

2004 NWT Traffic Collision Facts

Department of Transportation
Road Licensing and Safety Division
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Acknowledgements

This report was prepared by the Road Licensing and Safety Division of the Department of Transportation, Government of the Northwest Territories, in cooperation with the Planning and Policy Division.

If you have any comments or questions related to the content of this report, please contact the Road Licensing and Safety Division at telephone (867) 873-7406, or by facsimile at (867) 873-0120.

2004 QUICK FACTS REPORT

2004 Compared to 2003

	<u>2003</u>	<u>2004</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	686	682	-0.6
PERSONAL INJURY COLLISIONS	130	113	-13.1
FATAL COLLISIONS	3	3	0.0
TOTAL REPORTED COLLISIONS	819	798	-2.6
NUMBER OF PERSONS KILLED	3	3	0.0
NUMBER OF PERSONS INJURED	172	151	-12.2
NWT HIGHWAY SYSTEM COLLISIONS	175	152	-13.1
RURAL COLLISIONS	15	18	20.0
COLLISIONS IN COMMUNITIES	629	628	-0.2
REGISTERED VEHICLES	29,106	28,305	-2.8
LICENSED DRIVERS	24,040	24,641	2.5
NWT POPULATION [1]	41,900	42,810	2.2
COLLISIONS PER 100 LICENSED DRIVERS	3.41	3.24	-4.9
COLLISIONS PER 100 REGISTERED VEHICLES	2.81	2.82	0.2
COLLISIONS PER 100 POPULATION	1.95	1.86	-4.6
COLLISIONS INVOLVING ALCOHOL	54	50	-7.4

[1] 2003 and 2004 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2005.

Introduction

The Traffic Collision Information System (TCIS) is a computer-based system that compiles information on traffic collisions occurring throughout the Northwest Territories. Information in this publication is derived from the motor vehicle collision report forms that are completed by Royal Canadian Mounted Police detachments in accordance with Section 262 of the *Motor Vehicles Act*. The collection of this valuable data is made possible by the efforts and dedication of the many Royal Canadian Mounted Police officers across the Northwest Territories who complete the forms from their collision investigations.

This publication contains useful information on issues such as - drinking and driving, unsafe speed, young and old drivers, and use of occupant restraints - that affect crashes and their severities. This report is organized in eleven sections. The contents of each section are described below.

Section 1 -Historical Trends

This section illustrates the 16-year history of collisions, victims and licensed drivers and vehicles. There were a total of 798 collisions reported in 2004, which is 2.2 percent fewer than 2003. Reporting definitions have remained the same since 1989. Trends in injuries, property damage collisions and total collisions declined steadily between 1989 and 1997. This decline took place in spite of the increased population and number of licensed drivers and registered vehicles. Total collisions and property damage only collisions, however, have generally been increasing since 1997.

Because of the small number of fatal collisions in the Northwest Territories, trends are difficult to identify and subject to year-to-year fluctuations. The 3 traffic fatalities reported in 2004 is close to the 16-year average. The 151 persons injured in 2004 is the lowest number in 16 years.

Section 2 - Time of Occurrence

Section 2 shows the distribution of collisions by; time of day, by day of week, and by month. The highest number of collisions occurred during the winter months, November to March. Conversely, injury-producing collisions are more likely to occur during the summer months.

Collisions are most likely to take place during the late afternoon and early evening. More collisions take place on Fridays and Saturdays than on Sundays and weekdays.

Section 3 - Major Contributing Factors

Contributing factors are those circumstances or factors that the reporting police officer perceives to have directly contributed to the collision or its severity. Factors are selected from four categories: driver condition, driver action, vehicle condition and driving environment.

Driver condition is twice as prevalent in injury and fatal collisions (12%) than in all collisions (6%). Driver error accounts for 71% of all factors in collisions, as compared to vehicular (2%) and environmental (4%).

Section 4 - Environmental Factors

The driving environment consists of road, light and weather conditions, as well as events leading up to and during a collision. It is important to understand all of these factors to properly design effective countermeasures for reducing collisions. Section 4 provides a breakdown of collisions for each of the different driving environments by severity and road system.

Most collisions occur under favourable conditions, such as clear weather, daylight and on a road surface that is free of defects. Intersection related collisions are far more frequent in communities than in rural areas or on the NWT Highway system.

Section 5 - Driver Factors

This section describes the characteristics of drivers involved in collisions. In 2004, 1,168 drivers were involved in 798 collisions. This is an average of 1.46 drivers per collision. Details on driver age, gender, condition, action and class of licence is presented.

Of particular interest and concern is the over-representation of young drivers in collisions. Drivers aged 15 to 20 years are nearly twice as likely to be involved in a collision than drivers aged 35 to 44 years. Crash statistics involving young or inexperienced drivers are useful for developing and monitoring the Graduated Driver's License program.

Section 6 - Vehicle Factors

There were a total of 1,401 vehicles involved in 798 collisions in 2004. This is an average of 1.76 vehicles per collision. This section provides details on the different vehicle types involved in collisions.

Section 7 - Victims and Occupant Restraints

The Traffic Collision Information System (TCIS) attempts to capture information on all road users involved in collisions, whether they are injured or not. This data can be used to

calculate exposure rates for road users by injury severity, age, road user class, gender and many other variables.

Of interest is the relationship between the severity of injury to motor vehicle occupants and seat belt use. The severity of injury is lower for victims using seat belts. In the Northwest Territories, only 7% of victims wearing seat belts were injured. On the other hand, 20% of the victims who were not wearing seat belts were injured.

The proper use of seat belts is an important factor when evaluating their effectiveness in reducing or preventing injuries. This is especially true of young children and the use of child restraints. In the Northwest Territories, it is estimated that less than 35% of children are restrained. It is further estimated that only half of these children are in a correctly installed device or one that is appropriate for the size and age of the child.

Section 8 - Pedestrians

This section presents a summary of collisions involving pedestrians. For 2004:

- 11 pedestrians were injured;
- no pedestrians were killed;
- 36% of the pedestrians injured were under the age of 15;
- all pedestrians were injured within a community;
- 27% of pedestrians had been drinking or were impaired by alcohol.

Section 9 - Alcohol

In 2004, there were 50 collisions involving alcohol in the Northwest Territories, resulting in 21 injuries. From the figures presented in this section, the facts below should be noted:

- Alcohol was a factor in 6% of all collisions;
- 4% of drivers involved in collisions had been drinking or were impaired by alcohol;
- 45% of drinking drivers were between the ages of 25 and 44;
- Alcohol-related crashes are more frequent during the late evening or early morning, on weekends and are more likely to take place during the summer months;
- Alcohol was a factor in 14% of all traffic casualties.

Section 10 - Off-Road Vehicles

Off-road vehicles, including snowmobiles and All-Terrain Vehicles (ATVs) are a common form of transportation in isolated communities in the Northwest Territories. From the figures presented in this section, the facts below should be noted:

- 62% of off-road vehicle collisions result in injuries or death;

- 54% of off-road vehicle drivers involved in collisions are 24 years of age or younger;
- 4% of off-road vehicle drivers in collisions had been drinking or were impaired by alcohol;
- only 19% of off-road vehicle drivers or passengers in collisions were wearing helmets;
- 80% of the off-road vehicles involved in collisions were snowmobiles.

Section 11 - Geographic Distribution

This section presents a detailed summary of collisions by Region, RCMP detachment and severity. 64% of collisions took place in the North Slave Region. The North Slave Region also accounted for 53% of persons injured. 66% of fatalities took place in the North Slave Region.

A map detailing collisions that occurred on the NWT Highway system is shown on Page 44. Highway 3 (Yellowknife Highway) accounted for 33% of collisions occurring on the eight numbered highways.

Section 12 – National Comparison

This section compares injury and fatality rates for Canadian jurisdictions for the 2003 calendar year. This is the most recent year for which complete data is available. Fatality and injury rates are shown; per 100,000 population, per billion vehicle-kilometres of travel, and per 100,000 licensed drivers for each province and territory. The casualty rates for the Northwest Territories is less than the Canada average for all six indicators.

Definitions

REPORTABLE MOTOR VEHICLE COLLISION - an incident involving one or more motor vehicles resulting in death, personal injury or a minimum of \$1,000 in property damage. The Traffic Collision Information System (TCIS) only records reportable motor vehicle collisions which occur on, or adjacent to, roadways intended for use by the general public. The following is a list of words and terms used in reportable collisions:

INCIDENT - Any set of events not under human control which includes at least one occurrence of injury or damage. It originates when human control is lost and terminates when control is regained, or in the absence of persons who are able to regain control when all persons and property are at rest.

Excluded are events which are known to be the result of deliberate intent, legal intervention or natural disasters. As an example, if a vehicle catches fire due to mechanical failure and the driver is able to stop the car, this is not a traffic collision because control of the vehicle was never lost.

VEHICLE - is any vehicle designed to travel on land that is drawn, propelled or driven by any kind of power, including muscular power, but does not include a device designed to run exclusively on rails.

MOTOR VEHICLE - is a vehicle propelled or driven by power other than by wind, gravity or muscular power and includes a trailer, but does not include:

- (a) an aircraft or a marine vehicle,
- (b) a device that runs or is designed to run exclusively on rails,
- (c) a mechanically propelled wheelchair or mobility device.

PEDESTRIAN - is a person on foot, in a wheelchair or mobility device and includes a child in a carriage or carried by a person on foot, persons on ice skates, skis, roller blades, skate boards and persons pushing or pulling vehicles. A pedestrian does NOT include persons jumping or falling from a vehicle in motion.

DAMAGE - harm to property that reduces the monetary value of that property. It includes harm to animals that have monetary value. It excludes mechanical failure incurred by normal operation such as a tire blow out or broken fan belt.

ROADWAY - any highway, secondary road, rural road, street, avenue, parkway, lane, alley or bridge designed and intended for, or used by, the general public for the passage of vehicles and pedestrians. This includes sidewalks, boulevards and the immediate right-of-way adjacent to and parallel with the roadway. It also

includes winter/ice roads, trails, privately maintained roads, driveways and parking lots on which the general public may travel.

NWT HIGHWAY COLLISION – a collision occurring on one of the eight numbered highways or on an Access or Winter road maintained by the Department of Transportation.

COMMUNITY COLLISION – a collision occurring within the corporate limits of a community but not on any of the roads on the NWT Highway system.

RURAL COLLISION – a collision occurring outside of the corporate limits of a community and off of any of the roads on the NWT Highway system.

PROPERTY DAMAGE ONLY COLLISION (Property Damage) - a motor vehicle collision resulting in total damages over the prescribed amount as defined in the *Motor Vehicles Act* (\$1,000) with no personal injuries or deaths.

INJURY COLLISION (Personal Injury) - a motor vehicle collision resulting in a non-fatal injury to one or more persons. An injury is defined as any bodily harm resulting from the collision.

FATAL COLLISION (Fatal) - a motor vehicle collision resulting in death within 30 days to one or more involved persons. Death must be the result of injuries incurred from the collision. This excludes death from natural causes such as heart attacks.

