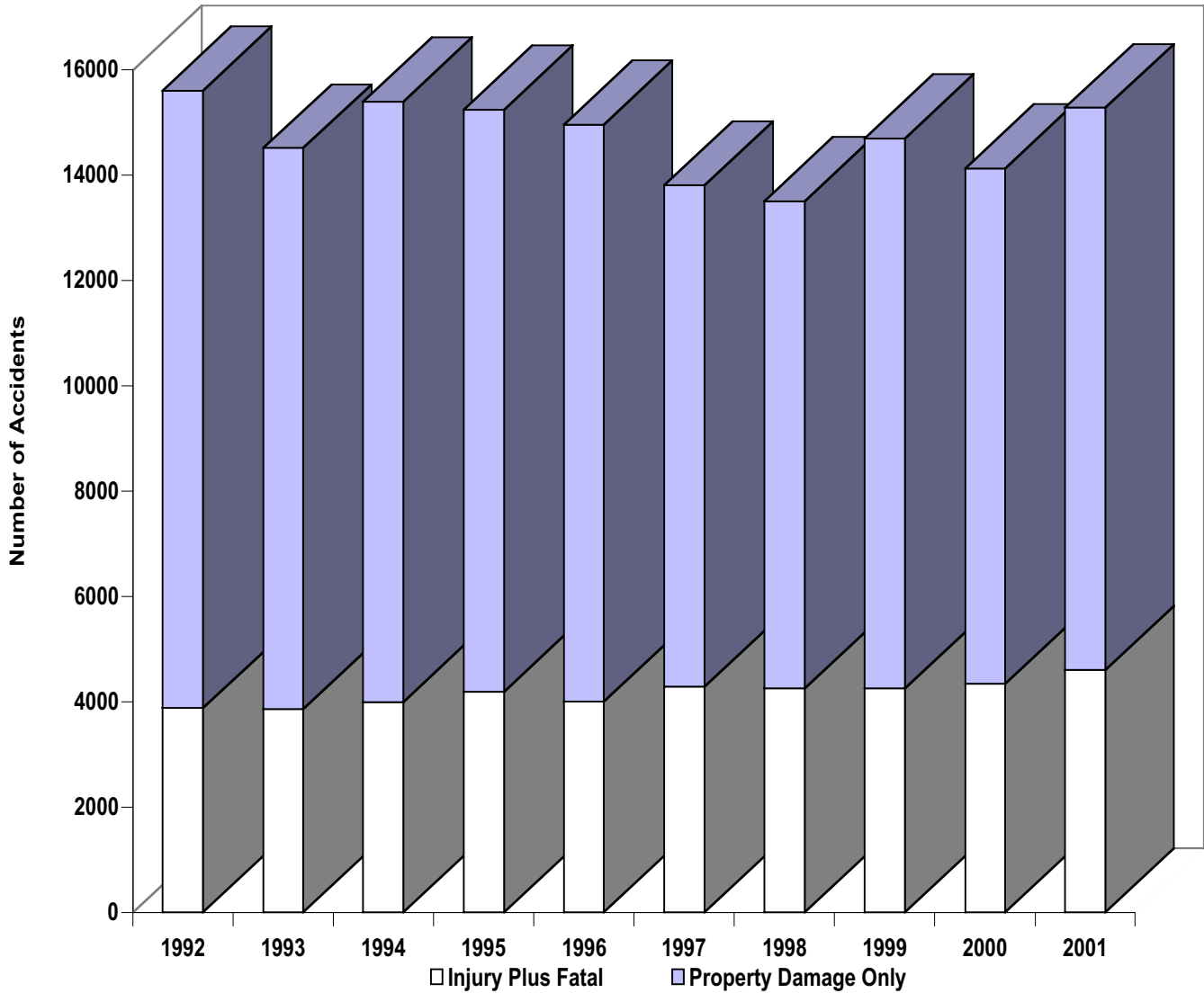
Distributions of injury (nonfatal and fatal combined) accidents and PDO accidents, as percentages of all traffic accidents in 2001, were similar to 2000. About thirty percent of accidents resulted in injuries to those involved (30.1% in 2001; 30.7% in 2000) and about sixty-nine percent of accidents were classed as property damage only (69.9% in 2001; 69.3% in 2000). Between 1992 and 2001, accidents involving injuries ranged from 24.8% (1992) to 31.5% (1998) of accidents reported annually, while PDO accidents ranged from 68.5% (1998) to 75.3% (1992).

TABLE 2 ³
Alaska Traffic Accidents by Accident Injury Severity and Year
1992-2001

Year	Property Damage Only Accidents	Non-fatal Injury Accidents	Fatal Accidents	All Accidents
2001	10670	4523	80	15273
2000	9789	4245	93	14127
1999	10,439	4181	71	14,691
1998	9,246	4,190	63	13,499
1997	9,523	4,213	68	13,804
1996	10,956	3,935	71	14,962
1995	11,052	4,117	75	15,244
1994	11,400	3,925	70	15,395
1993	10,650	3,768	88	14,509
1992	11,726	3,786	89	15,601

³ Sources: **Alaska Traffic Accidents**, annual editions for accident reporting years 1992 through 2000, published by Headquarters, Alaska Department of Transportation and Public Facilities. Fatal accidents reporting is consistent with the Fatality Analysis Reporting System (FARS) criteria.

**Figure 1
Alaska Traffic Accidents
1992-2001**



Eighty-nine persons died in traffic accidents in 2001, 17 less than were killed during 2000 but more than died on an annual basis between 1994 and 1999. Table 3 summarizes numbers of persons injured or killed and the cost of vehicle property damage reported from 1992 through 2001. Vehicle property damage increased in 2001, as did the cost of damage to non-vehicular property such as bridges, guardrails, light posts, traffic signs, and private property (\$3.3 million in 2001, \$2.1 million in 2000, \$1.3 million in 1999; not shown).

Police reported hit and run circumstances for 1368 accidents in 2001 (9.0% of all reported accidents and 4.5% of injury plus fatal accidents). Twelve percent of non-vehicular property damage occurred in accidents where a driver left the accident scene prior to police arrival or failed to report. Hit and run circumstances were coded for four fatal accidents in 2001.

TABLE 3 ⁴
Injuries, Deaths, and Estimated Vehicle Property Damage
from Alaska Traffic Accidents, 1992-2001

Year	Nonfatal Traffic Injuries	Traffic Deaths	All Traffic Deaths And Injuries	Vehicle Property Damage
2001	6543	89	6632	\$55,919,638
2000	6120	106	6226	\$52,297,419
1999	6,081	77	6158	\$50,434,435
1998	6,163	70	6,233	\$46,444,657
1997	6,257	78	6,335	\$46,351,311
1996	5,851	79	5,930	\$54,803,614
1995	6,059	87	6,146	\$57,830,000
1994	5,778	85	5,863	\$43,040,000
1993	5,686	118	5,804	\$40,300,000
1992	5,561	108	5,669	\$42,200,000

Alaska traffic accident deaths in 2001 included seven pedestrians, one bicyclist, seven motorcyclists, five snowmobile riders, and sixty-nine occupants of automobiles or trucks. Seven children under the age of sixteen and eight older adults (age 65 or older) were killed in motor vehicles. There were four fatalities attributed to motor vehicle collisions with moose or moose carcass in the roadway. Thirty-nine people might still be alive had they been wearing seat belts. Forty-two deaths occurred in alcohol-related traffic accidents.

⁴ Sources: **Alaska Traffic Accidents**, annual editions for accident reporting years 1992 through 2000, published by Headquarters, Alaska Department of Transportation and Public Facilities. Fatalities (traffic deaths) are consistent with the Fatality Analysis Reporting System (FARS) criteria.

Two accepted methods for making accident severity comparisons are based on calculations of the number of fatalities per million vehicle miles traveled (VMT) or the number of fatalities per million licensed drivers. Table 4 summarizes the United States annual VMT, licensed drivers, and fatalities for the last ten years, as provided by the Federal Highway Administration, Office of Highway Information Management. See Table 1 for corresponding Alaska data.

TABLE 4 ⁵
United States Vehicle Miles Traveled,
Licensed Drivers, and Fatalities
1992-2001

Year	Annual Vehicle Miles Traveled (Millions)	Licensed Drivers	Fatalities
2001	2,781,000	191,276,000	42,116
2000	2,750,000	190,625,000	41,821
1999	2,691,000	187,170,000	41,717
1998	2,632,000	184,980,000	41,501
1997	2,562,000	182,709,000	42,013
1996	2,486,000	179,539,000	42,065
1995	2,423,000	176,628,000	41,817
1994	2,358,000	175,403,000	40,716
1993	2,296,000	173,149,000	40,150
1992	2,247,000	173,125,000	39,250

⁵ Source: **Traffic Safety Facts 2001**, National Center for Statistics & Analysis. This fact sheet was provided by the National Highway Traffic Safety Administration internet site at www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/Availinf.html.

Figure 2 compares Alaska and U.S. fatalities per 100 million annual vehicle miles traveled for the last ten years. The national rate decreased annually between 1993 and 2001, from 1.75 U.S. fatalities /100 million VMT in 1993, to 1.51 U.S. fatalities /100 million VMT in 2001. Alaska's rate also decreased annually, but remained above the national rate until 1998 and 1999. In 2000, Alaska's rate rose for the first time in six years, to 2.30 fatalities per 100 million VMT. It decreased to 1.85 traffic fatalities per 100 million VMT in 2001 (comparable to fatality rates between 1994 and 1997).

Figure 2
Alaska and U.S. Traffic Fatalities
Per 100 Million Vehicle Miles Traveled
1992-2001

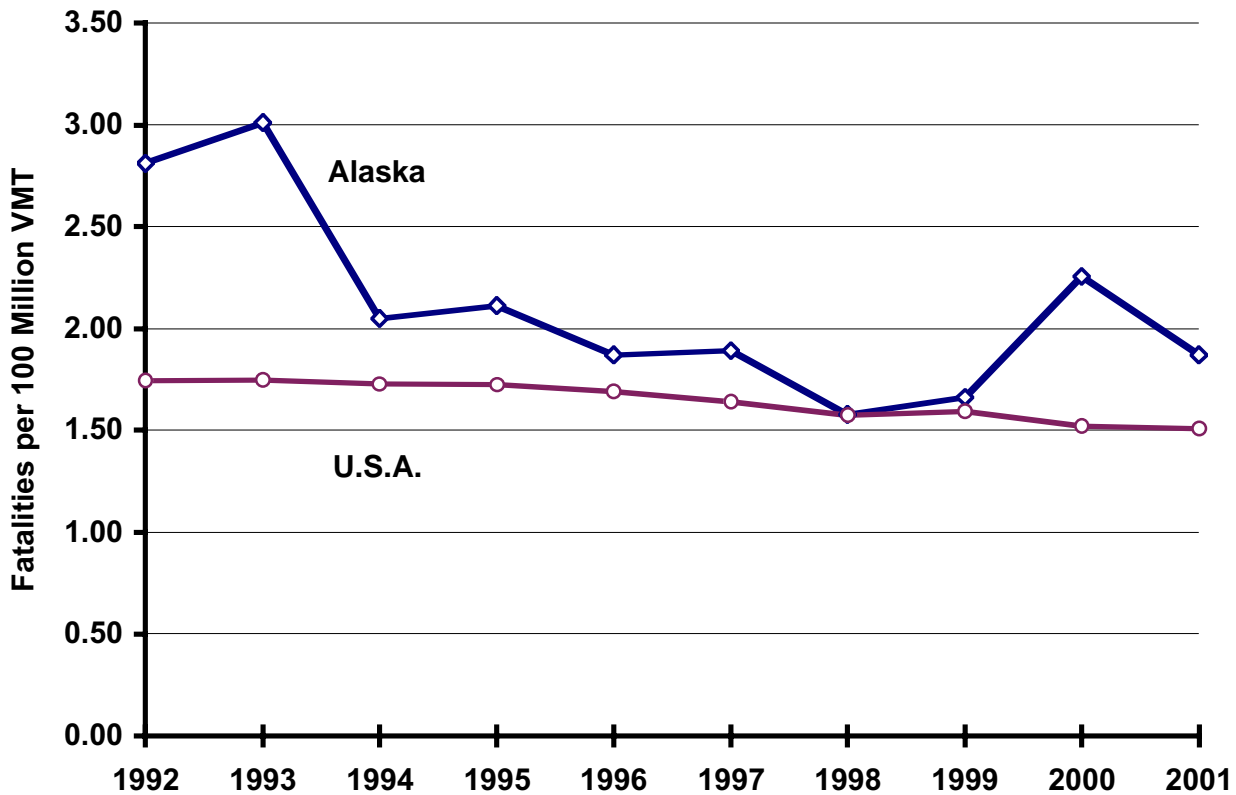
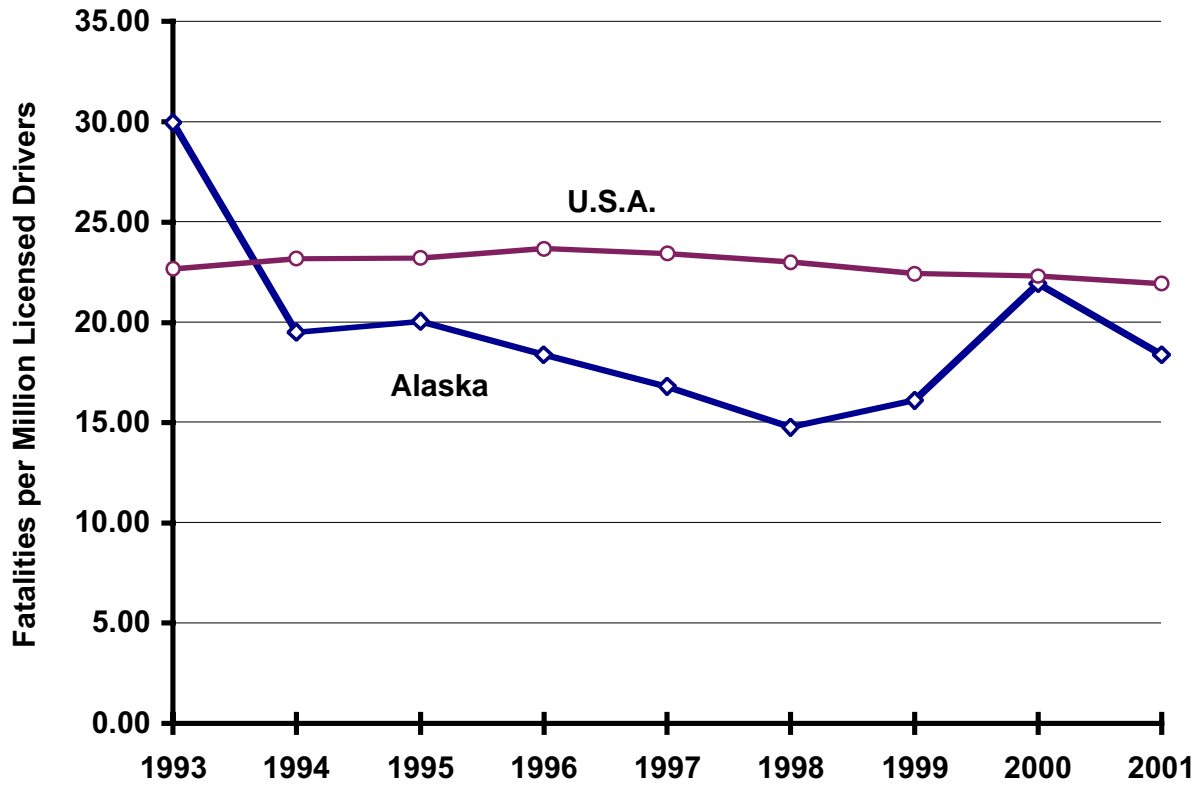


Figure 3 compares the U.S. and Alaska trends for fatalities per million licensed drivers. While Alaska traffic fatality rates based on traffic volumes (by VMT) are typically greater than the corresponding national rate, Alaska traffic fatality rates based on population, number of licensed drivers, or number of registered vehicles tend to be less.

Figure 3
Alaska and U.S. Traffic Fatalities
Per Million Licensed Drivers
1992-2001



Crash Events

Event type, or type of collision, describes the crash events of the traffic accident. Law enforcement personnel indicate a first collision event for the entire accident and a possible second collision event for each vehicle, following procedures described in the State of Alaska Police Accident Report Manual.

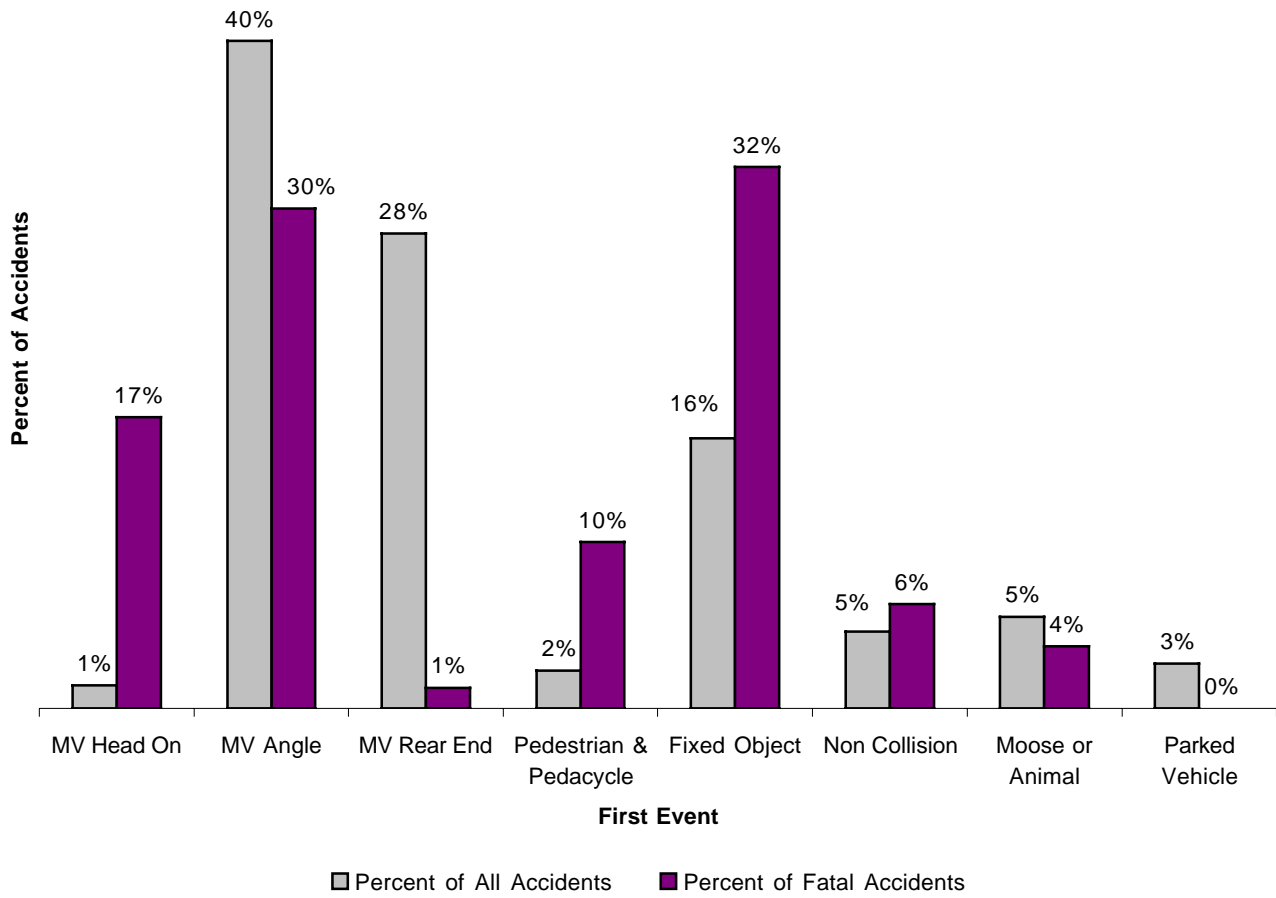
The first collision event is used to classify the type of accident (or crash type referenced in this publication). For a single vehicle, this may be a collision with an animal, pedestrian, or fixed object such as a light pole or ditch, or it may be a non-collision event such as an overturn. For multiple vehicle accidents, the first event is typically a collision with another motor vehicle. Collisions between motor vehicles in transport (motor vehicles in the process of transporting people or goods on a public roadway) are classified as rear end, head on, and angle motor vehicle collisions. Collisions between vehicles in transport and parked vehicles (vehicles not in transport and not in the travel lanes of a public roadway) are classified separately.

Figure 4, adapted from Appendix Table C.1.2, shows the first collision event types for all accidents and for those accidents that resulted in fatal injuries. Collisions between motor vehicles (head-on, rear-end, and angle combined) accounted for sixty-nine percent of all accidents and forty-eight percent of fatal crashes in 2001.

Forty percent (39.6%) of all Alaska traffic accidents involved motor vehicle (MV) angle collisions, a crash type associated typically with turning movements, passing, and failure to yield situations. The second most prevalent type of crash was the MV rear end collision, which is typical of situations involving unsafe speed and driver inattention at intersections or in slowing traffic. Collisions with fixed objects (such as light poles, barriers, and embankments) were the third most prevalent type of crash, all accident severities considered.

Fixed object collisions were the most frequent crash type in fatal accidents. Fatal accidents also included a higher percentage of head-on collisions with other motor vehicles, vehicle rollovers, and collisions with pedestrians and pedalcyclists than traffic accidents overall.

Figure 4
2001 Accident Collisions by Type
All Accidents versus Fatal Accidents

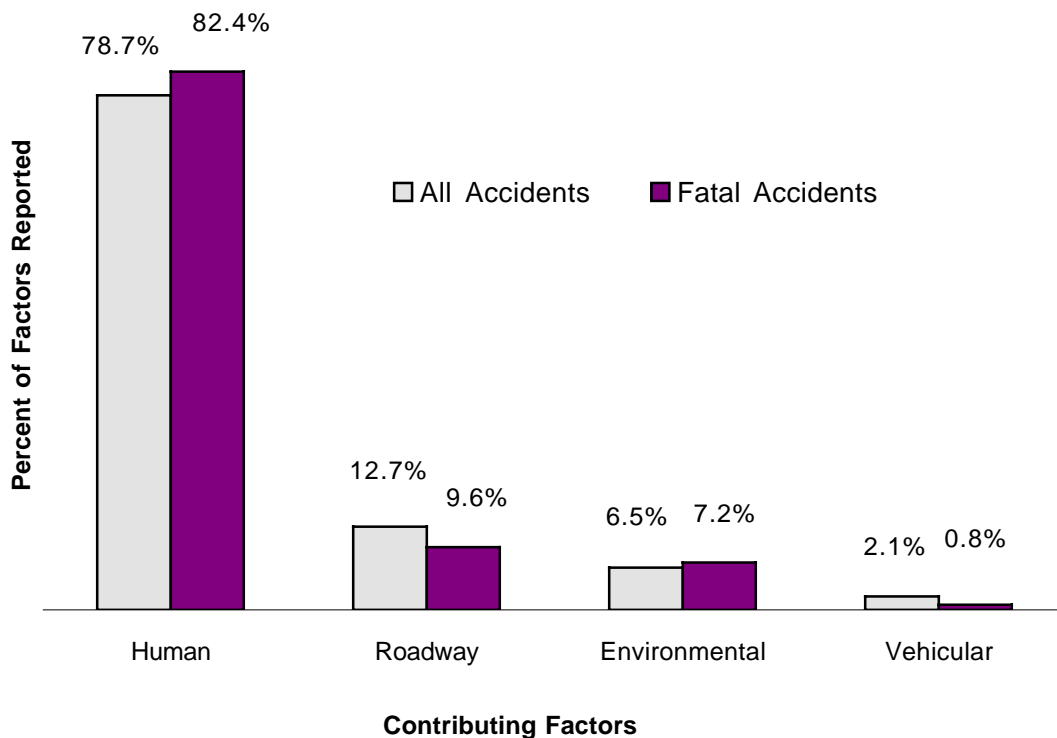


Contributing Factors

There are four major categories of contributing factors that can be recorded on the police report Form #12-208: Human error, roadway conditions, environmental elements, and vehicle defects. All are coded on the vehicle record (per vehicle). Up to four factors can be coded per vehicle by police. Contributing factor data is not collected for driver reported accidents.

Figure 5, adapted from Appendix Table C.5.1, shows the relative contributions of human, vehicle, roadway, and environmental factors in 2001 traffic accidents. As in all previous years, human factors were recorded most frequently by police. Most accidents were the result of either improper driving actions or the physical condition of the driver.

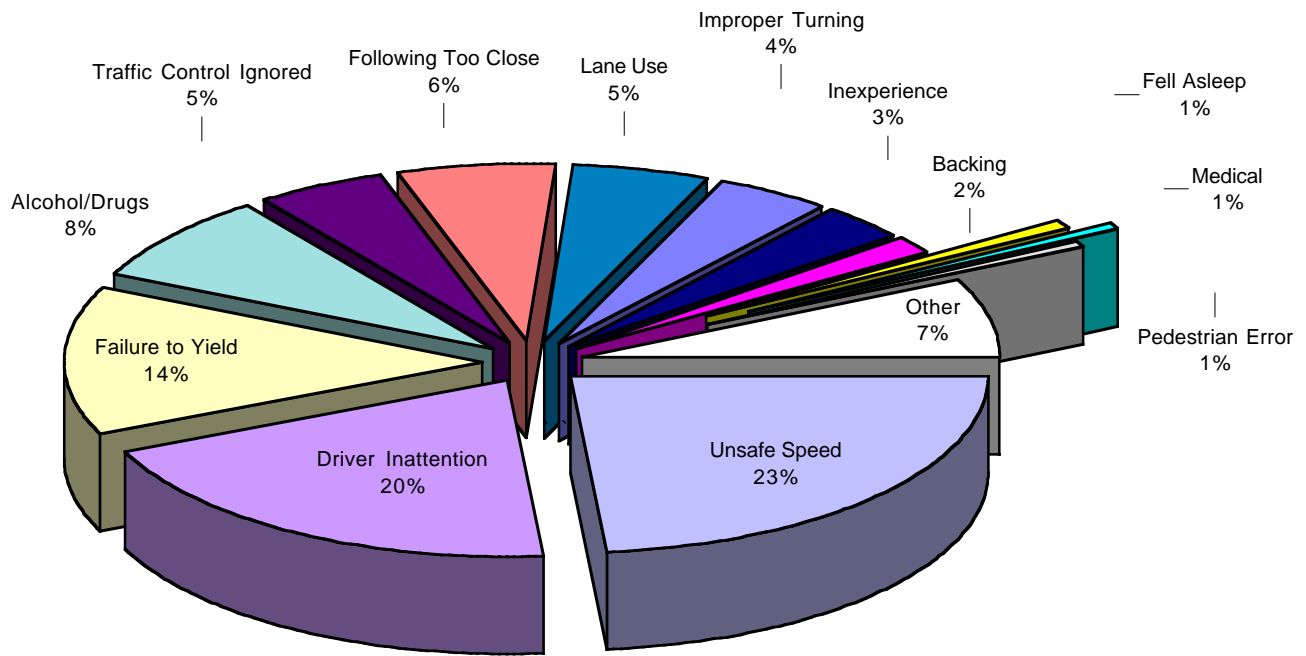
Figure 5
Factors Contributing To 2001 Traffic Accidents



Figures 6 and 7 (adapted from Appendix Table C.6.1) show the major human factors that contributed to all accidents (Figure 6) and to fatal accidents (Figure 7) in 2001.

Unsafe speed was the most frequently reported human contributing factor for all accidents, followed by driver inattention, failure to yield, and alcohol/drug use. These have been the top four contributing factors reported annually by police since 1994 (in the above rank order).

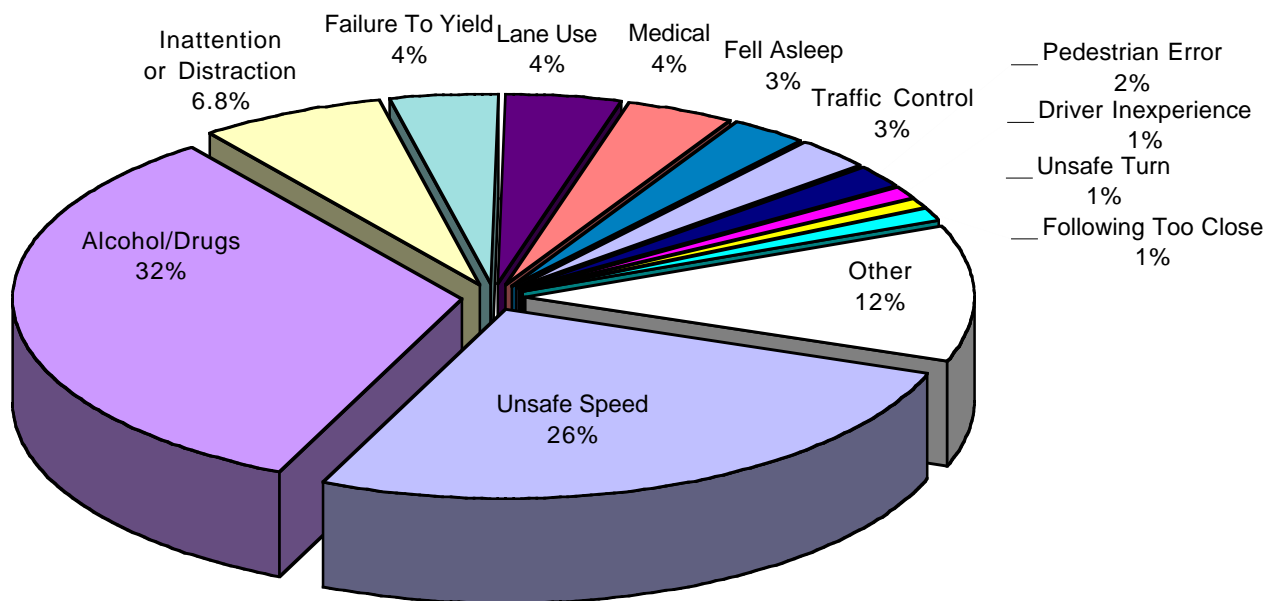
**Figure 6
Major Human Factors Contributing
To All Accidents in 2001**



Alcohol/drug use factors were recorded far more often in fatal accidents than in accidents overall (33.1% of the time in fatal accidents, 8.1% of the time in all accidents), consistent with the ten year trend.

Figure 7 illustrates that alcohol and illegal drug use, unsafe speed, and driver inattention were (in that order) the most frequently recorded human factors on fatal accident reports during 2001. Between 1994 and 1998, alcohol use was reported more frequently than unsafe speed as a contributing factor. Speed was reported more often than alcohol/drug use in 1999 and in 2000. In 2001, alcohol use was again identified more frequently than excessive speed.

Figure 7
Major Human Factors Contributing To
Fatal Accidents in 2001

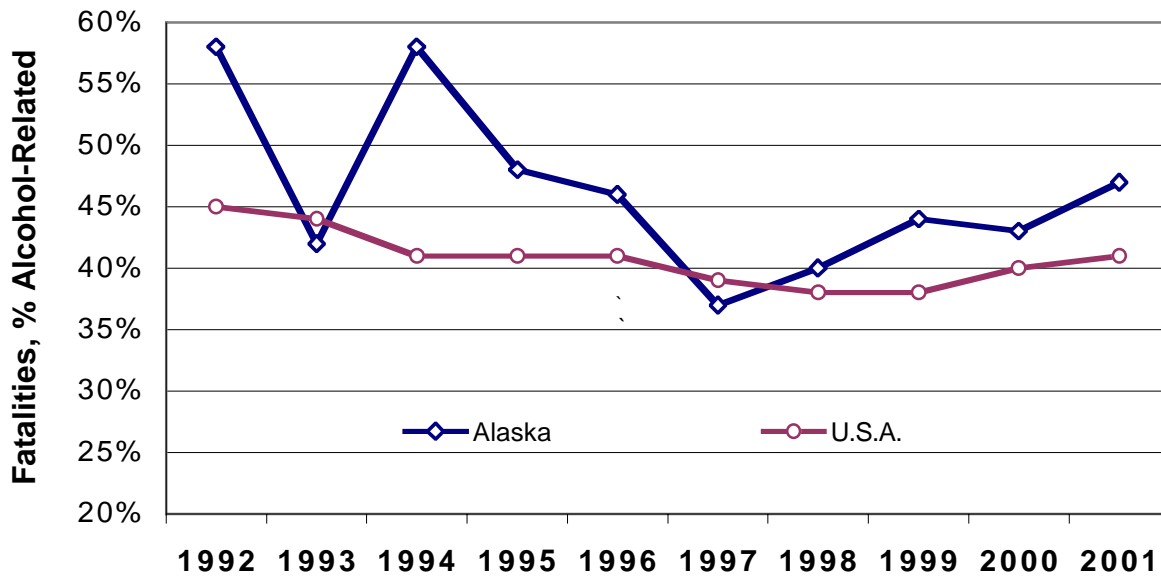


Alcohol Involvement

Alcohol test results, traffic citations, and pedestrian actions are considered in addition to the contributing factors discussed in the previous section, when evaluating Alaska traffic accidents for alcohol involvement and categorizing accidents and injuries in this publication as being *alcohol-related*. Alcohol tests are considered positive if nonzero and crashes can be designated alcohol-related based on police suspicion without confirming tests. A crash can be designated alcohol related if an involved nonmotorist is impaired when involved motor vehicle drivers are not. Passenger involvement is not taken into consideration. Statistics specifically for drunk driving accidents (those meeting the statutory 0.08% driver blood alcohol criteria) are not provided in this publication.

For the 2001 reporting year, 1146 accidents were determined to be alcohol-related, including thirty-six of the eighty fatal accidents. Forty-two of eighty-nine fatalities (47.2% of all traffic fatalities in 2001) occurred in accidents where police indicated alcohol involvement. Figure 8 shows the Alaska alcohol-related fatality rates (calculated as the percentage of fatalities that occurred in alcohol related crashes) compared to the national rate for the years 1992 to 2001.