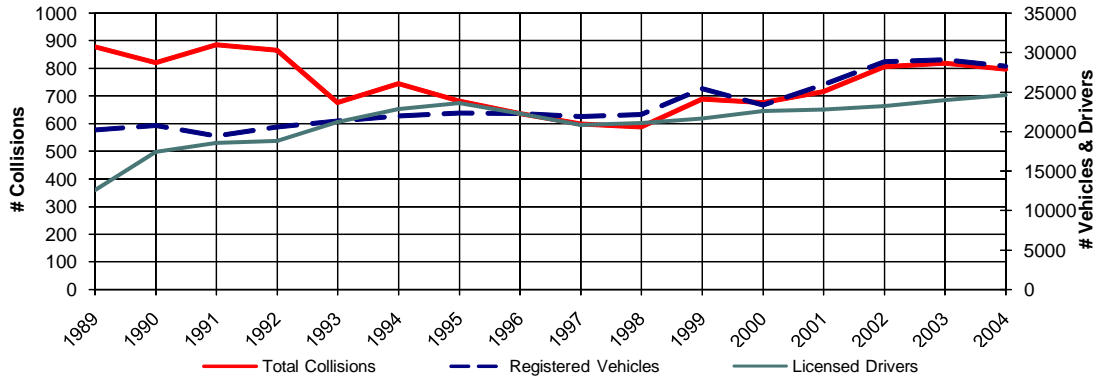
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Trends in Licensed Drivers, Registered Vehicles and Collisions

Figure 1.1

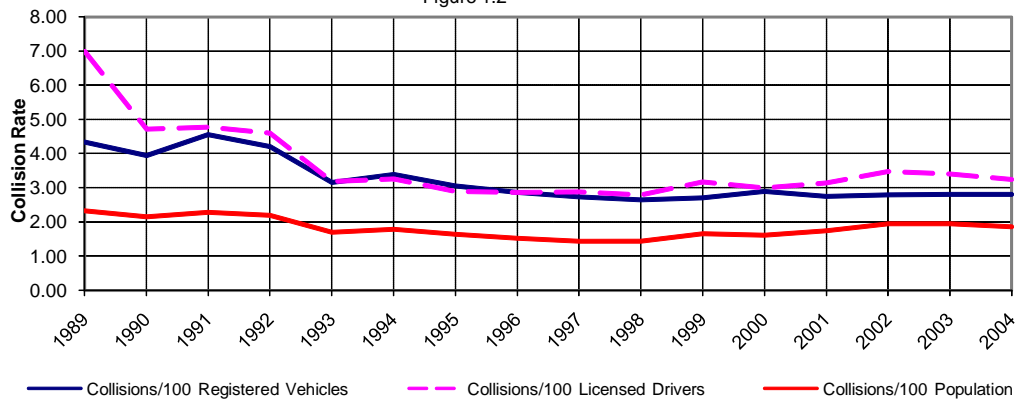


3 Year Summary

	2002	2003	2004	% Change
Registered Vehicles	28,856	29,106	28,305	-2.8
Licensed Drivers	23,223	24,040	24,641	2.5
Total Collisions	807	819	798	-2.6

Trends in Collision Rates by Vehicles, Drivers and Population

Figure 1.2

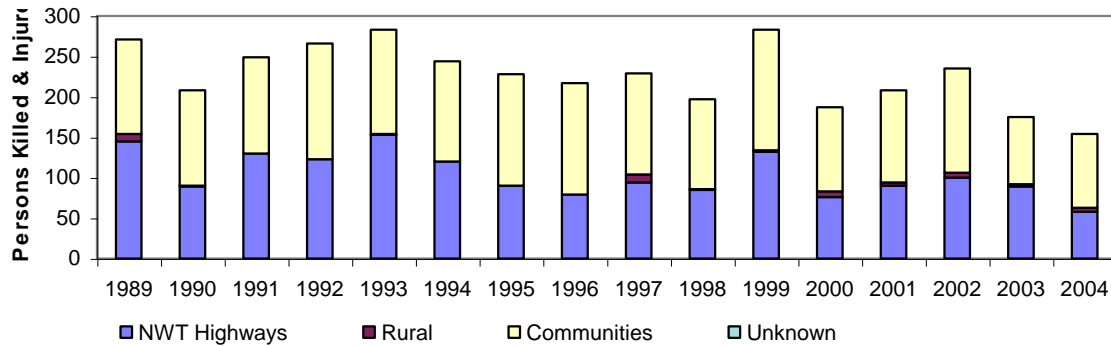


3 Year Summary

	2002	2003	2004	% Change
Collisions/100 Registered Vehicles	2.80	2.81	2.82	0.2
Collisions/100 Licensed Drivers	3.48	3.41	3.24	-4.9
Collisions/100 Population	1.95	1.95	1.86	-4.6

Trends in Injuries & Fatalities

Figure 1.3

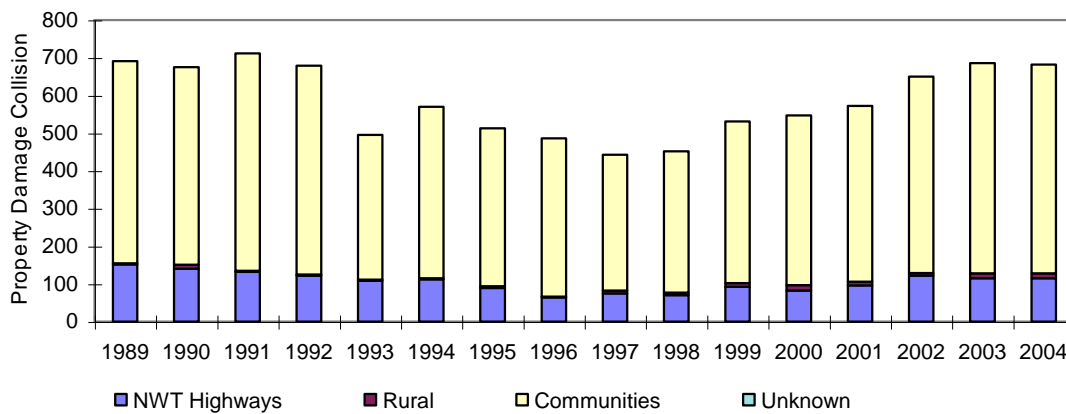


3 Year Summary

	Persons Injured				Persons Killed			
	2002	2003	2004	Average	2002	2003	2004	Average
NWT Highways	99	86	56	80	1	3	2	2
Rural	5	3	4	4	1	0	1	1
Communities	128	83	91	101	1	0	0	0
Total	232	172	151	185	3	3	3	3

Trends in Property Damage Collisions

Figure 1.4

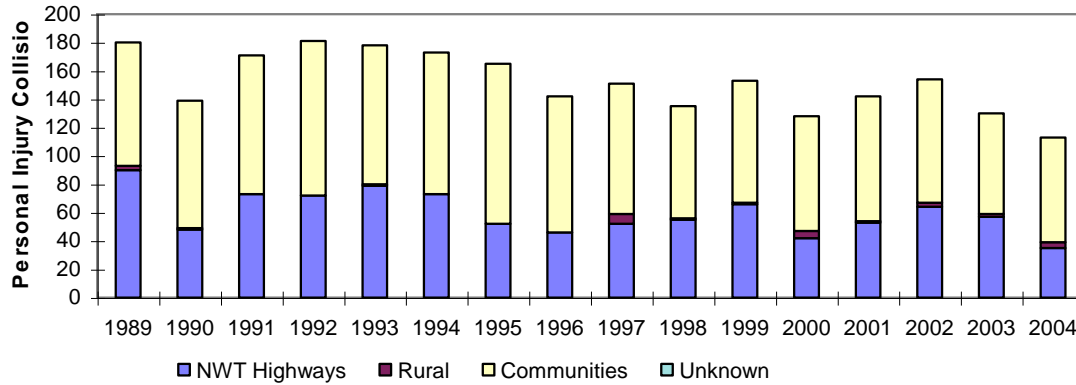


3 Year Summary

	Property Damage Collisions			
	2002	2003	2004	Average
NWT Highways	122	115	115	117
Rural	7	13	13	11
Communities	521	558	554	544
Total	650	686	682	673

Trends in Personal Injury Collisions

Figure 1.5

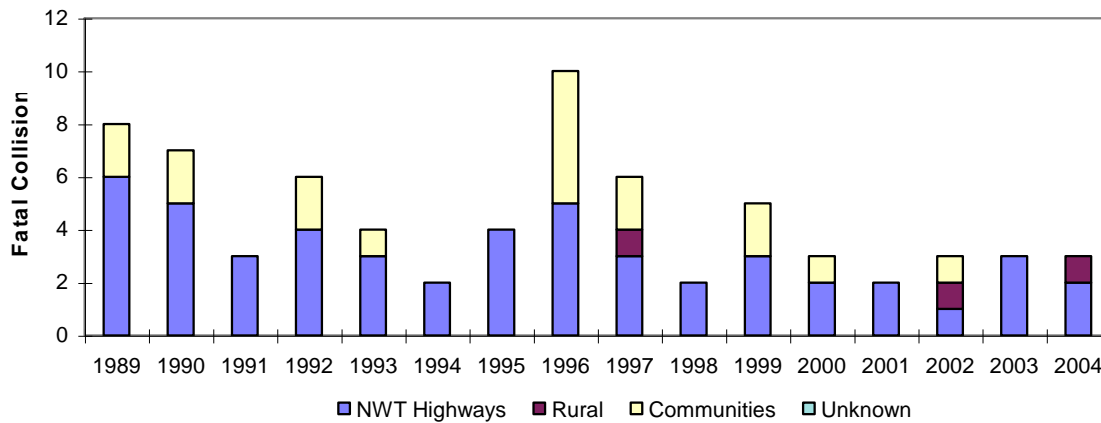


3 Year Summary

	Personal Injury Collisions			
	2002	2003	2004	Average
NWT Highways	64	57	35	52
Rural	3	2	4	3
Communities	87	71	74	77
Total	154	130	113	132

Trends in Fatal Collisions

Figure 1.6

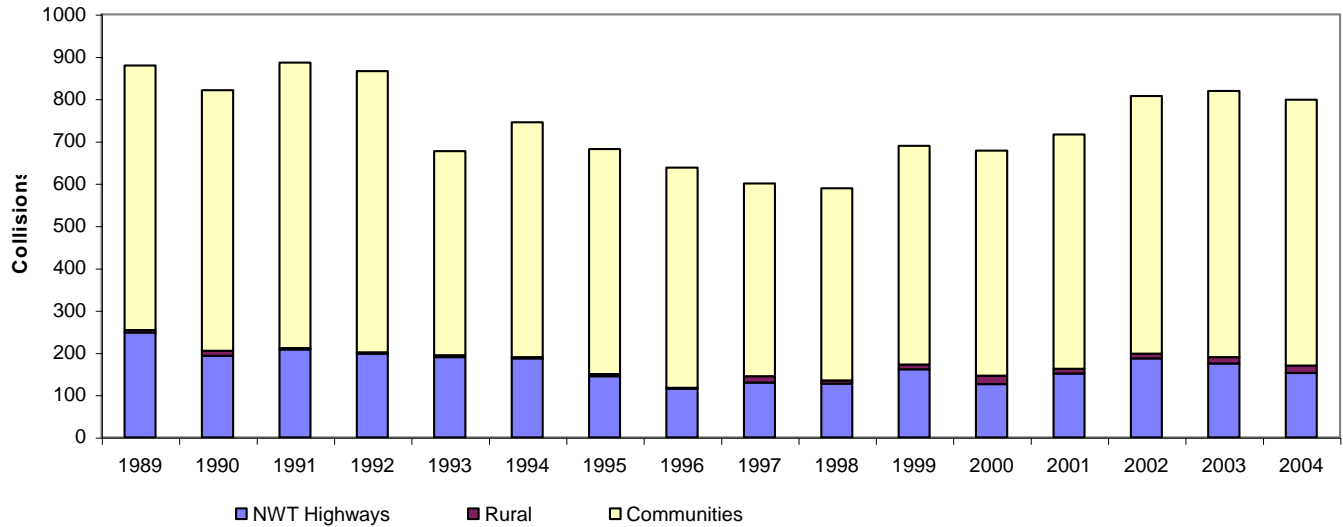


3 Year Summary

	Fatal Collisions			
	2002	2003	2004	Average
NWT Highways	1	3	2	2
Rural	1	0	1	1
Communities	1	0	0	0
Total	3	3	3	3