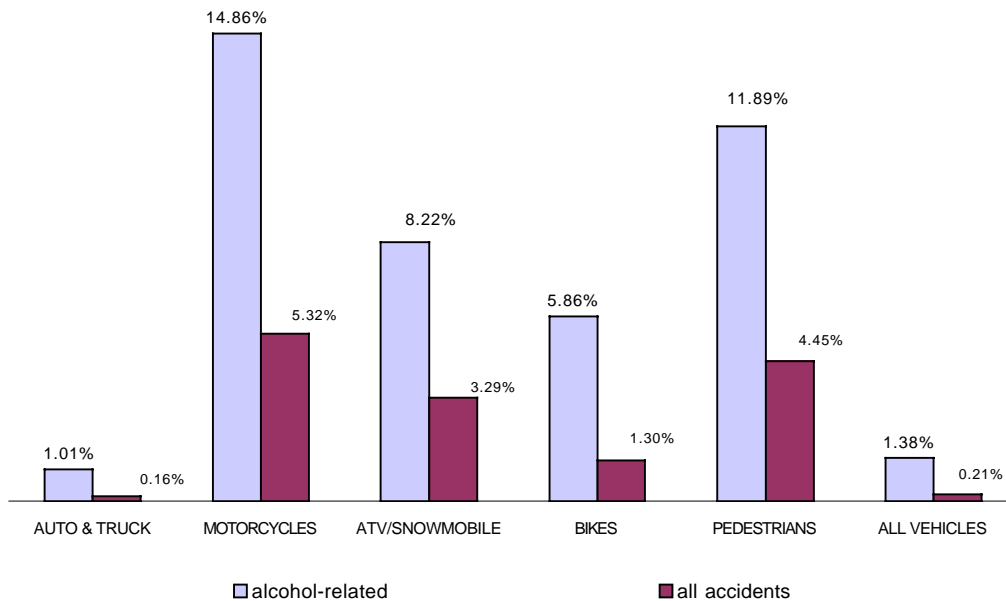
Figure 8
Alaska and United States
Alcohol-Related Fatality Rates, 1992-2001



The forty-two alcohol-related traffic fatalities included thirty occupants of automobiles and trucks, five pedestrians, two snowmobile riders, and five motorcyclists. Four children under age 16 and two seniors over age 65 died in alcohol-related accidents. Eighteen of the driver fatalities in automobiles and trucks were alcohol impaired, as were two snowmobile operator fatalities and five motorcyclist fatalities. Three pedestrians that were struck by motor vehicles were alcohol impaired. Two pedestrians that had not used alcohol were struck by motor vehicle drivers that were impaired. No bicyclists (pedalcyclists) were killed in alcohol related traffic accidents during 2001. Alcohol was not involved in any of the moose collisions that resulted in human fatalities.

Figure 9 compares the percentage of persons fatally injured in all accidents with the percentage that were killed in alcohol related accidents, by the type of vehicle that they occupied. In accidents overall, both injury severity (not shown) and fatality rates were greater on motorcycles, all terrain vehicles, and snowmobiles than in passenger cars and pick ups. A similar trend is seen in alcohol related crashes. This is likely due to the limited physical protection afforded by motorcycles and recreational vehicles, and the fact that drivers are often the only occupants.

Figure 9
Injury Severity by Vehicle Type
2001 Accidents and Alcohol-Related Accidents



Alcohol related traffic accidents might be more frequent during holiday periods and over weekend intervals. Table 5 summarizes traffic accidents over six holiday periods during 2001. Almost fourteen percent (13.9%) of holiday accidents were alcohol-related in 2001, slightly less than the previous year (15.5% in 2000). Twenty-one percent (21.2%) of injuries plus fatalities during the holiday periods were alcohol-related, about four percent less than in 2000. Four of the seven holiday fatalities in 2001 were alcohol-related.

**TABLE 5
2001 Holiday Traffic Accidents⁶**

HOLIDAY	ACC TYPE	ALL	ALC	INJ TYPE	ALL	ALC
NEW YEARS						
6 PM Friday 12/29/00	PDO ACC	103	13			
through	INJURY ACC	30	8	INJURIES	47	16
5:59 AM Tuesday 1/02/01	FATAL ACC	1	1	FATALITIES	1	1
(84 hours)	TOTAL ACC	134	22			
MEMORIAL DAY						
6 PM Friday 5/25/01	PDO ACC	55	10			
through	INJURY ACC	30	6	INJURIES	46	8
5:59 AM Tuesday 5/29/01	FATAL ACC	0	0	FATALITIES	0	0
(84 hours)	TOTAL ACC	85	16			
FOURTH of JULY						
6 PM Tuesday 7/03/01	PDO ACC	25	5			
through	INJURY ACC	17	7	INJURIES	26	11
5:59 AM Thursday 7/05/01	FATAL ACC	1	0	FATALITIES	1	0
(36 hours)	TOTAL ACC	43	12			
LABOR DAY						
6 PM Friday 8/31/01	PDO ACC	69	11			
through	INJURY ACC	37	5	INJURIES	54	8
5:59 AM Tuesday 9/04/01	FATAL ACC	1	0	FATALITIES	1	0
(84 hours)	TOTAL ACC	107	16			
THANKSGIVING						
6 PM Wednesday 11/21/01	PDO ACC	128	13			
through	INJURY ACC	44	9	INJURIES	63	12
5:59 AM Monday 11/26/01	FATAL ACC	1	1	FATALITIES	1	1
(108 hours)	TOTAL ACC	173	23			
CHRISTMAS						
6 PM Friday 12/21/01	PDO ACC	195	13			
through	INJURY ACC	74	9	INJURIES	110	16
5:59 AM Wednesday 12/26/01	FATAL ACC	3	2	FATALITIES	3	2
(108 hours)	TOTAL ACC	272	24			
HOLIDAY TOTALS	ACCIDENTS	814	113	INJURIES + FATALITIES	353	75

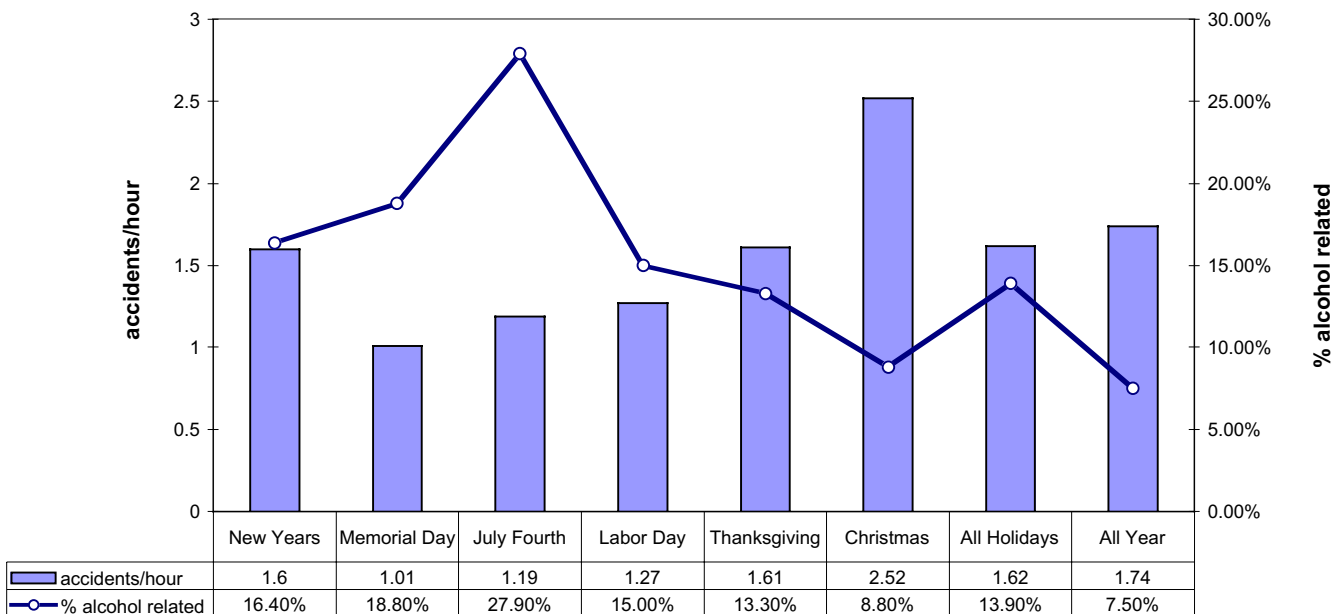
⁶ Note: In 2001, there were 14 fewer total holiday hours than in 2000. The Independence Day interval was 36 hours long in 2001, but 108 hours long in 2000.

Table 6 shows the percentage of holiday accidents that were alcohol-related. To facilitate comparisons between holidays, an hourly rate (for all traffic accidents, not for those that were alcohol related) has been provided. Crashes occurring during the Memorial Day and Independence Day summer holidays had the highest percentage alcohol involvement, while those occurring during Thanksgiving and Christmas had the lowest. The number of accidents per hour (PDO, injury, and fatal accidents combined) was greatest during the Christmas holiday interval and lowest over the Memorial Day weekend.

Table 6
2001 Holiday Accidents,
Traffic Accident Rates and
Alcohol Involvement

Holiday	% Alcohol-Related	Accidents per Hour
New Years	16.4	1.60
Memorial Day	18.8	1.04
July Fourth	27.9	1.19
Labor Day	15.0	1.27
Thanksgiving	13.3	1.61
Christmas	8.8	2.52
All Holidays	13.9	1.62
All Year	7.5	1.74

Figure 10A
2001 Holiday Accidents
Alcohol Involvement

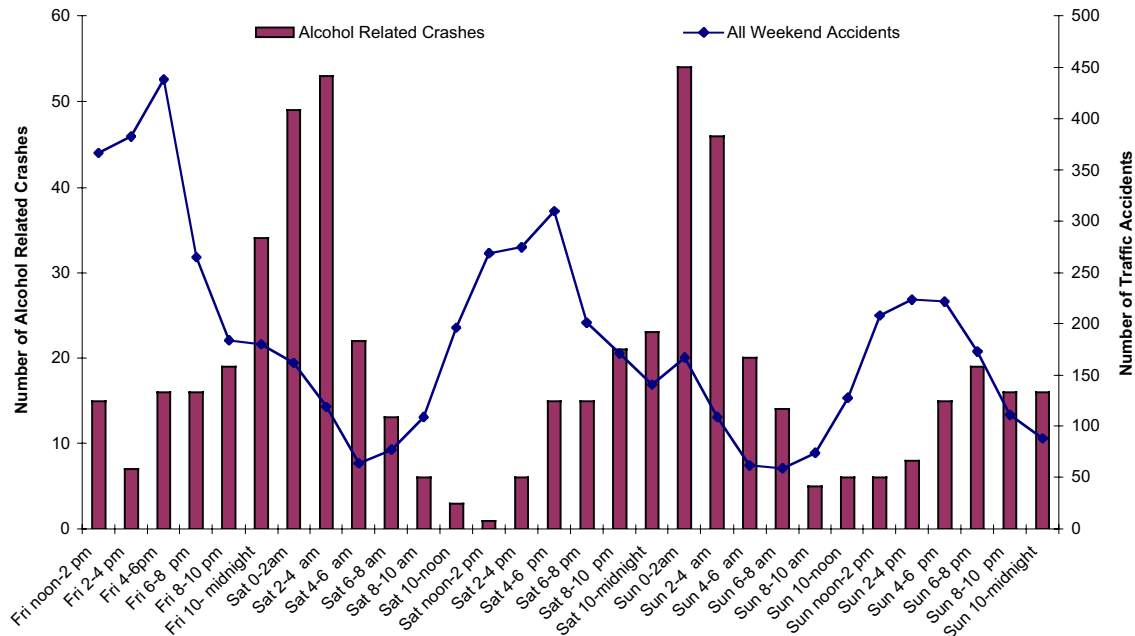


NHTSA defines weekend crashes using a 60 hour interval from 6 p.m. Friday evening through midnight Sunday. Appendix Tables A.4.1 and A.4.2 summarize accident and alcohol related accident counts by severity for two hour intervals during this weekend interval. About 48% of all alcohol related fatal crashes during 2001 occurred during the weekend interval while 52% occurred on weekdays. Alcohol related fatal crashes occurred 9.3 times per hour during weekends, but only 5.4 times per hour on weekdays.

Less than eight percent (7.5%) of all accidents involved alcohol. Alcohol use was indicated far more often in fatal crashes. Forty-five percent of all fatal accidents in 2001 involved alcohol and 47% of all traffic fatalities were alcohol related. During weekends, the incidence of alcohol related accidents increased to 10.1% of all traffic accidents and the percentage of fatal crashes that involved alcohol rose to 55.8%.

Figure 10B compares the hour-of-day distribution for all weekend accidents with those that involved alcohol. When alcohol use was not indicated, weekend crashes were most frequent during the daytime. Alcohol related accidents were most frequent in the late evening and early morning (Friday and Saturday evenings).

Figure 10B
Alcohol Involvement in Weekend Accidents



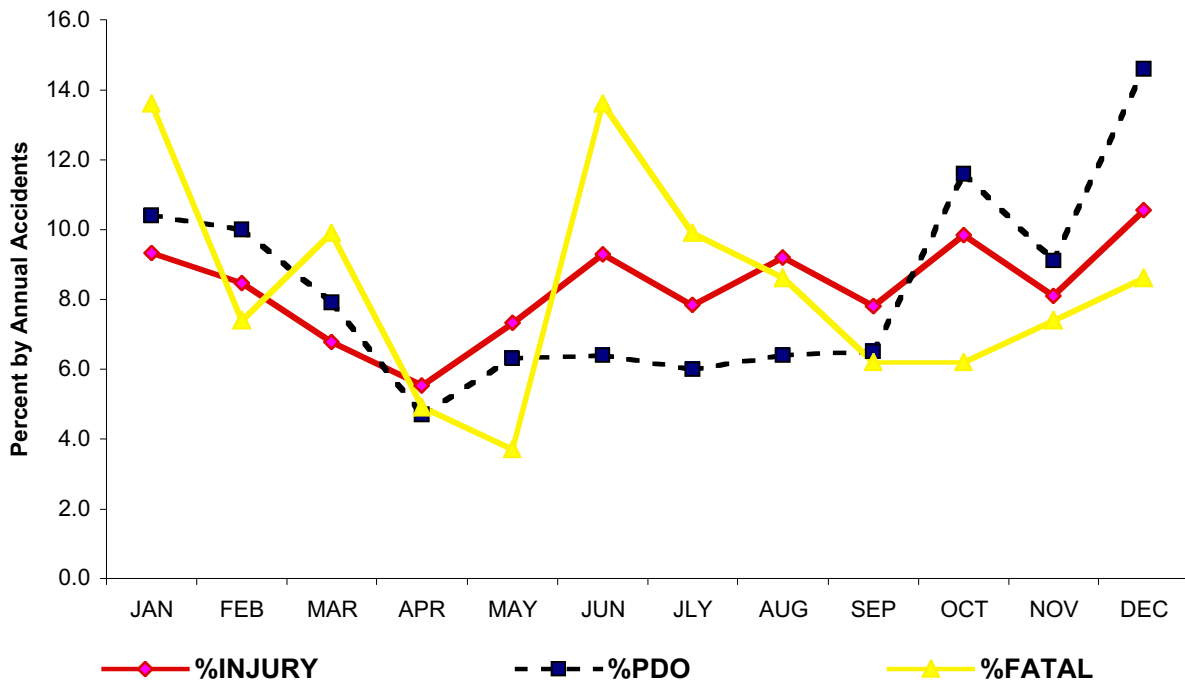
Temporal Distribution of Traffic Accidents

In a typical year, Alaska experiences most property damage only accidents during the winter months and most major injury and fatal accidents during the summer. The higher numbers of major injury and fatal accidents during summer months may correlate with the higher daily traffic volumes, higher speeds with lower levels of driver caution, and longer hours of daylight. One might also expect more property damage accidents to occur during the winter months when drivers tend to reduce speed and are more cautious due to adverse driving conditions.

Figure 11 shows crash occurrence by month of year, by day of week, and by time-of-day (taken from Appendix Tables A.1.2, A.2.2, and A.3.2 respectively). Percent injury combines minor and major injuries in these figures.

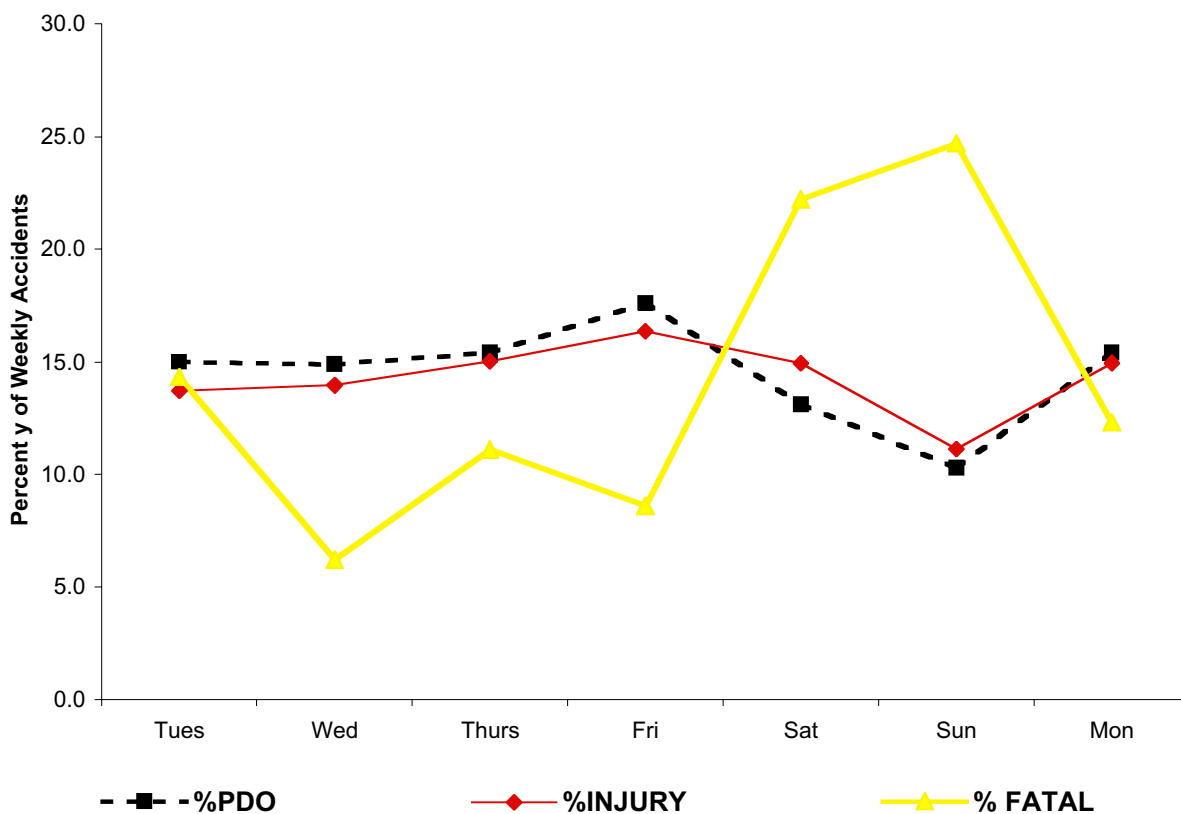
In 2001, 63.6% of PDO accidents were concentrated between October and March and only 36.4% occurred between April and September. Major injury accidents were most frequent during June and August (11.2% and 12.9% respectively, of all major injury crashes that occurred during the year, see Appendix table A.1.2). Fatal accidents were most frequent during January and June (13.8% of fatal accidents during 2001 occurred in January and 13.8% occurred in June). April and May were the safest months of the year to drive on Alaska roadways.

Figure 11A
2001 Traffic Accident Severity
Percent Distribution by Month



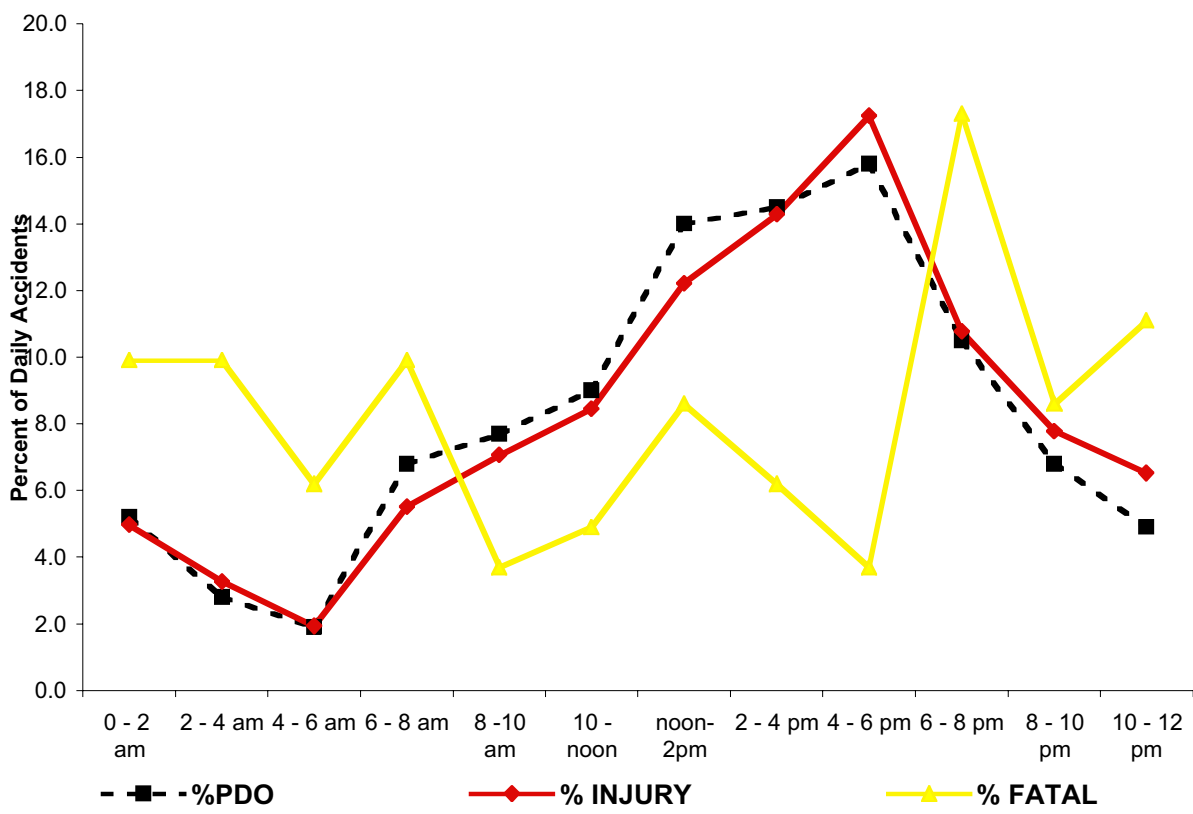
On a day-of-week basis accidents seem to occur more often during the work week than on weekends, possibly due to heavier urban traffic volumes as people commute to work. There may be fewer crashes on Saturday and Sunday, but they often result in more serious injuries. In 2001, the highest number of accidents per day occurred on Friday (17.2% of all accidents during the week) and the lowest number occurred on Sunday (10.6%). Forty-seven percent of fatal crashes occurred on Saturday and Sunday combined (22.4% and 24.7% on Saturday and Sunday, respectively). Figure 11B shows accident distribution by day of week, using standard 24 hour days ending at midnight. Based on NHTSA's weekend definition (6 p.m. Friday to midnight Sunday), 36.2% of all Alaska traffic accidents and 53.8% of Alaska's fatal crashes occurred on weekends during 2001 (see Figure 10B).

Figure 11B
2001 Traffic Accident Severity
Percent Distribution by Day of Week



Traffic accidents (all severity classes combined) followed the expected hourly distribution in 2001, rising from low numbers of accidents in the four-to-six-am time period, reaching a maximum during the afternoon rush hour, then falling steadily from midnight to 4 in the morning. Fatal crash distribution by time of day has been more variable from year to year. In 2001, drivers were least likely to be involved in fatal crashes during the midmorning (after the morning commute) and during the afternoon commute. Fatal crashes were most frequent between 6 and 8 in the evening. Compared to accidents that occurred during the daytime (between 8 a.m. and 6 p.m.), a higher percentage of crashes during the late evening and early morning hours resulted in fatalities.

Figure 11C
2001 Traffic Accident Severity
Percent Distribution by Time of Day



Collisions with Moose

While overall accident rates and fatal accident rates probably reflect road conditions, traffic volumes, and driver error, collisions with moose may be more dependent on environmental conditions (snowfall patterns in Southcentral Alaska and hours of daylight) and are often the consequence of animal foraging behavior and visibility. Moose collision data is summarized in Appendix tables C.4. through C.4.6. Appendix tables include only data from collisions with live moose (*collision with moose* coded as the first crash event).

In 2001, 31% of collisions with moose occurred during November (14.3%) and December (16.8%). The months of April and May had the lowest frequency of encounters (3.1% and 3.7% respectively). Peak activity in 2000 occurred in January and February, but otherwise the monthly distributions of moose accidents for 2000 and 2001 were similar.

Forty-three percent of collisions with moose occurred between six in the evening and midnight (16.1% between 6 and 8 p.m., 14.5% between 8 and 10 p.m., and 12.7% between 10 p.m. and midnight). Moose encounters on Alaska roadways were least likely during the midday (only 3.2% occurred between 10 a.m. and noon, 3.4% between noon and 2 p.m., and 2.8% between 2 and 4 p.m.). The time-of-day distribution for moose accidents in 2001 was similar to that in 2000.

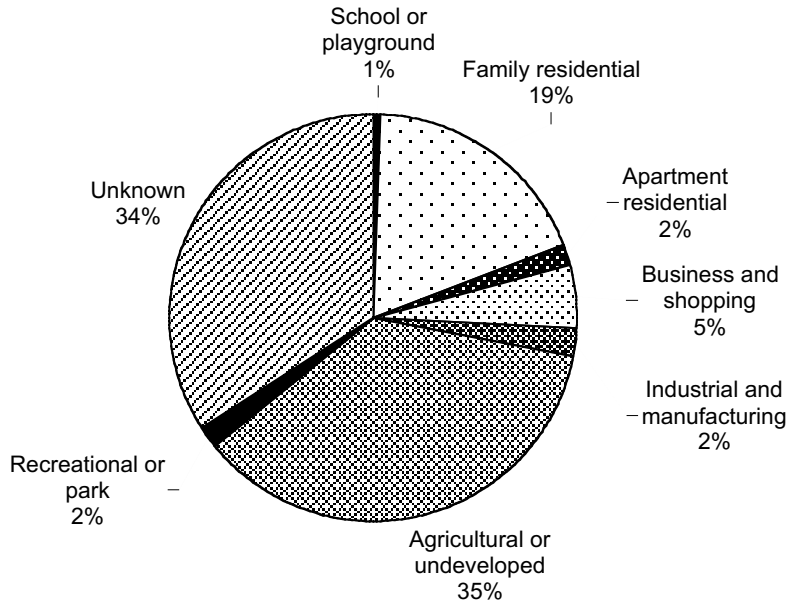
Motor vehicle collisions with moose usually result in fewer injuries to vehicle occupants than other traffic accidents. Eighty-four percent of moose collisions in 2001 caused only property damage while 15% resulted in only minor injuries to occupants (considering all crash event types, about 69% were PDO and 27% were minor in crash severity in 2001). Four traffic fatalities were associated with motor vehicle collisions with moose in 2001. Three persons died in collisions with live moose and one died as the result of a collision with a moose carcass in the roadway.

Seventy-eight percent (77.7%) of moose collisions occurred in Southcentral boroughs (27.1% in the Kenai Borough, 25.6% in the Municipality of Anchorage, and 25% in the Matanuska-Susitna Borough). The Fairbanks NorthStar Borough experienced about 15% of moose accidents statewide.

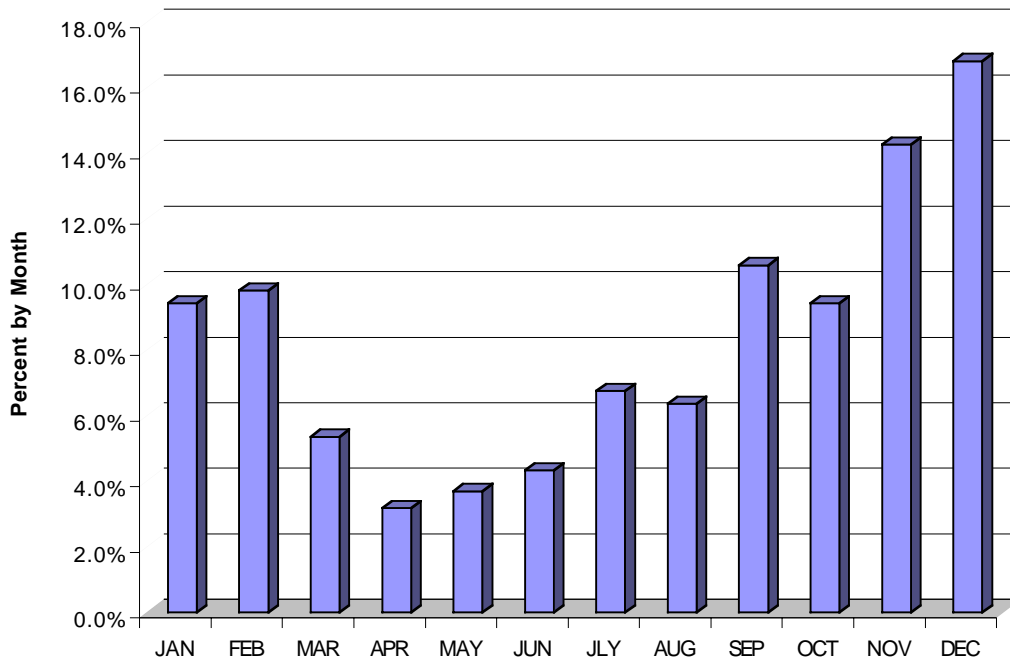
Based on police reported land usage at the accident location, moose accidents happened most often in agricultural or undeveloped areas (36%) and in family residential areas (18.7%, see Appendix Table C.4.5). Almost twenty-five percent of moose collisions occurred in urbanized areas and about seventy-one percent occurred in rural areas, based on human population density (Appendix Table C.4.6).

Moose collision data is also summarized by traffic link for major Alaska interstate and state highway routes in the NHS Roadways section of this publication. About 38% of all moose collisions happened on these roadways.

2001 Moose Collisions, Percent by Land Usage



2001 Moose Collisions by Month of Year



Geographic Distribution of Traffic Accidents

Figures 12 through 20 (based on Appendix Table A.5.1) illustrate property damage and injury accident trends for the years 1992 through 2001. Figures 12 through 19 show accident counts for Alaska's eight most populous boroughs. Figure 20 summarizes for all other areas (less populous boroughs and unorganized areas). Statewide data was presented in Figure 1.

Two Southcentral boroughs, the Matanuska-Susitna Borough and the Municipality of Anchorage, reported more traffic accidents in 2001 than in 2000 (21.9% and 10.7% more, respectively). Three Southeast Alaska boroughs also reported more accidents (Ketchikan Gateway Borough, 25%; City and Borough of Juneau, 19.9%; and Sitka City and Borough 1.2%). Numbers of accidents reported in the Kodiak Island Borough, Fairbanks Northstar Borough, and Kenai Peninsula Borough decreased (12%, 2.9%, and 1.2% respectively). The number of accidents reported from less populated boroughs and unorganized areas decreased by almost eight percent (7.8%). Statewide, traffic accident reporting increased by eight percent (8.1%).

Accident severity increased in only one borough during 2001 (by 2.8% in the Fairbanks Northstar Borough). Percentages of crashes that involved injuries or deaths were unchanged in the Municipality of Anchorage and decreased in the other six populous boroughs (by 25% in the Ketchikan Gateway Borough; 8% in the City and Borough of Juneau; 6.9% in the Kodiak Island Borough; 2.9% in the Kenai Peninsula Borough; and by less than 1% in the Matanuska-Susitna and Sitka Boroughs). Accident severity in sparsely populated boroughs and unorganized areas decreased by 2.9% from the prior year. Statewide, accident severity decreased slightly (by 0.6%).

While numbers of traffic accidents in most of the Alaska's populous boroughs trend lower over time, numbers of traffic accidents reported in the Matanuska-Susitna Borough trend higher every year. In 2001, the number of accidents reported in the Matanuska-Susitna Borough was 63% greater than the number reported in 1992. The borough's population grew by about 41% over the same period.

By mid-2001, about ten percent (9.8%) of the State's population lived within the Matanuska-Susitna Borough boundaries. Eleven percent (11.1%) of alcohol related crashes, twenty-five percent of moose collisions, and twenty-two percent (22.2%) of fatal crashes occurred there in 2001. The percentage of traffic accidents that resulted in fatalities was much higher than statewide (0.523% statewide compared to 1.116% within the Matanuska-Susitna Borough).

The Municipality of Anchorage, with about 40% of the State's population, reported sixty percent of all traffic accidents and thirty-one percent of all fatal crashes that occurred statewide during 2001. About fifty-nine percent of motor vehicle collisions with pedestrians and 74% of collisions with bicyclists (pedalcyclists) occurred within Anchorage boundaries. Fifty-six percent (56.4%) of Alaska's alcohol-related crashes and 25.6% of collisions with moose occurred there. The percentage of traffic accidents that caused fatalities was lower than statewide (0.523% statewide compared to 0.275% within the boundaries of the Municipality of Anchorage).

Figure 12
Anchorage Borough Traffic Accidents
by Accident Severity
1992-2001

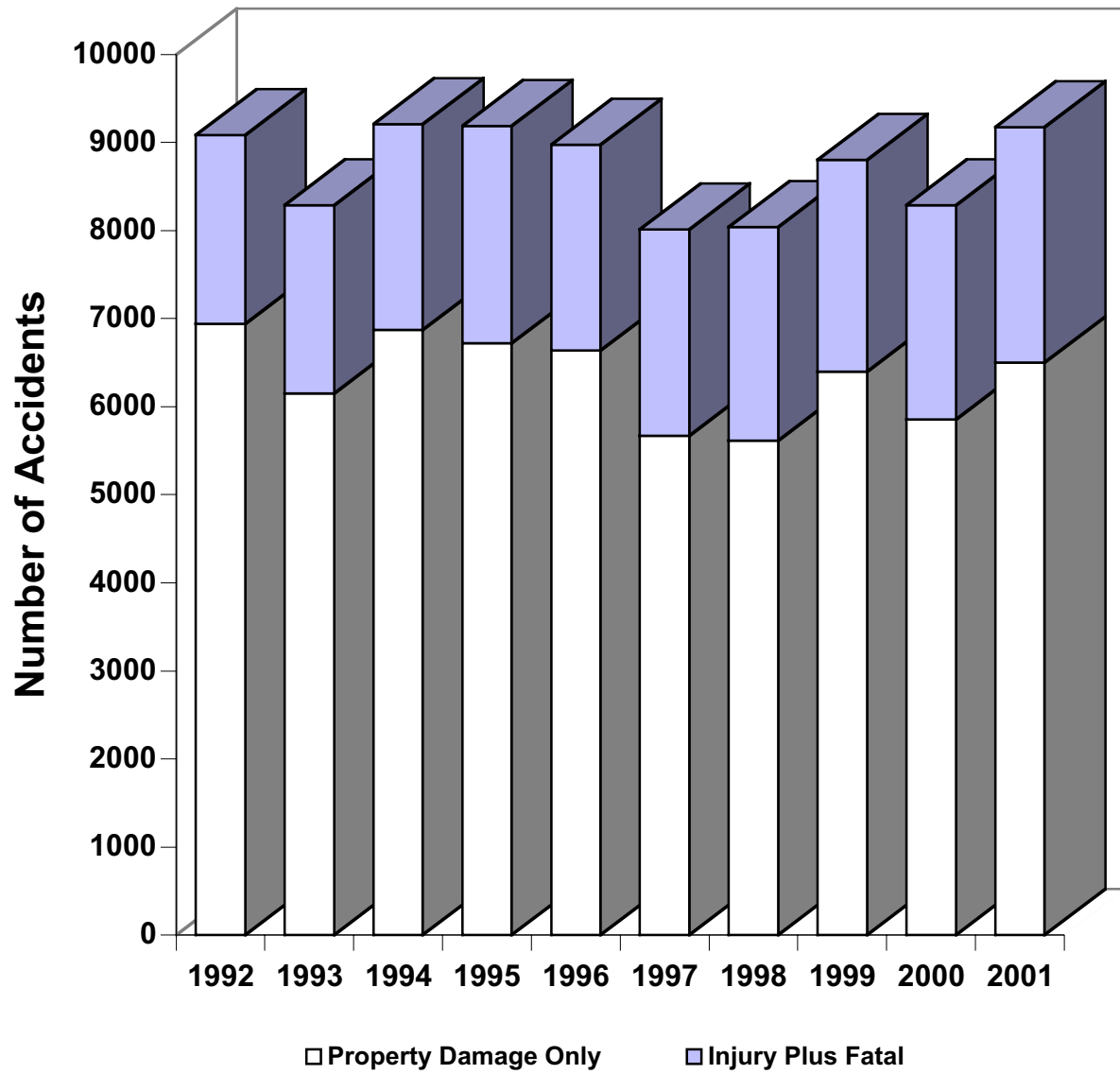


Figure 13
Fairbanks Northstar Borough Traffic Accidents
by Accident Severity
1992-2001

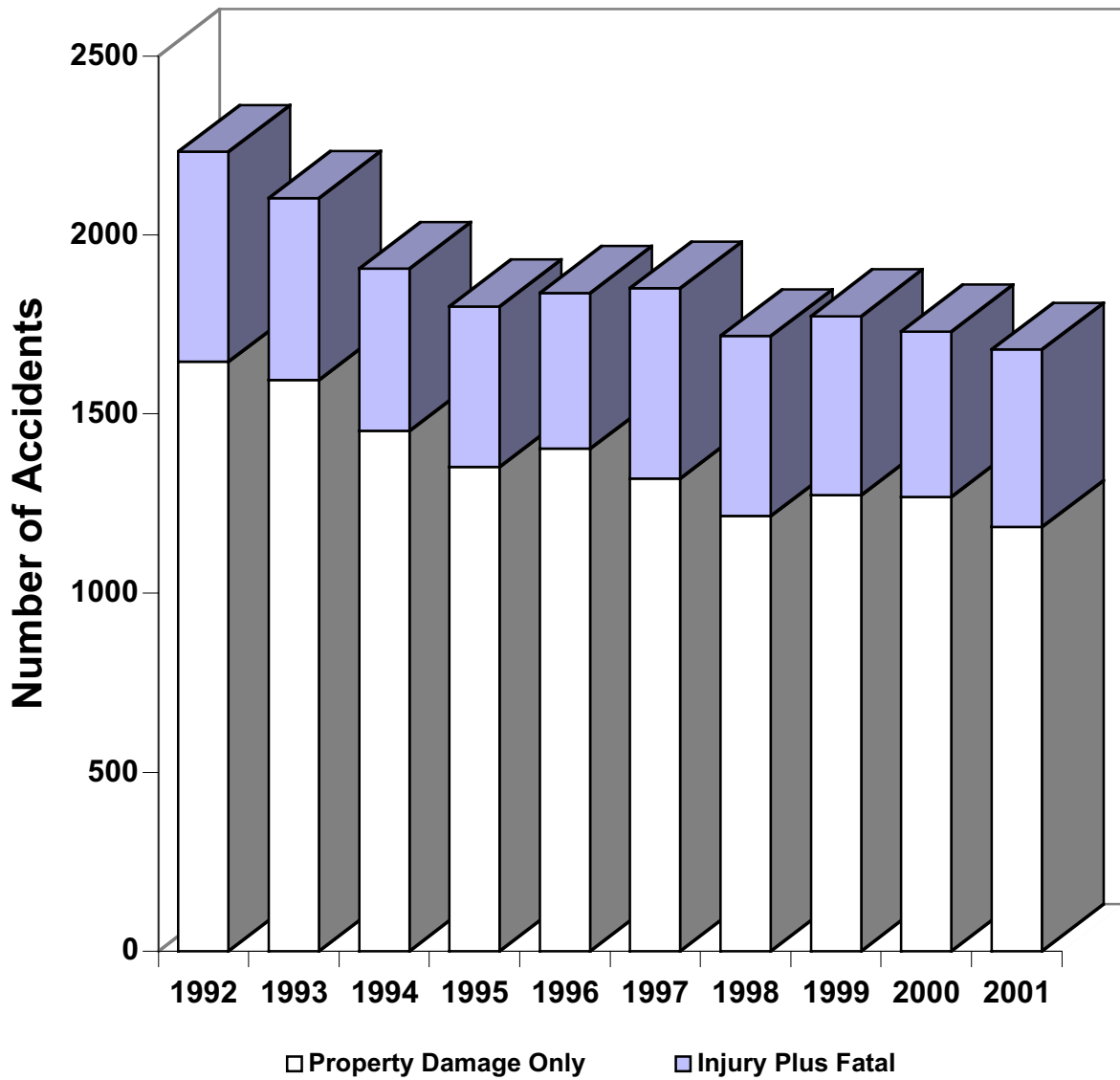
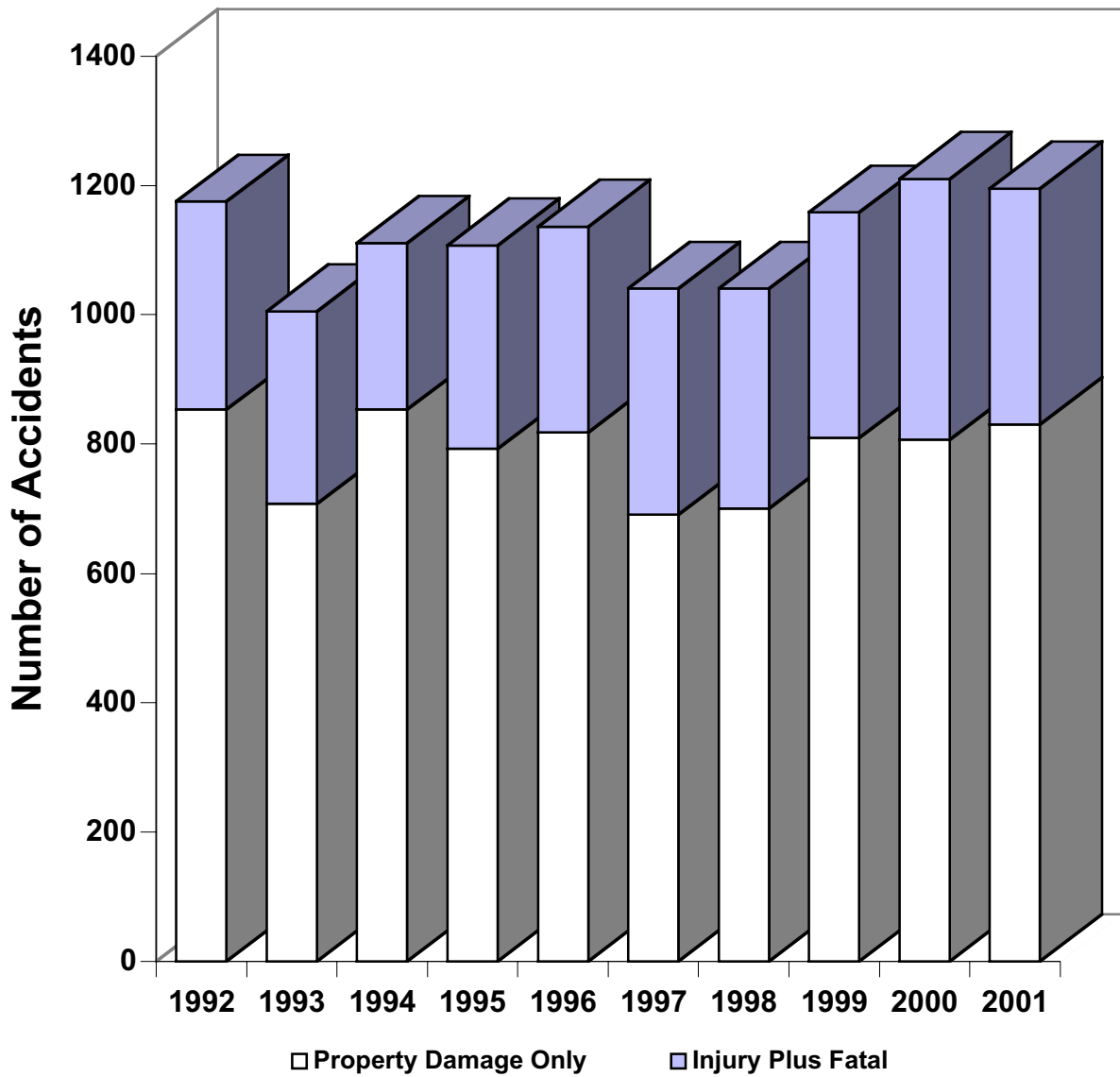
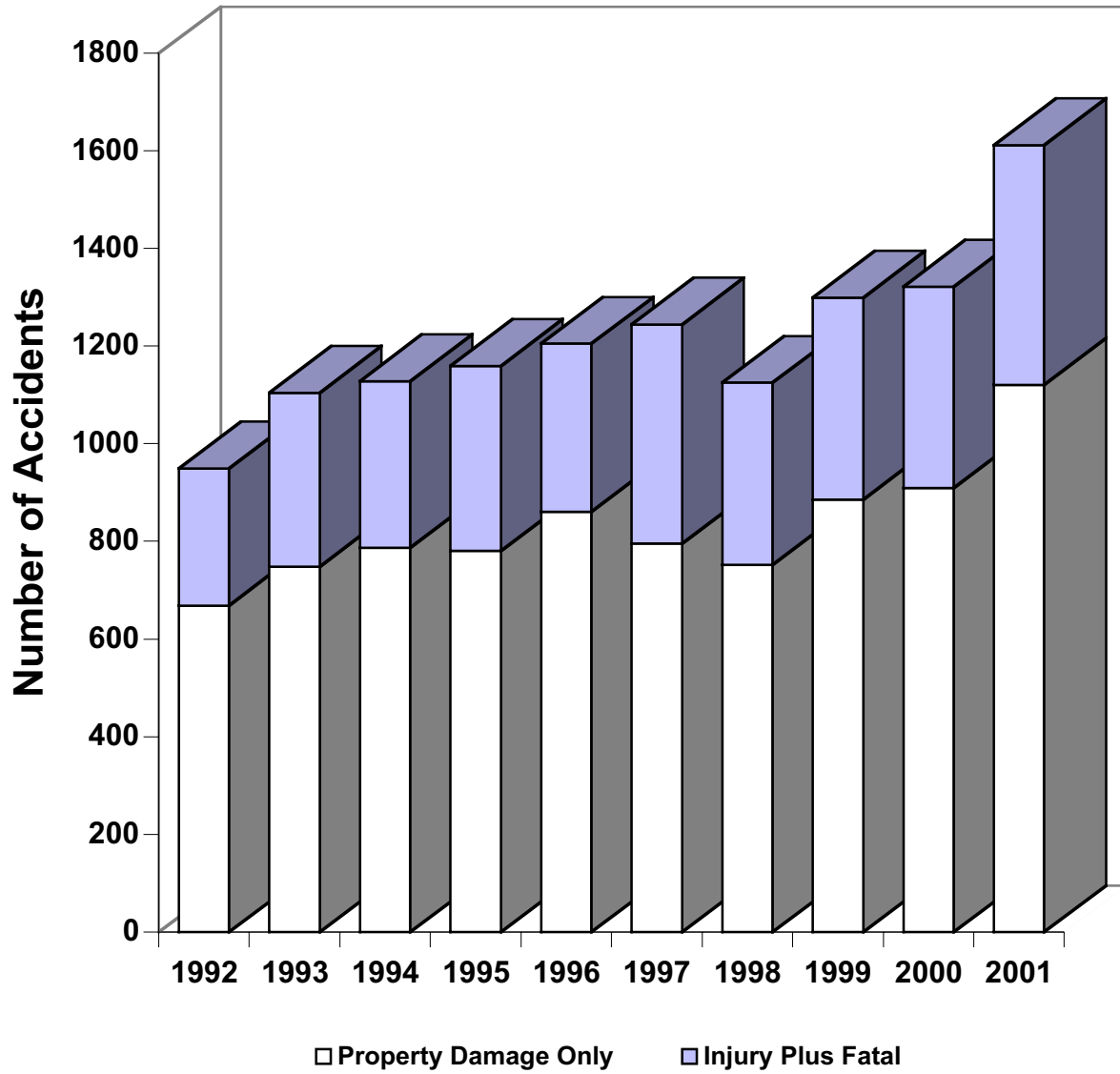


Figure 14
Kenai Peninsula Borough Traffic Accidents
by Accident Severity
1992-2001



**Figure 15
Matanuska-Susitna Borough Traffic Accidents
by Accident Severity
1992-2001**



**Figure 16
Juneau Borough Traffic Accidents
by Accident Severity
1992-2001**

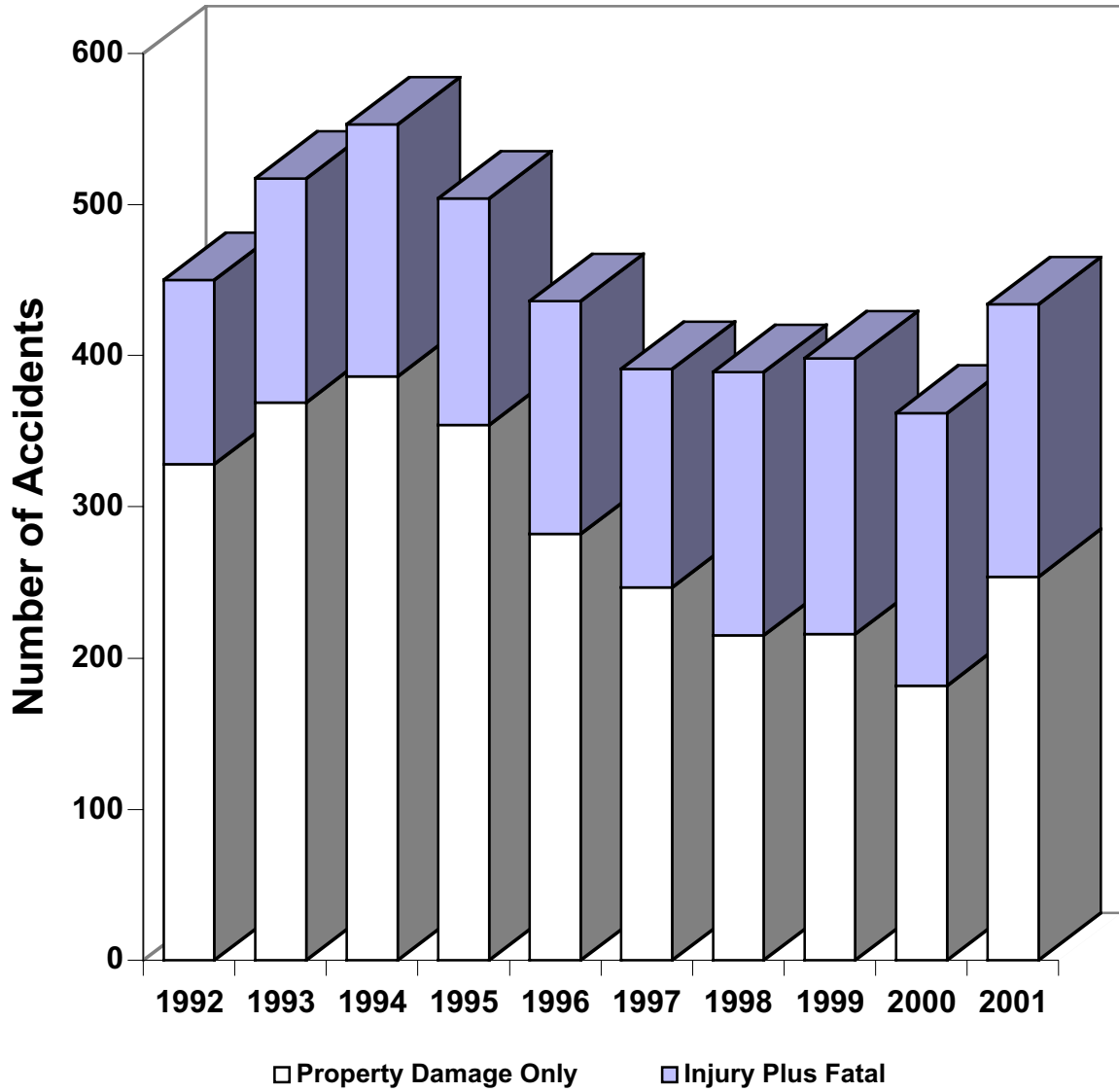
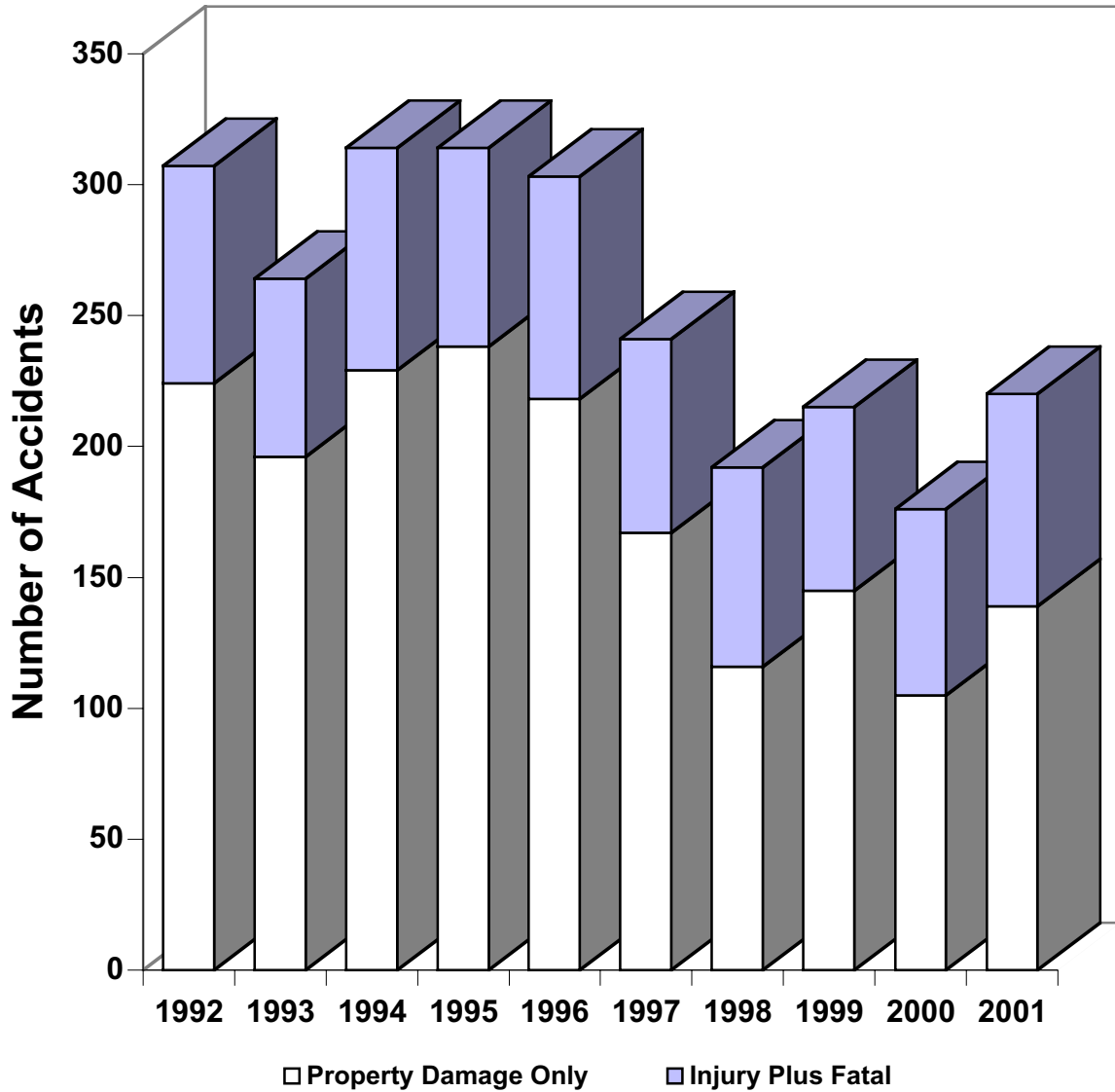
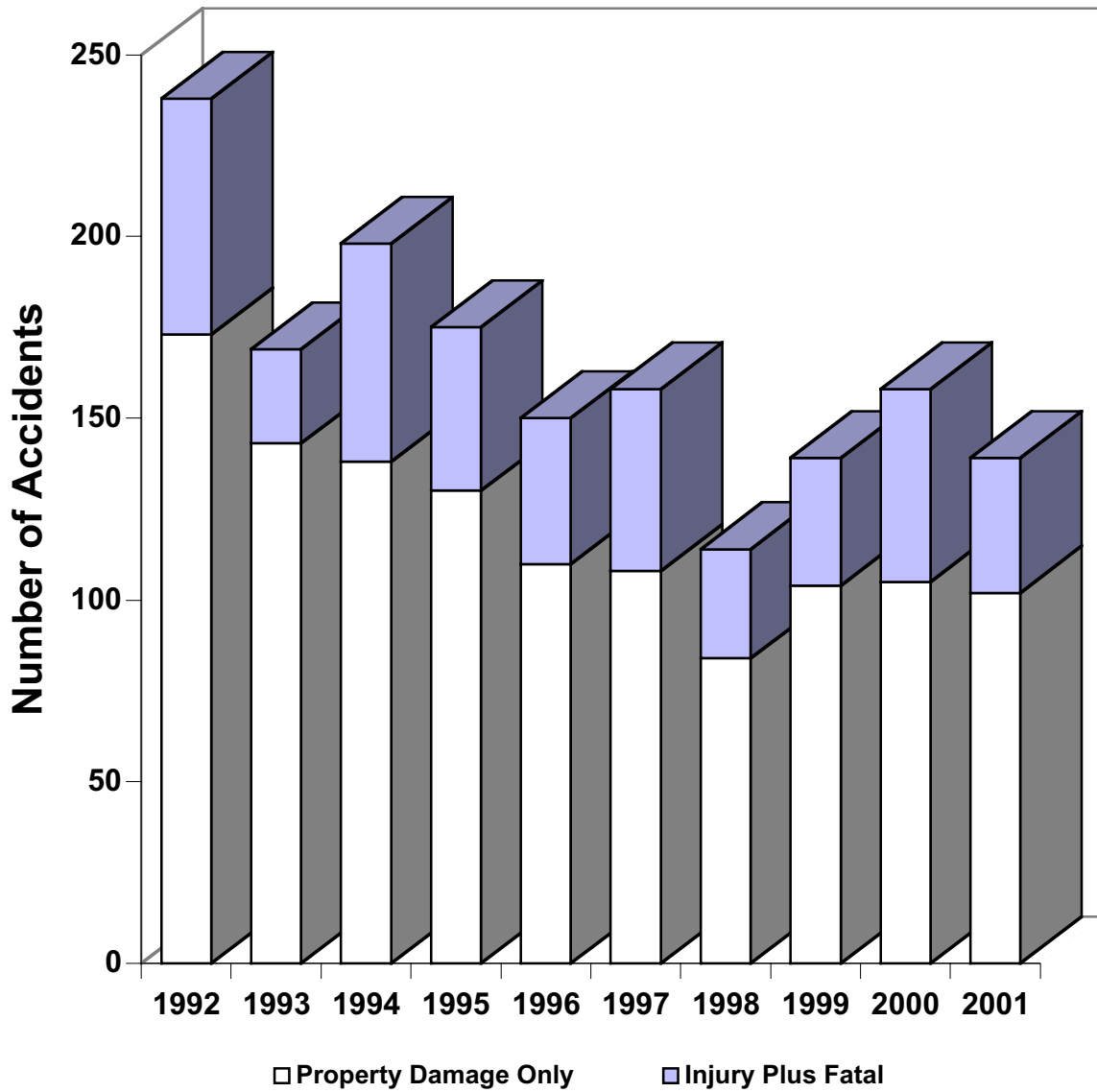


Figure 17
Ketchikan Borough Traffic Accidents
by Accident Severity
1992-2001



**Figure 18
Kodiak Borough Traffic Accidents
by Accident Severity
1992-2001**



**Figure 19
Sitka Borough Traffic Accidents
by Accident Severity
1992-2001**

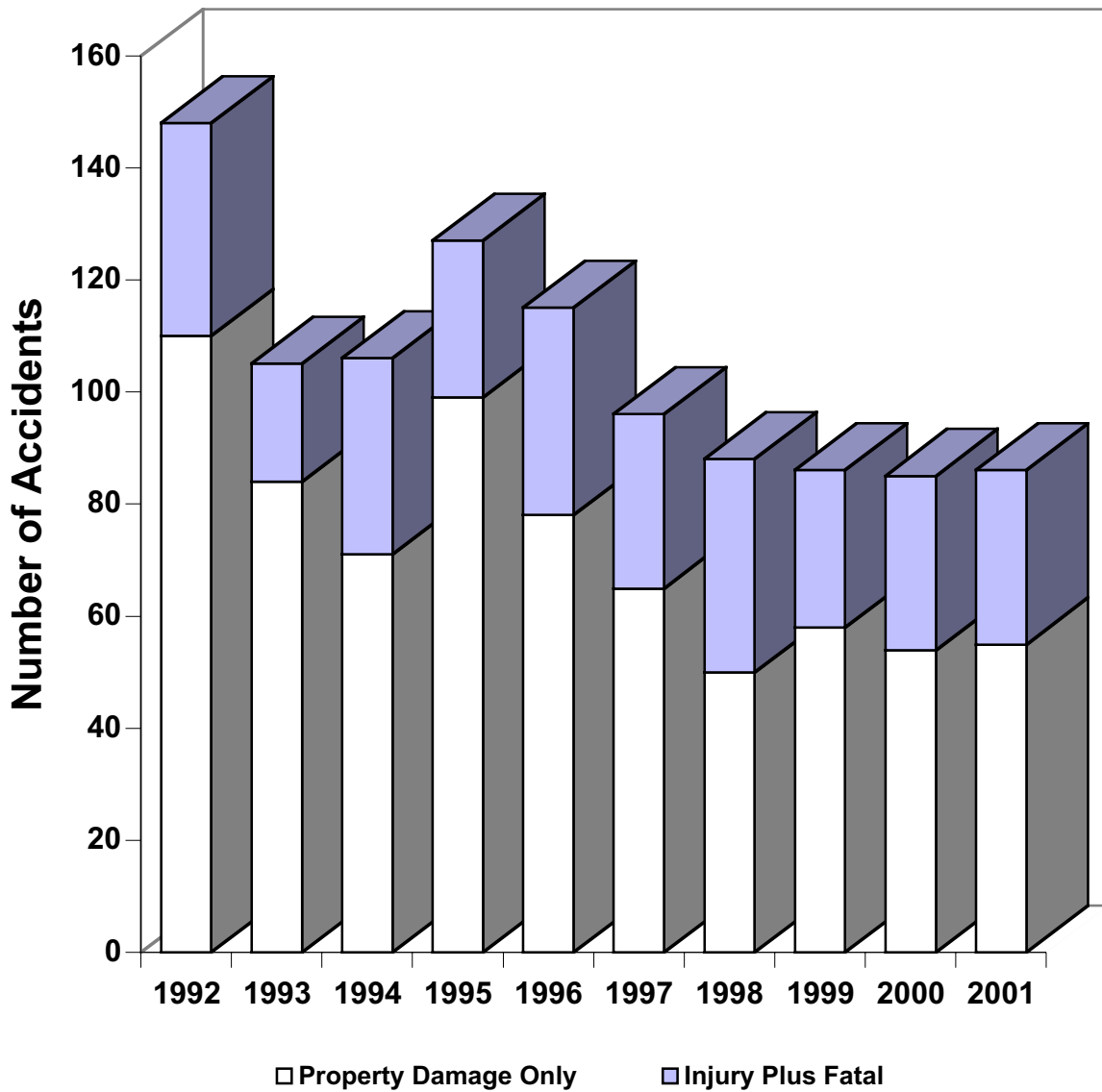
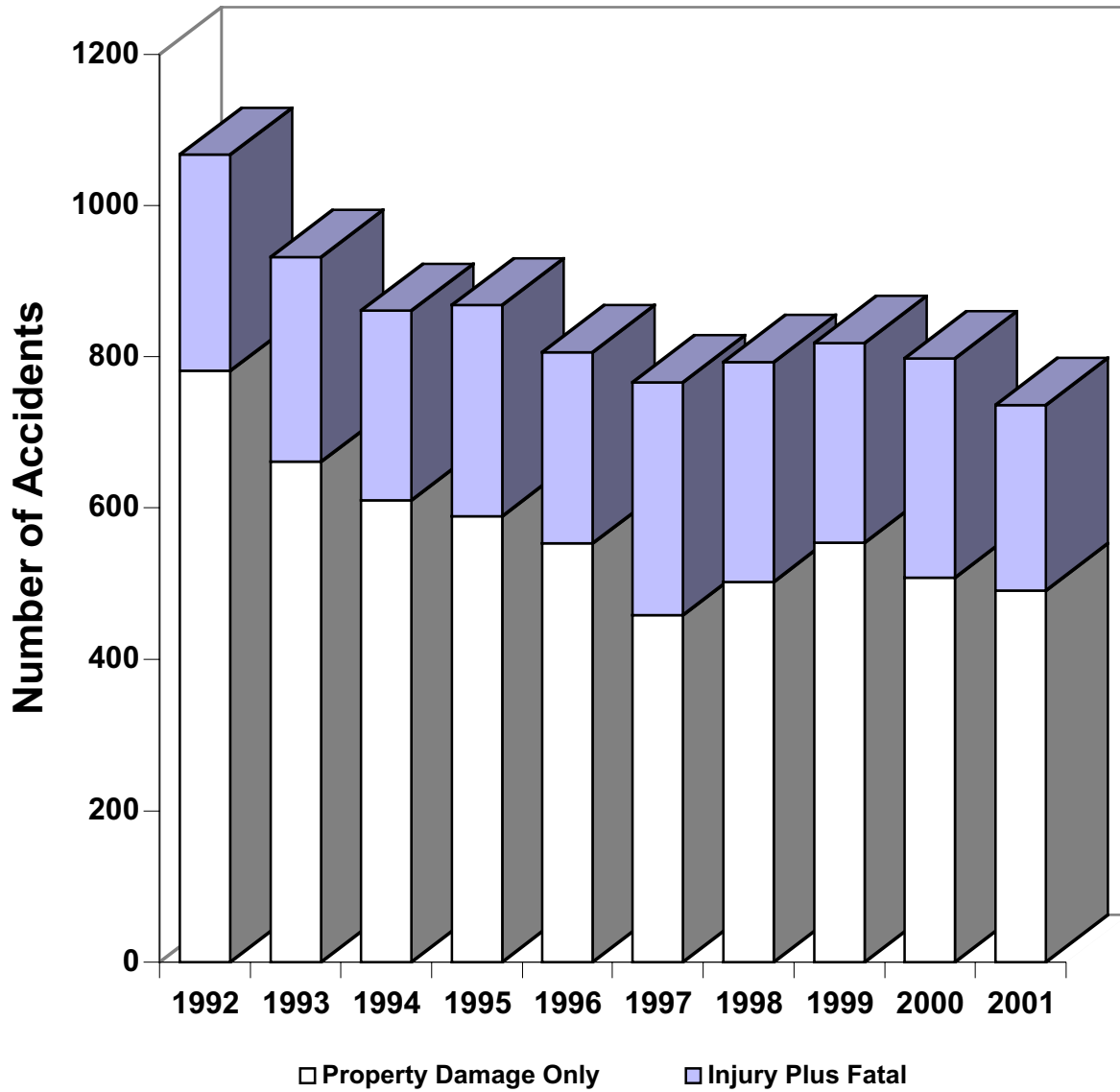


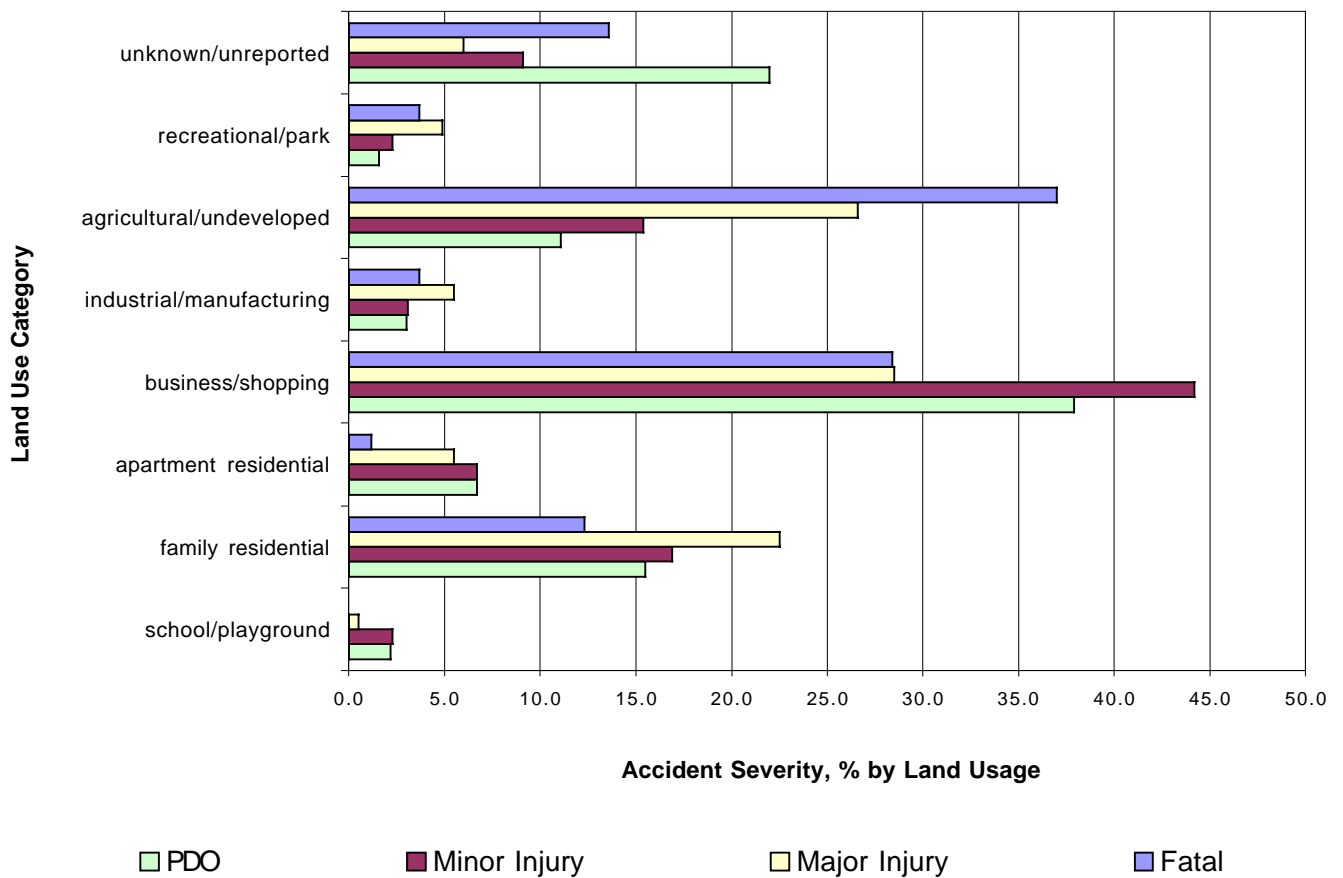
Figure 20
Sparsely Populated Regions
Traffic Accidents by Accident Severity
1992-2001



Land Use at Accident Location

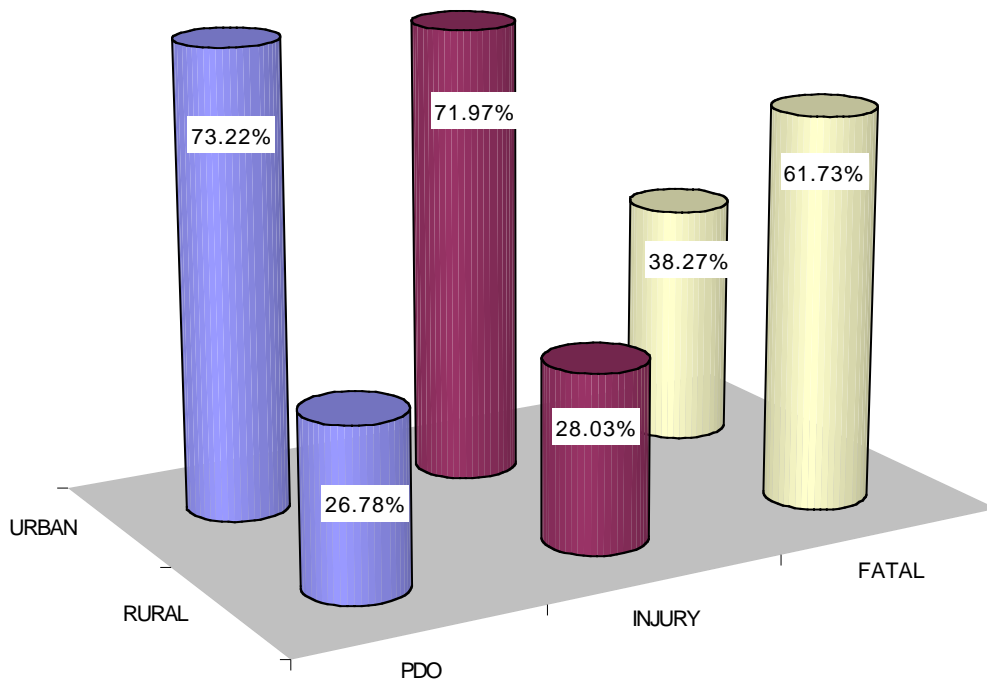
Figure 21A shows land use designation as reported by police at locations of 2001 traffic accidents (Appendix Table A.11.1). Minor injury and PDO accidents occurred most often in business/shopping locations during 2001, while major injury and fatal crashes happened more often in agricultural or undeveloped areas. A lower percentage of fatal crashes occurred in residential areas and a higher percentage occurred in business or shopping districts.