Trends in All Reported Collisions

Figure 1.7



3 Year Summary

	2002	2003	2004	Average
NWT Highways	187	175	152	171
Rural	11	15	18	15
Communities	609	629	628	622
Total	807	819	798	808

Property Damage Collisions by Month and Year

Figure 1.8
Avg. 94 to 03

Month	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Avg. 94 to 03	2004
January	52	50	54	53	64	65	60	50	85	91	62	90
February	72	46	59	45	46	65	49	65	64	76	59	85
March	50	78	56	44	36	47	45	59	64	82	56	58
April	32	32	31	26	22	34	33	35	35	47	33	37
May	33	31	26	23	20	30	34	34	42	41	31	27
June	31	24	32	32	29	30	27	39	41	47	33	51
July	39	38	36	37	34	29	31	22	38	38	34	32
August	42	39	24	37	34	38	36	38	53	34	38	35
September	34	29	29	25	34	36	34	32	40	43	34	49
October	59	38	56	48	39	63	58	65	61	47	53	59
November	73	49	42	26	37	45	53	61	64	69	52	66
December	53	59	41	47	57	49	87	72	63	72	60	93
Total	570	513	486	443	452	531	547	572	650	687	545	682

Personal Injury Collisions by Month and Year

Figure 1.9

Month	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Avg. 94 to 03	2004
January	11	16	15	13	10	15	17	13	11	9	13	15
February	7	14	15	19	10	13	14	14	6	25	14	8
March	9	20	10	16	11	11	9	7	8	11	11	7
April	6	12	7	19	7	9	4	7	5	7	8	11
May	9	11	7	11	4	6	9	8	9	10	8	9
June	18	15	10	6	20	12	9	14	15	9	13	10
July	18	15	16	8	11	22	11	6	19	12	14	9
August	23	18	11	16	14	12	7	16	16	11	14	18
September	14	11	14	10	11	11	9	10	13	6	11	10
October	20	10	15	14	17	20	12	21	22	15	17	6
November	19	12	9	10	8	10	10	10	15	7	11	3
December	19	11	13	9	12	12	17	16	15	8	13	7
Total	173	165	142	151	135	153	128	142	154	130	147	113

Fatal Collisions by Month and Year

Figure 1.10

Month	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Avg. 94 to 03	2004
January	0	0	0	0	0	0	1	1	0	1	0.3	0
February	0	0	0	0	0	0	0	0	1	0	0.1	1
March	0	0	2	2	0	0	0	0	0	0	0.4	0
April	0	1	1	0	0	1	0	1	0	0	0.4	0
May	1	0	1	1	0	0	0	0	0	0	0.3	0
June	0	0	1	1	0	0	0	0	0	1	0.3	1
July	0	1	1	1	0	1	0	0	0	0	0.4	0
August	0	0	3	1	0	1	1	0	0	0	0.6	0
September	0	1	0	0	1	1	0	0	0	0	0.3	0
October	1	0	1	0	1	0	1	0	1	0	0.5	0
November	0	1	0	0	0	0	0	0	1	0	0.2	0
December	0	0	0	0	0	1	0	0	0	1	0.2	1
Total	2	4	10	6	2	5	3	2	3	3	4.0	3

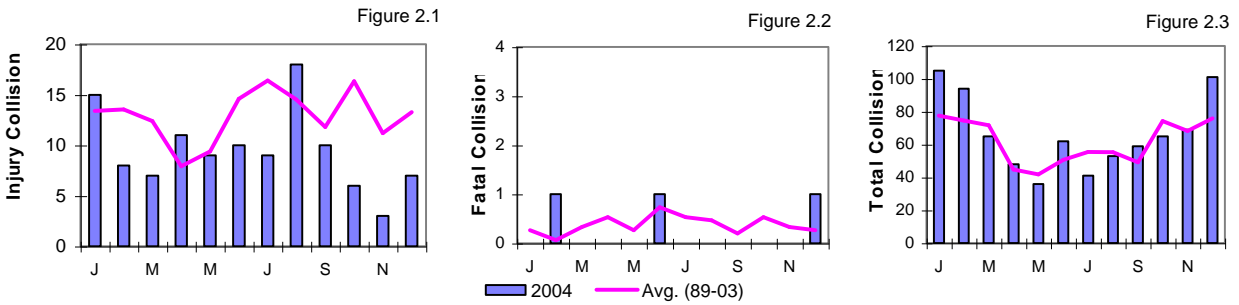
Total Collisions by Month and Year

Figure 1.11

Month	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Avg. 94 to 03	2004
January	63	66	69	66	74	80	78	64	96	101	76	105
February	79	60	74	64	56	78	63	79	71	101	73	94
March	59	98	68	62	47	58	54	66	72	93	68	65
April	38	45	39	45	29	44	37	43	40	54	41	48
May	43	42	34	35	24	36	43	42	51	51	40	36
June	49	39	43	39	49	42	36	53	56	57	46	62
July	57	54	53	46	45	52	42	28	57	50	48	41
August	65	57	38	54	48	51	44	54	69	45	53	53
September	48	41	43	35	46	48	43	42	53	48	45	59
October	80	48	72	62	57	83	71	86	84	62	71	65
November	92	62	51	36	45	55	63	71	80	76	63	69
December	72	70	54	56	69	62	104	88	78	81	73	101
Total	745	682	638	600	589	689	678	716	807	819	696	798

Time of Occurrence – Section 2

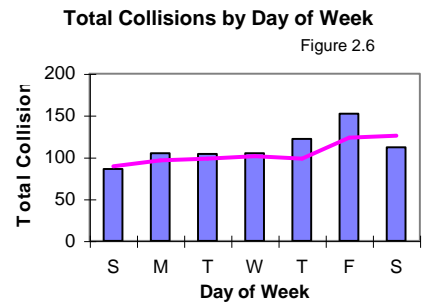
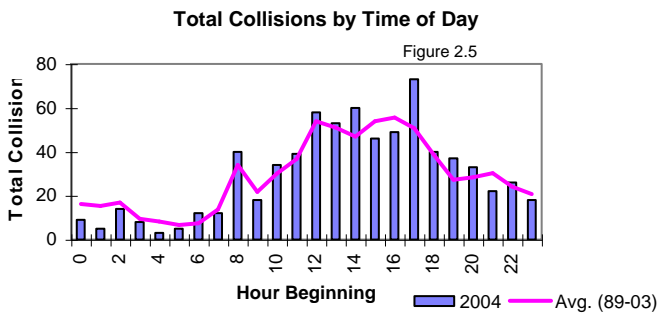
Collisions by Month of Occurrence



Collisions & Victims by Month of Occurrence

Figure 2.4

Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	90	15	0	105	19	0
February	85	8	1	94	11	1
March	58	7	0	65	9	0
April	37	11	0	48	14	0
May	27	9	0	36	10	0
June	51	10	1	62	14	1
July	32	9	0	41	12	0
August	35	18	0	53	25	0
September	49	10	0	59	14	0
October	59	6	0	65	8	0
November	66	3	0	69	5	0
December	93	7	1	101	10	1
Total	682	113	3	798	151	3



Time of Occurrence – Section 2

Collisions by Time of Day & Day of Week*

Figure 2.7

Collision Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	%
12 to 1 a.m.	1	2	2	0	1	1	2	9	1.1
1 to 2 a.m.	0	1	1	1	1	0	1	5	0.6
2 to 3 a.m.	3	2	1	2	1	1	4	14	1.8
3 to 4 a.m.	2	1	0	1	1	0	3	8	1.0
4 to 5 a.m.	2	0	0	0	0	1	0	3	0.4
5 to 6 a.m.	2	0	1	1	1	0	0	5	0.6
6 to 7 a.m.	2	3	0	1	0	2	4	12	1.5
7 to 8 a.m.	1	3	0	2	1	0	5	12	1.5
8 to 9 a.m.	1	5	7	7	9	9	2	40	5.1
9 to 10 a.m.	1	2	5	0	2	5	3	18	2.3
10 to 11 a.m.	5	5	3	6	2	10	3	34	4.3
11 to 12 a.m.	1	7	10	6	5	7	3	39	5.0
12 to 1 p.m.	5	8	6	9	9	15	6	58	7.4
1 to 2 p.m.	7	9	7	7	8	5	10	53	6.7
2 to 3 p.m.	7	5	10	9	12	11	6	60	7.6
3 to 4 p.m.	5	6	1	12	5	11	6	46	5.9
4 to 5 p.m.	5	8	6	4	9	10	7	49	6.2
5 to 6 p.m.	5	15	11	10	14	10	8	73	9.3
6 to 7 p.m.	3	2	3	7	8	7	10	40	5.1
7 to 8 p.m.	5	4	5	5	6	8	4	37	4.7
8 to 9 p.m.	3	6	4	4	5	5	6	33	4.2
9 to 10 p.m.	1	1	4	2	5	6	3	22	2.8
10 to 11 p.m.	4	2	5	1	3	4	7	26	3.3
11 to 12 p.m.	1	3	2	1	1	7	3	18	2.3
Not Stated	14	5	10	7	13	17	6	72	9.2
Total	86	105	104	105	122	152	112	786	
%	10.9	13.4	13.2	13.4	15.5	19.3	14.2	100.0	

* Excludes collisions in which Day of Week was unknown.

Major Contributing Factors – Section 3

Collisions by Severity Where Human Condition was a Major Contributing Factor

Figure 3.1

Human Condition	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Fatigued, Fell Asleep	0	0	0	0	0.0
Inexperience	1	0	0	1	0.1
Under Influence - Alcohol	35	13	0	48	6.0
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	1	0	1	0.1
Other Driver Condition	0	0	0	0	0.0
Total	36	14	0	50	6.3

Collisions by Severity Where Human Action was a Major Contributing Factor

Figure 3.2

Human Action	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Following Too Closely	27	3	0	30	3.8
Distracted, Inattentive	47	12	0	59	7.4
Driving Too Fast for Conditions	96	19	0	115	14.4
Improper Turning or Passing	6	1	0	7	0.9
Failed to Yield Right-of-Way	36	14	0	50	6.3
Disobeyed Traffic Control/Officer	0	4	0	4	0.5
Driving on Wrong Side of Road	1	6	1	8	1.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	154	5	0	159	19.9
Lost Control	110	26	1	137	17.2
Other Driver Action	0	0	0	0	0.0
Total	477	90	2	569	71.3

Collisions by Severity Where Vehicle Condition was a Major Contributing Factor

Figure 3.3

Vehicle Condition	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	1	0	1	0.1
Unsecured Load, Spilled Load	2	1	0	3	0.4
Oversized Load, Overload	0	0	0	0	0.0
Visibility Obstructed	0	0	0	0	0.0
Other Vehicle Contributing Factor	8	0	0	8	1.0
Total	10	2	0	12	1.5

Major Contributing Factors – Section 3

Collisions by Severity Where Environmental Condition was a Major Contributing Factor

Figure 3.4

Environmental Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Animal on Roadway	19	2	0	21	2.6
Road Surface or Condition	6	0	0	6	0.8
Obstruction/Debris on Road	1	0	0	1	0.1
View Obstructed, Glare, Reflection	1	0	0	1	0.1
Weather or Other Acts of God	0	0	0	0	0.0
Other Environmental Factor	0	0	0	0	0.0
Total	27	2	0	29	3.6

Collisions by Severity Where Major Contributing Factor was Unspecified or Unknown

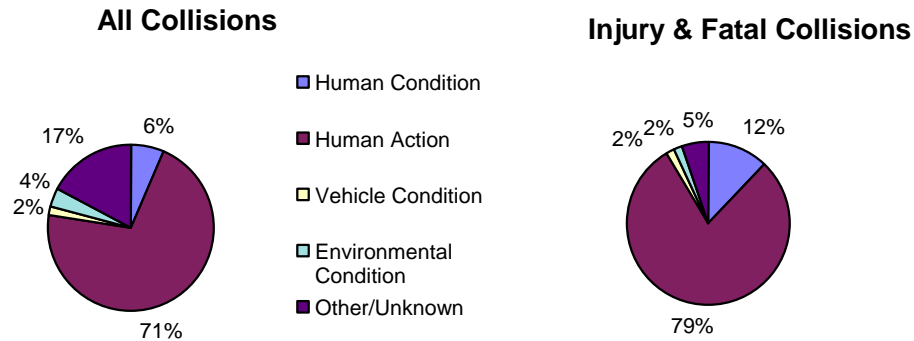
Figure 3.5

Factor	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Unspecified	7	3	0	10	1.3
Unknown	125	2	1	128	16.0
Total	132	5	1	138	17.3

Total All Factors	682	113	3	798	100.0
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Major Contributing Factors by Collision Severity

Figure 3.6



TCIS recognizes that a collision is usually the result of a chain of events. The collision data system accepts up to four contributing factors for each vehicle involved in a collision. During the analysis of collisions, knowledge of the factors is important. By removing any one of the factors, the collision may be avoided.

An example: Because of inattention, a driver may have failed to see a stop sign behind some trees and thereby reduced his/her stopping time. The car's brakes, being in poor condition, caused the car to spin out of control on ice and collide with another vehicle that was speeding through the intersection. The collision may not have occurred if any of these factors were not present.

Major Contributing Factors – Section 3

Collisions by Road System Where Human Condition was a Major Contributing Factor

Figure 3.7

Human Condition	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Fatigued, Fell Asleep	0	0	0	0	0.0
Inexperience	0	1	0	1	0.1
Under Influence - Alcohol	15	30	3	48	6.0
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	1	0	1	0.1
Other Driver Condition	0	0	0	0	0.0
Total	15	32	3	50	6.3

Collisions by Road System Where Human Action was a Major Contributing Factor

Figure 3.8

Human Action	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Following Too Closely	6	24	0	30	3.8
Distracted, Inattentive	8	51	0	59	7.4
Driving Too Fast for Conditions	25	89	1	115	14.4
Improper Turning or Passing	0	7	0	7	0.9
Failed to Yield Right-of-Way	2	48	0	50	6.3
Disobeyed Traffic Control/Officer	0	4	0	4	0.5
Driving on Wrong Side of Road	2	6	0	8	1.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	157	2	159	19.9
Lost Control	64	67	6	137	17.2
Other Driver Action	0	0	0	0	0.0
Total	107	453	9	569	71.3

Collisions by Road System Where Vehicle Condition was a Major Contributing Factor

Figure 3.9

Vehicle Condition	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	1	0	0	1	0.1
Unsecured Load, Spilled Load	2	1	0	3	0.4
Oversized Load, Overload	0	0	0	0	0.0
Visibility Obstructed	0	0	0	0	0.0
Other Vehicle Contributing Factor	1	6	1	8	1.0
Total	4	7	1	12	1.5

Major Contributing Factors – Section 3

Collisions by Road System Where Environmental Condition was a Major Contributing Factor

Figure 3.10

Environmental Condition	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Animal on Roadway	18	2	1	21	2.6
Road Surface or Condition	2	4	0	6	0.8
Obstruction/Debris on Road	1	0	0	1	0.1
View Obstructed, Glare, Reflection	0	1	0	1	0.1
Weather or Other Acts of God	0	0	0	0	0.0
Other Environmental Factor	0	0	0	0	0.0
Total	21	7	1	29	3.6

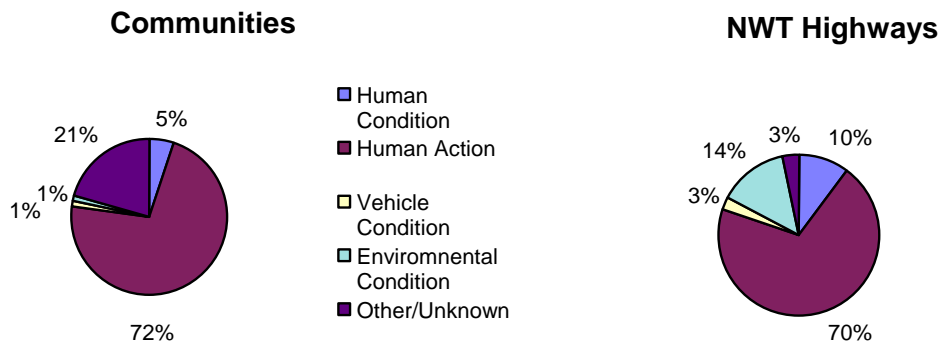
Collisions by Road System Where Major Contributing Factor was Unspecified or Unknown

Figure 3.11

Factor	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Unspecified	1	9	0	10	1.3
Unknown	4	120	4	128	16.0
Total	5	129	4	138	17.3
Total All Factors	152	628	18	798	100.0

Major Contributing Factors in Collisions - Communities and NWT Highways

Figure 3.12

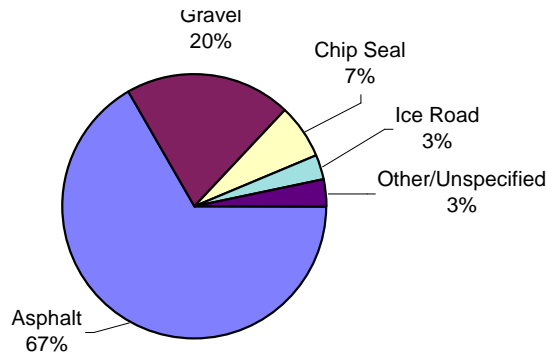


Environmental Factors – Section 4

Collisions by Road Surface Type and Severity

Figure 4.1

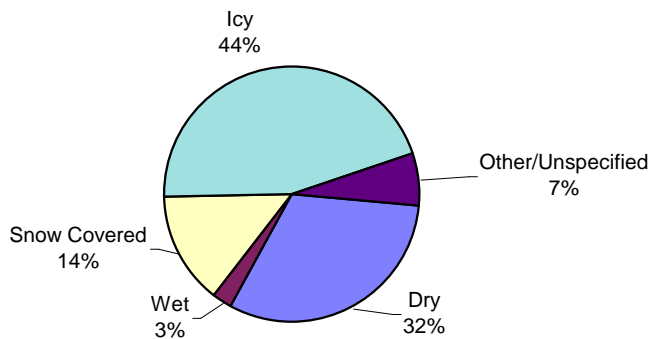
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	470	61	1	532	66.7
Concrete	1	1	0	2	0.3
Gravel (Crushed Stone)	130	30	1	161	20.2
Earth, Dirt	7	0	0	7	0.9
Chip Seal	38	16	0	54	6.8
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	19	5	1	25	3.1
Unspecified	17	0	0	17	2.1
Total	682	113	3	798	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

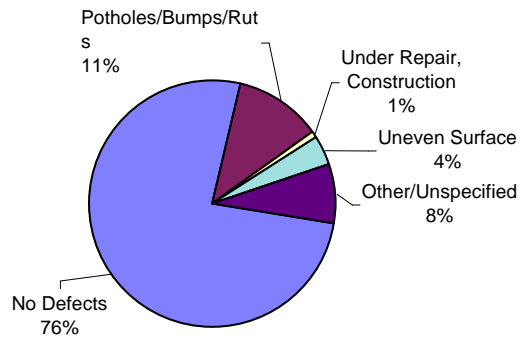
Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	201	50	1	252	31.6
Wet	15	5	0	20	2.5
Snow (Fresh, Loose)	92	8	1	101	12.7
Slush, Wet Snow	9	3	0	12	1.5
Icy	319	40	1	360	45.1
Loose Sand/Gravel/Dirt	16	6	0	22	2.8
Muddy	1	0	0	1	0.1
Fresh Oil	0	0	0	0	0.0
Flooded	0	0	0	0	0.0
Other	1	0	0	1	0.1
Unspecified	28	1	0	29	3.6
Total	682	113	3	798	100



Collisions by Road Defect and Severity

Figure 4.3

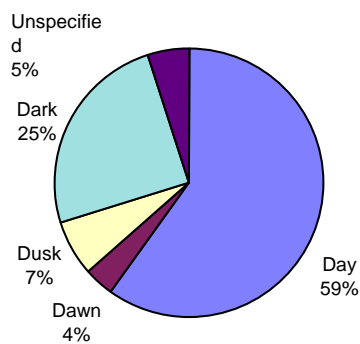
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	519	85	3	607	76.1
Potholes/Bumps/Ruts	69	22	0	91	11.4
Under Repair, Construction	6	1	0	7	0.9
Uneven Pavement Surface	28	3	0	31	3.9
Worn	10	1	0	11	1.4
Obscured or Faded Markings	1	0	0	1	0.1
Other	17	0	0	17	2.1
Unspecified	32	1	0	33	4.1
Total	682	113	3	798	100.0



Collisions by Light Condition and Severity

Figure 4.4

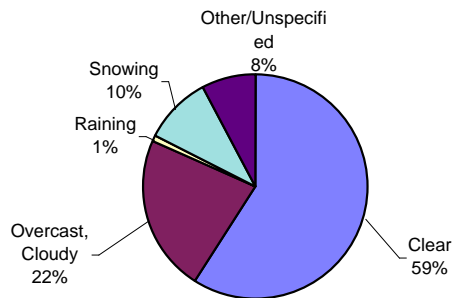
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	402	73	3	478	59.9
Dawn	25	4	0	29	3.6
Dusk	44	9	0	53	6.6
Dark	170	27	0	197	24.7
Unspecified	41	0	0	41	5.1
Total	682	113	3	798	100.0



Collisions by Weather Condition and Severity

Figure 4.5

Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	401	69	2	472	59.1
Overcast, Cloudy (No Precipitation)	151	27	1	179	22.4
Raining	4	3	0	7	0.9
Snowing	66	11	0	77	9.6
Freezing Rain/Sleet/Hail	5	1	0	6	0.8
Visibility Limitations (fog, dust, etc.)	14	2	0	16	2.0
Strong Winds	2	0	0	2	0.3
Other	0	0	0	0	0.0
Unspecified	39	0	0	39	4.9
Total	682	113	3	798	100.0