Figure 21A
Land Use at Accident Location
by Accident Severity



In any accident reporting year, over two thirds of all Alaska traffic accidents occur in populated or developed areas. Property damage only and nonfatal injury accidents exhibit the same distribution. In contrast, the distribution of fatal crashes favors rural settings. Figure 21B presents urban and rural distributions for 2001 PDO, nonfatal injury (minor and major injury accidents combined), and fatal traffic accidents (see Appendix Table A.12.1). Sixty-two percent (61.7%) of fatal crashes during 2001 occurred outside of urbanized or small urban areas.

Figure 21B
Urban/Rural Accident Distribution
By Accident Severity



National Highway System Accidents

The National Highway System (NHS) is a Federal-aid system initiated by Congressional legislation. Each state, in coordination with the Federal Highway Administration, has developed a statewide NHS list that incorporates highways of various functional classifications.

Tables 7 through 18 provide the calendar year 2001 accident histories for selected Alaskan NHS routes. Each route consists of individual traffic links (segments of the road network between intersections or significant points of interest). The intersections or points of interest define where traffic volumes are expected to change due to businesses, residential areas, or intersection with traffic corridors. The average annual daily traffic (AADT) estimates are taken from the Highway Analysis System, the Alaska Department of Transportation and Public Facilities integrated highway database. The AADT have not been corrected for multi-axle vehicles or rounded.

Data is provided for the Sterling, Seward, Glenn, Parks, Richardson, and Alaska Highways, and for the Tok Cutoff. The number of property damage only, minor injury, major injury, fatal accidents, and total accidents; the number of collisions with moose; and AADT estimates of traffic volumes are provided for each traffic link.

**Table 7
Sterling Highway NHS 2001 Accidents
Homer – Soldotna**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.00	Jct with Southwest Marine Highway							
	to	4,023	2	2			4	
4.25	Jct with Airport Bypass							
	to	5,889	1				1	
5.31	Jct with Lake Street/Pioneer Avenue							
	to	8,587	3	2			5	
6.05	Jct with Olsen Lane/Bunnell/Main							
	to	6,290	1	1			2	
6.31	Jct with Lake Street/Pioneer Avenue							
	to	7,742						
6.45	Jct with Crittenden Drive							
	to	6,384						
7.36	Jct with West Hill Drive							
	to	3,890	1	1			2	
9.22	Jct with Sterling Loop							
	to	4,660	1		1		2	
9.76	Jct with Sterling Loop							
	to	3,520	2	2			4	
11.64	Jct with Diamond Ridge/Olsen Mnt Rd							
	to	3,230	4	6			10	3
13.89	Jct with Old Sterling Highway							
	to	3,992		3			3	
14.37	Jct with North Anchor Point Road							
	to	2,830	8	2			10	4
21.50	Jct with Old Sterling Highway							
	to	3,580	1				1	
21.72	Jct with Milo Fritz Road							
	to	2,485	2	3	2		7	1
26.30	Jct with Staritski Loop Road							
	to	2,350	6	6			12	4
40.10	Jct with Deep Creek Road							
	to	3,180	2				2	1
42.48	Jct with Niniichik Village Road							
	to	2,080	5	4			9	6
50.18	Jct with Sterling Lane							
	to	2,450	5	3	1		9	3
59.37	Jct with Clam Gulch Road							
	to	3,203	5	1			6	4
62.62	Jct with Cohoe Road							
	to	2,970	3	4			7	3
65.47	Jct with Cohoe Road							
	to	4,912	8	1			9	1
67.50	Jct with Pollards Place							
	to	3,288	12	4	1	1	18	6
73.84	Jct with Reflection Lake Road							
	to	4,280	4	2			6	2
75.52	Jct with Arc Loop Road							

**Table 8
Sterling Highway NHS 2001 Accidents
Soldotna - Seward Highway**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
75.52	Jct with Arc Loop Road							
	to	5,590	12	3	3		18	5
79.76	Jct with Kalifornsky Beach Road							
	to	15,300	6	2			8	
80.17	Jct with South Kobuk Street							
	to	18,940	9	4			13	
80.48	Jct with Binkley Street							
	to	16,300	9	9	1		19	
80.70	Jct with South Birch Lane							
	to	14,874	9	5			14	
81.03	Jct with Kenai Spur Road							
	to	12,900	6	4			10	1
82.50	Jct with Mackeys Lakes Road							
	to	10,441	12	4		1	17	12
85.38	Jct with Forest Lane Road							
	to	7,731	12		1		13	5
87.54	Jct with Robinson Loop Road							
	to	6,150	5	6		1	12	4
91.16	Jct with Robinson Loop Road							
	to	6,184	1	1			2	
92.56	Moose River							
	to	3,482	4	1			5	2
95.37	Jct with Kenai Keys Road							
	to	3,350	2	1			3	
99.26	Jct with Skilak Lake Road							
	to	2,628	29	8	1	1	39	12
116.47	Jct with Skilak Lake Road							
	to	2,770	9	1	1		11	3
119.10	Sportsmans Lodge							
	to	2,710	9	4			13	1
122.74	Unknown Feature							
	to	3,050	7	3	4		14	1
127.04	Jct with Snug Harbor Road							
	to	3,131	8	6			14	
130.07	Jct with Quartz Creek Road							
	to	2,917	11	4			15	1
137.60	Jct with Sterling Wye							
	to	1,404	2	3	2		7	
138.18	Jct with Seward Highway							
TOTAL	Sterling Highway		238	116	18	4	376	85

**Table 9
Seward Highway NHS 2001 Accidents
Seward - South Anchorage**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.000	Jct with Lowell Point Road							
	to	3,790	1	1			2	1
0.645	Jct with A Street							
	to	6,940	1				1	
1.422	Jct with Dock Road							
	to	8,760	2	1	1		4	
3.265	Jct with Nash Road							
	to	6,090	1	4			5	
3.769	Jct with Resurrection River Road							
	to	4,249	3		2		5	
6.660	Jct with Bear Lake Road							
	to	2,610	10	5	2		17	
16.979	Jct with Primrose Spur							
	to	1,700	12	4			16	2
28.920	Jct with Moose Pass Station Road							
	to	1,670	2	1	1		4	
32.343	Johnson Pass Trail							
	to	1,640	3	1			4	
36.497	Jct with Sterling Highway							
	to	2,650						
37.108	Jct with Sterling Wye							
	to	3,307	8	7			15	5
45.372	Summit Lake Lodge							
	to	4,090	16	4		1	21	3
55.728	Jct with Hope Road							
	to	3,880	13	8		1	22	2
67.446	Turnagain Pass							
	to	4,050	17	2	2	1	22	1
74.459	Northwest of Ingram Creek							
	to	3,702	3	4			7	2
78.032	Jct with Portage Glacier Road							
	to	4,878	4				4	1
79.613	Whittier Ferry Train Stop							
	to	5,440	11	2			13	1
89.300	Jct with Alyeska Road							
	to	7,495	10	6	2		18	
99.995	Jct with Bird Creek Sawmill Road							
	to	7,604	3	2			5	
103.035	Jct with Indian Road							
	to	7,820	13	8	3	1	25	
110.854	Jct with McHugh Creek Campground							
	to	10,150	10	7			17	1
114.457	Jct with Old Seward Highway							
	to	8,309	1	3		1	5	1
117.205	Jct with Rabbit Creek Road							
	to	12,920	1				1	1
117.690	Jct with De Armoun Overcrossing							

Table 10
Seward Highway NHS 2001 Accidents
South Anchorage

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
117.690	Jct with De Armoun Overcrossing							
	to	20,772	7	4			11	
118.717	Jct with Huffman Undercrossing							
	to	25,146	7	2		1	10	1
119.746	Jct with O'Malley Undercrossing							
	to	36,453	33	10	1		44	5
121.499	Jct with Seward-Dimond SB Ramp							
	to	57,929	11	2			13	2
121.974	Jct with Seward-76th Ave SB Ramp							
	to	60,850	15	7			22	1
122.529	Jct with Seward-Dowling NB Ramp							
	to	59,827	29	8			37	1
123.537	Jct with Seward-Tudor NB Ramp							
	to	52,195	48	21	2		71	1
124.324	Jct with 36th Avenue							
	to	48,046	32	19			51	
124.709	Jct with Benson Boulevard							
	to	51,487	21	10		1	32	
124.839	Jct with Northern Lights Boulevard							
	to	51,573	33	13			46	
125.020	Jct with Fireweed Lane							
	to	56,360	6	1			7	
125.290	Jct with Ingra Street							
	to							
TOTAL	Seward Highway		387	167	16	7	577	32

**Table 11
Glennallen Highway NHS 2001 Accidents
Anchorage - Palmer**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.000	Jct with Airport Heights Drive							
	to	37,674	42	23			65	
0.665	Jct with Bragaw Street							
	to	42,544	19	6			25	
1.705	Boniface Overpass							
	to	46,148	10	8			18	3
2.323	Jct with Turpin Street							
	to	47,403	19	13			32	3
3.240	Jct with Muldoon-Glenn EB Ramp							
	to	55,413	26	7	2		35	3
4.850	Jct with Glenn-Arctic Valley Ramp							
	to	53,200	31	10	1		42	4
6.570	Jct with Ft Rich-Glenn NB Ramp							
	to	48,066	40	16	1	1	58	8
10.140	Jct with Glenn-Hiland NB Ramp							
	to	39,880	36	16		1	53	6
11.945	Jct with Glenn-Artillery NB Ramp							
	to	26,330	17	3			20	4
13.965	North Eagle River Road Overpass							
	to	29,390	23	9	1		33	3
15.947	South Birchwood Loop Underpass							
	to	32,820	31	10	1		42	6
19.373	North Birchwood Loop Overpass							
	to	26,740	11	7	1		19	4
20.412	South Peters Creek Road Underpass							
	to	25,720	5	3			8	2
21.435	North Peters Creek Overpass							
	to	23,959	20	13	1		34	4
24.735	Eklutna Overpass							
	to	23,079	14	11		2	27	5
28.257	Old Glenn Highway Overpass							
	to	22,411	37	20	2		59	8
34.085	Jct with Parks Highway							
	to	8,715	14	6	2		22	5
39.195	Jct with Springer Inner Loop							
	to	11,510	1	2			3	
39.635	Jct with South Colony Way							
	to	10,570	6	2			8	
40.250	Jct with Palmer/Wasilla Highway							
	to	10,528	3	3			6	
40.770	Jct with Old Glenn at Palmer							
	to	8,351		1			1	
41.020	Jct with Scott Road							
	to	7,680	1	3	1		5	
42.265	Jct with Fishhook/Willow Road							

Table 12
Glennallen Highway NHS 2001 Accidents
Palmer - Richardson Highway

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
42.265	Jct with Fishhook/Willow Road							
	to	3,880	3				3	1
43.565	Jct with Farm Loop Road							
	to	2,557	9	5	1		15	6
53.655	Jct with Jonesville Road							
	to	2,070	11	5	3	1	20	4
70.585	Jct with Chickaloon Branch Road							
	to	1,369	11	2		1	14	3
87.215	Jct with Victory Bible Camp Road							
	to	1560	5	5			10	4
99.040	Caribou Creek							
	to	1,130	6	5	2		13	2
110.255	Northern Region Boundary							
	to	774	1	2			3	
119.866	Eureka Lodge							
	to	774		1			1	
129.940	Jct with Nelchina DOT Maint Stat Rd							
	to	858	2				2	
151.239	Jct with Lake Louise Road							
	to	746	2	1			3	
163.958	Tolsona Creek							
	to	982						
172.136	Milepost 181							
	to	1,313	2		1		3	
178.447	Jct with Aurora School Road							
	to	1,856						
180.240	Jct with Richardson Highway							
TOTAL	Glenallen Highway		356	212	8	6	592	67

**Table 13
Parks Highway NHS 2001 Accidents
Glennallen Highway - Talkeetna**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.000	Jct with Glenn Highway							
	to	19,250	6				6	
0.380	Jct with Matanuska Truck							
	to	18,886	11	2	1		14	2
2.580	Jct with Gershen Loop & Hyer Road							
	to	20,260	4	1			5	
2.750	Jct with Fairview Loop Road							
	to	17,353	27	10	2		39	3
4.160	Jct with Seward Meridian Road							
	to	19,487	28	11	1		40	1
5.890	Jct with Palmer/Wasilla Highway							
	to	31,947	35	8			43	
6.610	Jct with Crusey Street							
	to	33,000	32	8	3		43	
7.000	Jct with Goose Bay/Knik Road							
	to	15,850	8	1			9	
7.440	Jct with Airport Drive							
	to	20,406	12	5		1	18	
8.330	Jct with Lucas Road							
	to	16,130	6	2			8	
9.340	Jct with Church Road							
	to	16,185	19	15	5	2	41	9
13.560	Jct with Pittman Road							
	to	9,390	13	9	1	2	25	5
17.110	Jct with Big Lake Road							
	to	5,573	9	7			16	2
21.840	Little Susitna River							
	to	3,490	20	4	2		26	9
32.060	Jct with Nancy Lake Access Road							
	to	3,490	3			1	4	1
33.970	Jct with Long Lake Road							
	to	3,910						
34.450	Jct with Old Willow Road							
	to	3,203	1	1			2	
36.020	Jct with Flshook/Willow Road							
	to	2,664	8	1	1	1	11	1
39.510	Little Willow Creek							
	to	2,654	6	3			9	3
45.760	Milepost 81							
	to	2,820	2	1			3	
47.920	Kashwitna River							
	to	2,602	8	5			13	2
53.450	Sheep Creek							
	to	2,490	10	4			14	1
61.160	Montona Creek							
	to	2,860	3				3	1
63.320	Jct with Talkeetna Road							

**Table 14
Parks Highway NHS 2001 Accidents
Talkeetna - Richardson Highway**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
63.32	Jct with Talkeetna Road							
	to	1,620	7	3	1		11	2
68.75	Susitna River							
	to	1,500	7		1	1	9	3
79.57	Jct with Petersville Road							
	to	1,404	2			1	3	1
81.78	Milepost 117							
	to	1,126	7	3			10	2
97.51	Chulitna River							
	to	1,230	4	3	1		8	
111.80	Jct with Byers Lake Wayside Road							
	to	1,150	10	1			11	2
128.03	Little Coal Creek							
	to	1,139	3	3	2		8	1
149.82	East Fork Chulitna River							
	to	1,324	8	5			13	2
174.50	Jct with Denali Highway							
	to	1,841	9	2	1		12	
201.72	Jct with Denali National Park Road							
	to	2,811	7	4	1	1	13	3
213.23	Jct with Healy Road							
	to	1,569	3	4			7	1
240.25	Nenana River at Rex							
	to	1,410						
247.922	Jct with Anderson Road							
	to	1,558	6	4			10	6
273.079	Chevron Station 2nd Entrance							
	to	1,746	11	10	1	1	23	
305.873	Jct with Old Nenana Highway/Ester W							
	to	2,152	5	4			9	2
313.517	Jct with Old Nenana Highway/Ester E							
	to	5,127	3				3	
314.297	Jct with Gold Hill Road							
	to	5,234	4	4			8	1
317.571	Jct with Sheep Creek Road							
	to	8,326	1		1		2	1
318.509	Jct with Chena Ridge Road/Geist Road							
	to	13,426	1				1	
319.219	Chena River Bridge							
	to	9,657	4	3	1		8	
320.577	Jct with University Avenue South							
	to	12,364	1	4		1	6	1
321.767	Jct with Peger Road							
	to	13,040	7	4			11	
322.709	Jct with West Cowles/Lathrop Street							
	to	15,387	2	1			3	
323.680	Jct with Richardson Hwy Ramps							
	to							
TOTAL	Parks Highway		383	160	26	12	581	68

**Table 15
Richardson Highway NHS 2001 Accidents
Valdez - Alaska Highway**

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.000	Meals Avenue/Egan Drive							
	to	5,420	3				3	
2.203	Jct with Mineral Creek Loop							
	to	5,295	2		2		4	
3.426	Jct with Mineral Creek Loop							
	to	3,627	5			1	6	
6.746	Jct with Dayville Road							
	to	1,158	2	2			4	
20.277	Lowe River Upper Cross							
	to	455	7	2			9	1
69.122	Little Tonsina River Campground							
	to	700		1			1	
86.533	Jct with Edgerton Hwy/McCarthy Rd							
	to	837	2				2	
95.286	Jct with Old Edgerton Loop Road							
	to	1,050	4	1			5	
109.790	Jct w/ Old Rich Hwy Loop(Copper Cntr)							
	to	2,255	4	2			6	
117.588	Jct with Glennallen Highway							
	to	976	2				2	
131.591	Jct with Tok Cutoff Highway							
	to	579	1				1	
150.543	Sourdough Creek							
	to	614	1	2	2	1	6	1
188.283	Jct with Denali Highway							
	to	547	3				3	
203.241	Jct with Fielding Lake Road							
	to	300	3				3	1
227.630	Jct with White Alice/Black Rapids Rd							
	to	409	10	3		1	14	3
263.883	Jct with Fort Greely Access Road							
	to	890						
268.673	Jct with Alaska Highway (mp 198.00)							
TOTAL	Valdez - Delta Junction		49	13	4	3	69	6

Table 16
Richardson Highway NHS 2001 Accidents
Alaska Highway - Airport Way

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
268.673	Jct with Alaska Highway							
	to	2,921						
269.093	Delta Fire Guard Station							
	to	2,315	2				2	1
271.006	Jct with Jack Warren							
	to	1,236	4	3			7	2
289.015	Shaw Creek							
	to	1,016	11	5			16	5
307.937	Jct with Lost Lake Road							
	to	866	5	6		1	12	5
320.716	Jct with Salcha Drive							
	to	1,325	2				2	2
329.796	Jct with Balch Way							
	to	2,581	6	5			11	2
345.559	Jct with Old Rich Hwy (Eielson)							
	to	8,985	8	4			12	2
347.821	Jct with Laurance Road							
	to	11,375	5				5	
350.441	Jct with Badger Loop Road Overpass							
	to	11,218	4	3	1		8	2
352.152	Jct with Old Rich Hwy (North Pole)							
	to	15,053	14	10			24	6
358.007	Jct with Badger Loop Road							
	to	22,812	10	7	1	1	19	3
361.878	Jct with Parks-Richardson EB Ramp							
	to	18,091	16	1			17	
362.990	Jct with Steese Hwy/Airport Way							
TOTAL	Delta Junction - Fairbanks		87	44	2	2	135	30
TOTAL	Valdez - Delta Junction		49	13	4	3	69	6
TOTAL	Richardson Highway (Valdez-Fbx)		136	57	6	5	204	36

Table 17
Alaska Highway NHS 2001 Accidents
Alaska/Canadian Border - Richardson Highway

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.000	Alaska/Canadian Border							
	to	441	5	3			8	
41.127	Jct with Northway Road							
	to	792	3	1			4	1
77.654	Jct with Taylor Highway							
	to	942		1			1	
85.314	Jct with Tok River							
	to	1,058	2			1	3	
90.136	Jct with Tok Cutoff Highway							
	to	3,040	1	1			2	
101.729	Jct with New Tanacross							
	to	469	4	1			5	1
156.058	Johnson River							
	to	608	3	1			4	3
190.340	Jct with Clearwater Rd							
	to	911	1				1	1
195.638	Jct with Triple H Road							
	to	1,146	1	1			2	2
196.795	Jct with South Clearwater Avenue							
	to	1,175						
198.000	Jct with Richardson Highway							
TOTAL	ALCAN Border - Richardson Hwy		20	9	0	1	30	8

Table 18
Tok Cutoff NHS 2001 Accidents
Richardson Highway - Alaska Highway

MILEAGE	FEATURE	ADT	NUMBER OF ACCIDENTS					
			PDO	Minor Injury	Major Injury	Fatal	Total	Moose
0.000	Jct with Richardson Highway							
	to	704						
2.613	Postoffice Entrance 1							
	to	450	2	1		3		
17.529	Tulsona Creek							
	to	417	2	3		5	1	
58.786	Jct with Nabesna Road							
	to	437	1			1		
79.699	Jct with Mentasta Spur Road							
	to	438		1		1		
96.015	Jct with Old Tok Cutoff							
	to	1,050	3	1		4	1	
121.079	Tok Highway Maintenance Station							
	to	1,066						
121.930	Jct with Alaska Highway							
TOTAL	Richardson Hwy - Alaska Hwy		8	6	0	0	14	2

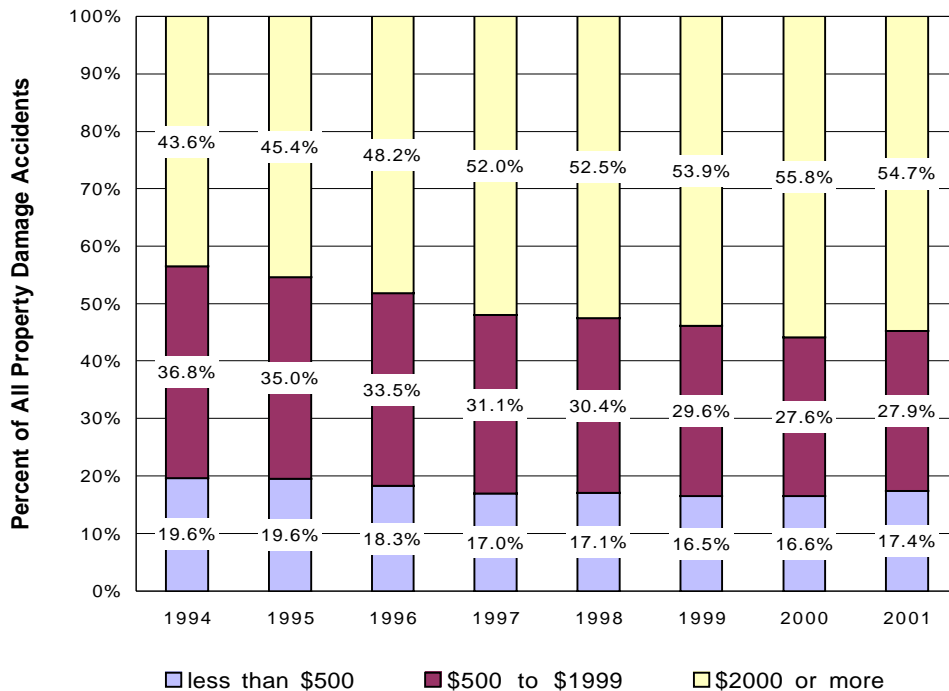
Reporting Property Damage Only Accidents

The percentage of PDO accidents with high damage valuations increased annually between 1994 and 2000, matched by decreases in the percentages of PDO accidents at mid and low valuations. In 2001, the percentage of PDO accidents having damage valuations greater than \$2000 decreased for the first time. Figure 22 shows this trend. Damage valuation includes costs of damage to vehicles as well as costs of damage to other property.

A number of factors may influence these trends. Alaska Statute 28.35.080 (as revised effective July 1996) raised accident reporting requirements from \$500 to \$2000 while AS28.22.021 continued to require participants to provide proof of liability insurance coverage whenever total accident damages exceeded \$501. Other factors influencing this trend in traffic accident damage valuations are the inflationary pressures on replacement costs for vehicles and non-vehicular property such guardrails and fences, and differences in methodologies used by police, owners, and data processing staff to estimate vehicle repair costs.

Beginning with the 2002 accident reporting year, new police and participant reporting forms will be used. Data captured in the HAS database will no longer include dollar estimates for vehicle and property damage. Instead, damage will be tracked only by the existence of vehicle damage (if \$501 or more) and by the existence of non-vehicular property damage.

Figure 22
Property Damage Only,
Accident Valuations by Year



Roadway Configuration

Table 19 presents accident rates (accidents per 100 million vehicle miles traveled) by roadway category. Roadway categories are based on combinations of urban/rural location, presence of medians dividing opposing traffic, and functional class. Accidents include all severity classes. Divided interstates and expressways, where opposing lanes of travel are physically separated by median strips or physical barriers, are generally the safest roadways. In 2001, divided rural interstates had the lowest accident rates. Accidents were more likely to occur on undivided urban roadways.

**Table 19. Alaska Statewide Accident Rates
by Roadway Category, 2001.**

Roadway Character	Accidents per 100 million VMT
Undivided Urban & Rural Interstate	1.361
Divided Rural Interstate	0.906
Divided Urban Interstate and Other Freeway & Expressway	1.368
Divided or Undivided Rural Arterial, Either Principal or Minor	1.278
Divided and Undivided Rural Collector And Local Major and Minor Collectors	1.532
Undivided Urban Arterial – Principal or Minor Urban Arterial, Two Way Traffic	2.907
Undivided Urban Arterial – Principal or Minor Urban Arterial, One Way Traffic	3.909
Divided Urban Arterial – Principal or Minor Urban Arterial	2.156
Divided or Undivided Urban Collector And Local Roads	3.463

2001 ALASKA TRAFFIC ACCIDENTS

**APPENDIX
(STATISTICAL TABLES AND GLOSSARY)**

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A. TIME AND LOCATION

Table A.1.1
2001 Alaska Traffic Accidents
by Month and Accident Severity

MONTH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
January	1,111	390	32	11	1,544
February	1,065	358	25	6	1,454
March	841	281	25	8	1,155
April	502	217	33	4	756
May	672	297	34	3	1,006
June	685	379	41	11	1,116
July	635	318	36	8	997
August	687	369	47	7	1,110
September	698	327	26	5	1,056
October	1,241	417	28	5	1,691
November	975	345	21	6	1,347
December	1,558	460	17	6	2,041
ALL YEAR	10,670	4,158	365	80	15,273

Table A.1.2
2001 Alaska Traffic Accidents
Percent by Month and Accident Severity

MONTH	PERCENT BY MONTH				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
January	10.4	9.4	8.8	13.8	10.1
February	10.0	8.6	6.8	7.5	9.5
March	7.9	6.8	6.8	10.0	7.6
April	4.7	5.2	9.0	5.0	4.9
May	6.3	7.1	9.3	3.8	6.6
June	6.4	9.1	11.2	13.8	7.3
July	6.0	7.6	9.9	10.0	6.5
August	6.4	8.9	12.9	8.8	7.3
September	6.5	7.9	7.1	6.3	6.9
October	11.6	10.0	7.7	6.3	11.1
November	9.1	8.3	5.8	7.5	8.8
December	14.6	11.1	4.7	7.5	13.4
ALL YEAR	100.0	100.0	100.0	100.0	100.0

Table A.1.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Month

MONTH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
January	72.0	25.3	2.1	0.7	100.0
February	73.2	24.6	1.7	0.4	100.0
March	72.8	24.3	2.2	0.7	100.0
April	66.4	28.7	4.4	0.5	100.0
May	66.8	29.5	3.4	0.3	100.0
June	61.4	34.0	3.7	1.0	100.0
July	63.7	31.9	3.6	0.8	100.0
August	61.9	33.2	4.2	0.6	100.0
September	66.1	31.0	2.5	0.5	100.0
October	73.4	24.7	1.7	0.3	100.0
November	72.4	25.6	1.6	0.4	100.0
December	76.3	22.5	0.8	0.3	100.0
ALL YEAR	69.9	27.2	2.4	0.5	100.0

Table A.2.1
2001 Alaska Traffic Accidents
by Day of Week and Accident Severity

DAY OF WEEK	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Friday	1,881	688	51	7	2,627
Saturday	1,401	620	55	18	2,094
Sunday	1,102	449	54	20	1,625
Monday	1,461	622	54	9	2,146
Tuesday	1,596	575	45	12	2,228
Wednesday	1,590	576	55	5	2,226
Thursday	1,639	628	51	9	2,327
ALL WEEK	10,670	4,158	365	80	15,273

Table A.2.2
2001 Alaska Traffic Accidents
Percent by Day of Week and Accident Severity

DAY OF WEEK	PERCENT BY DAY OF WEEK				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Friday	17.6	16.5	14.0	8.8	17.2
Saturday	13.1	14.9	15.1	22.5	13.7
Sunday	10.3	10.8	14.8	25.0	10.6
Monday	13.7	15.0	14.8	11.3	14.1
Tuesday	15.0	13.8	12.3	15.0	14.6
Wednesday	14.9	13.9	15.1	6.3	14.6
Thursday	15.4	15.1	14.0	11.3	15.2
ALL WEEK	100.0	100.0	100.0	100.0	100.0

Table A.2.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Day of Week

DAY OF WEEK	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Friday	71.6	26.2	1.9	0.3	100.0
Saturday	66.9	29.6	2.6	0.9	100.0
Sunday	67.8	27.6	3.3	1.2	100.0
Monday	68.1	29.0	2.5	0.4	100.0
Tuesday	71.6	25.8	2.0	0.5	100.0
Wednesday	71.4	25.9	2.5	0.2	100.0
Thursday	70.4	27.0	2.2	0.4	100.0
ALL WEEK	69.9	27.2	2.4	0.5	100.0

Table A.3.1
2001 Alaska Traffic Accidents
by Time of Day and Accident Severity

TIME PERIOD	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
12 - 1:59 a.m.	556	203	22	8	789
2 - 3:59 a.m.	297	131	17	8	453
4 - 5:59 a.m.	204	73	14	5	296
6 - 7:59 a.m.	727	232	17	8	984
8 - 9:59 a.m.	819	299	20	3	1,141
10 - 11:59 a.m.	962	359	23	4	1,348
12 - 1:59 p.m.	1,497	522	31	6	2,056
2 - 3:59 p.m.	1,549	600	46	5	2,200
4 - 5:59 p.m.	1,682	730	50	3	2,465
6 - 7:59 p.m.	1,123	445	42	14	1,624
8 - 9:59 p.m.	728	312	40	7	1,087
10 - 11:59 p.m.	526	252	43	9	830
ALL DAY	10,670	4,158	365	80	15,273

Table A.3.2
2001 Alaska Traffic Accidents
Percent by Time of Day and Accident Severity

TIME PERIOD	PERCENT BY 2-HOUR PERIOD				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
12 - 1:59 a.m.	5.2	4.9	6.0	10.0	5.2
2 - 3:59 a.m.	2.8	3.2	4.7	10.0	3.0
4 - 5:59 a.m.	1.9	1.8	3.8	6.3	1.9
6 - 7:59 a.m.	6.8	5.6	4.7	10.0	6.4
8 - 9:59 a.m.	7.7	7.2	5.5	3.8	7.5
10 - 11:59 a.m.	9.0	8.6	6.3	5.0	8.8
12 - 1:59 p.m.	14.0	12.6	8.5	7.5	13.5
2 - 3:59 p.m.	14.5	14.4	12.6	6.3	14.4
4 - 5:59 p.m.	15.8	17.6	13.7	3.8	16.1
6 - 7:59 p.m.	10.5	10.7	11.5	17.5	10.6
8 - 9:59 p.m.	6.8	7.5	11.0	8.8	7.1
10 - 11:59 p.m.	4.9	6.1	11.8	11.3	5.4
ALL DAY	100.0	100.0	100.0	100.0	100.0

Table A.3.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Time of Day

TIME PERIOD	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
12 - 1:59 a.m.	70.5	25.7	2.8	1.0	100.0
2 - 3:59 a.m.	65.6	28.9	3.8	1.8	100.0
4 - 5:59 a.m.	68.9	24.7	4.7	1.7	100.0
6 - 7:59 a.m.	73.9	23.6	1.7	0.8	100.0
8 - 9:59 a.m.	71.8	26.2	1.8	0.3	100.0
10 - 11:59 a.m.	71.4	26.6	1.7	0.3	100.0
12 - 1:59 p.m.	72.8	25.4	1.5	0.3	100.0
2 - 3:59 p.m.	70.4	27.3	2.1	0.2	100.0
4 - 5:59 p.m.	68.2	29.6	2.0	0.1	100.0
6 - 7:59 p.m.	69.2	27.4	2.6	0.9	100.0
8 - 9:59 p.m.	67.0	28.7	3.7	0.6	100.0
10 - 11:59 p.m.	63.4	30.4	5.2	1.1	100.0
ALL DAY	69.9	27.2	2.4	0.5	100.0

Table A.4.1
2001 Alaska Weekend Traffic Accidents
by Time of Day and Accident Severity