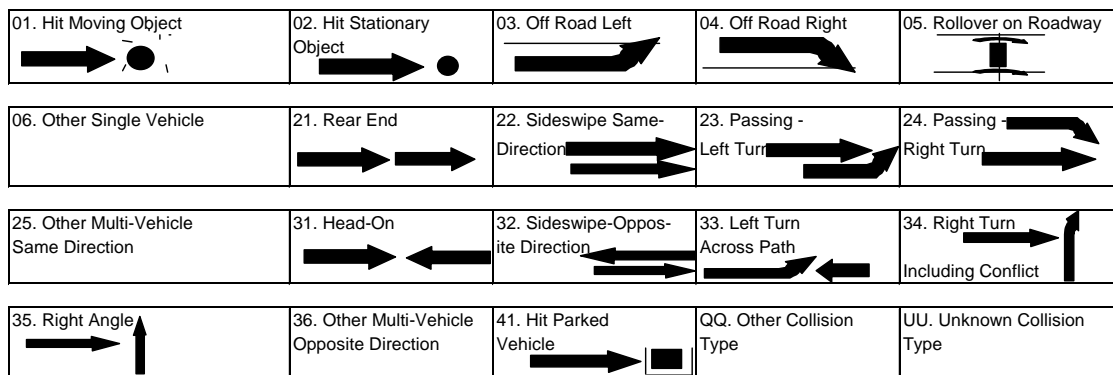
Environmental Factors – Section 4

Collisions by Configuration and Severity

Figure 4.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Animal	17	2	0	19	2.4
b) With Pedestrian	2	10	0	12	1.5
c) Other	0	1	0	1	0.1
02. Hit Stationary Object	53	3	0	56	7.0
03. Off Road Left					
a) With Rollover	17	12	0	29	3.6
b) No Rollover	16	2	0	18	2.3
04. Off Road Right					
a) With Rollover	16	12	0	28	3.5
b) No Rollover	32	3	0	35	4.4
05. Rollover on Roadway	6	6	0	12	1.5
06. Other Single Vehicle	2	0	0	2	0.3
21. Rear End	84	17	0	101	12.7
22. Sideswipe - Same Direction	22	2	1	25	3.1
23. Passing - Left Turn	6	1	0	7	0.9
24. Passing - Right Turn	3	0	0	3	0.4
25. Other Multi-Vehicle Same Direction	6	0	0	6	0.8
31. Head-On	12	2	1	15	1.9
32. Sideswipe - Opposite Direction	12	3	1	16	2.0
33. Left Turn Across Path	12	6	0	18	2.3
34. Right Turn Including Conflict	2	3	0	5	0.6
35. Right Angle	92	20	0	112	14.0
36. Other Multi-Vehicle Opposite Direction	17	2	0	19	2.4
41. Hit Parked Vehicle	252	6	0	258	32.3
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	1	0	0	1	0.1
Total	682	113	3	798	100.0

***Collision Configurations**



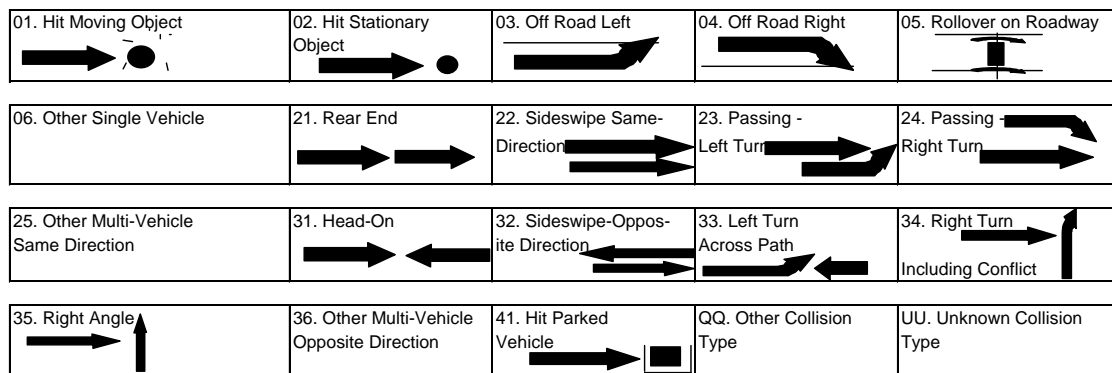
Environmental Factors – Section 4

Collisions by Configuration and Road System

Figure 4.7

Configuration*	NWT Highways	In Communities	Rural	Total	% of Total
01. Hit Moving Object					
a) With Animal	16	2	1	19	2.4
b) With Pedestrian	1	11	0	12	1.5
c) Other	0	1	0	1	0.1
02. Hit Stationary Object	9	45	2	56	7.0
03. Off Road Left					
a) With Rollover	25	4	0	29	3.6
b) No Rollover	11	4	3	18	2.3
04. Off Road Right					
a) With Rollover	24	3	1	28	3.5
b) No Rollover	23	10	2	35	4.4
05. Rollover on Roadway	7	3	2	12	1.5
06. Other Single Vehicle	2	0	0	2	0.3
21. Rear End	11	90	0	101	12.7
22. Sideswipe - Same Direction	2	22	1	25	3.1
23. Passing - Left Turn	0	7	0	7	0.9
24. Passing - Right Turn	0	3	0	3	0.4
25. Other Multi-Vehicle Same Direction	2	4	0	6	0.8
31. Head-On	3	12	0	15	1.9
32. Sideswipe - Opposite Direction	10	5	1	16	2.0
33. Left Turn Across Path	0	18	0	18	2.3
34. Right Turn Including Conflict	0	5	0	5	0.6
35. Right Angle	4	108	0	112	14.0
36. Other Multi-Vehicle Opposite Direction	1	18	0	19	2.4
41. Hit Parked Vehicle	1	252	5	258	32.3
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	1	0	1	0.1
Total	152	628	18	798	100.0

***Collision Configurations**



Environmental Factors – Section 4

Collisions by Collision Site and Severity

Figure 4.8

Collision Site	Property Damage	Personal Injury	Fatal	Total	%
Non-Intersection	245	59	3	307	38.5
Intersection - Two Public Roadways	145	36	0	181	22.7
Intersection - Parking Lot, Driveway	145	13	0	158	19.8
Railroad Level Crossing	0	2	0	2	0.3
Bridge, Overpass, Viaduct	0	0	0	0	0.0
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	0	0	0	0.0
Other	132	3	0	135	16.9
Unknown	15	0	0	15	1.9
Total	682	113	3	798	100.0

Collisions by Collision Site and Road System

Figure 4.9

Collision Site	NWT Highways	In Communities	Rural	Total	%
Non-Intersection	133	162	12	307	38.5
Intersection - Two Public Roadways	13	168	0	181	22.7
Intersection - Parking Lot, Driveway	3	152	3	158	19.8
Railroad Level Crossing	1	1	0	2	0.3
Bridge, Overpass, Viaduct	0	0	0	0	0.0
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	0	0	0	0.0
Other	2	130	3	135	16.9
Unknown	0	15	0	15	1.9
Total	152	628	18	798	100.0

Collisions by Roadway Alignment and Severity

Figure 4.10

Road Alignment	Property Damage	Personal Injury	Fatal	Total	%
Straight & Level	523	81	2	606	75.9
Straight with Grade	50	8	0	58	7.3
Curved and Level	45	12	0	57	7.1
Curve with Grade	31	7	1	39	4.9
Top of Hill or Grade	7	2	0	9	1.1
Bottom of Hill or Grade	7	0	0	7	0.9
Other	1	0	0	1	0.1
Unknown	18	3	0	21	2.6
Total	682	113	3	798	100.0

Environmental Factors – Section 4

Collisions by Roadway Type and Severity

Figure 4.11

Road Type	Property Damage	Personal Injury	Fatal	Total	%
One-Way, Two Lane	6	0	0	6	0.8
One-Way, Multi Lane	0	0	0	0	0.0
Undivided, Two-Way, Two Lane	391	88	2	481	60.3
Undivided, Two-Way, Multi Lane	44	13	1	58	7.3
Divided, Barrier Median	1	1	0	2	0.3
Divided with Median, No Barrier	30	5	0	35	4.4
Divided, Divider Unspecified	0	0	0	0	0.0
Other	195	6	0	201	25.2
Unknown	15	0	0	15	1.9
Total	682	113	3	798	100.0

Collision Sequence of Events by Severity

Figure 4.12

Non-Moving Objects	Property Damage	Personal Injury	Fatal	Total	%
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	3	0	0	3	0.4
Hit Building	3	0	0	3	0.4
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	2	0	0	2	0.3
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	1	0	0	1	0.1
Hit Utility Pole, Lamp Pole	4	0	0	4	0.5
Hit Curb	0	0	0	0	0.0
Hit Post	5	0	0	5	0.6
Hit Traffic Barrier	1	1	0	2	0.3
Hit Fixed Object Part of Road Structure	0	0	0	0	0.0
Hit Fixed Object NOT Part of Road Structure	1	0	0	1	0.1
Hit Other Type Fixed Object	1	0	0	1	0.1
Sub Total Fixed Objects	21	1	0	22	2.8
Moveable Objects					
Another Road Vehicle	520	62	3	585	73.3
Animal	17	2	0	19	2.4
Pedestrian	2	10	0	12	1.5
Other Moveable Object	0	1	0	1	0.1
Sub Total Moveable Objects	539	75	3	617	77.3
Non-Collision Events					
Ran Off Road	48	0	0	48	6.0
Rollover	39	30	0	69	8.6
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	0	0	0	0	0.0
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	0	0	0	0.0
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	88	30	0	118	14.8
Other/Unknown Event	34	7	0	41	5.1
Grand Total	682	113	3	798	100.0

Environmental Factors – Section 4

Collision Sequence of Events by Road System

Figure 4.13

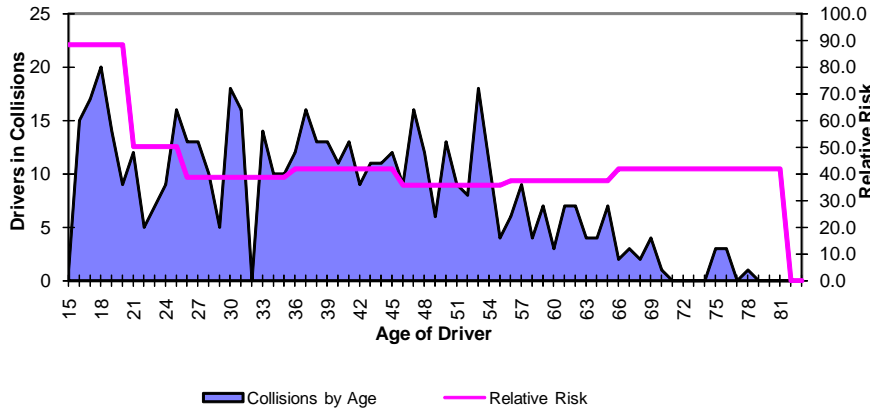
	NWT Highways	In Communities	Rural	Total	%
Non-Moving Objects					
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	0	3	0	3	0.4
Hit Building	0	3	0	3	0.4
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	0	1	1	2	0.3
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	0	1	0	1	0.1
Hit Utility Pole, Lamp Pole	0	4	0	4	0.5
Hit Curb	0	0	0	0	0.0
Hit Post	1	4	0	5	0.6
Hit Traffic Barrier	0	2	0	2	0.3
Hit Fixed Object Part of Road Structure	0	0	0	0	0.0
Hit Fixed Object NOT Part of Road Structure	0	1	0	1	0.1
Hit Other Type Fixed Object	0	1	0	1	0.1
Sub Total Fixed Objects	1	20	1	22	2.8
Moveable Objects					
Another Road Vehicle	34	544	7	585	73.3
Animal	16	2	1	19	2.4
Pedestrian	1	11	0	12	1.5
Other Moveable Object	0	1	0	1	0.1
Sub Total Moveable Objects	51	558	8	617	77.3
Non-Collision Events					
Ran Off Road	0	0	0	0	0.0
Rollover	56	10	3	69	8.6
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	0	0	0	0	0.0
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	0	0	0	0.0
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	57	10	3	70	8.8
Unknown Event	43	40	6	89	11.2
Grand Total	152	628	18	798	100.0

Licensed Drivers and Drivers in Collisions by Driver Age

Figure 5.1

	Under 16 to 19	16 to 24	20 to 34	25 to 44	35 to 54	45 to 64	55 to 64 and Over	65 and Not Stated	Total	
Licensed Drivers	130	1,409	2,347	5,909	6,316	5,254	2,488	788	0	24,641
Drivers in Collisions	17	119	118	229	264	188	93	33	107	1,168

Drivers in Collisions and Relative Risk by Driver Age



Collision Rates (Collisions Per 1,000 Licensed Drivers) by Severity and Driver Age

Figure 5.2

	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 and Over	Average Rate
Property Damage	65.0	41.8	32.8	34.2	31.0	33.4	38.1	40.1
Personal Injury & Fatal	23.4	8.5	5.9	7.6	4.8	4.0	3.8	7.3
Total	88.4	50.3	38.8	41.8	35.8	37.4	41.9	47.4
Relative Risk*	1.9	1.1	0.8	0.9	0.8	0.8	0.9	1.0

* Relative Risk = (% of drivers in collisions in age group)/(% of total licence holders in age group)

The age of drivers involved in traffic collisions can form the basis of various analysis and countermeasure programs. The reason for this interest is the over-involvement of young drivers in collisions and the disproportionately large number of charges laid as a result of collisions.