DAY AND TIME PERIOD			NUMBER OF ACCIDENTS				TOTAL
			Property Damage Only	Minor Injury	Major Injury	Fatal	
Friday	12	— 1:59 p.m.	279	83	4	1	367
Friday	2	— 3:59 p.m.	278	103	2	—	383
Friday	4	— 5:59 p.m.	300	130	8	—	438
Friday	6	— 7:59 p.m.	189	68	5	3	265
Friday	8	— 9:59 p.m.	134	44	6	—	184
Friday	10	— 11:59 p.m.	121	50	8	1	180
Saturday	12	— 1:59 a.m.	119	36	2	5	162
Saturday	2	— 3:59 a.m.	85	29	4	1	119
Saturday	4	— 5:59 a.m.	42	18	3	1	64
Saturday	6	— 7:59 a.m.	55	18	3	1	77
Saturday	8	— 9:59 a.m.	70	35	2	2	109
Saturday	10	— 11:59 a.m.	135	55	5	1	196
Saturday	12	— 1:59 p.m.	185	79	5	—	269
Saturday	2	— 3:59 p.m.	185	87	3	—	275
Saturday	4	— 5:59 p.m.	192	107	10	1	310
Saturday	6	— 7:59 p.m.	131	64	3	3	201
Saturday	8	— 9:59 p.m.	117	46	5	3	171
Saturday	10	— 11:59 p.m.	85	46	10	—	141
Sunday	12	— 1:59 a.m.	116	45	6	—	167
Sunday	2	— 3:59 a.m.	68	33	6	2	109
Sunday	4	— 5:59 a.m.	42	14	3	3	62
Sunday	6	— 7:59 a.m.	37	18	1	3	59
Sunday	8	— 9:59 a.m.	52	20	2	—	74
Sunday	10	— 11:59 a.m.	89	35	3	1	128
Sunday	12	— 1:59 p.m.	152	47	6	3	208
Sunday	2	— 3:59 p.m.	159	58	7	—	224
Sunday	4	— 5:59 p.m.	142	68	10	2	222
Sunday	6	— 7:59 p.m.	123	42	4	4	173
Sunday	8	— 9:59 p.m.	70	37	3	1	111
Sunday	10	— 11:59 p.m.	52	32	3	1	88
FRI. NOON—	SUN. MIDNIGHT		3,804	1,547	142	43	5,536

Table A.4.2
2001 Alaska Traffic Accidents,
Weekend Alcohol Related Accidents

HOUR OF DAY	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Friday 12 - 1:59 p.m.	8	5	2	—	15
Friday 2 - 3:59 p.m.	4	3	—	—	7
Friday 4 - 5:59 p.m.	6	9	1	—	16
Friday 6 - 7:59 p.m.	7	6	3	—	16
Friday 8 - 9:59 p.m.	6	10	3	—	19
Friday 10 - 11:59 p.m.	18	12	3	1	34
Saturday 12 - 1:59 a.m.	27	16	2	4	49
Saturday 2 - 3:59 a.m.	38	11	3	1	53
Saturday 4 - 5:59 a.m.	11	8	2	1	22
Saturday 6 - 7:59 a.m.	5	4	3	1	13
Saturday 8 - 9:59 a.m.	4	1	—	1	6
Saturday 10 - 11:59 a.m.	1	1	—	1	3
Saturday 12 - 1:59 p.m.	1	—	—	—	1
Saturday 2 - 3:59 p.m.	1	5	—	—	6
Saturday 4 - 5:59 p.m.	10	4	1	—	15
Saturday 6 - 7:59 p.m.	7	6	1	1	15
Saturday 8 - 9:59 p.m.	9	8	2	2	21
Saturday 10 - 11:59 p.m.	12	10	1	—	23
Sunday 12 - 1:59 a.m.	30	21	3	—	54
Sunday 2 - 3:59 a.m.	28	14	4	—	46
Sunday 4 - 5:59 a.m.	8	8	2	2	20
Sunday 6 - 7:59 a.m.	7	3	1	3	14
Sunday 8 - 9:59 a.m.	2	3	—	—	5
Sunday 10 - 11:59 a.m.	5	1	—	—	6
Sunday 12 - 1:59 p.m.	5	1	—	—	6
Sunday 2 - 3:59 p.m.	3	5	—	—	8
Sunday 4 - 5:59 p.m.	8	5	2	—	15
Sunday 6 - 7:59 p.m.	4	8	3	4	19
Sunday 8 - 9:59 p.m.	7	7	1	1	16
Sunday 10 - 11:59 p.m.	5	9	1	1	16
ALL WEEKEND	287	204	44	24	559

Table A.5.1
2001 Alaska Traffic Accidents
by Borough and Accident Severity

BOROUGH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Greater Anchorage Area .	6,496	2,507	146	25	9,174
Fairbanks North Star ...	1,183	450	37	9	1,679
Kenai Peninsula	830	307	48	10	1,195
Matanuska-Susitna	1,121	416	57	17	1,611
Juneau	253	162	18	—	433
Kodiak Island	102	31	5	1	139
Ketchikan Gateway	139	75	4	2	220
Sitka	55	25	5	1	86
North Slope	47	15	6	—	68
Haines	20	7	—	—	27
Bristol Bay	3	5	1	—	9
Denali	27	13	2	1	43
Yakutat	1	1	—	—	2
Unorganized	393	144	36	14	587
STATEWIDE	10,670	4,158	365	80	15,273

Table A.5.2
2001 Alaska Traffic Accidents
Percent by Borough and Accident Severity

BOROUGH	PERCENT BY BOROUGH				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Greater Anchorage Area .	60.9	60.3	40.0	31.3	60.1
Fairbanks North Star ...	11.1	10.8	10.1	11.3	11.0
Kenai Peninsula	7.8	7.4	13.2	12.5	7.8
Matanuska-Susitna	10.5	10.0	15.6	21.3	10.5
Juneau	2.4	3.9	4.9	0.0	2.8
Kodiak Island	1.0	0.7	1.4	1.3	0.9
Ketchikan Gateway	1.3	1.8	1.1	2.5	1.4
Sitka	0.5	0.6	1.4	1.3	0.6
North Slope	0.4	0.4	1.6	0.0	0.4
Haines	0.2	0.2	0.0	0.0	0.2
Bristol Bay	0.0	0.1	0.3	0.0	0.1
Denali	0.3	0.3	0.5	1.3	0.3
Yakutat	0.0	0.0	0.0	0.0	0.0
Unorganized	3.7	3.5	9.9	17.5	3.8
STATEWIDE	100.0	100.0	100.0	100.0	100.0

Table A.5.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Borough

BOROUGH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Greater Anchorage Area .	70.8	27.3	1.6	0.3	100.0
Fairbanks North Star ...	70.5	26.8	2.2	0.5	100.0
Kenai Peninsula	69.5	25.7	4.0	0.8	100.0
Matanuska-Susitna	69.6	25.8	3.5	1.1	100.0
Juneau	58.4	37.4	4.2	0.0	100.0
Kodiak Island	73.4	22.3	3.6	0.7	100.0
Ketchikan Gateway	63.2	34.1	1.8	0.9	100.0
Sitka	64.0	29.1	5.8	1.2	100.0
North Slope	69.1	22.1	8.8	0.0	100.0
Haines	74.1	25.9	0.0	0.0	100.0
Bristol Bay	33.3	55.6	11.1	0.0	100.0
Denali	62.8	30.2	4.7	2.3	100.0
Yakutat	50.0	50.0	0.0	0.0	100.0
Unorganized	67.0	24.5	6.1	2.4	100.0
STATEWIDE	69.9	27.2	2.4	0.5	100.0

Table A.6.1
2001 Alaska Traffic Accidents
by City and Accident Severity

CITY	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Anchorage	6,496	2,507	146	25	9,174
Fairbanks	623	229	13	4	869
Juneau	253	162	18	—	433
Sitka	55	25	5	1	86
Ketchikan	80	46	2	—	128
Kodiak	49	16	—	—	65
Kenai	138	41	3	—	182
Bethel	43	22	3	—	68
Nome	12	5	1	—	18
Valdez	35	4	5	1	45
Wasilla	284	97	13	2	396
Homer	46	18	2	—	66
Barrow	35	3	—	—	38
Petersburg	12	9	2	—	23
Soldotna	122	49	6	—	177
Kotzebue	10	9	—	—	19
Palmer	67	17	1	—	85
Seward	13	9	1	—	23
Wrangell	8	—	—	1	9
Cordova	15	4	1	—	20
Dillingham	10	6	1	—	17
Rural	2,264	880	142	46	3,332
STATEWIDE	10,670	4,158	365	80	15,273

Table A.6.2
2001 Alaska Traffic Accidents
Percent by City and Accident Severity

LOCATION	PERCENT BY CITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Anchorage	60.9	60.3	40.0	31.3	60.1
Fairbanks	5.8	5.5	3.6	5.0	5.7
Juneau	2.4	3.9	4.9	0.0	2.8
Sitka	0.5	0.6	1.4	1.3	0.6
Ketchikan	0.7	1.1	0.5	0.0	0.8
Kodiak	0.5	0.4	0.0	0.0	0.4
Kenai	1.3	1.0	0.8	0.0	1.2
Bethel	0.4	0.5	0.8	0.0	0.4
Nome	0.1	0.1	0.3	0.0	0.1
Valdez	0.3	0.1	1.4	1.3	0.3
Wasilla	2.7	2.3	3.6	2.5	2.6
Homer	0.4	0.4	0.5	0.0	0.4
Barrow	0.3	0.1	0.0	0.0	0.2
Petersburg	0.1	0.2	0.5	0.0	0.2
Soldotna	1.1	1.2	1.6	0.0	1.2
Kotzebue	0.1	0.2	0.0	0.0	0.1
Palmer	0.6	0.4	0.3	0.0	0.6
Seward	0.1	0.2	0.3	0.0	0.2
Wrangell	0.1	0.0	0.0	1.3	0.1
Cordova	0.1	0.1	0.3	0.0	0.1
Dillingham	0.1	0.1	0.3	0.0	0.1
Rural	21.2	21.2	38.9	57.5	21.8
STATEWIDE	100.0	100.0	100.0	100.0	100.0

Table A.6.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and City

CITY	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Anchorage	70.8	27.3	1.6	0.3	100.0
Fairbanks	71.7	26.4	1.5	0.5	100.0
Juneau	58.4	37.4	4.2	0.0	100.0
Sitka	64.0	29.1	5.8	1.2	100.0
Ketchikan	62.5	35.9	1.6	0.0	100.0
Kodiak	75.4	24.6	0.0	0.0	100.0
Kenai	75.8	22.5	1.6	0.0	100.0
Bethel	63.2	32.4	4.4	0.0	100.0
Nome	66.7	27.8	5.6	0.0	100.0
Valdez	77.8	8.9	11.1	2.2	100.0
Wasilla	71.7	24.5	3.3	0.5	100.0
Homer	69.7	27.3	3.0	0.0	100.0
Barrow	92.1	7.9	0.0	0.0	100.0
Petersburg	52.2	39.1	8.7	0.0	100.0
Soldotna	68.9	27.7	3.4	0.0	100.0
Kotzebue	52.6	47.4	0.0	0.0	100.0
Palmer	78.8	20.0	1.2	0.0	100.0
Seward	56.5	39.1	4.3	0.0	100.0
Wrangell	88.9	0.0	0.0	11.1	100.0
Cordova	75.0	20.0	5.0	0.0	100.0
Dillingham	58.8	35.3	5.9	0.0	100.0
Rural	67.9	26.4	4.3	1.4	100.0
STATEWIDE	69.9	27.2	2.4	0.5	100.0

Table A.7.1
Persons Involved in 2001 Alaska Traffic Accidents
by Age and Injury Severity

AGE	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	7,563	203	16	1	7,783
Under 4	831	59	4	1	895
4 - 10	1,289	210	20	3	1,522
11 - 15	1,233	279	20	3	1,535
16 - 20	5,752	1,123	86	12	6,973
21 - 25	3,328	780	61	11	4,180
26 - 30	2,505	560	30	6	3,101
31 - 35	2,396	468	37	8	2,909
36 - 40	2,627	541	24	3	3,195
41 - 45	2,592	484	32	7	3,115
46 - 50	2,287	450	40	6	2,783
51 - 55	1,664	345	23	9	2,041
56 - 60	1,065	236	14	6	1,321
61 - 64	572	108	10	3	693
65 - 70	570	121	6	1	698
71 - 74	277	49	3	5	334
75 - 80	255	65	5	3	328
81 - 85	115	24	3	1	143
Over 85	68	4	—	—	72
ALL AGES	36,989	6,109	434	89	43,621

Table A.7.2
Persons Involved in 2001 Alaska Traffic Accidents
by Month and Injury Severity

MONTH	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
January	3,608	560	38	11	4,217
February	3,757	505	31	6	4,299
March	2,775	418	31	12	3,236
April	1,692	341	34	4	2,071
May	2,369	422	36	3	2,830
June	2,725	569	47	11	3,352
July	2,561	492	45	11	3,109
August	2,681	542	57	7	3,287
September	2,524	457	31	6	3,018
October	3,973	618	37	5	4,633
November	3,016	511	27	6	3,560
December	5,308	674	20	7	6,009
ALL YEAR	36,989	6,109	434	89	43,621

Table A.7.3
Persons Involved in 2001 Alaska Traffic Accidents
by Borough and Injury Severity

BOROUGH	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Greater Anchorage Area .	23,342	3,565	161	28	27,096
Fairbanks North Star ...	4,097	640	44	9	4,790
Kenai	2,592	478	64	14	3,148
Matanuska-Susitna	3,635	696	72	18	4,421
Greater Juneau Area	961	251	22	—	1,234
Kodiak	297	54	5	2	358
Ketchikan Gateway.....	480	105	4	2	591
Sitka	184	34	6	1	225
North Slope	159	21	6	—	186
Haines	45	11	—	—	56
Bristol Bay.....	13	6	1	—	20
Denali.....	74	18	3	1	96
Yakutat	4	1	—	—	5
Unorganized	1,106	229	46	14	1,395
STATEWIDE.....	36,989	6,109	434	89	43,621

Table A.7.4
Persons Involved in 2001 Alaska Traffic Accidents
by City and Injury Severity

CITY	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Anchorage	23,342	3,565	161	28	27,096
Fairbanks	2,163	312	16	4	2,495
Juneau	961	251	22	—	1,234
Sitka	184	34	6	1	225
Ketchikan	302	63	2	—	367
Kodiak	156	20	—	—	176
Kenai	424	54	3	—	481
Bethel	163	27	3	—	193
Nome	43	7	1	—	51
Valdez	84	7	7	1	99
Wasilla	1,066	151	16	2	1,235
Homer	193	24	2	—	219
Barrow	113	5	—	—	118
Petersburg	36	18	2	—	56
Soldotna	458	70	7	—	535
Kotzebue	42	13	—	—	55
Palmer	225	25	1	—	251
Seward	50	17	1	—	68
Wrangell	27	—	—	1	28
Cordova	38	4	1	—	43
Dillingham	39	11	1	—	51
Rural	6,365	1,316	162	44	7,887
Smaller Towns.....	515	115	20	8	658
STATEWIDE.....	36,989	6,109	434	89	43,621

Table A.8.1
Number of 2001 Alaska Traffic Accidents
By Borough and Month

BOROUGH	MONTH												ALL YEAR
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Greater Anchorage	917	908	683	490	623	675	560	640	607	1,057	789	1,225	9,174
Fairbanks North Star	203	159	144	61	115	92	94	120	113	167	151	260	1,679
Kenai Peninsula	132	111	88	39	65	81	103	80	66	128	136	166	1,195
Matanuska-Susitna	157	123	113	78	89	133	97	128	146	198	144	205	1,611
Juneau	28	48	25	22	30	30	44	36	40	36	35	59	433
Kodiak Island	22	15	13	5	8	9	8	10	9	15	11	14	139
Ketchikan Gateway	15	18	20	14	19	22	18	16	16	11	17	34	220
Sitka	5	3	6	11	6	7	7	10	6	7	5	13	86
North Slope	9	9	5	9	7	7	3	7	1	4	3	4	68
Haines	1	1	4	1	2	3	1	4	1	1	5	3	27
Bristol Bay	-	-	-	-	3	-	2	-	-	-	3	1	9
Denali	6	1	3	2	1	4	6	7	2	7	2	2	43
Yakutat	-	-	-	-	-	-	-	-	2	-	-	-	2
Unorganized	49	58	51	24	38	53	54	52	47	60	46	55	587
STATEWIDE	1,544	1,454	1,155	756	1,006	1,116	997	1,110	1,056	1,691	1,347	2,041	15,273

Table A.9.1
 Number of 2001 Alaska Traffic Accidents
 by Accident Severity and Property Damage

ACCIDENT SEVERITY	PROPERTY DAMAGE			TOTAL
	\$000000 to \$000499	\$000500 to \$001999	\$002000 to \$999999	
Property Damage Only	1,857	2,976	5,837	10,670
Minor Injury	581	629	2,948	4,158
Major Injury	59	41	265	365
Fatal	14	4	62	80
All Severity Classes	2,511	3,650	9,112	15,273

Table A.9.2
 Number of 2001 Alaska Traffic Accidents
 Percent by Property Damage and Accident Severity

ACCIDENT SEVERITY	PERCENT BY ACCIDENT SEVERITY			ALL
	\$000000 to \$000499	\$000500 to \$001999	\$002000 to \$999999	
Property Damage Only	74.0	81.5	64.1	69.9
Minor Injury	23.1	17.2	32.4	27.2
Major Injury	2.3	1.1	2.9	2.4
Fatal	0.6	0.1	0.7	0.5
All Severity Classes	100.0	100.0	100.0	100.0

Table A.9.3
 Number of 2001 Alaska Traffic Accidents
 Percent by Accident Severity and Property Damage

ACCIDENT SEVERITY	PERCENT BY PROPERTY DAMAGE			ALL
	\$000000 to \$000499	\$000500 to \$001999	\$002000 to \$999999	
Property Damage Only	17.4	27.9	54.7	100.0
Minor Injury	14.0	15.1	70.9	100.0
Major Injury	16.2	11.2	72.6	100.0
Fatal	17.5	5.0	77.5	100.0
All Severity Classes	16.4	23.9	59.7	100.0

Table A.10.1
2001 Alaska Traffic Accidents
by Census Area and Accident Severity

CENSUS AREA	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
North Slope	47	15	6	—	68
NW Arctic	10	9	—	—	19
Nome	14	7	2	1	24
Yukon-Koyukuk, Denali...	53	32	9	4	98
Fairbanks NorthStar.....	1,183	450	37	9	1,679
SE Fairbanks	72	27	3	5	107
Matsu.....	1,121	416	57	17	1,611
Valdez-Cordova.....	89	25	11	2	127
MOA.....	6,496	2,507	146	25	9,174
Bethel	43	22	3	2	70
Wade Hampton	—	1	1	—	2
BBay, Dillingham, L&P ..	13	11	2	—	26
Kenai	830	307	48	10	1,195
Kodiak.....	102	31	5	1	139
Aleutians West	20	5	1	—	26
Aleutians East	3	2	—	—	5
Yakutat-Hoonah-Angoon...	5	1	—	—	6
Skagway.....	5	2	—	—	7
Haines-Klukwan.....	20	7	—	—	27
Juneau.....	253	162	18	—	433
Sitka.....	55	25	5	1	86
Petersburg-Wrangell.....	20	9	4	1	34
Prince of Wales	10	9	2	—	21
Ketchikan Gateway	139	75	4	2	220
Unknown	67	1	1	—	69
STATEWIDE	10,670	4,158	365	80	15,273

Table A.10.2
2001 Alaska Traffic Accidents
Percent by Census Area and Accident Severity

CENSUS AREA	PERCENT BY CENSUS AREA				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
North Slope	0.4	0.4	1.6	0.0	0.4
NW Arctic	0.1	0.2	0.0	0.0	0.1
Nome	0.1	0.2	0.5	1.3	0.2
Yukon-Koyukuk, Denali...	0.5	0.8	2.5	5.0	0.6
Fairbanks NorthStar.....	11.1	10.8	10.1	11.3	11.0
SE Fairbanks	0.7	0.6	0.8	6.3	0.7
Matsu.....	10.5	10.0	15.6	21.3	10.5
Valdez-Cordova.....	0.8	0.6	3.0	2.5	0.8
MOA.....	60.9	60.3	40.0	31.3	60.1
Bethel	0.4	0.5	0.8	2.5	0.5
Wade Hampton	0.0	0.0	0.3	0.0	0.0
BBay, Dillingham, L&P ..	0.1	0.3	0.5	0.0	0.2
Kenai	7.8	7.4	13.2	12.5	7.8
Kodiak.....	1.0	0.7	1.4	1.3	0.9
Aleutians West	0.2	0.1	0.3	0.0	0.2
Aleutians East	0.0	0.0	0.0	0.0	0.0
Yakutat-Hoonah-Angoon...	0.0	0.0	0.0	0.0	0.0
Skagway.....	0.0	0.0	0.0	0.0	0.0
Haines-Klukwan.....	0.2	0.2	0.0	0.0	0.2
Juneau.....	2.4	3.9	4.9	0.0	2.8
Sitka.....	0.5	0.6	1.4	1.3	0.6
Petersburg-Wrangell.....	0.2	0.2	1.1	1.3	0.2
Prince of Wales	0.1	0.2	0.5	0.0	0.1
Ketchikan Gateway	1.3	1.8	1.1	2.5	1.4
Unknown	0.6	0.0	0.3	0.0	0.5
STATEWIDE	100.0	100.0	100.0	100.0	100.0

Table A.10.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Census Area

CENSUS AREA	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
North Slope	69.1	22.1	8.8	0.0	100.0
NW Arctic	52.6	47.4	0.0	0.0	100.0
Nome	58.3	29.2	8.3	4.2	100.0
Yukon-Koyukuk, Denali...	54.1	32.7	9.2	4.1	100.0
Fairbanks NorthStar.....	70.5	26.8	2.2	0.5	100.0
SE Fairbanks	67.3	25.2	2.8	4.7	100.0
Matsu.....	69.6	25.8	3.5	1.1	100.0
Valdez-Cordova.....	70.1	19.7	8.7	1.6	100.0
MOA.....	70.8	27.3	1.6	0.3	100.0
Bethel	61.4	31.4	4.3	2.9	100.0
Wade Hampton	0.0	50.0	50.0	0.0	100.0
BBay, Dillingham, L&P ..	50.0	42.3	7.7	0.0	100.0
Kenai	69.5	25.7	4.0	0.8	100.0
Kodiak.....	73.4	22.3	3.6	0.7	100.0
Aleutians West	76.9	19.2	3.8	0.0	100.0
Aleutians East	60.0	40.0	0.0	0.0	100.0
Yakutat-Hoonah-Angoon...	83.3	16.7	0.0	0.0	100.0
Skagway.....	71.4	28.6	0.0	0.0	100.0
Haines-Klukwan.....	74.1	25.9	0.0	0.0	100.0
Juneau.....	58.4	37.4	4.2	0.0	100.0
Sitka.....	64.0	29.1	5.8	1.2	100.0
Petersburg-Wrangell.....	58.8	26.5	11.8	2.9	100.0
Prince of Wales	47.6	42.9	9.5	0.0	100.0
Ketchikan Gateway	63.2	34.1	1.8	0.9	100.0
Unknown	97.1	1.4	1.4	0.0	100.0
STATEWIDE.....	69.9	27.2	2.4	0.5	100.0

Table A.11.1
2001 Alaska Traffic Accidents
by Land Use and Accident Severity

Land Use	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
School or playground	231	95	2	—	328
Family residential	1,651	704	82	10	2,447
Apartment residential	715	279	20	1	1,015
Business/shopping	4,049	1,837	104	23	6,013
Industrial/manufacturing	319	130	20	3	472
Agricultural/undeveloped	1,184	639	97	30	1,950
Recreational/park	173	96	18	3	290
Unknown	2,348	378	22	10	2,758
All Areas.....	10,670	4,158	365	80	15,273

Table A.11.2
2001 Alaska Traffic Accidents
Percent by Land Use and Accident Severity

LAND USE	PERCENT BY LAND USAGE				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
School or playground	2.2	2.3	0.5	0.0	2.1
Family residential	15.5	16.9	22.5	12.5	16.0
Apartment residential	6.7	6.7	5.5	1.3	6.6
Business/shopping	37.9	44.2	28.5	28.8	39.4
Industrial/manufacturing	3.0	3.1	5.5	3.8	3.1
Agricultural/undeveloped	11.1	15.4	26.6	37.5	12.8
Recreational/park	1.6	2.3	4.9	3.8	1.9
Unknown	22.0	9.1	6.0	12.5	18.1
All Areas	100.0	100.0	100.0	100.0	100.0

Table A.11.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Land Use

LAND USE	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
School or playground	70.4	29.0	0.6	0.0	100.0
Family residential	67.5	28.8	3.4	0.4	100.0
Apartment residential	70.4	27.5	2.0	0.1	100.0
Business/shopping	67.3	30.6	1.7	0.4	100.0
Industrial/manufacturing	67.6	27.5	4.2	0.6	100.0
Agricultural/undeveloped	60.7	32.8	5.0	1.5	100.0
Recreational/park	59.7	33.1	6.2	1.0	100.0
Unknown	85.1	13.7	0.8	0.4	100.0
All Areas	69.9	27.2	2.4	0.5	100.0

Table A.12.1
2001 Alaska Traffic Accidents
by Urban/Rural and Accident Severity

Urban/Rural	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Rural.....	2,857	1,093	175	49	4,174
Small Urban	1,376	587	49	7	2,019
Urbanized Area.....	6,437	2,478	141	24	9,080
STATEWIDE	10,670	4,158	365	80	15,273

Table A.13.1
2001 Alaska Traffic Accidents
by Report Source and Accident Severity

Report Source	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Participant Report....	2,018	223	7	—	2,248
Police Report.....	8,652	3,935	358	80	13,025
All Sources	10,670	4,158	365	80	15,273

B. ENVIRONMENT

Table B.1.1
2001 Alaska Traffic Accidents
by Ambient Light Level and Accident Severity

AMBIENT LIGHT	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Daylight	5,222	2,530	205	37	7,994
Twilight	416	195	23	7	641
Streetlight	2,012	787	62	12	2,873
Dark	869	389	65	19	1,342
Unknown	2,151	257	10	5	2,423
ALL LEVELS	10,670	4,158	365	80	15,273

Table B.1.2
2001 Alaska Traffic Accidents
Percent by Ambient Light Level and Accident Severity

AMBIENT LIGHT	PERCENT BY AMBIENT LIGHT LEVEL				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Daylight	48.9	60.8	56.2	46.3	52.3
Twilight	3.9	4.7	6.3	8.8	4.2
Streetlight	18.9	18.9	17.0	15.0	18.8
Dark	8.1	9.4	17.8	23.8	8.8
Unknown	20.2	6.2	2.7	6.3	15.9
ALL LEVELS	100.0	100.0	100.0	100.0	100.0

Table B.1.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Ambient Light Level

AMBIENT LIGHT	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Daylight	65.3	31.6	2.6	0.5	100.0
Twilight	64.9	30.4	3.6	1.1	100.0
Streetlight	70.0	27.4	2.2	0.4	100.0
Dark	64.8	29.0	4.8	1.4	100.0
Unknown	88.8	10.6	0.4	0.2	100.0
ALL LEVELS	69.9	27.2	2.4	0.5	100.0

Table B.2.1
2001 Alaska Traffic Accidents
by Roadway Surface Condition and Accident Severity

ROAD SURFACE CONDITION	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Dry	3,481	1,779	191	39	5,490
Wet	942	504	44	11	1,501
Muddy	29	11	5	—	45
Snow and ice	5,369	1,727	117	28	7,241
Slush	62	24	2	—	88
Unknown	787	113	6	2	908
ALL CONDITIONS	10,670	4,158	365	80	15,273

Table B.2.2
2001 Alaska Traffic Accidents
Percent by Roadway Surface Condition and Accident Severity

ROAD SURFACE CONDITION	PERCENT BY SURFACE CONDITION				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Dry	32.6	42.8	52.3	48.8	35.9
Wet	8.8	12.1	12.1	13.8	9.8
Muddy	0.3	0.3	1.4	0.0	0.3
Snow and ice	50.3	41.5	32.1	35.0	47.4
Slush	0.6	0.6	0.5	0.0	0.6
Unknown	7.4	2.7	1.6	2.5	5.9
ALL CONDITIONS	100.0	100.0	100.0	100.0	100.0

Table B.2.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Roadway Surface Condition

ROAD SURFACE CONDITION	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Dry	63.4	32.4	3.5	0.7	100.0
Wet	62.8	33.6	2.9	0.7	100.0
Muddy	64.4	24.4	11.1	0.0	100.0
Snow and ice	74.1	23.9	1.6	0.4	100.0
Slush	70.5	27.3	2.3	0.0	100.0
Unknown	86.7	12.4	0.7	0.2	100.0
ALL CONDITIONS	69.9	27.2	2.4	0.5	100.0

Table B.3.1
2001 Alaska Traffic Accidents
by Weather and Accident Severity

WEATHER	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Clear	3,669	1,555	152	36	5,412
Cloudy	4,305	1,794	158	29	6,286
Rain	615	292	28	5	940
Snow	997	309	15	6	1,327
Sleet	100	45	3	1	149
Fog or smoke	110	42	3	1	156
Unknown	874	121	6	2	1,003
ALL CONDITIONS	10,670	4,158	365	80	15,273

Table B.3.2
2001 Alaska Traffic Accidents
Percent by Weather and Accident Severity

WEATHER	PERCENT BY WEATHER TYPE				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Clear	34.4	37.4	41.6	45.0	35.4
Cloudy	40.3	43.1	43.3	36.3	41.2
Rain	5.8	7.0	7.7	6.3	6.2
Snow	9.3	7.4	4.1	7.5	8.7
Sleet	0.9	1.1	0.8	1.3	1.0
Fog or smoke	1.0	1.0	0.8	1.3	1.0
Unknown	8.2	2.9	1.6	2.5	6.6
ALL CONDITIONS	100.0	100.0	100.0	100.0	100.0

Table B.3.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Weather

WEATHER	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Clear	67.8	28.7	2.8	0.7	100.0
Cloudy	68.5	28.5	2.5	0.5	100.0
Rain	65.4	31.1	3.0	0.5	100.0
Snow	75.1	23.3	1.1	0.5	100.0
Sleet	67.1	30.2	2.0	0.7	100.0
Fog or smoke	70.5	26.9	1.9	0.6	100.0
Unknown	87.1	12.1	0.6	0.2	100.0
ALL CONDITIONS	69.9	27.2	2.4	0.5	100.0

C. CIRCUMSTANCES

Table C.1.1
2001 Alaska Traffic Accidents
by Type of Accident and Accident Severity

COLLISION WITH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Pedestrian	19	124	29	7	179
Pedacycle	24	123	18	1	166
Train	3	—	1	—	4
Animal	38	6	—	—	44
Moose	661	118	3	3	785
MV Head On	84	85	26	14	209
MV Rear End	2,973	1,293	29	1	4,296
MV Angle	4,418	1,493	108	24	6,043
Parked Vehicle	363	34	8	—	405
Bridge/Overpass	11	6	—	—	17
Building	37	4	2	—	43
Culvert	8	4	—	1	13
Curb/Wall	70	29	4	2	105
Ditch	409	241	39	9	698
Divider	44	13	4	1	62
Parking Meter	4	—	—	—	4
Traffic Light	15	2	1	1	19
Light Support	113	32	3	1	149
Sign Post	185	18	1	1	205
Utility Post	63	23	1	—	87
Other Support	31	6	1	—	38
Embankment	115	71	11	3	200
Fence	100	21	1	—	122
Guardrail	195	86	7	4	292
Machinery	3	—	—	—	3
Tree/Shrub	98	45	12	1	156
Other Fixed Object	193	32	5	2	232
Overturn.....	311	222	46	4	583
Fire or Explosion.....	3	—	—	—	3
Immersion.....	1	—	—	—	1
Non Collision - Other.....	76	26	5	—	107
Sideswipe/Backing	1	—	—	—	1
Other Type of Accident ...	1	1	—	—	2
TOTAL	10,670	4,158	365	80	15,273

Table C.1.2
2001 Alaska Traffic Accidents
Percent by Type of Accident and Accident Severity

COLLISION WITH	PERCENT BY TYPE OF ACCIDENT				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Pedestrian	0.2	3.0	7.9	8.8	1.2
Pedacycle	0.2	3.0	4.9	1.3	1.1
Train	0.0	0.0	0.3	0.0	0.0
Animal	0.4	0.1	0.0	0.0	0.3
Moose	6.2	2.8	0.8	3.8	5.1
MV Head On	0.8	2.0	7.1	17.5	1.4
MV Rear End	27.9	31.1	7.9	1.3	28.1
MV Angle	41.4	35.9	29.6	30.0	39.6
Parked Vehicle	3.4	0.8	2.2	0.0	2.7
Bridge/Overpass	0.1	0.1	0.0	0.0	0.1
Building	0.3	0.1	0.5	0.0	0.3
Culvert	0.1	0.1	0.0	1.3	0.1
Curb/Wall	0.7	0.7	1.1	2.5	0.7
Ditch	3.8	5.8	10.7	11.3	4.6
Divider	0.4	0.3	1.1	1.3	0.4
Parking Meter	0.0	0.0	0.0	0.0	0.0
Traffic Light	0.1	0.0	0.3	1.3	0.1
Light Support	1.1	0.8	0.8	1.3	1.0
Sign Post	1.7	0.4	0.3	1.3	1.3
Utility Post	0.6	0.6	0.3	0.0	0.6
Other Support	0.3	0.1	0.3	0.0	0.2
Embankment	1.1	1.7	3.0	3.8	1.3
Fence	0.9	0.5	0.3	0.0	0.8
Guardrail	1.8	2.1	1.9	5.0	1.9
Machinery	0.0	0.0	0.0	0.0	0.0
Tree/Shrub	0.9	1.1	3.3	1.3	1.0
Other Fixed Object	1.8	0.8	1.4	2.5	1.5
Overturn.....	2.9	5.3	12.6	5.0	3.8
Fire or Explosion.....	0.0	0.0	0.0	0.0	0.0
Immersion.....	0.0	0.0	0.0	0.0	0.0
Non Collision - Other.....	0.7	0.6	1.4	0.0	0.7
Sideswipe/Backing	0.0	0.0	0.0	0.0	0.0
Other Type of Accident ...	0.0	0.0	0.0	0.0	0.0
ALL	100.0	100.0	100.0	100.0	100.0

Table C.1.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Type of Accident

COLLISION WITH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Pedestrian	10.6	69.3	16.2	3.9	100.0
Pedacycle	14.5	74.1	10.8	0.6	100.0
Train	75.0	0.0	25.0	0.0	100.0
Animal	86.4	13.6	0.0	0.0	100.0
Moose	84.2	15.0	0.4	0.4	100.0
MV Head On	40.2	40.7	12.4	6.7	100.0
MV Rear End	69.2	30.1	0.7	0.0	100.0
MV Angle	73.1	24.7	1.8	0.4	100.0
Parked Vehicle	89.6	8.4	2.0	0.0	100.0
Bridge/Overpass	64.7	35.3	0.0	0.0	100.0
Building	86.0	9.3	4.7	0.0	100.0
Culvert	61.5	30.8	0.0	7.7	100.0
Curb/Wall	66.7	27.6	3.8	1.9	100.0
Ditch	58.6	34.5	5.6	1.3	100.0
Divider	71.0	21.0	6.5	1.6	100.0
Parking Meter	100.0	0.0	0.0	0.0	100.0
Traffic Light	78.9	10.5	5.3	5.3	100.0
Light Support	75.8	21.5	2.0	0.7	100.0
Sign Post	90.2	8.8	0.5	0.5	100.0
Utility Post	72.4	26.4	1.1	0.0	100.0
Other Support	81.6	15.8	2.6	0.0	100.0
Embankment	57.5	35.5	5.5	1.5	100.0
Fence	82.0	17.2	0.8	0.0	100.0
Guardrail	66.8	29.5	2.4	1.4	100.0
Machinery	100.0	0.0	0.0	0.0	100.0
Tree/Shrub	62.8	28.8	7.7	0.6	100.0
Other Fixed Object	83.2	13.8	2.2	0.9	100.0
Overturn.....	53.3	38.1	7.9	0.7	100.0
Fire or Explosion.....	100.0	0.0	0.0	0.0	100.0
Immersion.....	100.0	0.0	0.0	0.0	100.0
Non Collision - Other.....	71.0	24.3	4.7	0.0	100.0
Sideswipe/Backing	100.0	0.0	0.0	0.0	100.0
Other Type of Accident ...	50.0	50.0	0.0	0.0	100.0
ALL	69.9	27.2	2.4	0.5	100.0