Figure 5.1 shows that the relative risk of drivers between the ages of 15 and 19 are 1.9 times more likely to be involved in a collision than the average driving population. On average, 9% of 15 to 19 year olds were involved in collisions, compared to 4% of 35 to 44 year olds.

Other factors such as exposure, risk, experience, alcohol, and vehicle type must be known to fully understand the relationship of driver age and collision involvement. Studies indicate that the risk of having a collision is a factor of driving experience, not just driver age.

Number of Drivers Involved in Collisions by Licence Class and Age

Figure 5.3

Age Group	Class							Total
	1	2	3	4	5	6	7	
Under 16	0	0	0	0	0	0	10	0
16	0	0	0	0	22	0	3	0
17	0	0	0	0	33	0	2	0
18	0	0	0	0	25	0	2	0
19	0	0	0	0	20	0	0	0
20	1	0	0	2	17	0	1	1
21-24	3	0	2	2	79	0	4	2
25-34	12	2	4	18	180	0	4	3
35-44	18	8	13	38	173	0	1	5
45-54	21	3	6	30	119	0	1	2
55-64	12	1	10	13	54	0	0	0
65 and over	0	2	2	1	27	0	0	0
Not Stated	0	0	0	0	0	0	2	0
Drivers in Collisions	67	16	37	104	749	0	18	30
Total Licensed Drivers	1,356	202	704	1,135	19,587	1	1,656	N/A
Relative Risk*	1.04	1.67	1.11	1.93	0.81	0.00	0.23	N/A

*Relative Risk = (% of Total Collisions in Class)/(% of Total Licence Holders in Class)

Number of Drivers Involved in Collisions by Condition and Age

Figure 5.4

Driver Condition	Age Group																	Total	%
	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated						
Apparently Normal	9	17	30	23	15	19	79	197	239	173	80	27	1	909	77.8				
Fatigued, Fell Asleep	0	0	0	0	1	0	0	1	0	1	0	0	0	3	0.3				
Inexperience	6	12	1	2	3	1	4	6	1	0	1	0	0	37	3.2				
Under Influence - Alcohol	1	1	4	1	3	1	8	10	13	3	3	1	2	51	4.4				
Under Influence - Drugs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0				
Sudden Illness, Lost Consciousness	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.1				
Other Condition	0	0	0	0	0	0	1	1	1	0	2	0	0	5	0.4				
Unknown	1	0	3	3	0	2	3	14	10	11	6	5	104	162	13.9				
Total	17	30	38	29	22	23	95	229	264	188	93	33	107	1,168					
%	1.5	2.6	3.3	2.5	1.9	2.0	8.1	19.6	22.6	16.1	8.0	2.8	9.2	100.0					

Number of Drivers Involved In Collisions by Driver Action and Age

Figure 5.5

Driver Action	Age Group											Total	%		
	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64			65+	
Driving Properly	1	4	7	4	5	6	25	75	94	78	28	7	1	335	28.7
Following Too Closely	0	1	3	0	0	0	3	6	8	7	2	1	1	32	2.7
Distracted, Inattentive	1	4	4	4	1	4	6	11	20	11	2	3	1	72	6.2
Driving Too Fast	4	6	8	6	4	3	22	29	27	15	4	2	2	132	11.3
Improper Turning or Passing	0	1	0	0	0	0	1	2	2	2	3	0	0	11	0.9
Failing to Yield Right of Way	1	2	4	0	1	1	4	14	10	6	4	2	2	51	4.4
Disobeying Traffic Control/Officer	0	0	1	0	0	0	1	0	2	0	0	0	0	4	0.3
Driving on Wrong Side of Road	3	0	0	0	0	0	1	0	4	1	1	0	0	10	0.9
Driving in Wrong Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Backing Unsafely	0	4	4	9	3	2	11	29	42	27	23	12	1	167	14.3
Lost Control	5	5	6	2	5	4	16	38	37	18	14	4	3	157	13.4
Other Driver Action	1	0	0	1	0	0	1	3	2	4	1	2	0	15	1.3
Unknown	1	3	1	3	3	3	4	22	16	19	11	0	96	182	15.6
Total	17	30	38	29	22	23	95	229	264	188	93	33	107	1,168	
%	1.5	2.6	3.3	2.5	1.9	2.0	8.1	19.6	22.6	16.1	8.0	2.8	9.2	100.0	

Vehicle Factors – Section 6

Number of Vehicles in Collisions by Vehicle Type and Severity

Figure 6.1

Vehicle Type	Property Damage	Personal Injury	Fatal	Total	%
Passenger Car	352	52	2	406	29.0
Passenger Van	118	12	0	130	9.3
Light Utility Vehicle	175	31	1	207	14.8
Pickup Truck	408	43	0	451	32.2
Panel/Cargo Van	12	3	0	15	1.1
Other Truck/Van <= 4536 kg	6	2	0	8	0.6
Unit Truck > 4536 kg	16	3	1	20	1.4
Road Tractor	19	7	0	26	1.9
School Bus	2	0	0	2	0.1
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	5	0	0	5	0.4
Intercity Bus	0	0	0	0	0.0
Bus - Unspecified	0	0	0	0	0.0
Motorcycle	1	1	0	2	0.1
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	0	4	0	4	0.3
Bicycle	1	9	0	10	0.7
Motor Home	1	0	0	1	0.1
Farm Equipment	0	0	0	0	0.0
Construction Equipment	1	0	0	1	0.1
Fire Engine	0	0	0	0	0.0
Snowmobile	8	9	3	20	1.4
Streetcar	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	92	1	0	93	6.6
Total	1217	177	7	1401	100.0

Number of Vehicles in Collisions by Vehicle Condition and Severity

Figure 6.2

Vehicle Condition	Property Damage	Personal Injury	Fatal	Total	%
No Apparent Defect	1044	157	6	1207	86.2
Defective Brakes	1	1	0	2	0.1
Defective Steering	0	0	0	0	0.0
Defective Lighting	0	0	0	0	0.0
Tire Blown Out	1	1	0	2	0.1
Unsecured Load, Spilled Load	2	1	0	3	0.2
Oversized Load, Overload	1	0	0	1	0.1
Visibility Obstructed	14	0	0	14	1.0
Other Defective Vehicular Parts	11	1	0	12	0.9
Other Vehicular Factor	2	0	0	2	0.1
Unknown	141	16	1	158	11.3
Total	1217	177	7	1401	100.0

Vehicle Factors – Section 6

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 6.3

Vehicle Manoeuvre	Property Damage	Personal Injury	Fatal	Total	%
Going Straight Ahead	325	93	4	422	30.1
Turning Left	71	16	0	87	6.2
Turning Right	34	7	0	41	2.9
Making U-Turn	4	0	0	4	0.3
Changing Lanes	7	1	0	8	0.6
Merging	4	2	0	6	0.4
Reversing	177	6	0	183	13.1
Overtaking	7	2	0	9	0.6
Negotiating Curve	58	15	1	74	5.3
Slowing or Stopped in Traffic	156	21	0	177	12.6
Starting in Traffic	2	1	0	3	0.2
Leaving Roadside	4	0	0	4	0.3
Stopped/Parked Legally	246	7	0	253	18.1
Stopped/Parked Illegally	13	0	0	13	0.9
Swerving to Avoid Collision	8	5	2	15	1.1
Run-away or Roll-away Vehicle	5	0	0	5	0.4
Unspecified Manoeuvre	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	96	1	0	97	6.9
Total	1217	177	7	1401	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

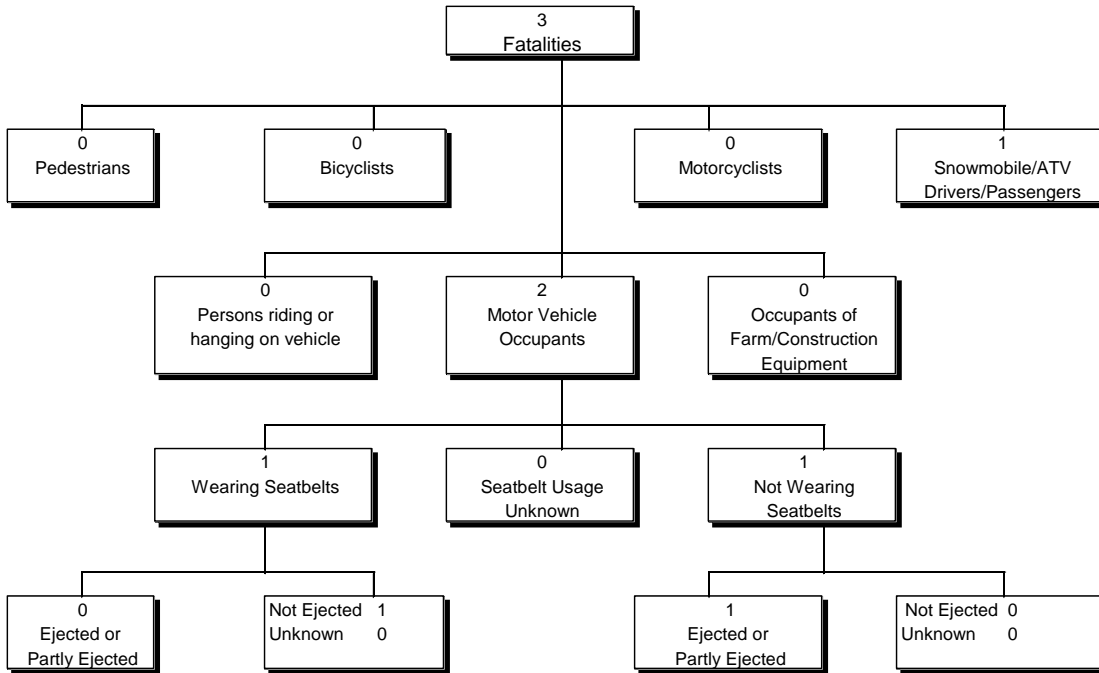
Figure 6.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
2005	10	0	1	11	0.8
2004	89	13	0	102	7.3
2003	166	20	0	186	13.3
2002	127	26	1	154	11.0
2001	106	15	0	121	8.6
2000	91	11	1	103	7.4
1999	77	8	0	85	6.1
1998	88	6	1	95	6.8
1997	60	9	0	69	4.9
1996	42	4	0	46	3.3
1995	31	4	0	35	2.5
1994	36	8	1	45	3.2
1993 & Older	185	37	0	222	15.8
Unspecified	109	16	2	127	9.1
Total	1217	177	7	1401	100.0