Table C.2.1
Vehicles In 2001 Alaska Traffic Accidents,
by Vehicle Type and Accident Severity

VEHICLE TYPE	NUMBER OF VEHICLES				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Passenger car	13,135	5,481	349	67	19,032
Pick-up truck	4,964	1,782	149	30	6,925
Van or panel truck	218	80	6	—	304
Large single-unit truck	176	42	5	1	224
School bus	128	24	2	2	156
Commercial bus	112	23	2	1	138
Tractor-trailer, double	136	28	9	4	177
Tractor-trailer, triple	1	—	—	—	1
Construction equipment	93	13	1	6	113
Motor home	61	18	1	2	82
Emergency vehicle	77	31	—	1	109
Motorcycle	28	81	34	8	151
Recreational vehicle	10	17	7	—	34
Snowmobile	15	32	8	7	62
Other motor vehicle	2	1	—	—	3
Pedalcycle	29	134	19	1	183
Pulled by or on animal	—	1	—	—	1
Train.....	3	—	1	—	4
Responsible, uninvolved	73	21	1	1	96
Pedestrian.....	21	135	35	7	198
ALL VEHICLE TYPES	19,282	7,944	629	138	27,993

Table C.2.2
Vehicles In 2001 Alaska Traffic Accidents
Percent by Vehicle Type and Accident Severity

VEHICLE TYPE	PERCENT BY VEHICLE TYPE				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Passenger car	68.1	69.0	55.5	48.6	68.0
Pick-up truck	25.7	22.4	23.7	21.7	24.7
Van or panel truck	1.1	1.0	1.0	0.0	1.1
Large single-unit truck	0.9	0.5	0.8	0.7	0.8
School bus	0.7	0.3	0.3	1.4	0.6
Commercial bus	0.6	0.3	0.3	0.7	0.5
Tractor-trailer, double	0.7	0.4	1.4	2.9	0.6
Tractor-trailer, triple	0.0	0.0	0.0	0.0	0.0
Construction equipment	0.5	0.2	0.2	4.3	0.4
Motor home	0.3	0.2	0.2	1.4	0.3
Emergency vehicle	0.4	0.4	0.0	0.7	0.4
Motorcycle	0.1	1.0	5.4	5.8	0.5
Recreational vehicle	0.1	0.2	1.1	0.0	0.1
Snowmobile	0.1	0.4	1.3	5.1	0.2
Other motor vehicle	0.0	0.0	0.0	0.0	0.0
Pedalcycle	0.2	1.7	3.0	0.7	0.7
Pulled by or on animal	0.0	0.0	0.0	0.0	0.0
Train.....	0.0	0.0	0.2	0.0	0.0
Responsible, uninvolved	0.4	0.3	0.2	0.7	0.3
Pedestrian.....	0.1	1.7	5.6	5.1	0.7
ALL VEHICLE TYPES	100.0	100.0	100.0	100.0	100.0

Table C.2.3
 Vehicles In 2001 Alaska Traffic Accidents
 Percent by Accident Severity and Vehicle Type

VEHICLE TYPE	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Passenger car	69.0	28.8	1.8	0.4	100.0
Pick-up truck	71.7	25.7	2.2	0.4	100.0
Van or panel truck	71.7	26.3	2.0	0.0	100.0
Large single-unit truck	78.6	18.8	2.2	0.4	100.0
School bus	82.1	15.4	1.3	1.3	100.0
Commercial bus	81.2	16.7	1.4	0.7	100.0
Tractor-trailer, double	76.8	15.8	5.1	2.3	100.0
Tractor-trailer, triple	100.0	0.0	0.0	0.0	100.0
Construction equipment .	82.3	11.5	0.9	5.3	100.0
Motor home	74.4	22.0	1.2	2.4	100.0
Emergency vehicle	70.6	28.4	0.0	0.9	100.0
Motorcycle	18.5	53.6	22.5	5.3	100.0
Recreational vehicle ...	29.4	50.0	20.6	0.0	100.0
Snowmobile	24.2	51.6	12.9	11.3	100.0
Other motor vehicle	66.7	33.3	0.0	0.0	100.0
Pedalcycle	15.8	73.2	10.4	0.5	100.0
Pulled by or on animal	0.0	100.0	0.0	0.0	100.0
Train.....	75.0	0.0	25.0	0.0	100.0
Responsible, uninvolved	76.0	21.9	1.0	1.0	100.0
Pedestrian.....	10.6	68.2	17.7	3.5	100.0
ALL VEHICLE TYPES	68.9	28.4	2.2	0.5	100.0

Table C.3.1
2001 Alaska Traffic Accidents
by Traffic Control Device and Accident Severity

TRAFFIC CONTROL DEVICE	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
None	5,495	2,084	225	51	7,855
Traffic signal	2,489	1,188	59	8	3,744
Stop sign	1,471	572	36	2	2,081
Flashing light	12	5	3	—	20
Yield sign	86	28	—	—	114
Officer/Flagman/Guard ..	21	18	—	—	39
No-passing zone	209	123	28	17	377
Railroad crossing sign .	3	5	—	—	8
Railroad crossing light	3	2	1	—	6
Railroad crossing gate .	4	4	—	—	8
Unknown	877	129	13	2	1,021
TOTAL	10,670	4,158	365	80	15,273

Table C.3.2
2001 Alaska Traffic Accidents
Percent by Traffic Control Device and Accident Severity

TRAFFIC CONTROL DEVICE	PERCENT BY TRAFFIC CONTROL DEVICE				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
None	51.5	50.1	61.6	63.8	51.4
Traffic signal	23.3	28.6	16.2	10.0	24.5
Stop sign	13.8	13.8	9.9	2.5	13.6
Flashing light	0.1	0.1	0.8	0.0	0.1
Yield sign	0.8	0.7	0.0	0.0	0.7
Officer/Flagman/Guard ..	0.2	0.4	0.0	0.0	0.3
No-passing zone	2.0	3.0	7.7	21.3	2.5
Railroad crossing sign .	0.0	0.1	0.0	0.0	0.1
Railroad crossing light	0.0	0.0	0.3	0.0	0.0
Railroad crossing gate .	0.0	0.1	0.0	0.0	0.1
Unknown	8.2	3.1	3.6	2.5	6.7
ALL	100.0	100.0	100.0	100.0	100.0

Table C.3.3
2001 Alaska Traffic Accidents
Percent by Accident Severity and Traffic Control Device

TRAFFIC CONTROL DEVICE	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
None	70.0	26.5	2.9	0.6	100.0
Traffic signal	66.5	31.7	1.6	0.2	100.0
Stop sign	70.7	27.5	1.7	0.1	100.0
Flashing light	60.0	25.0	15.0	0.0	100.0
Yield sign	75.4	24.6	0.0	0.0	100.0
Officer/Flagman/Guard ..	53.8	46.2	0.0	0.0	100.0
No-passing zone	55.4	32.6	7.4	4.5	100.0
Railroad crossing sign .	37.5	62.5	0.0	0.0	100.0
Railroad crossing light	50.0	33.3	16.7	0.0	100.0
Railroad crossing gate .	50.0	50.0	0.0	0.0	100.0
Unknown	85.9	12.6	1.3	0.2	100.0
ALL	69.9	27.2	2.4	0.5	100.0

Table C.4.1
2001 Alaska Moose Traffic Accidents
by Month and Accident Severity

MONTH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
January	56	15	1	2	74
February	66	11	—	—	77
March	30	12	—	—	42
April	19	5	1	—	25
May	25	4	—	—	29
June	30	4	—	—	34
July	43	10	—	—	53
August	42	8	—	—	50
September	71	11	—	1	83
October	68	5	1	—	74
November	97	15	—	—	112
December	114	18	—	—	132
ALL YEAR	661	118	3	3	785

Table C.4.2
2001 Alaska Moose Traffic Accidents
by Time of Day and Accident Severity

TIME PERIOD	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
12 — 1:59 a.m.	62	16	—	1	79
2 — 3:59 a.m.	28	10	—	—	38
4 — 5:59 a.m.	48	—	1	—	49
6 — 7:59 a.m.	69	11	—	—	80
8 — 9:59 a.m.	45	8	—	—	53
10 — 11:59 a.m.	22	3	—	—	25
12 — 1:59 p.m.	24	3	—	—	27
2 — 3:59 p.m.	18	3	—	—	21
4 — 5:59 p.m.	59	13	—	—	72
6 — 7:59 p.m.	104	22	1	—	127
8 — 9:59 p.m.	98	15	—	1	114
10 — 11:59 p.m.	84	14	1	1	100
ALL DAY	661	118	3	3	785

Table C.4.3
2001 Alaska Moose Traffic Accidents
by Borough and Accident Severity

BOROUGH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Greater Anchorage Area .	161	38	2	—	201
Fairbanks North Star ...	91	27	—	—	118
Kenai Peninsula	183	28	1	1	213
Matanuska-Susitna	172	22	—	2	196
Haines	4	—	—	—	4
Denali	5	—	—	—	5
Unorganized	45	3	—	—	48
STATEWIDE.....	661	118	3	3	785

Table C.4.4
2001 Alaska Moose Traffic Accidents
by City and Accident Severity

CITY	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Anchorage	161	38	2	—	201
Fairbanks	13	4	—	—	17
Kenai	33	4	—	—	37
Wasilla	15	1	—	—	16
Homer	3	—	—	—	3
Soldotna	7	—	—	—	7
Rural	429	71	1	3	504
STATEWIDE.....	661	118	3	3	785

Table C.4.5
2001 Alaska Moose Traffic Accidents
by Land Use and Accident Severity

Land Use	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
School or playground	3	1	—	—	4
Family residential	122	25	—	—	147
Apartment residential	10	3	—	—	13
Business/shopping	28	10	—	1	39
Industrial/manufacturing	14	3	1	—	18
Agricultural/undeveloped	218	61	2	2	283
Recreational/park	9	3	—	—	12
Unknown	257	12	—	—	269
STATEWIDE.....	661	118	3	3	785

Table C.4.6
2001 Alaska Moose Traffic Accidents
by Urban/Rural Roadway and Accident Severity

Urban/Rural Roadway	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal	
Rural.....	473	78	2	3	556
Small Urban	31	4	—	—	35
Urbanized Area.....	157	36	1	—	194
STATEWIDE.....	661	118	3	3	785

Table C.5.1
 Factors Contributing to 2001 Alaska Traffic Accidents
 by Accident Severity and Contributing Factor Type

FACTOR TYPE	NUMBER OF OCCURRENCES				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Human	9,202	4,682	463	103	14,450
Roadway	1,615	651	53	12	2,331
Environmental	821	338	22	9	1,190
Vehicular	249	107	23	1	380
ALL FACTOR TYPES	11,887	5,778	561	125	18,351

Table C.5.2
 Factors Contributing to 2001 Alaska Traffic Accidents
 Percent by Contributing Factor and Accident Severity

FACTOR TYPE	PERCENT BY FACTOR TYPE				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Human	77.4	81.0	82.5	82.4	78.7
Roadway	13.6	11.3	9.4	9.6	12.7
Environmental	6.9	5.8	3.9	7.2	6.5
Vehicular	2.1	1.9	4.1	0.8	2.1
ALL FACTOR TYPES	100.0	100.0	100.0	100.0	100.0

Table C.5.3
 Factors Contributing to 2000 Alaska Traffic Accidents
 Percent by Accident Severity and Contributing Factor

FACTOR TYPE	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Human	63.7	32.4	3.2	0.7	100.0
Roadway	69.3	27.9	2.3	0.5	100.0
Environmental	69.0	28.4	1.8	0.8	100.0
Vehicular	65.5	28.2	6.1	0.3	100.0
ALL FACTOR TYPES	64.8	31.5	3.1	0.7	100.0

Table C.6.1
Human Factors Contributing to 2001 Alaska Traffic Accidents
by Accident Severity

CONTRIBUTING FACTOR	NUMBER OF OCCURRENCES				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Alcohol, test given.....	319	240	44	11	614
Alcohol, no test given .	86	93	23	8	210
Alcohol suspected	195	83	16	12	306
Illegal drugs	19	19	—	3	41
Prescription medication	12	8	—	1	21
Lost consciousness	11	16	3	—	30
Fell asleep	48	65	3	3	119
Driver inattention	1,802	970	73	7	2,852
Passenger distraction ..	29	29	7	—	65
Physical disability	13	9	—	1	23
Illness	9	12	—	2	23
Driver inexperience	300	146	25	1	472
Unsafe backing	237	24	1	—	262
Failure to yield	1,181	746	61	4	1,992
Following too closely ..	582	265	12	1	860
Passing; wrong lane use	602	146	16	4	768
Pedestrian error	12	56	11	2	81
Traffic control ignored	367	330	24	3	724
Improper turning	475	146	10	1	632
Unsafe speed	2,252	1,011	106	27	3,396
Other human factor	651	268	28	12	959
ALL HUMAN FACTORS	9,202	4,682	463	103	14,450

Table C.6.2
Human Factors Contributing to 2001 Alaska Traffic Accidents
Percent by Contributing Factor and Accident Severity

CONTRIBUTING FACTOR	PERCENT BY CONTRIBUTING FACTOR				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Alcohol, test given.....	3.5	5.1	9.5	10.7	4.2
Alcohol, no test given .	0.9	2.0	5.0	7.8	1.5
Alcohol suspected	2.1	1.8	3.5	11.7	2.1
Illegal drugs	0.2	0.4	0.0	2.9	0.3
Prescription medication	0.1	0.2	0.0	1.0	0.1
Lost consciousness	0.1	0.3	0.6	0.0	0.2
Fell asleep	0.5	1.4	0.6	2.9	0.8
Driver inattention	19.6	20.7	15.8	6.8	19.7
Passenger distraction ..	0.3	0.6	1.5	0.0	0.4
Physical disability	0.1	0.2	0.0	1.0	0.2
Illness	0.1	0.3	0.0	1.9	0.2
Driver inexperience	3.3	3.1	5.4	1.0	3.3
Unsafe backing	2.6	0.5	0.2	0.0	1.8
Failure to yield	12.8	15.9	13.2	3.9	13.8
Following too closely ..	6.3	5.7	2.6	1.0	6.0
Passing; wrong lane use	6.5	3.1	3.5	3.9	5.3
Pedestrian error	0.1	1.2	2.4	1.9	0.6
Traffic control ignored	4.0	7.0	5.2	2.9	5.0
Improper turning	5.2	3.1	2.2	1.0	4.4
Unsafe speed	24.5	21.6	22.9	26.2	23.5
Other human factor	7.1	5.7	6.0	11.7	6.6
ALL HUMAN FACTORS	100.0	100.0	100.0	100.0	100.0

Table C.6.3
Human Factors Contributing to 2001 Alaska Traffic Accidents
Percent by Accident Severity and Contributing Factor

CONTRIBUTING FACTOR	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Alcohol, test given.....	52.0	39.1	7.2	1.8	100.0
Alcohol, no test given .	41.0	44.3	11.0	3.8	100.0
Alcohol suspected	63.7	27.1	5.2	3.9	100.0
Illegal drugs	46.3	46.3	0.0	7.3	100.0
Prescription medication	57.1	38.1	0.0	4.8	100.0
Lost conciousness	36.7	53.3	10.0	0.0	100.0
Fell asleep	40.3	54.6	2.5	2.5	100.0
Driver inattention	63.2	34.0	2.6	0.2	100.0
Passenger distraction ..	44.6	44.6	10.8	0.0	100.0
Physical disability	56.5	39.1	0.0	4.3	100.0
Illness	39.1	52.2	0.0	8.7	100.0
Driver inexperience	63.6	30.9	5.3	0.2	100.0
Unsafe backing	90.5	9.2	0.4	0.0	100.0
Failure to yield	59.3	37.4	3.1	0.2	100.0
Following too closely ..	67.7	30.8	1.4	0.1	100.0
Passing; wrong lane use	78.4	19.0	2.1	0.5	100.0
Pedestrian error	14.8	69.1	13.6	2.5	100.0
Traffic control ignored	50.7	45.6	3.3	0.4	100.0
Improper turning	75.2	23.1	1.6	0.2	100.0
Unsafe speed	66.3	29.8	3.1	0.8	100.0
Other human factor	67.9	27.9	2.9	1.3	100.0
ALL HUMAN FACTORS	63.7	32.4	3.2	0.7	100.0

Table C.7.1
Vehicular Factors Contributing to 2001 Alaska Traffic Accidents
by Accident Severity

CONTRIBUTING FACTOR	NUMBER OF OCCURRENCES				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Defective accelerator ..	9	7	1	—	17
Defective brakes	40	25	2	—	67
Tire failure; inadequacy	75	28	7	—	110
Steering failure	10	7	1	—	18
Windshield inadequacy ..	5	3	—	—	8
Defective headlights ...	2	5	1	—	8
Other lighting defect ..	10	3	—	—	13
Oversized vehicle	25	3	1	—	29
Defective tow hitch	10	1	—	—	11
Other vehicular factor ..	63	25	10	1	99
ALL VEHICULAR FACTORS ..	249	107	23	1	380

Table C.7.2
Vehicular Factors Contributing to 2001 Alaska Traffic Accidents
Percent by Contributing Factor and Accident Severity

CONTRIBUTING FACTOR	PERCENT CONTRIBUTING FACTOR				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Defective accelerator ..	3.6	6.5	4.3	0.0	4.5
Defective brakes	16.1	23.4	8.7	0.0	17.6
Tire failure; inadequacy	30.1	26.2	30.4	0.0	28.9
Steering failure	4.0	6.5	4.3	0.0	4.7
Windshield inadequacy ..	2.0	2.8	0.0	0.0	2.1
Defective headlights ...	0.8	4.7	4.3	0.0	2.1
Other lighting defect ..	4.0	2.8	0.0	0.0	3.4
Oversized vehicle	10.0	2.8	4.3	0.0	7.6
Defective tow hitch	4.0	0.9	0.0	0.0	2.9
Other vehicular factor ..	25.3	23.4	43.5	100.0	26.1
ALL VEHICULAR FACTORS ..	100.0	100.0	100.0	100.0	100.0

Table C.7.3
Vehicular Factors Contributing to 2001 Alaska Traffic Accidents
Percent by Accident Severity and Contributing Factor

CONTRIBUTING FACTOR	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Defective accelerator ..	52.9	41.2	5.9	0.0	100.0
Defective brakes	59.7	37.3	3.0	0.0	100.0
Tire failure; inadequacy	68.2	25.5	6.4	0.0	100.0
Steering failure	55.6	38.9	5.6	0.0	100.0
Windshield inadequacy ..	62.5	37.5	0.0	0.0	100.0
Defective headlights ...	25.0	62.5	12.5	0.0	100.0
Other lighting defect ..	76.9	23.1	0.0	0.0	100.0
Oversized vehicle	86.2	10.3	3.4	0.0	100.0
Defective tow hitch	90.9	9.1	0.0	0.0	100.0
Other vehicular factor ..	63.6	25.3	10.1	1.0	100.0
ALL VEHICULAR FACTORS ..	65.5	28.2	6.1	0.3	100.0

Table C.8.1
Environmental and Roadway Factors Contributing To
2001 Alaska Traffic Accidents
by Accident Severity

CONTRIBUTING FACTOR	NUMBER OF OCCURRENCES				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Animal action	437	143	6	3	589
Glare	59	32	3	2	96
View obstructed; limited	140	78	8	3	229
Other envir. factor	185	85	5	1	276
Bad lane marking	26	12	2	—	40
Construction debris	5	2	—	—	7
Pavement deteriorated ..	19	7	1	—	27
Pavement slippery	1,455	582	46	10	2,093
Inadequate shoulders ...	18	15	1	—	34
Sign missing or occluded	5	3	—	—	8
Signal inoperative	7	4	—	—	11
Other roadway factor ...	80	26	3	2	111
ALL ENVIR. AND ROADWAY .	2,436	989	75	21	3,521

Table C.8.2
Environmental and Roadway Factors Contributing To
2001 Alaska Traffic Accidents
Percent by Contributing Factor and Accident Severity

CONTRIBUTING FACTOR	PERCENT BY CONTRIBUTING FACTOR				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Animal action	17.9	14.5	8.0	14.3	16.7
Glare	2.4	3.2	4.0	9.5	2.7
View obstructed; limited	5.7	7.9	10.7	14.3	6.5
Other envir. factor	7.6	8.6	6.7	4.8	7.8
Bad lane marking	1.1	1.2	2.7	0.0	1.1
Construction debris	0.2	0.2	0.0	0.0	0.2
Pavement deteriorated ..	0.8	0.7	1.3	0.0	0.8
Pavement slippery	59.7	58.8	61.3	47.6	59.4
Inadequate shoulders ...	0.7	1.5	1.3	0.0	1.0
Sign missing or occluded	0.2	0.3	0.0	0.0	0.2
Signal inoperative	0.3	0.4	0.0	0.0	0.3
Other roadway factor ...	3.3	2.6	4.0	9.5	3.2
ALL ENVIR. AND ROADWAY	100.0	100.0	100.0	100.0	100.0

Table C.8.3
Environmental and Roadway Factors Contributing To
2001 Alaska Traffic Accidents
Percent by Accident Severity and Contributing Factor

CONTRIBUTING FACTOR	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Animal action	74.2	24.3	1.0	0.5	100.0
Glare	61.5	33.3	3.1	2.1	100.0
View obstructed; limited	61.1	34.1	3.5	1.3	100.0
Other envir. factor	67.0	30.8	1.8	0.4	100.0
Bad lane marking	65.0	30.0	5.0	0.0	100.0
Construction debris	71.4	28.6	0.0	0.0	100.0
Pavement deteriorated ..	70.4	25.9	3.7	0.0	100.0
Pavement slippery	69.5	27.8	2.2	0.5	100.0
Inadequate shoulders ...	52.9	44.1	2.9	0.0	100.0
Sign missing or occluded	62.5	37.5	0.0	0.0	100.0
Signal inoperative	63.6	36.4	0.0	0.0	100.0
Other roadway factor ...	72.1	23.4	2.7	1.8	100.0
ALL ENVIR. AND ROADWAY	69.2	28.1	2.1	0.6	100.0

D. OCCUPANTS OF AUTOMOBILES, TRUCKS, AND BUSES

Table D.1.1
Female Drivers In 2001 Alaska Traffic Accidents
Automobiles, Trucks, and Buses
By Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE DRIVERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	352	25	2	—	379
Under 13	5	2	—	—	7
14 — 15	23	5	—	—	28
16 — 20	1,563	340	12	3	1,918
21 — 25	993	261	12	1	1,267
26 — 30	840	232	10	1	1,083
31 — 35	827	175	11	2	1,015
36 — 40	965	261	11	1	1,238
41 — 45	935	203	6	—	1,144
46 — 50	734	173	6	1	914
51 — 55	512	153	4	3	672
56 — 60	313	87	3	—	403
61 — 64	147	42	1	—	190
65 — 70	142	35	—	—	177
71 — 74	71	19	—	—	90
75 — 80	60	18	3	—	81
81 — 85	36	9	1	—	46
Over 85	20	—	—	—	20
ALL AGES	8,538	2,040	82	12	10,672

Table D.1.2
Female Drivers In 2001 Alaska Traffic Accidents
Automobiles, Trucks, and Buses
Percent by Age and Injury Severity

AGE GROUP	PERCENT BY AGE GROUP				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	4.1	1.2	2.4	0.0	3.6
Under 13	0.1	0.1	0.0	0.0	0.1
14 — 15	0.3	0.2	0.0	0.0	0.3
16 — 20	18.3	16.7	14.6	25.0	18.0
21 — 25	11.6	12.8	14.6	8.3	11.9
26 — 30	9.8	11.4	12.2	8.3	10.1
31 — 35	9.7	8.6	13.4	16.7	9.5
36 — 40	11.3	12.8	13.4	8.3	11.6
41 — 45	11.0	10.0	7.3	0.0	10.7
46 — 50	8.6	8.5	7.3	8.3	8.6
51 — 55	6.0	7.5	4.9	25.0	6.3
56 — 60	3.7	4.3	3.7	0.0	3.8
61 — 64	1.7	2.1	1.2	0.0	1.8
65 — 70	1.7	1.7	0.0	0.0	1.7
71 — 74	0.8	0.9	0.0	0.0	0.8
75 — 80	0.7	0.9	3.7	0.0	0.8
81 — 85	0.4	0.4	1.2	0.0	0.4
Over 85	0.2	0.0	0.0	0.0	0.2
ALL AGES	100.0	100.0	100.0	100.0	100.0

Table D.1.3
 Female Drivers In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Injury Severity and Age

AGE GROUP	PERCENT BY INJURY SEVERITY				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	92.9	6.6	0.5	0.0	100.0
Under 13	71.4	28.6	0.0	0.0	100.0
14 - 15	82.1	17.9	0.0	0.0	100.0
16 - 20	81.5	17.7	0.6	0.2	100.0
21 - 25	78.4	20.6	0.9	0.1	100.0
26 - 30	77.6	21.4	0.9	0.1	100.0
31 - 35	81.5	17.2	1.1	0.2	100.0
36 - 40	77.9	21.1	0.9	0.1	100.0
41 - 45	81.7	17.7	0.5	0.0	100.0
46 - 50	80.3	18.9	0.7	0.1	100.0
51 - 55	76.2	22.8	0.6	0.4	100.0
56 - 60	77.7	21.6	0.7	0.0	100.0
61 - 64	77.4	22.1	0.5	0.0	100.0
65 - 70	80.2	19.8	0.0	0.0	100.0
71 - 74	78.9	21.1	0.0	0.0	100.0
75 - 80	74.1	22.2	3.7	0.0	100.0
81 - 85	78.3	19.6	2.2	0.0	100.0
Over 85	100.0	0.0	0.0	0.0	100.0
ALL AGES	80.0	19.1	0.8	0.1	100.0

Table D.2.1
Male Drivers In 2001 Alaska Traffic Accidents
Automobiles, Trucks, and Buses
by Age and Injury Severity

AGE GROUP	NUMBER OF MALE DRIVERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	686	17	1	1	705
Under 13	11	—	—	—	11
14 — 15	21	3	—	—	24
16 — 20	2,123	330	23	4	2,480
21 — 25	1,477	241	20	6	1,744
26 — 30	1,178	179	7	2	1,366
31 — 35	1,196	175	14	3	1,388
36 — 40	1,300	163	8	1	1,472
41 — 45	1,261	159	8	3	1,431
46 — 50	1,238	143	17	4	1,402
51 — 55	909	110	10	5	1,034
56 — 60	579	79	5	3	666
61 — 64	315	37	3	1	356
65 — 70	320	40	2	—	362
71 — 74	147	16	2	3	168
75 — 80	130	27	—	3	160
81 — 85	41	8	1	1	51
Over 85	27	2	—	—	29
ALL AGES	12,959	1,729	121	40	14,849

Table D.2.2
Male Drivers In 2001 Alaska Traffic Accidents
Automobiles, Trucks, and Buses
Percent by Age and Injury Severity

AGE GROUP	PERCENT BY AGE GROUP				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	5.3	1.0	0.8	2.5	4.7
Under 13	0.1	0.0	0.0	0.0	0.1
14 — 15	0.2	0.2	0.0	0.0	0.2
16 — 20	16.4	19.1	19.0	10.0	16.7
21 — 25	11.4	13.9	16.5	15.0	11.7
26 — 30	9.1	10.4	5.8	5.0	9.2
31 — 35	9.2	10.1	11.6	7.5	9.3
36 — 40	10.0	9.4	6.6	2.5	9.9
41 — 45	9.7	9.2	6.6	7.5	9.6
46 — 50	9.6	8.3	14.0	10.0	9.4
51 — 55	7.0	6.4	8.3	12.5	7.0
56 — 60	4.5	4.6	4.1	7.5	4.5
61 — 64	2.4	2.1	2.5	2.5	2.4
65 — 70	2.5	2.3	1.7	0.0	2.4
71 — 74	1.1	0.9	1.7	7.5	1.1
75 — 80	1.0	1.6	0.0	7.5	1.1
81 — 85	0.3	0.5	0.8	2.5	0.3
Over 85	0.2	0.1	0.0	0.0	0.2
ALL AGES	100.0	100.0	100.0	100.0	100.0

Table D.2.3
Male Drivers In 2001 Alaska Traffic Accidents
Automobiles, Trucks, and Buses
Percent by Injury Severity and Age

AGE GROUP	PERCENT BY INJURY SEVERITY				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	97.3	2.4	0.1	0.1	100.0
Under 13	100.0	0.0	0.0	0.0	100.0
14 - 15	87.5	12.5	0.0	0.0	100.0
16 - 20	85.6	13.3	0.9	0.2	100.0
21 - 25	84.7	13.8	1.1	0.3	100.0
26 - 30	86.2	13.1	0.5	0.1	100.0
31 - 35	86.2	12.6	1.0	0.2	100.0
36 - 40	88.3	11.1	0.5	0.1	100.0
41 - 45	88.1	11.1	0.6	0.2	100.0
46 - 50	88.3	10.2	1.2	0.3	100.0
51 - 55	87.9	10.6	1.0	0.5	100.0
56 - 60	86.9	11.9	0.8	0.5	100.0
61 - 64	88.5	10.4	0.8	0.3	100.0
65 - 70	88.4	11.0	0.6	0.0	100.0
71 - 74	87.5	9.5	1.2	1.8	100.0
75 - 80	81.3	16.9	0.0	1.9	100.0
81 - 85	80.4	15.7	2.0	2.0	100.0
Over 85	93.1	6.9	0.0	0.0	100.0
ALL AGES	87.3	11.6	0.8	0.3	100.0

Table D.3.1¹
 All Drivers In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF DRIVERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	2,292	44	3	1	2,340
Under 13	16	2	—	—	18
14 — 15	44	8	—	—	52
16 — 20	3,692	671	35	7	4,405
21 — 25	2,474	502	32	7	3,015
26 — 30	2,019	412	17	3	2,451
31 — 35	2,026	350	25	5	2,406
36 — 40	2,265	424	19	2	2,710
41 — 45	2,198	364	14	3	2,579
46 — 50	1,974	318	23	5	2,320
51 — 55	1,423	264	14	8	1,709
56 — 60	895	167	8	3	1,073
61 — 64	464	79	4	1	548
65 — 70	462	75	2	—	539
71 — 74	218	35	2	3	258
75 — 80	190	45	3	3	241
81 — 85	77	17	2	1	97
Over 85	47	2	—	—	49
ALL AGES	22,776	3,779	203	52	26,810

Table D.3.2
 All Drivers In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Age and Injury Severity

AGE GROUP	PERCENT BY AGE GROUP				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	10.1	1.2	1.5	1.9	8.7
Under 13	0.1	0.1	0.0	0.0	0.1
14 — 15	0.2	0.2	0.0	0.0	0.2
16 — 20	16.2	17.8	17.2	13.5	16.4
21 — 25	10.9	13.3	15.8	13.5	11.2
26 — 30	8.9	10.9	8.4	5.8	9.1
31 — 35	8.9	9.3	12.3	9.6	9.0
36 — 40	9.9	11.2	9.4	3.8	10.1
41 — 45	9.7	9.6	6.9	5.8	9.6
46 — 50	8.7	8.4	11.3	9.6	8.7
51 — 55	6.2	7.0	6.9	15.4	6.4
56 — 60	3.9	4.4	3.9	5.8	4.0
61 — 64	2.0	2.1	2.0	1.9	2.0
65 — 70	2.0	2.0	1.0	0.0	2.0
71 — 74	1.0	0.9	1.0	5.8	1.0
75 — 80	0.8	1.2	1.5	5.8	0.9
81 — 85	0.3	0.4	1.0	1.9	0.4
Over 85	0.2	0.1	0.0	0.0	0.2
ALL AGES	100.0	100.0	100.0	100.0	100.0

¹ Tables D.3.1, D.3.2, D.3.3 include drivers where sex was not indicated on the accident form.

Table D.3.3
 All Drivers In 2001 Alaska Traffic Accidents
 Automobilies, Trucks, and Buses
 Percent by Injury Severity and Age

AGE GROUP	PERCENT BY INJURY SEVERITY				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	97.9	1.9	0.1	0.0	100.0
Under 13	88.9	11.1	0.0	0.0	100.0
14 - 15	84.6	15.4	0.0	0.0	100.0
16 - 20	83.8	15.2	0.8	0.2	100.0
21 - 25	82.1	16.7	1.1	0.2	100.0
26 - 30	82.4	16.8	0.7	0.1	100.0
31 - 35	84.2	14.5	1.0	0.2	100.0
36 - 40	83.6	15.6	0.7	0.1	100.0
41 - 45	85.2	14.1	0.5	0.1	100.0
46 - 50	85.1	13.7	1.0	0.2	100.0
51 - 55	83.3	15.4	0.8	0.5	100.0
56 - 60	83.4	15.6	0.7	0.3	100.0
61 - 64	84.7	14.4	0.7	0.2	100.0
65 - 70	85.7	13.9	0.4	0.0	100.0
71 - 74	84.5	13.6	0.8	1.2	100.0
75 - 80	78.8	18.7	1.2	1.2	100.0
81 - 85	79.4	17.5	2.1	1.0	100.0
Over 85	95.9	4.1	0.0	0.0	100.0
ALL AGES	85.0	14.1	0.8	0.2	100.0

Table D.4.1
 Safety Equipment Use In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Injury Severity

SAFETY EQUIPMENT USE	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	10,855	548	29	3	11,435
No restraint used	1,348	718	140	38	2,244
No restraint available .	79	11	—	1	91
Lap belt	1,195	198	15	2	1,410
Harness	711	120	1	1	833
Lap belt and harness ...	21,580	4,026	144	23	25,773
Child restraint	972	70	2	—	1,044
Other restraint	90	10	—	1	101
ALL	36,830	5,701	331	69	42,931

Table D.4.2
 Safety Equipment Use In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Safety Equipment Use

SAFETY EQUIPMENT USE	PERCENT BY EQUIPMENT USE				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	29.5	9.6	8.8	4.3	26.6
No restraint used	3.7	12.6	42.3	55.1	5.2
No restraint available .	0.2	0.2	0.0	1.4	0.2
Lap belt	3.2	3.5	4.5	2.9	3.3
Harness	1.9	2.1	0.3	1.4	1.9
Lap belt and harness ...	58.6	70.6	43.5	33.3	60.0
Child restraint	2.6	1.2	0.6	0.0	2.4
Other restraint	0.2	0.2	0.0	1.4	0.2
ALL	100.0	100.0	100.0	100.0	100.0

Table D.4.3
 Safety Equipment Use In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Injury Severity

SAFETY EQUIPMENT USE	PERCENT BY INJURY SEVERITY				ALL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	94.9	4.8	0.3	0.0	100.0
No restraint used	60.1	32.0	6.2	1.7	100.0
No restraint available .	86.8	12.1	0.0	1.1	100.0
Lap belt	84.8	14.0	1.1	0.1	100.0
Harness	85.4	14.4	0.1	0.1	100.0
Lap belt and harness ...	83.7	15.6	0.6	0.1	100.0
Child restraint	93.1	6.7	0.2	0.0	100.0
Other restraint	89.1	9.9	0.0	1.0	100.0
ALL	85.8	13.3	0.8	0.2	100.0

Table D.5.1
 Female Occupants In 2001 Alaska Traffic
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	918	97	4	—	1,019
Under 4	379	25	2	1	407
4 — 10	612	101	5	—	718
11 — 15	601	118	4	2	725
16 — 20	2,528	567	30	4	3,129
21 — 25	1,376	399	20	2	1,797
26 — 30	1,069	314	14	1	1,398
31 — 35	1,035	231	14	2	1,282
36 — 40	1,149	328	11	1	1,489
41 — 45	1,160	262	12	—	1,434
46 — 50	902	246	7	1	1,156
51 — 55	651	188	6	3	848
56 — 60	419	124	5	1	549
61 — 64	213	61	3	1	278
65 — 70	221	66	2	—	289
71 — 74	106	27	—	1	134
75 — 80	105	34	4	—	143
81 — 85	58	15	1	—	74
Over 85	33	2	—	—	35
ALL AGES	13,535	3,205	144	20	16,904

Table D.5.2²
 Male Occupants In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	1,348	69	9	1	1,427
Under 4	445	30	1	—	476
4 — 10	664	83	6	3	756
11 — 15	602	93	3	—	698
16 — 20	3,191	494	41	7	3,733
21 — 25	1,931	334	30	7	2,302
26 — 30	1,419	216	12	4	1,651
31 — 35	1,351	219	18	3	1,591
36 — 40	1,466	193	10	1	1,670
41 — 45	1,424	192	11	3	1,630
46 — 50	1,372	170	18	4	1,564
51 — 55	1,005	132	11	5	1,153
56 — 60	637	96	6	3	742
61 — 64	354	44	4	1	403
65 — 70	347	46	3	—	396
71 — 74	171	22	2	3	198
75 — 80	149	29	1	3	182
81 — 85	56	8	1	1	66
Over 85	35	2	—	—	37
ALL AGES	17,967	2,472	187	49	20,675

² Table D.5.3 includes occupants where sex was not indicated on the accident form.