Victims and Occupant Restraints – Section 7

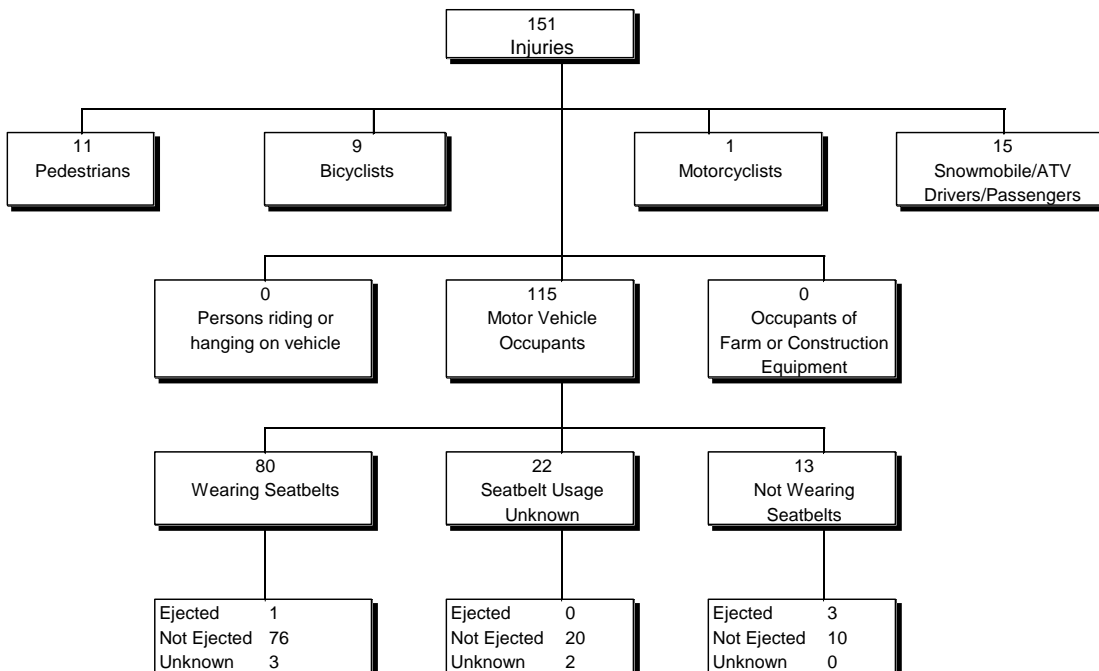
Fatalities Classification
(January 1 to December 31, 2004)

Figure 7.1



Injuries Classification
(January 1 to December 31, 2004)

Figure 7.2



Victims and Occupant Restraints – Section 7

Persons Injured by Road User Class and Age Group

Figure 7.3

Road User Class	0	5	15	20	25	35	45	55	65	Not	Total	%
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated		
Motor Vehicle Driver	0	0	8	10	12	21	14	8	0	0	73	48.3
Motor Vehicle Passenger	1	7	8	5	4	6	3	1	1	6	42	27.8
Pedestrian	1	3	4	0	0	0	0	1	2	0	11	7.3
Bicyclist	0	5	2	0	0	0	2	0	0	0	9	6.0
Motorcyclist (includes passengers)	0	0	0	0	0	1	0	0	0	0	1	0.7
ATV Operators & Passengers	0	2	2	0	1	0	0	0	0	0	5	3.3
Snowmobile Operators & Passengers	0	3	3	2	1	1	0	0	0	0	10	6.6
Farm/Construction Equipment	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	2	20	27	17	18	29	19	10	3	6	151	100.0

Persons Killed by Road User Class and Age Group

Figure 7.4

Road User Class	0	5	15	20	25	35	45	55	65	Not	Total	%
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated		
Motor Vehicle Driver	0	0	0	0	1	1	0	0	0	0	2	66.7
Motor Vehicle Passenger	0	0	0	0	0	0	0	0	0	0	0	0.0
Pedestrian	0	0	0	0	0	0	0	0	0	0	0	0.0
Bicyclist	0	0	0	0	0	0	0	0	0	0	0	0.0
Motorcyclist (includes passengers)	0	0	0	0	0	0	0	0	0	0	0	0.0
ATV Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Snowmobile Operators & Passengers	0	0	0	0	0	1	0	0	0	0	1	33.3
Farm/Construction Equipment	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	0	0	0	0	1	2	0	0	0	0	3	100.0

Persons Injured or Killed by Road User Class and Gender

Figure 7.5

Road User Class	Persons Injured				Persons Killed			
	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Motor Vehicle Driver	44	29	0	73	1	1	0	2
Motor Vehicle Passenger	15	27	0	42	0	0	0	0
Pedestrian	7	4	0	11	0	0	0	0
Bicyclist	6	3	0	9	0	0	0	0
Motorcyclist (includes passengers)	1	0	0	1	0	0	0	0
ATV Operators & Passengers	3	2	0	5	0	0	0	0
Snowmobile Operators & Passengers	8	2	0	10	1	0	0	1
Farm/Construction Equipment	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Unspecified	0	0	0	0	0	0	0	0
Total	84	67	0	151	2	1	0	3

Victims and Occupant Restraints – Section 7

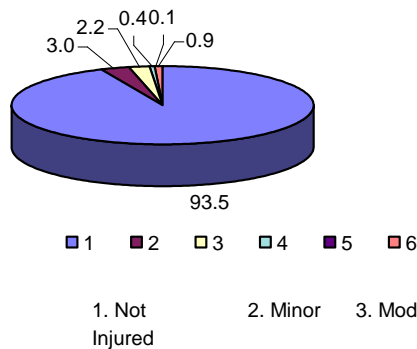
Motor Vehicle* Occupants by Injury Severity and Restraint Use

Figure 7.6

Injury Severity	Restraint Use					Total	%
	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Unknown		
Not Injured	54	17	1110	31	391	1603	93.2
Minimal Injuries	2	0	36	1	6	45	2.6
Minor Injuries	6	2	25	0	10	43	2.5
Major (Hospital Admission)	2	0	5	0	1	8	0.5
Fatal	1	0	1	0	0	2	0.1
Injured - Extent Unknown	3	0	11	0	5	19	1.1
Total	68	19	1188	32	413	1720	100.0

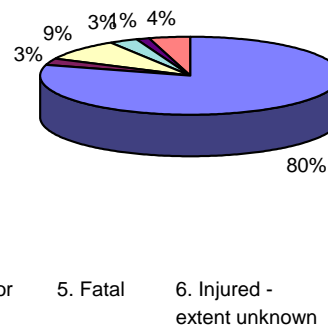
* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Restraints Used



Restraints Not Used

Figure 7.7



Note: The totals used to calculate the percentages in Figures 7.2 and 7.3 do not include occupants where seat belt use was coded as "unknown".

Injury Classification

- 1 Not Injured - no visible signs or any complaint of injury
- 2 Minor - minor complaint of injury by victim, but no medical treatment required
- 3 Moderate - an injury requiring medical attention but not serious enough to require hospital admission
- 4 Major - an injury serious enough to require hospital admission
- 5 Fatal - death within 30 days as a result of injuries incurred in the traffic collision
- 6 Injured- Extent Unknown - victim sustained injuries, precise extent unknown

Victims and Occupant Restraints – Section 7

Motor Vehicle* Occupants by Injury Severity & Age Group

Figure 7.8

Restraints Used

Injury Severity	0	5	15	20	25	35	45	55	65	Not	Total
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	
Not Injured	34	55	134	113	224	208	152	76	28	134	1158
Minimal Injuries	1	0	5	6	3	10	6	3	0	3	37
Minor Injuries	0	3	4	1	4	5	6	2	1	1	27
Major (Hospital Admission)	0	0	0	1	1	1	1	1	0	0	5
Fatal	0	0	0	0	1	0	0	0	0	0	1
Injured - Extent Unknown	0	2	1	1	3	4	0	0	0	0	11
Total	35	60	144	122	236	228	165	82	29	138	1239

Restraints Not Used

Injury Severity	0	5	15	20	25	35	45	55	65	Not	Total
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	
Not Injured	0	1	10	3	11	6	5	3	4	11	54
Minimal Injuries	0	0	0	1	1	0	0	0	0	0	2
Minor Injuries	0	0	2	1	1	1	0	1	0	0	6
Major (Hospital Admission)	0	0	1	1	0	0	0	0	0	0	2
Fatal	0	0	0	0	0	1	0	0	0	0	1
Injured - Extent Unknown	0	0	0	0	0	2	0	1	0	0	3
Total	0	1	13	6	13	10	5	5	4	11	68

* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Victim Restraint Use Rate by Victim Age

Figure 7.9

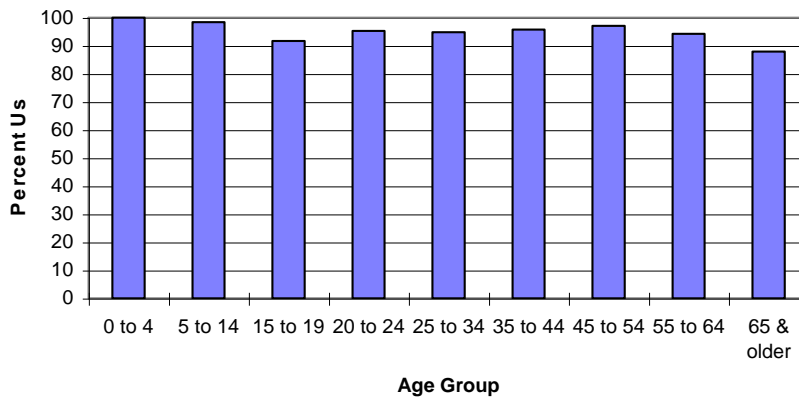


Figure 8.1
Pedestrians Injured or Killed by Age Group

	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 & older	Not Stated	Total	%
Injured	1	3	4	0	0	0	0	1	2	0	11	100.0
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	3	4	0	0	0	0	1	2	0	11	
%	9.1	27.3	36.4	0.0	0.0	0.0	0.0	9.1	18.2	0.0	100.0	

Figure 8.2
Pedestrians Injured or Killed by Pedestrian Action and Age Group

Pedestrian Action	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 & older	Not Stated	Total	%
Crossing Intersection With Traffic Control, With Right-of-Way	0	2	0	0	0	0	0	0	0	0	2	18.2
Crossing Intersection With Traffic Control, Without Right-of-Way	0	0	1	0	0	0	0	0	0	0	1	9.1
Crossing Intersection - No Traffic Control	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Roadway at Crosswalk	0	0	0	0	0	0	0	0	1	0	1	9.1
Crossing Roadway Not at Intersection	0	0	1	0	0	0	0	0	0	0	1	9.1
Walking Along Roadway Against Traffic	0	1	0	0	0	0	0	0	0	0	1	9.1
Walking Along Roadway With Traffic	0	0	2	0	0	0	0	0	0	0	2	18.2
On Sidewalk, Median, Safety Zone	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway With Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Coming from Behind Parked Vehicle/Object on Roadside	0	0	0	0	0	0	0	1	0	0	1	9.1
Coming from Behind Moving Vehicle	0	0	0	0	0	0	0	0	0	0	0	0.0
Running into Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
Getting On/Off School Bus	0	0	0	0	0	0	0	0	0	0	0	0.0
Getting On/Off Other Vehicles	0	0	0	0	0	0	0	0	0	0	0	0.0
Pushing Vehicle on Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Working on Vehicle on Side of Road	0	0	0	0	0	0	0	0	1	0	1	9.1
Playing on Roadway	1	0	0	0	0	0	0	0	0	0	1	9.1
Working on Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
Lying on Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	3	4	0	0	0	0	1	2	0	11	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	11	11	100.0
Rural	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	11	11	100.0

Pedestrians Injured or Killed by Accident Site

Figure 8.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	7	7	63.6
At Intersection of At Least Two Roadways	0	3	3	27.3
Intersection With Parking Lot/Driveway/Alley	0	1	1	9.1
Railroad Level Crossing	0	0	0	0.0
Bridge/Overpass/Viaduct	0	0	0	0.0
Tunnel or Underpass	0	0	0	0.0
Passing Lane/Climbing Lane	0	0	0	0.0
Other	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	11	11	100.0