Table D.5.3
 All Occupants In 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	7,520	178	13	1	7,712
Under 4	830	55	3	1	889
4 - 10	1,285	184	11	3	1,483
11 - 15	1,209	212	7	2	1,430
16 - 20	5,735	1,064	71	11	6,881
21 - 25	3,315	733	50	9	4,107
26 - 30	2,494	532	26	5	3,057
31 - 35	2,390	450	32	5	2,877
36 - 40	2,618	521	21	2	3,162
41 - 45	2,588	456	23	3	3,070
46 - 50	2,276	418	25	5	2,724
51 - 55	1,659	321	17	8	2,005
56 - 60	1,059	221	11	4	1,295
61 - 64	569	105	7	2	683
65 - 70	569	112	5	—	686
71 - 74	277	49	2	4	332
75 - 80	254	63	5	3	325
81 - 85	115	23	2	1	141
Over 85	68	4	—	—	72
ALL AGES	36,830	5,701	331	69	42,931

Table D.6.1
2001 Alaska Traffic Accidents
Safety Equipment Use by Occupants Ages 0 Thru 3 Years
by Injury Severity

SAFETY EQUIPMENT USE	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	31	5	—	—	36
No restraint used	12	2	1	1	16
No restraint available .	2	—	—	—	2
Lap belt	23	3	—	—	26
Harness	4	—	—	—	4
Lap belt and harness ...	113	6	2	—	121
Child restraint	645	39	—	—	684
ALL	830	55	3	1	889

Table D.6.2
2001 Alaska Traffic Accidents
Safety Equipment Use by Occupants Ages 4 Thru 10 Years
by Injury Severity

SAFETY EQUIPMENT USE	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	42	10	—	—	52
No restraint used	22	13	1	1	37
No restraint available .	5	1	—	—	6
Lap belt	188	24	4	2	218
Harness	22	3	—	—	25
Lap belt and harness ...	817	109	5	—	931
Child restraint	188	24	1	—	213
Other restraint	1	—	—	—	1
ALL	1,285	184	11	3	1,483

Table D.6.3
2001 Alaska Traffic Accidents
Safety Equipment Use by Occupants Ages 11 Thru 15 Years
by Injury Severity

SAFETY EQUIPMENT USE	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	46	19	1	—	66
No restraint used	63	41	1	1	106
No restraint available .	20	—	—	—	20
Lap belt	127	25	2	—	154
Harness	29	2	—	—	31
Lap belt and harness ...	919	124	3	1	1,047
Child restraint	4	1	—	—	5
Other restraint	1	—	—	—	1
ALL	1,209	212	7	2	1,430

E. PEDESTRIANS AND PEDALCYCLISTS

Table E.1.1
Pedestrians in 2001 Alaska Traffic Accidents
by Borough and Injury Severity

BOROUGH	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Greater Anchorage Area .	17	79	16	5	117
Fairbanks North Star ...	1	13	1	—	15
Kenai	—	1	2	—	3
Matanuska-Susitna	—	9	5	1	15
Greater Juneau Area	1	9	2	—	12
Kodiak	1	2	—	—	3
Ketchikan Gateway	2	12	1	—	15
Sitka	—	2	1	—	3
North Slope	—	1	—	—	1
Bristol Bay	—	1	—	—	1
Unorganized	1	9	2	1	13
STATEWIDE	23	138	30	7	198

Table E.1.2
Pedestrians in 2001 Alaska Traffic Accidents
by Month and Injury Severity

MONTH	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
January	3	11	2	1	17
February	5	11	3	—	19
March	1	9	1	1	12
April	2	11	6	1	20
May	1	11	3	—	15
June	1	17	1	—	19
July	1	7	4	—	12
August	3	12	3	—	18
September	—	10	4	1	15
October	5	15	—	1	21
November	—	7	1	1	9
December	1	17	2	1	21
ALL YEAR	23	138	30	7	198

Table E.1.3.
Pedestrians in 2001 Alaska Traffic Accidents
by Day of Week and Injury Severity

DAY OF WEEK	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Friday	—	15	5	1	21
Saturday	5	19	7	1	32
Sunday	2	16	4	2	24
Monday	—	18	4	1	23
Tuesday	6	17	5	—	28
Wednesday	8	29	3	1	41
Thursday	2	24	2	1	29
ALL WEEK	23	138	30	7	198

Table E.1.4
Pedestrians in 2001 Alaska Traffic Accidents
by Time of Day and Injury Severity

TIME PERIOD	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
12 — 1:59 a.m.	3	3	—	—	6
2 — 3:59 a.m.	1	7	2	—	10
4 — 5:59 a.m.	—	3	2	1	6
6 — 7:59 a.m.	—	3	1	2	6
8 — 9:59 a.m.	—	8	—	—	8
10 — 11:59 a.m.	2	7	3	—	12
12 — 1:59 p.m.	2	16	4	1	23
2 — 3:59 p.m.	4	24	3	1	32
4 — 5:59 p.m.	5	22	5	—	32
6 — 7:59 p.m.	3	18	3	—	24
8 — 9:59 p.m.	3	20	5	—	28
10 — 11:59 p.m.	—	7	2	2	11
ALL DAY	23	138	30	7	198

Table E.2.1
 Female Pedestrians In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE PEDESTRIANS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	3	3	1	7
Under 4	—	1	—	1
4 — 10	2	4	2	8
11 — 15	1	13	2	16
16 — 20	—	9	1	10
21 — 25	—	5	—	5
26 — 30	—	1	—	1
31 — 35	1	1	—	2
36 — 40	1	5	1	7
41 — 45	—	3	1	4
46 — 50	3	5	—	8
51 — 55	—	2	1	3
56 — 60	—	3	1	4
61 — 64	—	1	—	1
65 — 70	—	2	—	2
75 — 80	—	1	—	1
ALL AGES	11	59	10	80

Table E.2.2
 Male Pedestrians In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	1	5	1	—	7
Under 4	1	2	1	—	4
4 — 10	—	5	4	—	9
11 — 15	2	12	1	—	15
16 — 20	—	8	2	—	10
21 — 25	1	8	3	—	12
26 — 30	—	1	—	—	1
31 — 35	—	3	2	1	6
36 — 40	1	5	—	1	7
41 — 45	—	6	3	1	10
46 — 50	1	7	2	—	10
51 — 55	2	9	—	—	11
56 — 60	1	3	—	1	5
61 — 64	—	—	—	1	1
65 — 70	—	4	—	1	5
71 — 74	—	—	—	1	1
81 — 85	—	1	1	—	2
ALL AGES	10	79	20	7	116

Table E.2.3³
 All Pedestrians In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	6	8	2	—	16
Under 4	1	3	1	—	5
4 — 10	2	9	6	—	17
11 — 15	3	25	3	—	31
16 — 20	—	17	3	—	20
21 — 25	1	13	3	—	17
26 — 30	—	2	—	—	2
31 — 35	1	4	2	1	8
36 — 40	2	10	1	1	14
41 — 45	—	9	4	1	14
46 — 50	4	12	2	—	18
51 — 55	2	11	1	—	14
56 — 60	1	6	1	1	9
61 — 64	—	1	—	1	2
65 — 70	—	6	—	1	7
71 — 74	—	—	—	1	1
75 — 80	—	1	—	—	1
81 — 85	—	1	1	—	2
ALL AGES	23	138	30	7	198

³ Table E.2.3 includes pedestrians where sex was not indicated on the accident form.

Table E.3.1
 All Pedestrians In 2001 Alcohol-Related Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	1	3	—	—	4
4 — 10	—	2	—	—	2
11 — 15	—	2	1	—	3
16 — 20	—	1	—	—	1
21 — 25	—	5	2	—	7
31 — 35	—	1	—	1	2
36 — 40	1	3	—	—	4
41 — 45	—	3	2	1	6
46 — 50	—	5	1	—	6
51 — 55	1	—	—	—	1
56 — 60	—	—	—	1	1
61 — 64	—	—	—	1	1
71 — 74	—	—	—	1	1
ALL AGES	3	25	6	5	39

Table E.4.1
 Female Alcohol-Impaired Pedestrians In
 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE PEDESTRIANS		TOTAL
	No Injuries	Minor Injury	
Unknown	1	1	2
21 - 25	—	1	1
41 - 45	—	1	1
46 - 50	—	2	2
ALL AGES	1	5	6

Table E.4.2
 Male Alcohol-Impaired Pedestrians In
 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	—	2	—	—	2
21 - 25	—	4	1	—	5
31 - 35	—	1	—	1	2
36 - 40	1	2	—	—	3
41 - 45	—	2	2	1	5
46 - 50	—	3	1	—	4
51 - 55	1	—	—	—	1
61 - 64	—	—	—	1	1
ALL AGES	2	14	4	3	23

Table E.4.3⁴
 All Alcohol-Impaired Pedestrians In
 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF PEDESTRIANS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	1	3	—	—	4
21 - 25	—	5	1	—	6
31 - 35	—	1	—	1	2
36 - 40	1	2	—	—	3
41 - 45	—	3	2	1	6
46 - 50	—	5	1	—	6
51 - 55	1	—	—	—	1
61 - 64	—	—	—	1	1
ALL AGES	3	19	4	3	29

⁴ Table E.4.3 includes pedestrians where sex was not indicated on the accident form

Table E.5.1⁵
Pedalcycles in 2001 Alaska Traffic Accidents
by Borough and Injury Severity

BOROUGH	NUMBER OF PEDALCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Greater Anchorage Area .	25	98	13	—	136
Fairbanks North Star ...	2	12	5	—	19
Kenai	1	2	—	—	3
Matanuska-Susitna	1	4	1	—	6
Greater Juneau Area	—	2	—	—	2
Kodiak	—	1	—	—	1
Ketchikan Gateway	—	2	—	—	2
Sitka	1	6	—	1	8
Haines	—	1	—	—	1
Unorganized	—	5	—	—	5
STATEWIDE	30	133	19	1	183

Table E.5.2
Pedalcycles in 2001 Alaska Traffic Accidents
by Month and Injury Severity

MONTH	NUMBER OF PEDALCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
January	1	—	—	—	1
February	1	—	2	—	3
April	4	6	2	—	12
May	6	16	4	1	27
June	7	26	2	—	35
July	4	30	3	—	37
August	6	34	3	—	43
September	1	15	2	—	18
October	—	4	1	—	5
November	—	1	—	—	1
December	—	1	—	—	1
ALL YEAR	30	133	19	1	183

⁵ Tables E.5.1, E.5.2, E.5.3, and E.5.4 use vehicle injury status and count vehicles. For example, the most serious injury on 133 bicycles was minor.

Table E.5.3.
Pedalcycles in 2001 Alaska Traffic Accidents
by Day of Week and Injury Severity

DAY OF WEEK	NUMBER OF PEDALCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Friday	3	26	3	—	32
Saturday	1	14	3	—	18
Sunday	4	11	3	—	18
Monday	5	23	2	—	30
Tuesday	8	20	—	—	28
Wednesday	6	23	6	1	36
Thursday	3	16	2	—	21
ALL WEEK	30	133	19	1	183

Table E.5.4
Pedalcycles in 2001 Alaska Traffic Accidents
by Time of Day and Injury Severity

TIME PERIOD	NUMBER OF PEDALCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
12 — 1:59 a.m.	—	2	1	—	3
2 — 3:59 a.m.	—	1	—	—	1
4 — 5:59 a.m.	—	1	—	—	1
6 — 7:59 a.m.	5	4	—	—	9
8 — 9:59 a.m.	1	6	1	—	8
10 — 11:59 a.m.	3	11	3	—	17
12 — 1:59 p.m.	4	18	2	—	24
2 — 3:59 p.m.	5	15	2	—	22
4 — 5:59 p.m.	3	34	3	—	40
6 — 7:59 p.m.	3	24	3	1	31
8 — 9:59 p.m.	4	11	2	—	17
10 — 11:59 p.m.	2	6	2	—	10
ALL DAY	30	133	19	1	183

Table E.6.1
 Female Pedalcyclists In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE PEDALCYCLISTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	2	3	—	—	5
4 — 10	—	6	1	—	7
11 — 15	1	2	1	—	4
16 — 20	—	9	—	—	9
21 — 25	—	7	1	1	9
26 — 30	—	4	—	—	4
31 — 35	—	2	—	—	2
41 — 45	—	2	1	—	3
46 — 50	—	2	—	—	2
51 — 55	1	1	—	—	2
56 — 60	—	1	—	—	1
61 — 64	1	—	—	—	1
ALL AGES	5	39	4	1	49

Table E.6.2
 Male Pedalcyclists In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE PEDALCYCLISTS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	5	5	—	10
4 — 10	1	8	1	10
11 — 15	5	24	2	31
16 — 20	4	13	3	20
21 — 25	2	7	2	11
26 — 30	1	5	1	7
31 — 35	—	7	2	9
36 — 40	3	3	—	6
41 — 45	2	5	—	7
46 — 50	—	7	1	8
51 — 55	—	4	1	5
56 — 60	1	4	1	6
71 — 74	—	—	1	1
ALL AGES	24	92	15	131

Table E.6.3⁶
 All Pedalcyclists In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF PEDALCYCLISTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	9	10	—	—	19
4 — 10	1	14	2	—	17
11 — 15	6	26	3	—	35
16 — 20	4	22	3	—	29
21 — 25	2	14	3	1	20
26 — 30	1	9	1	—	11
31 — 35	—	9	2	—	11
36 — 40	3	3	—	—	6
41 — 45	2	7	1	—	10
46 — 50	—	9	1	—	10
51 — 55	1	5	1	—	7
56 — 60	1	5	1	—	7
61 — 64	1	—	—	—	1
71 — 74	—	—	1	—	1
ALL AGES	31	133	19	1	184

Table E.7.1
 All Pedalcyclists In 2001 Alcohol-Related Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF PEDALCYCLISTS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	—	2	—	2
16 — 20	—	1	—	1
21 — 25	1	—	—	1
26 — 30	—	1	1	2
31 — 35	—	—	1	1
36 — 40	—	1	—	1
41 — 45	—	2	—	2
46 — 50	—	1	—	1
51 — 55	—	—	1	1
ALL AGES	1	8	3	12

⁶ Table E.6.3 includes pedalcyclists where sex was not indicated on the accident form.

Table E.8.2⁷
**Male Alcohol-Impaired Pedalcyclists In
 2001 Alaska Traffic Accidents
 by Age and Injury Severity**

AGE GROUP	NUMBER OF MALE PEDALCYCLISTS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	—	1	—	1
16 — 20	—	1	—	1
21 — 25	1	—	—	1
26 — 30	—	1	1	2
36 — 40	—	1	—	1
41 — 45	—	1	—	1
46 — 50	—	1	—	1
51 — 55	—	—	1	1
ALL AGES	1	6	2	9

Table E.8.3
**All Alcohol-Impaired Pedalcyclists In
 2001 Alaska Traffic Accidents
 by Age and Injury Severity**

AGE GROUP	NUMBER OF PEDALCYCLISTS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	—	1	—	1
16 — 20	—	1	—	1
21 — 25	1	—	—	1
26 — 30	—	1	1	2
36 — 40	—	1	—	1
41 — 45	—	1	—	1
46 — 50	—	1	—	1
51 — 55	—	—	1	1
ALL AGES	1	6	2	9

⁷ There were no alcohol impaired female pedalcyclists involved in traffic accidents in 2001 (Table E.8.1 not published). Table E.8.3 includes pedalcyclists where sex was not indicated on the accident form.

F. MOTORCYCLES AND RECREATIONAL VEHICLES

Table F.1.1⁸
Motorcycles in 2001 Alaska Traffic Accidents
by Borough and Injury Severity

BOROUGH	NUMBER OF MOTORCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Greater Anchorage Area .	24	42	10	3	79
Fairbanks North Star ...	2	13	1	2	18
Kenai	4	4	8	1	17
Matanuska-Susitna	2	11	8	—	21
Greater Juneau Area	—	5	2	—	7
Kodiak	—	—	1	—	1
Ketchikan Gateway	—	1	—	—	1
Sitka	—	—	1	—	1
North Slope	—	1	1	—	2
Unorganized	1	—	2	1	4
STATEWIDE	33	77	34	7	151

Table F.1.2
Motorcycles in 2001 Alaska Traffic Accidents
by Month and Injury Severity

MONTH	NUMBER OF MOTORCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
January	—	2	—	—	2
March	1	2	—	—	3
April	4	3	5	1	13
May	4	10	6	1	21
June	8	16	10	—	34
July	8	11	5	1	25
August	5	17	5	2	29
September	3	12	3	2	20
October	—	4	—	—	4
ALL YEAR	33	77	34	7	151

⁸ Tables F.1.1, F.1.2, F.1.3 and F.1.4 use vehicle injury status and count by vehicle. For example, on 77 motorcycles, there were only minor injuries.

Table F.1.3
Motorcycles in 2001 Alaska Traffic Accidents
by Day of Week and Injury Severity

DAY OF WEEK	NUMBER OF MOTORCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Friday	7	14	3	—	24
Saturday	8	11	4	4	27
Sunday	5	14	9	2	30
Monday	2	11	4	—	17
Tuesday	3	9	—	1	13
Wednesday	6	10	9	—	25
Thursday	2	8	5	—	15
ALL WEEK	33	77	34	7	151

Table F.1.4
Motorcycles in 2001 Alaska Traffic Accidents
by Time of Day and Injury Severity

TIME PERIOD	NUMBER OF MOTORCYCLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
12 — 1:59 a.m.	—	8	1	1	10
2 — 3:59 a.m.	2	2	1	—	5
4 — 5:59 a.m.	—	3	3	—	6
8 — 9:59 a.m.	1	1	1	—	3
10 — 11:59 a.m.	1	5	—	—	6
12 — 1:59 p.m.	8	8	1	1	18
2 — 3:59 p.m.	6	8	7	1	22
4 — 5:59 p.m.	7	15	5	—	27
6 — 7:59 p.m.	6	7	7	2	22
8 — 9:59 p.m.	2	12	5	2	21
10 — 11:59 p.m.	—	8	3	—	11
ALL DAY	33	77	34	7	151

Table F.2.1
 Motorcycle Operators In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MOTORCYCLE OPERATORS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	3	3	—	—	6
11 — 15	—	1	—	1	2
16 — 20	2	6	5	—	13
21 — 25	6	14	3	—	23
26 — 30	6	14	1	1	22
31 — 35	2	3	1	1	7
36 — 40	3	3	1	—	7
41 — 45	2	10	4	1	17
46 — 50	5	10	11	1	27
51 — 55	2	6	4	1	13
56 — 60	2	3	1	1	7
61 — 64	—	1	2	—	3
65 — 70	—	1	1	—	2
75 — 80	1	1	—	—	2
ALL AGES	34	76	34	7	151

Table F.3.1
 Female Motorcycle Riders In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE MOTORCYCLE RIDERS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	—	1	—	1
16 — 20	—	2	—	2
26 — 30	—	3	—	3
31 — 35	—	1	—	1
36 — 40	—	2	1	3
41 — 45	—	2	1	3
46 — 50	1	1	1	3
51 — 55	—	1	—	1
61 — 64	—	1	—	1
ALL AGES	1	14	3	18

Table F.3.2
 Male Motorcycle Riders In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE MOTORCYCLE RIDERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	1	3	1	—	5
11 — 15	—	3	—	1	4
16 — 20	2	5	5	—	12
21 — 25	7	14	3	—	24
26 — 30	6	12	1	1	20
31 — 35	2	2	1	1	6
36 — 40	3	3	1	—	7
41 — 45	2	9	3	1	15
46 — 50	5	10	10	1	26
51 — 55	2	6	4	1	13
56 — 60	2	3	1	1	7
61 — 64	—	1	2	—	3
65 — 70	—	1	1	—	2
75 — 80	1	1	—	—	2
ALL AGES	33	73	33	7	146

Table F.3.3⁹
 All Motorcycle Riders In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MOTORCYCLE RIDERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	3	4	1	—	8
11 — 15	—	3	—	1	4
16 — 20	2	7	5	—	14
21 — 25	7	14	3	—	24
26 — 30	6	15	1	1	23
31 — 35	2	3	1	1	7
36 — 40	3	5	2	—	10
41 — 45	2	11	4	1	18
46 — 50	6	11	11	1	29
51 — 55	2	7	4	1	14
56 — 60	2	3	1	1	7
61 — 64	—	2	2	—	4
65 — 70	—	1	1	—	2
75 — 80	1	1	—	—	2
ALL AGES	36	87	36	7	166

⁹ Table F.3.3 includes motorcyclists where sex was not indicated on the accident form.

Table F.4.1
All Motorcycle Riders In Alcohol-Related
2001 Alaska Traffic Accidents
by Age and Injury Severity

AGE GROUP	NUMBER OF MOTORCYCLE RIDERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	—	2	—	—	2
11 — 15	—	1	—	—	1
16 — 20	—	1	1	—	2
21 — 25	—	4	1	—	5
26 — 30	2	2	—	1	5
31 — 35	1	1	—	1	3
36 — 40	—	3	—	—	3
41 — 45	—	3	—	1	4
46 — 50	—	1	2	1	4
51 — 55	—	—	1	—	1
56 — 60	—	—	—	1	1
ALL AGES	3	18	5	5	31

Table F.5.1
All Motorcycle Riders With Alcohol-Impaired Motorcycle
Operators in 2001 Alaska Traffic Accidents
by Age and Injury Severity

AGE GROUP	NUMBER OF MOTORCYCLE RIDERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	—	2	—	—	2
11 — 15	—	1	—	—	1
16 — 20	—	1	1	—	2
21 — 25	—	3	1	—	4
26 — 30	1	2	—	1	4
31 — 35	1	1	—	1	3
36 — 40	—	2	—	—	2
41 — 45	—	3	—	1	4
46 — 50	—	1	2	1	4
51 — 55	—	—	1	—	1
56 — 60	—	—	—	1	1
ALL AGES	2	16	5	5	28

Table F.6.1
 Motorcycle Riders in 2001 Alaska Traffic Accidents
 by Helmet Use and Injury Severity

HELMET USE	NUMBER OF MOTORCYCLE RIDERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	13	11	5	1	30
Helmet not worn	9	32	11	6	58
Helmet worn	14	44	20	—	78
ALL RIDERS	36	87	36	7	166

Table F.6.2
 Motorcycle Riders in 2001 Alaska Traffic Accidents
 by Helmet Use and Head, Eye, or Face Injuries

HELMET USE	NUMBER OF MOTORCYCLE RIDERS				TOTAL
	No Head Injury Or Unknown	Head-Related Minor Injury	Head-Related Major Injury	Head-Related Fatality	
Unknown	24	4	2	—	30
Helmet not worn	40	12	3	3	58
Helmet worn	71	5	2	—	78
ALL RIDERS	135	21	7	3	166

Table F.7.1¹⁰
 Snow Machines and All Terrain Vehicles in
 2001 Alaska Traffic Accidents
 by Borough and Injury Severity

BOROUGH	NUMBER OF VEHICLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Greater Anchorage Area .	5	2	—	—	7
Fairbanks North Star ...	6	6	1	1	14
Kenai	6	2	2	—	10
Matanuska-Susitna	9	8	4	1	22
Greater Juneau Area	—	—	2	—	2
North Slope	7	9	2	—	18
Unorganized	4	13	3	3	23
STATEWIDE	37	40	14	5	96

Table F.7.2
 Snow Machines and All Terrain Vehicles in
 2001 Alaska Traffic Accidents
 by Month and Injury Severity

MONTH	NUMBER OF VEHICLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
January	11	4	3	3	21
February	7	6	4	1	18
March	1	5	1	—	7
April	2	2	—	—	4
May	1	5	1	—	7
June	—	6	—	—	6
July	1	—	2	—	3
August	6	3	1	—	10
September	1	2	1	—	4
October	2	2	—	—	4
November	1	1	1	1	4
December	4	4	—	—	8
ALL YEAR	37	40	14	5	96

Table F.7.3
 Snow Machines and All Terrain Vehicles in
 2001 Alaska Traffic Accidents
 by Day of Week and Injury Severity

DAY OF WEEK	NUMBER OF VEHICLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
Friday	6	5	2	1	14
Saturday	9	8	—	2	19
Sunday	3	8	3	—	14
Monday	7	7	1	1	16
Tuesday	—	5	5	—	10
Wednesday	4	5	2	—	11
Thursday	8	2	1	1	12
ALL WEEK	37	40	14	5	96

¹⁰ Tables F.7.1, F.7.2, F.7.3, and F.7.4 use vehicle injury status and count vehicles.

Table F.7.4
 Snow Machines and All Terrain Vehicles in
 2001 Alaska Traffic Accidents
 by Time of Day and Injury Severity

TIME PERIOD	NUMBER OF VEHICLES				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatality	
12 - 1:59 a.m.	—	4	1	2	7
2 - 3:59 a.m.	3	1	—	1	5
4 - 5:59 a.m.	—	—	1	—	1
6 - 7:59 a.m.	5	2	—	—	7
8 - 9:59 a.m.	2	—	—	—	2
10 - 11:59 a.m.	3	3	1	1	8
12 - 1:59 p.m.	3	3	1	—	7
2 - 3:59 p.m.	6	7	2	—	15
4 - 5:59 p.m.	6	7	3	—	16
6 - 7:59 p.m.	4	4	4	—	12
8 - 9:59 p.m.	5	5	—	1	11
10 - 11:59 p.m.	—	4	1	—	5
ALL DAY	37	40	14	5	96

Table F.8.1
 All Snow Machine and All Terrain Vehicle Operators
 In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF OPERATORS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	12	1	—	—	13
4 — 10	1	2	—	—	3
11 — 15	8	10	4	—	22
16 — 20	8	9	3	1	21
21 — 25	3	5	1	1	10
26 — 30	1	1	1	—	3
31 — 35	1	1	—	1	3
36 — 40	1	2	—	—	3
41 — 45	—	—	—	2	2
46 — 50	1	—	1	—	2
51 — 55	—	1	—	—	1
56 — 60	1	1	—	—	2
61 — 64	2	—	1	—	3
65 — 70	1	1	—	—	2
ALL AGES	40	34	11	5	90

Table F.9.1
 Female Snow Machine and All Terrain Vehicle Riders
 In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE OCCUPANTS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	4	—	—	4
4 — 10	—	—	1	1
11 — 15	5	4	3	12
16 — 20	3	3	1	7
21 — 25	—	2	1	3
26 — 30	—	1	1	2
36 — 40	—	1	—	1
56 — 60	1	—	—	1
ALL AGES	13	11	7	31

Table F.9.2
 Male Snow Machine and All Terrain Vehicle Riders
 In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	3	3	—	—	6
Under 4	—	1	—	—	1
4 — 10	1	3	—	—	4
11 — 15	8	8	4	—	20
16 — 20	8	10	3	1	22
21 — 25	3	4	1	1	9
26 — 30	1	1	1	—	3
31 — 35	1	2	—	1	4
36 — 40	1	1	—	—	2
41 — 45	—	1	—	2	3
46 — 50	1	—	1	—	2
51 — 55	—	1	—	—	1
56 — 60	1	1	—	—	2
61 — 64	2	—	1	—	3
65 — 70	1	2	—	—	3
ALL AGES	31	38	11	5	85

Table F.9.3¹¹
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	23	3	—	—	26
Under 4	—	1	—	—	1
4 — 10	1	3	1	—	5
11 — 15	15	12	7	—	34
16 — 20	11	13	4	1	29
21 — 25	3	6	2	1	12
26 — 30	1	2	2	—	5
31 — 35	1	2	—	1	4
36 — 40	1	2	—	—	3
41 — 45	—	1	—	2	3
46 — 50	1	—	1	—	2
51 — 55	—	1	—	—	1
56 — 60	2	1	—	—	3
61 — 64	2	—	1	—	3
65 — 70	1	2	—	—	3
ALL AGES	62	49	18	5	134

¹¹ Table F.9.3 includes snow machine and all terrain vehicle riders where sex was not indicated on the accident form.

Table F.10.1
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alcohol-Related Alaska Traffic Accidents
 by Age and Injury Severity

AGE GROUP	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	3	1	—	—	4
Under 4	—	1	—	—	1
11 — 15	2	—	—	—	2
16 — 20	—	4	—	1	5
21 — 25	—	2	—	—	2
26 — 30	1	—	1	—	2
31 — 35	1	2	—	—	3
36 — 40	—	1	—	—	1
41 — 45	—	1	—	1	2
46 — 50	—	—	1	—	1
51 — 55	—	1	—	—	1
61 — 64	1	—	1	—	2
ALL AGES	8	13	3	2	26

Table F.10.2
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alcohol-Related Alaska Traffic Accidents
 by Month and Injury Severity

MONTH	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
January	2	2	—	1	5
February	1	1	—	—	2
March	—	2	1	—	3
April	—	2	—	—	2
May	1	1	—	—	2
July	1	—	—	—	1
August	1	1	1	—	3
September	1	1	—	—	2
October	—	2	—	—	2
November	—	—	1	1	2
December	1	1	—	—	2
ALL YEAR	8	13	3	2	26

Table F.10.3
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alcohol-Related Alaska Traffic Accidents
 by Borough and Injury Severity

BOROUGH	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Fairbanks North Star ...	1	2	—	—	3
Kenai	1	—	—	—	1
Matanuska-Susitna	1	3	—	—	4
North Slope	1	3	1	—	5
Unorganized	4	5	2	2	13
STATEWIDE	8	13	3	2	26

Table F.10.4
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alcohol-Related Alaska Traffic Accidents
 by City and Injury Severity

CITY	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Bethel	1	2	—	—	3
Barrow	—	2	—	—	2
Kotzebue	2	1	—	—	3
Rural	5	8	3	2	18
STATEWIDE	8	13	3	2	26

Table F.11.1
 Female Riders With Alcohol-Impaired Recreational Vehicle Operators
 In 2001 Alaska Traffic Accidents -- by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE OCCUPANTS			TOTAL
	No Injuries	Minor Injury	Major Injury	
Unknown	1	—	—	1
16 - 20	—	1	—	1
26 - 30	—	—	1	1
ALL AGES	1	1	1	3

Table F.11.2
 Male Riders With Alcohol-Impaired Recreational Vehicle Operators
 In 2001 Alaska Traffic Accidents -- by Age and Injury Severity

AGE GROUP	NUMBER OF MALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	—	1	—	—	1
Under 4	—	1	—	—	1
11 - 15	1	—	—	—	1
16 - 20	—	3	—	1	4
21 - 25	—	2	—	—	2
26 - 30	1	—	—	—	1
31 - 35	1	2	—	—	3
36 - 40	—	1	—	—	1
41 - 45	—	1	—	1	2
46 - 50	—	—	1	—	1
51 - 55	—	1	—	—	1
61 - 64	1	—	1	—	2
ALL AGES	4	12	2	2	20

Table F.11.3¹²
 All Riders With Alcohol-Impaired Recreational Vehicle Operators
 In 2001 Alaska Traffic Accidents -- by Age and Injury Severity

AGE GROUP	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	3	1	—	—	4
Under 4	—	1	—	—	1
11 - 15	1	—	—	—	1
16 - 20	—	4	—	1	5
21 - 25	—	2	—	—	2
26 - 30	1	—	1	—	2
31 - 35	1	2	—	—	3
36 - 40	—	1	—	—	1
41 - 45	—	1	—	1	2
46 - 50	—	—	1	—	1
51 - 55	—	1	—	—	1
61 - 64	1	—	1	—	2
ALL AGES	7	13	3	2	25

¹² Table F.11.3 includes recreational vehicle riders where sex was not indicated on the accident form.

Table F.12.1
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alaska Traffic Accidents
 by Helmet Use and Injury Severity

HELMET USE	NUMBER OF RV OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	34	8	1	3	46
Helmet not worn	22	29	16	1	68
Helmet worn	6	12	1	1	20
ALL RIDERS	62	49	18	5	134

Table F.12.2
 All Snow Machine and All Terrain Vehicle Riders
 In 2001 Alaska Traffic Accidents
 by Helmet Use and Head, Eye, or Face Injuries

HELMET USE	NUMBER OF RV OCCUPANTS				TOTAL
	No Head Injury Or Unknown	Head-Related Minor Injury	Head-Related Major Injury	Head-Related Fatality	
Unknown	43	2	—	1	46
Helmet not worn	58	5	4	1	68
Helmet worn	20	—	—	—	20
ALL RIDERS	121	7	4	2	134

G. ALCOHOL INVOLVEMENT FOR ALL VEHICLES

Table G.1.1
2001 Alaska Alcohol-Related Traffic Accidents
by Month and Accident Severity -- All Vehicles

MONTH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
January	59	29	8	2	98
February	36	26	4	1	67
March	44	28	7	3	82
April	34	45	6	4	89
May	53	41	9	—	103
June	58	47	10	4	119
July	33	32	3	6	74
August	44	35	15	4	98
September	67	45	6	1	119
October	54	42	5	4	105
November	50	31	3	3	87
December	72	23	6	4	105
ALL YEAR	604	424	82	36	1,146

Table G.1.2
2001 Alaska Alcohol-Related Traffic Accidents
Percent by Month and Accident Severity -- All Vehicles

MONTH	PERCENT BY MONTH				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
January	9.8	6.8	9.8	5.6	8.6
February	6.0	6.1	4.9	2.8	5.8
March	7.3	6.6	8.5	8.3	7.2
April	5.6	10.6	7.3	11.1	7.8
May	8.8	9.7	11.0	0.0	9.0
June	9.6	11.1	12.2	11.1	10.4
July	5.5	7.5	3.7	16.7	6.5
August	7.3	8.3	18.3	11.1	8.6
September	11.1	10.6	7.3	2.8	10.4
October	8.9	9.9	6.1	11.1	9.2
November	8.3	7.3	3.7	8.3	7.6
December	11.9	5.4	7.3	11.1	9.2
ALL YEAR	100.0	100.0	100.0	100.0	100.0

Table G.1.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Percent by Accident Severity and Month -- All Vehicles

MONTH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
January	60.2	29.6	8.2	2.0	100.0
February	53.7	38.8	6.0	1.5	100.0
March	53.7	34.1	8.5	3.7	100.0
April	38.2	50.6	6.7	4.5	100.0
May	51.5	39.8	8.7	0.0	100.0
June	48.7	39.5	8.4	3.4	100.0
July	44.6	43.2	4.1	8.1	100.0
August	44.9	35.7	15.3	4.1	100.0
September	56.3	37.8	5.0	0.8	100.0
October	51.4	40.0	4.8	3.8	100.0
November	57.5	35.6	3.4	3.4	100.0
December	68.6	21.9	5.7	3.8	100.0
ALL YEAR	52.7	37.0	7.2	3.1	100.0

Table G.2.1
 2001 Alaska Alcohol-Related Traffic Accidents
 by Day of Week and Accident Severity -- All Vehicles

DAY OF WEEK	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Friday	86	67	14	1	168
Saturday	126	74	15	12	227
Sunday	112	85	17	11	225
Monday	69	47	13	4	133
Tuesday	56	56	5	4	121
Wednesday	78	51	7	1	137
Thursday	77	44	11	3	135
ALL WEEK	604	424	82	36	1,146

Table G.2.2
 2001 Alaska Alcohol-Related Traffic Accidents
 Percent by Day of Week and Accident Severity -- All Vehicles

DAY OF WEEK	PERCENT BY DAY OF WEEK				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Friday	14.2	15.8	17.1	2.8	14.7
Saturday	20.9	17.5	18.3	33.3	19.8
Sunday	18.5	20.0	20.7	30.6	19.6
Monday	11.4	11.1	15.9	11.1	11.6
Tuesday	9.3	13.2	6.1	11.1	10.6
Wednesday	12.9	12.0	8.5	2.8	12.0
Thursday	12.7	10.4	13.4	8.3	11.8
ALL WEEK	100.0	100.0	100.0	100.0	100.0

Table G.2.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Percent by Accident Severity and Day of Week -- All Vehicles

DAY OF WEEK	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Friday	51.2	39.9	8.3	0.6	100.0
Saturday	55.5	32.6	6.6	5.3	100.0
Sunday	49.8	37.8	7.6	4.9	100.0
Monday	51.9	35.3	9.8	3.0	100.0
Tuesday	46.3	46.3	4.1	3.3	100.0
Wednesday	56.9	37.2	5.1	0.7	100.0
Thursday	57.0	32.6	8.1	2.2	100.0
ALL WEEK	52.7	37.0	7.2	3.1	100.0

Table G.3.1
2001 Alaska Alcohol-Related Traffic Accidents
by Time of Day and Accident Severity -- All Vehicles

TIME PERIOD	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
12 - 1:59 a.m.	108	68	12	4	192
2 - 3:59 a.m.	113	57	12	5	187
4 - 5:59 a.m.	42	23	6	4	75
6 - 7:59 a.m.	23	15	6	5	49
8 - 9:59 a.m.	19	12	-	1	32
10 - 11:59 a.m.	18	13	2	1	34
12 - 1:59 p.m.	29	16	2	-	47
2 - 3:59 p.m.	30	29	2	2	63
4 - 5:59 p.m.	51	35	6	-	92
6 - 7:59 p.m.	49	46	8	6	109
8 - 9:59 p.m.	46	54	17	3	120
10 - 11:59 p.m.	76	56	9	5	146
ALL DAY	604	424	82	36	1,146

Table G.3.2
2001 Alaska Alcohol-Related Traffic Accidents
Percent by Time of Day and Accident Severity-- All Vehicles

TIME PERIOD	PERCENT BY TWO-HOUR PERIOD				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
12 - 1:59 a.m.	17.9	16.0	14.6	11.1	16.8
2 - 3:59 a.m.	18.7	13.4	14.6	13.9	16.3
4 - 5:59 a.m.	7.0	5.4	7.3	11.1	6.5
6 - 7:59 a.m.	3.8	3.5	7.3	13.9	4.3
8 - 9:59 a.m.	3.1	2.8	0.0	2.8	2.8
10 - 11:59 a.m.	3.0	3.1	2.4	2.8	3.0
12 - 1:59 p.m.	4.8	3.8	2.4	0.0	4.1
2 - 3:59 p.m.	5.0	6.8	2.4	5.6	5.5
4 - 5:59 p.m.	8.4	8.3	7.3	0.0	8.0
6 - 7:59 p.m.	8.1	10.8	9.8	16.7	9.5
8 - 9:59 p.m.	7.6	12.7	20.7	8.3	10.5
10 - 11:59 p.m.	12.6	13.2	11.0	13.9	12.7
ALL DAY	100.0	100.0	100.0	100.0	100.0

Table G.3.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Percent by Accident Severity and Time of Day -- All Vehicles

TIME PERIOD	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
12 - 1:59 a.m.	56.3	35.4	6.3	2.1	100.0
2 - 3:59 a.m.	60.4	30.5	6.4	2.7	100.0
4 - 5:59 a.m.	56.0	30.7	8.0	5.3	100.0
6 - 7:59 a.m.	46.9	30.6	12.2	10.2	100.0
8 - 9:59 a.m.	59.4	37.5	0.0	3.1	100.0
10 - 11:59 a.m.	52.9	38.2	5.9	2.9	100.0
12 - 1:59 p.m.	61.7	34.0	4.3	0.0	100.0
2 - 3:59 p.m.	47.6	46.0	3.2	3.2	100.0
4 - 5:59 p.m.	55.4	38.0	6.5	0.0	100.0
6 - 7:59 p.m.	45.0	42.2	7.3	5.5	100.0
8 - 9:59 p.m.	38.3	45.0	14.2	2.5	100.0
10 - 11:59 p.m.	52.1	38.4	6.2	3.4	100.0
ALL DAY	52.7	37.0	7.2	3.1	100.0

Table G.4.1
2001 Alaska Alcohol-Related Traffic Accidents
by Borough and Accident Severity -- All Vehicles

BOROUGH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Greater Anchorage Area .	372	229	31	14	646
Fairbanks North Star ...	54	44	9	5	112
Kenai	43	36	9	5	93
Matanuska-Susitna	54	53	15	5	127
Greater Juneau Area	19	13	1	—	33
Kodiak	4	3	2	—	9
Ketchikan Gateway	11	10	—	1	22
Sitka	4	4	1	—	9
North Slope	4	2	2	—	8
Haines	1	—	—	—	1
Bristol Bay	—	1	—	—	1
Unorganized	38	29	12	6	85
STATEWIDE	604	424	82	36	1,146

Table G.4.2
2001 Alaska Alcohol-Related Traffic Accidents
Percent by Borough and Accident Severity -- All Vehicles

BOROUGH	PERCENT BY BOROUGH				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Greater Anchorage Area .	61.6	54.0	37.8	38.9	56.4
Fairbanks North Star ...	8.9	10.4	11.0	13.9	9.8
Kenai	7.1	8.5	11.0	13.9	8.1
Matanuska-Susitna	8.9	12.5	18.3	13.9	11.1
Greater Juneau Area	3.1	3.1	1.2	0.0	2.9
Kodiak	0.7	0.7	2.4	0.0	0.8
Ketchikan Gateway	1.8	2.4	0.0	2.8	1.9
Sitka	0.7	0.9	1.2	0.0	0.8
North Slope	0.7	0.5	2.4	0.0	0.7
Haines	0.2	0.0	0.0	0.0	0.1
Bristol Bay	0.0	0.2	0.0	0.0	0.1
Unorganized	6.3	6.8	14.6	16.7	7.4
STATEWIDE	100.0	100.0	100.0	100.0	100.0

Table G.4.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Percent by Accident Severity and Borough -- All Vehicles

BOROUGH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Greater Anchorage Area .	57.6	35.4	4.8	2.2	100.0
Fairbanks North Star ...	48.2	39.3	8.0	4.5	100.0
Kenai	46.2	38.7	9.7	5.4	100.0
Matanuska-Susitna	42.5	41.7	11.8	3.9	100.0
Greater Juneau Area	57.6	39.4	3.0	0.0	100.0
Kodiak	44.4	33.3	22.2	0.0	100.0
Ketchikan Gateway	50.0	45.5	0.0	4.5	100.0
Sitka	44.4	44.4	11.1	0.0	100.0
North Slope	50.0	25.0	25.0	0.0	100.0
Haines	100.0	0.0	0.0	0.0	100.0
Bristol Bay	0.0	100.0	0.0	0.0	100.0
Unorganized	44.7	34.1	14.1	7.1	100.0
STATEWIDE	52.7	37.0	7.2	3.1	100.0

Table G.5.1¹³
 Persons Involved in 2001 Alcohol-Related Traffic Accidents
 by Age and Injury Severity -- All Vehicles

AGE	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	371	26	5	—	402
Under 4	23	4	2	1	30
4 — 10	43	18	3	2	66
11 — 15	63	27	4	1	95
16 — 20	281	121	18	4	424
21 — 25	241	119	24	7	391
26 — 30	181	61	12	4	258
31 — 35	156	69	14	5	244
36 — 40	173	69	6	2	250
41 — 45	155	63	9	5	232
46 — 50	114	38	10	3	165
51 — 55	75	23	3	2	103
56 — 60	50	20	1	2	73
61 — 64	25	10	2	2	39
65 — 70	16	7	—	—	23
71 — 74	8	1	—	1	10
75 — 80	5	2	—	1	8
81 — 85	2	—	—	—	2
Over 85	2	1	—	—	3
ALL AGES	1,984	679	113	42	2,818

Table G.5.2
 Persons Involved in 2001 Alcohol-Related Traffic Accidents
 by Month and Injury Severity -- All Vehicles

MONTH	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
January	188	49	11	2	250
February	145	40	7	1	193
March	119	47	11	6	183
April	144	67	7	4	222
May	154	61	11	—	226
June	203	82	11	4	300
July	137	53	8	9	207
August	160	67	18	4	249
September	205	64	7	1	277
October	157	60	9	4	230
November	162	45	7	3	217
December	210	44	6	4	264
ALL YEAR	1,984	679	113	42	2,818

¹³ Tables G.5.1 through G.5.4 include all persons involved in alcohol related traffic accidents. Pedestrians and pedalcyclists are included. Counts do not represent impaired persons.

Table G.5.3
Persons Involved in 2001 Alcohol-Related Traffic Accidents
by Borough and Injury Severity -- All Vehicles

BOROUGH	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Greater Anchorage Area .	1,262	353	40	17	1,672
Fairbanks North Star ...	189	65	10	5	269
Kenai	137	65	19	8	229
Matanuska-Susitna	168	94	20	5	287
Greater Juneau Area	54	20	1	—	75
Kodiak	11	8	2	—	21
Ketchikan Gateway.....	28	15	—	1	44
Sitka	17	7	2	—	26
North Slope	10	5	2	—	17
Haines	4	—	—	—	4
Bristol Bay.....	2	1	—	—	3
Denali.....	7	1	2	1	11
Yakutat	—	1	—	—	1
Unorganized	95	44	15	5	159
STATEWIDE.....	1,984	679	113	42	2,818

Table G.5.4
Persons Involved in 2001 Alcohol-Related Traffic Accidents
by City and Injury Severity -- All Vehicles

CITY	NUMBER OF PERSONS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Anchorage	1,262	353	40	17	1,672
Fairbanks	85	29	3	3	120
Juneau	54	20	1	—	75
Sitka	17	7	2	—	26
Ketchikan	12	8	—	—	20
Kodiak	5	1	—	—	6
Kenai	38	11	2	—	51
Bethel	9	7	—	—	16
Nome	12	3	—	—	15
Valdez	2	1	1	—	4
Wasilla	26	12	5	—	43
Homer	11	4	—	—	15
Barrow	8	2	—	—	10
Petersburg	11	7	—	—	18
Soldotna	17	5	3	—	25
Kotzebue	7	2	—	—	9
Palmer	1	3	—	—	4
Seward	2	8	1	—	11
Wrangell	5	—	—	—	5
Cordova	3	2	—	—	5
Dillingham	2	2	1	—	5
Rural	369	178	47	20	614
Smaller Towns.....	26	14	7	2	49
STATEWIDE.....	1,984	679	113	42	2,818

H. ALCOHOL INVOLVEMENT FOR AUTOMOBILES, TRUCKS, AND BUSES

Table H.1.1
2001 Alaska Alcohol-Related Traffic Accidents
Automobiles, Trucks, and Buses
by Month and Accident Severity

MONTH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
January	59	28	8	1	96
February	36	25	4	1	66
March	44	27	7	3	81
April	34	44	5	4	87
May	53	40	8	—	101
June	57	45	10	4	116
July	33	32	3	5	73
August	44	34	14	4	96
September	67	44	5	—	116
October	54	40	5	3	102
November	50	31	3	2	86
December	72	22	6	4	104
ALL YEAR	603	412	78	31	1,124

Table H.1.2
2001 Alaska Alcohol-Related Traffic Accidents
Automobiles, Trucks, and Buses
Percent by Month and Accident Severity

MONTH	PERCENT BY MONTH				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
January	9.8	6.8	10.3	3.2	8.5
February	6.0	6.1	5.1	3.2	5.9
March	7.3	6.6	9.0	9.7	7.2
April	5.6	10.7	6.4	12.9	7.7
May	8.8	9.7	10.3	0.0	9.0
June	9.5	10.9	12.8	12.9	10.3
July	5.5	7.8	3.8	16.1	6.5
August	7.3	8.3	17.9	12.9	8.5
September	11.1	10.7	6.4	0.0	10.3
October	9.0	9.7	6.4	9.7	9.1
November	8.3	7.5	3.8	6.5	7.7
December	11.9	5.3	7.7	12.9	9.3
ALL YEAR	100.0	100.0	100.0	100.0	100.0

Table H.1.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Accident Severity and Month

MONTH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
January	61.5	29.2	8.3	1.0	100.0
February	54.5	37.9	6.1	1.5	100.0
March	54.3	33.3	8.6	3.7	100.0
April	39.1	50.6	5.7	4.6	100.0
May	52.5	39.6	7.9	0.0	100.0
June	49.1	38.8	8.6	3.4	100.0
July	45.2	43.8	4.1	6.8	100.0
August	45.8	35.4	14.6	4.2	100.0
September	57.8	37.9	4.3	0.0	100.0
October	52.9	39.2	4.9	2.9	100.0
November	58.1	36.0	3.5	2.3	100.0
December	69.2	21.2	5.8	3.8	100.0
ALL YEAR	53.6	36.7	6.9	2.8	100.0

Table H.2.1
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 by Day of Week and Accident Severity

DAY OF WEEK	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Friday	85	65	14	1	165
Saturday	126	71	15	9	221
Sunday	112	84	16	10	222
Monday	69	45	13	3	130
Tuesday	56	54	5	4	119
Wednesday	78	49	5	1	133
Thursday	77	44	10	3	134
ALL WEEK	603	412	78	31	1,124

Table H.2.2
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Day of Week and Accident Severity

DAY OF WEEK	PERCENT BY DAY OF WEEK				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Friday	14.1	15.8	17.9	3.2	14.7
Saturday	20.9	17.2	19.2	29.0	19.7
Sunday	18.6	20.4	20.5	32.3	19.8
Monday	11.4	10.9	16.7	9.7	11.6
Tuesday	9.3	13.1	6.4	12.9	10.6
Wednesday	12.9	11.9	6.4	3.2	11.8
Thursday	12.8	10.7	12.8	9.7	11.9
ALL WEEK	100.0	100.0	100.0	100.0	100.0

Table H.2.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Accident Severity and Day of Week

DAY OF WEEK	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Friday	51.5	39.4	8.5	0.6	100.0
Saturday	57.0	32.1	6.8	4.1	100.0
Sunday	50.5	37.8	7.2	4.5	100.0
Monday	53.1	34.6	10.0	2.3	100.0
Tuesday	47.1	45.4	4.2	3.4	100.0
Wednesday	58.6	36.8	3.8	0.8	100.0
Thursday	57.5	32.8	7.5	2.2	100.0
ALL WEEK	53.6	36.7	6.9	2.8	100.0

Table H.3.1
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 by Time of Day and Accident Severity

TIME PERIOD	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
12 - 1:59 a.m.	108	65	11	3	187
2 - 3:59 a.m.	113	56	12	5	186
4 - 5:59 a.m.	42	23	4	4	73
6 - 7:59 a.m.	23	14	6	5	48
8 - 9:59 a.m.	19	12	—	1	32
10 - 11:59 a.m.	18	13	2	—	33
12 - 1:59 p.m.	29	16	2	—	47
2 - 3:59 p.m.	30	29	2	2	63
4 - 5:59 p.m.	51	32	6	—	89
6 - 7:59 p.m.	48	44	8	5	105
8 - 9:59 p.m.	46	53	16	2	117
10 - 11:59 p.m.	76	55	9	4	144
ALL DAY	603	412	78	31	1,124

Table H.3.2
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Time of Day and Accident Severity

TIME PERIOD	PERCENT BY TWO-HOUR PERIOD				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
12 - 1:59 a.m.	17.9	15.8	14.1	9.7	16.6
2 - 3:59 a.m.	18.7	13.6	15.4	16.1	16.5
4 - 5:59 a.m.	7.0	5.6	5.1	12.9	6.5
6 - 7:59 a.m.	3.8	3.4	7.7	16.1	4.3
8 - 9:59 a.m.	3.2	2.9	0.0	3.2	2.8
10 - 11:59 a.m.	3.0	3.2	2.6	0.0	2.9
12 - 1:59 p.m.	4.8	3.9	2.6	0.0	4.2
2 - 3:59 p.m.	5.0	7.0	2.6	6.5	5.6
4 - 5:59 p.m.	8.5	7.8	7.7	0.0	7.9
6 - 7:59 p.m.	8.0	10.7	10.3	16.1	9.3
8 - 9:59 p.m.	7.6	12.9	20.5	6.5	10.4
10 - 11:59 p.m.	12.6	13.3	11.5	12.9	12.8
ALL DAY	100.0	100.0	100.0	100.0	100.0

Table H.3.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Accident Severity and Time of Day

TIME PERIOD	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
12 - 1:59 a.m.	57.8	34.8	5.9	1.6	100.0
2 - 3:59 a.m.	60.8	30.1	6.5	2.7	100.0
4 - 5:59 a.m.	57.5	31.5	5.5	5.5	100.0
6 - 7:59 a.m.	47.9	29.2	12.5	10.4	100.0
8 - 9:59 a.m.	59.4	37.5	0.0	3.1	100.0
10 - 11:59 a.m.	54.5	39.4	6.1	0.0	100.0
12 - 1:59 p.m.	61.7	34.0	4.3	0.0	100.0
2 - 3:59 p.m.	47.6	46.0	3.2	3.2	100.0
4 - 5:59 p.m.	57.3	36.0	6.7	0.0	100.0
6 - 7:59 p.m.	45.7	41.9	7.6	4.8	100.0
8 - 9:59 p.m.	39.3	45.3	13.7	1.7	100.0
10 - 11:59 p.m.	52.8	38.2	6.3	2.8	100.0
ALL DAY	53.6	36.7	6.9	2.8	100.0

Table H.4.1
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 by Borough and Accident Severity

BOROUGH	NUMBER OF ACCIDENTS				TOTAL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Greater Anchorage Area .	371	226	31	13	641
Fairbanks North Star ...	54	39	9	4	106
Kenai	43	36	7	5	91
Matanuska-Susitna	54	53	14	4	125
Greater Juneau Area	19	13	1	—	33
Kodiak	4	3	2	—	9
Ketchikan Gateway	11	9	—	1	21
Sitka	4	4	1	—	9
North Slope	4	1	2	—	7
Haines	1	—	—	—	1
Bristol Bay	—	1	—	—	1
Unorganized	38	27	11	4	80
STATEWIDE	603	412	78	31	1,124

Table H.4.2
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Borough and Accident Severity

BOROUGH	PERCENT BY BOROUGH				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Greater Anchorage Area .	61.5	54.9	39.7	41.9	57.0
Fairbanks North Star ...	9.0	9.5	11.5	12.9	9.4
Kenai	7.1	8.7	9.0	16.1	8.1
Matanuska-Susitna	9.0	12.9	17.9	12.9	11.1
Greater Juneau Area	3.2	3.2	1.3	0.0	2.9
Kodiak	0.7	0.7	2.6	0.0	0.8
Ketchikan Gateway	1.8	2.2	0.0	3.2	1.9
Sitka	0.7	1.0	1.3	0.0	0.8
North Slope	0.7	0.2	2.6	0.0	0.6
Haines	0.2	0.0	0.0	0.0	0.1
Bristol Bay	0.0	0.2	0.0	0.0	0.1
Unorganized	6.3	6.6	14.1	12.9	7.1
STATEWIDE	100.0	100.0	100.0	100.0	100.0

Table H.4.3
 2001 Alaska Alcohol-Related Traffic Accidents
 Automobiles, Trucks, and Buses
 Percent by Accident Severity and Borough

BOROUGH	PERCENT BY ACCIDENT SEVERITY				ALL
	Property Damage Only	Minor Injury	Major Injury	Fatal Crash	
Greater Anchorage Area .	57.9	35.3	4.8	2.0	100.0
Fairbanks North Star ...	50.9	36.8	8.5	3.8	100.0
Kenai	47.3	39.6	7.7	5.5	100.0
Matanuska-Susitna	43.2	42.4	11.2	3.2	100.0
Greater Juneau Area	57.6	39.4	3.0	0.0	100.0
Kodiak	44.4	33.3	22.2	0.0	100.0
Ketchikan Gateway	52.4	42.9	0.0	4.8	100.0
Sitka	44.4	44.4	11.1	0.0	100.0
North Slope	57.1	14.3	28.6	0.0	100.0
Haines	100.0	0.0	0.0	0.0	100.0
Bristol Bay	0.0	100.0	0.0	0.0	100.0
Unorganized	47.5	33.8	13.8	5.0	100.0
STATEWIDE	53.6	36.7	6.9	2.8	100.0

Table H.5.1
 Female Alcohol-Impaired Drivers in 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE DRIVERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	24	—	—	—	24
14 — 15	—	1	—	—	1
16 — 20	28	13	2	1	44
21 — 25	28	8	2	1	39
26 — 30	25	10	4	1	40
31 — 35	18	10	4	—	32
36 — 40	23	14	2	—	39
41 — 45	31	4	—	—	35
46 — 50	7	2	—	—	9
51 — 55	6	3	—	1	10
56 — 60	3	1	—	—	4
61 — 64	4	—	—	—	4
65 — 70	3	—	—	—	3
71 — 74	1	1	—	—	2
75 — 80	1	—	—	—	1
ALL AGES	202	67	14	4	287

Table H.5.2
 Male Alcohol-Impaired Drivers in 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE DRIVERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	39	3	1	—	43
14 — 15	2	—	—	—	2
16 — 20	50	33	5	1	89
21 — 25	91	43	7	3	144
26 — 30	71	17	2	1	91
31 — 35	59	24	6	3	92
36 — 40	69	17	1	1	88
41 — 45	45	13	4	2	64
46 — 50	36	9	6	2	53
51 — 55	29	6	1	—	36
56 — 60	11	6	—	—	17
61 — 64	9	2	—	—	11
65 — 70	5	3	—	—	8
71 — 74	1	—	—	—	1
75 — 80	—	—	—	1	1
81 — 85	1	—	—	—	1
ALL AGES	518	176	33	14	741

Table H.5.3¹⁴
 All Alcohol Impaired-Drivers in 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF DRIVERS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	142	3	1	—	146
14 — 15	2	1	—	—	3
16 — 20	78	46	7	2	133
21 — 25	119	51	9	4	183
26 — 30	96	27	6	2	131
31 — 35	77	34	10	3	124
36 — 40	92	31	3	1	127
41 — 45	76	17	4	2	99
46 — 50	43	11	6	2	62
51 — 55	35	9	1	1	46
56 — 60	14	7	—	—	21
61 — 64	13	2	—	—	15
65 — 70	8	3	—	—	11
71 — 74	2	1	—	—	3
75 — 80	1	—	—	1	2
81 — 85	1	—	—	—	1
ALL AGES	799	243	47	18	1,107

¹⁴ Table H.5.3 includes alcohol impaired drivers where sex was not indicated on the accident form.

Table H.6.1¹⁵
 Female Occupants With Alcohol-Impaired Drivers In
 Automobiles, Trucks, and Buses
 2001 Alaska Traffic Accidents -- by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	53	4	—	—	57
Under 4	4	—	1	1	6
4 — 10	5	4	1	—	10
11 — 15	8	7	—	1	16
16 — 20	54	25	7	2	88
21 — 25	48	16	6	2	72
26 — 30	42	12	6	1	61
31 — 35	27	13	4	—	44
36 — 40	33	18	2	—	53
41 — 45	37	8	1	—	46
46 — 50	18	5	—	—	23
51 — 55	7	5	—	1	13
56 — 60	6	3	—	—	9
61 — 64	5	—	—	1	6
65 — 70	3	—	—	—	3
71 — 74	1	1	—	—	2
75 — 80	1	1	—	—	2
Over 85	—	1	—	—	1
ALL AGES	352	123	28	9	512

Table H.6.2
 Male Occupants With Alcohol-Impaired Drivers In
 Automobiles, Trucks, and Buses
 2001 Alaska Traffic Accidents -- by Age and Injury Severity

AGE GROUP	NUMBER OF MALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	93	8	3	—	104
Under 4	3	1	—	—	4
4 — 10	5	1	—	—	6
11 — 15	11	10	1	—	22
16 — 20	99	49	9	1	158
21 — 25	128	65	13	4	210
26 — 30	96	23	4	1	124
31 — 35	71	29	7	3	110
36 — 40	86	25	2	1	114
41 — 45	52	16	5	2	75
46 — 50	42	11	6	2	61
51 — 55	33	7	1	—	41
56 — 60	13	6	—	—	19
61 — 64	10	2	—	—	12
65 — 70	5	3	—	—	8
71 — 74	2	—	—	—	2
75 — 80	—	—	—	1	1
81 — 85	1	—	—	—	1
ALL AGES	750	256	51	15	1,072

¹⁵ Tables H.6.1, H.6.2, and H.6.3 include impaired drivers as well as passengers in vehicles with impaired drivers. For example Table H.6.1 counts impaired female drivers as well as female passengers in vehicles driven by either female or male impaired operators. Table H.6.3 includes occupants where sex was not indicated on the accident form.

Table H.6.3¹⁶
 All Occupants With Alcohol-Impaired Drivers In
 Automobiles, Trucks, and Buses
 2001 Alaska Traffic Accidents -- by Age and Injury Severity

AGE GROUP	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	256	12	3	—	271
Under 4	7	1	1	1	10
4 — 10	10	5	1	—	16
11 — 15	19	17	1	1	38
16 — 20	153	74	16	3	246
21 — 25	176	81	19	6	282
26 — 30	138	35	10	2	185
31 — 35	98	42	11	3	154
36 — 40	119	43	4	1	167
41 — 45	89	24	6	2	121
46 — 50	60	16	6	2	84
51 — 55	40	12	1	1	54
56 — 60	19	9	—	—	28
61 — 64	15	2	—	1	18
65 — 70	8	3	—	—	11
71 — 74	3	1	—	—	4
75 — 80	1	1	—	1	3
81 — 85	1	—	—	—	1
Over 85	—	1	—	—	1
ALL AGES	1,212	379	79	24	1,694

¹⁶ Table H.6.3 includes occupants where sex was not indicated on the accident form.

Table H.7.1
 Female Occupants In Alcohol-Related 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF FEMALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	73	6	2	—	81
Under 4	13	1	1	1	16
4 — 10	24	11	1	—	36
11 — 15	37	11	1	1	50
16 — 20	112	48	7	2	169
21 — 25	73	28	7	2	110
26 — 30	54	27	6	1	88
31 — 35	44	26	5	—	75
36 — 40	51	25	2	1	79
41 — 45	69	23	1	—	93
46 — 50	38	15	—	—	53
51 — 55	18	11	—	1	30
56 — 60	17	7	1	—	25
61 — 64	9	6	1	1	17
65 — 70	7	2	—	—	9
71 — 74	3	1	—	—	4
75 — 80	3	2	—	—	5
81 — 85	1	—	—	—	1
Over 85	1	1	—	—	2
ALL AGES	647	251	35	10	943

Table H.7.2
 Male Occupants In Alcohol-Related 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF MALE OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	130	11	3	—	144
Under 4	10	2	1	—	13
4 — 10	19	5	2	2	28
11 — 15	24	13	2	—	39
16 — 20	169	66	10	1	246
21 — 25	167	80	14	5	266
26 — 30	124	31	4	2	161
31 — 35	110	39	8	3	160
36 — 40	121	36	4	1	162
41 — 45	86	31	6	2	125
46 — 50	76	16	6	2	100
51 — 55	56	11	1	1	69
56 — 60	33	13	—	—	46
61 — 64	15	4	—	—	19
65 — 70	9	5	—	—	14
71 — 74	5	—	—	—	5
75 — 80	2	—	—	1	3
81 — 85	1	—	—	—	1
Over 85	1	—	—	—	1
ALL AGES	1,158	363	61	20	1,602

Table H.7.3¹⁷
 All Occupants In Alcohol Related 2001 Alaska Traffic Accidents
 Automobiles, Trucks, and Buses
 by Age and Injury Severity

AGE GROUP	NUMBER OF OCCUPANTS				TOTAL
	No Injuries	Minor Injury	Major Injury	Fatal	
Unknown	367	18	5	—	390
Under 4	23	3	2	1	29
4 — 10	43	16	3	2	64
11 — 15	61	24	3	1	89
16 — 20	281	114	17	3	415
21 — 25	240	108	21	7	376
26 — 30	178	58	10	3	249
31 — 35	154	65	13	3	235
36 — 40	172	61	6	2	241
41 — 45	155	54	7	2	218
46 — 50	114	31	6	2	153
51 — 55	74	22	1	2	99
56 — 60	50	20	1	—	71
61 — 64	24	10	1	1	36
65 — 70	16	7	—	—	23
71 — 74	8	1	—	—	9
75 — 80	5	2	—	1	8
81 — 85	2	—	—	—	2
Over 85	2	1	—	—	3
ALL AGES	1,969	615	96	30	2,710

¹⁷ Table H.7.3 includes occupants where sex was not indicated on the accident form.

Glossary

Accident: The occurrence of a sequence of events that produces unintended death, injury, or property damage. Alaska law (AS 28.35.080) requires that a motor vehicle accident be reported to a local police officer or State Trooper if the accident caused a death or injury, or if total property damage exceeds \$2000. A motor vehicle accident is an accident involving a motor vehicle in transport, not directly resulting from a natural disaster, such as a flood, avalanche, or volcanic eruption. Also excluded are accidents resulting from an explosion or the discharge of a firearm. See below for definitions of *motor vehicle* and *in transport*.

Alcohol-Impairment: A driver is considered to be alcohol-impaired if an evidential test for blood alcohol concentration is positive (non zero); if the police investigation indicated that alcohol consumption was a contributing factor; or if a citation was issued for driving while intoxicated, driving with an open container of alcohol, or public drunkenness (pedestrians and pedalcyclists).

Alcohol-Related Accident: An accident is considered to be alcohol-related if any involved drivers, pedestrians, pedalcyclists, or recreational vehicle operators are determined to be alcohol impaired (see *alcohol-impairment*). Use of alcohol by passengers is not considered.

All-Terrain Vehicle (ATV): A vehicle with three or more wheels that is designed to operate off roadway (see also *recreational vehicle*).

Annual Vehicle-Miles-Traveled (AVMT): The average annual traffic on a road segment expressed as an annual average daily traffic (AADT) multiplied by the number of days in the year, multiplied by the length of the road.

Driver: The occupant of a motor vehicle in transport who was in control of that vehicle, at least until control was lost.

Fatal Traffic Accident: A traffic accident that results in the death of an occupant or involved non-motorist within thirty days of the accident. If death was due to disease (heart attack, stroke, etc.), the accident is not classified as a fatal accident and is not included in this publication.

In Transport: Generally, this refers to being in motion on the roadway portion of the trafficway, with the purpose of transporting occupants or load from one location to another. However, vehicles parked or stopped in travel lanes are also considered to be in transport and vehicles traveling on the shoulder or roadside (easement) portion of a trafficway may also be considered to be in transport.

Major Injury: A major injury is an amputation, a concussion, an internal injury, occurrence of severe bleeding, a moderate or severe burn, a fracture or dislocation, or other incapacitating injury.

Minor Injury: A minor injury is pain, occurrence of minor bleeding, a minor burn, a bruise, a contusion, an abrasion, other evident but not incapacitating injury.

Motorcycle: A two- or three-wheeled motor vehicle designed to operate on a trafficway (not an off-road recreational vehicle) and capable of transporting one or two persons.

Motor Vehicle (MV): Any motorized mechanically or electrically powered road vehicle not operated on rails. Machinery not customarily used for transport on roads, such as forklifts, is excluded.

National Highway System (NHS): A United States system of transportation routes of national importance mandated by the Intermodal Surface Transportation Efficiency Act (ISTEA). The specific NHS routes were selected by the states with approval of the Federal Highway Administration (FHWA). Congress officially designated the NHS in November 1995. To be included in the NHS, a route must be either a federal Interstate route or a Strategic Highway Network route serving military installations, or it must do one of the following: Serve major population centers, provide Intermodal connections, include an international border crossing, or provide for rural-urban connectivity.

Occupant: A person who is in or upon a motor vehicle in transport. Includes the driver, passengers, and passengers riding on the exterior.

Passenger: A human occupant of a motor vehicle who is not the driver.

Pedalcycle: A vehicle powered solely by pedals. A bicycle.

Property-damage-only Accident (PDO): An accident resulting only in property damage. An accident in which no person is injured.

Road: That portion of the trafficway that includes the roadway and shoulders.

Roadway: That portion of a trafficway designed for and ordinarily used for motor vehicle travel. The lanes of travel.

Recreational Vehicle: A vehicle designed primarily for recreational use off roadway, such as a snow machine, all-terrain vehicle, or dirt bike. Trucks, buses, automobiles, and motorcycles are not included in this vehicle class.

Shoulder: That portion of a trafficway contiguous with the roadway and intended for emergency use, for accommodation of stopped motor vehicles, and for lateral support of the roadway structure.

Traffic Accident: A motor vehicle accident that occurs on a trafficway.

Trafficway: The roadway, shoulders, and right of way extending to property lines, of public areas designated for the use of motor vehicle in transport Aircraft runways, waterways, and railways are excluded. Ice roads are also excluded.

VMT: Vehicle miles traveled (see annual vehicle miles traveled).