Pedestrians Injured or Killed by Pedestrian Condition

Figure 8.5

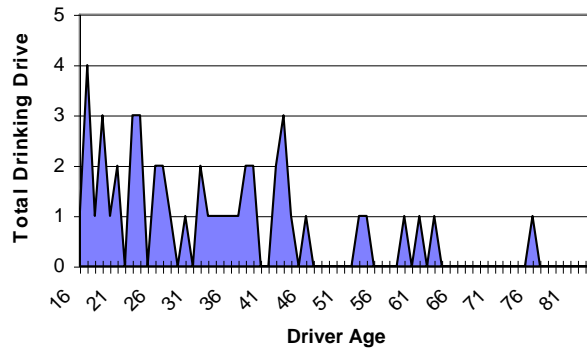
Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	8	8	72.7
Had Been Drinking	0	3	3	27.3
Impaired by Alcohol	0	0	0	0.0
Unknown	0	0	0	0.0
Total	0	11	11	100.0

Drinking Drivers in Collisions by Driver Age and Gender

Figure 9.1

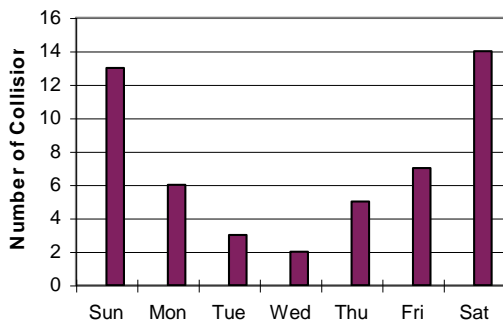
Driver Age	Male	Female	Not Stated	Total Drinking Drivers
Under 16	0	1	0	1
16	0	1	0	1
17	1	3	0	4
18	0	1	0	1
19	3	0	0	3
20	1	0	0	1
21 to 24	8	0	0	8
25 to 34	10	0	0	10
35 to 44	9	4	0	13
45 to 54	3	0	0	3
55 to 64	3	0	0	3
65 & Older	1	0	0	1
Not Stated	0	0	2	2
Total	39	10	2	51

Drinking Drivers by Driver Age



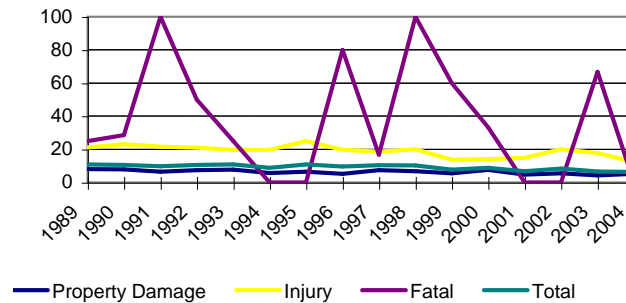
Collisions Involving Alcohol by Day of Week

Figure 9.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 9.3



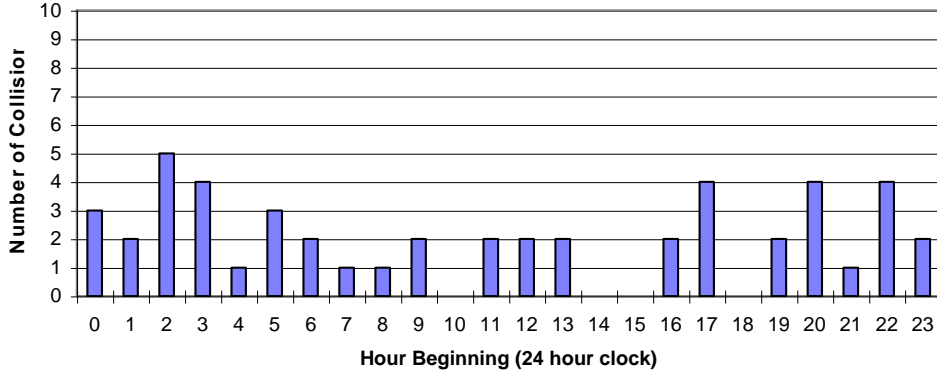
Number of Collisions and Victims Involving Alcohol

Figure 9.4

Year	Number of Collisions				% of Total Collisions	Number of Victims			
	Property Damage	Personal Injury	Fatal	Total		Injured	Killed	Total	% of Total Victims
1994	32	34	0	66	8.9	51	0	51	20.9
1995	33	41	0	74	10.9	62	0	62	27.2
1996	25	28	8	61	9.6	50	8	58	26.7
1997	33	28	1	62	10.3	43	1	44	19.2
1998	31	27	2	60	10.2	45	2	47	23.7
1999	29	21	3	53	7.7	54	5	59	20.8
2000	41	18	1	60	8.8	30	3	33	17.6
2001	27	21	0	48	6.7	36	0	36	17.3
2002	36	31	0	67	8.3	59	0	59	25.1
2003	29	23	2	54	6.6	35	2	37	21.1
2004	36	14	0	50	6.3	21	0	21	13.6
Average	32	26	2	60	8.6	44	2	46	21.2

Number of Alcohol Related Collisions by Time of Day

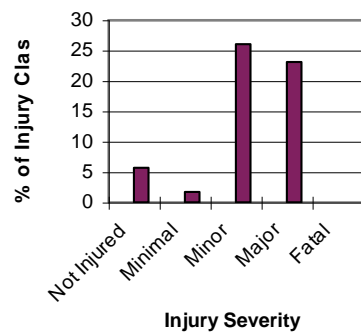
Figure 9.5



Injury Severity by Alcohol Involvement

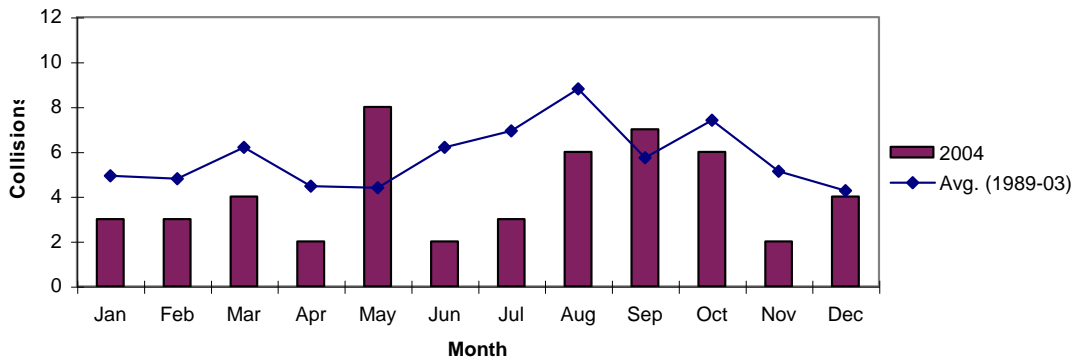
Figure 9.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	92	1,532	1624	5.7
Minimal Injuries	1	57	58	1.7
Minor	13	37	50	26.0
Major	3	10	13	23.1
Fatal	0	3	3	0.0
Injured - Extent Unknown	4	26	30	13.3
Total	113	1665	1778	6.4



Alcohol-Involved Collisions by Month

Figure 9.7



Off-Road Vehicle Collisions by Month and Severity

Figure 10.1

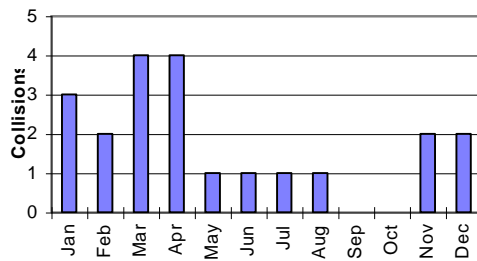
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	2	1	0	3	1	0
February	2	0	0	2	0	0
March	1	3	0	4	4	0
April	1	3	0	4	5	0
May	0	1	0	1	1	0
June	0	1	0	1	1	0
July	0	1	0	1	1	0
August	0	1	0	1	2	0
September	0	0	0	0	0	0
October	0	0	0	0	0	0
November	1	1	0	2	1	0
December	1	0	1	2	0	1
Total	8	12	1	21	16	1

Off-Road Vehicle Collisions by Vehicle Type

Figure 10.2

	Snowmobile	ATV	Total
Total Victims	11	5	16
Killed	1	0	1
Injured	10	5	15
Total Vehicles Involved	20	4	24
Fatal	3	0	3
Injury	9	4	13
Property Damage	8	0	8

Off-Road Vehicle Collisions by Month



Off-Road Vehicles – Section 10

Off-Road Vehicle Drivers in Collisions by Driver Age and Gender

Figure 10.3

Age Group	Snowmobile			ATV			Total	%
	Male	Female	Unknown	Male	Female	Unknown		
0 to 4	0	0	0	0	0	0	0	0.0
5 to 14	2	1	0	0	1	0	4	16.7
15 to 19	2	2	0	2	0	0	6	25.0
20 to 24	3	0	0	0	0	0	3	12.5
25 to 34	4	0	0	1	0	0	5	20.8
35 to 44	4	1	0	0	0	0	5	20.8
45 to 54	0	0	0	0	0	0	0	0.0
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	0	0	0	0	0	0	0	0.0
Unknown	0	0	1	0	0	0	1	4.2
Total	15	4	1	3	1	0	24	100.0

Off-Road Vehicle Collisions by Severity and Driver Condition

Figure 10.4

Driver Condition	Property Damage	Personal Injury	Fatal	Total	%
Apparently Normal	6	9	2	17	70.8
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	1	3	0	4	16.7
Under Influence - Alcohol	0	1	0	1	4.2
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0.0
Other Condition	0	0	0	0	0.0
Unknown	1	0	1	2	8.3
Total	8	13	3	24	100.0

Off-Road Vehicle Collisions by Severity and Driver Action

Figure 10.5

Driver Action	Property Damage	Personal Injury	Fatal	Total	%
Driving Properly	1	0	2	3	12.5
Following Too Closely	0	0	0	0	0.0
Distracted, Inattentive	1	2	0	3	12.5
Driving Too Fast for Conditions	2	3	0	5	20.8
Improper Turning or Passing	0	0	0	0	0.0
Failed to Yield Right-of-Way	0	2	0	2	8.3
Disobeyed Traffic Control or Officer	0	0	0	0	0.0
Driving on Wrong Side of Road	0	1	0	1	4.2
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	0	0	0	0.0
Lost Control	3	4	0	7	29.2
Other	0	0	0	0	0.0
Unknown	1	1	1	3	12.5
Total	8	13	3	24	100.0

Off-Road Vehicle Occupants by Injury Severity and Helmet Use

Figure 10.6

Injury Severity	Helmet Worn	Helmet Not Worn	Unknown	Total	%
Not Injured	2	13	1	16	50.0
Minimal Injuries	0	8	0	8	25.0
Minor Injuries	1	2	0	3	9.4
Major (Hospital Admission)	0	2	0	2	6.3
Fatal	1	0	0	1	3.1
Injured - Extent Unknown	2	0	0	2	6.3
Total	6	25	1	32	100.0

Geographic Distribution – Section 11

Collisions by Region, RCMP Detachment and Severity

Figure 11.1

A - Inuvik Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Aklavik	3	0	0	3	0	0
Deline	3	0	0	3	0	0
Fort Good Hope	7	2	0	9	2	0
Fort McPherson	9	3	1	13	9	1
Holman	0	0	0	0	0	0
Inuvik	63	11	0	74	16	0
Norman Wells	14	1	0	15	1	0
Sachs Harbour	0	0	0	0	0	0
Tuktoyaktuk	5	3	0	8	4	0
Tulita	1	0	0	1	0	0
Sub Total						
Inuvik Region	105	20	1	126	32	1

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	8	1	0	9	1	0
Fort Simpson	25	6	0	31	7	0
Sub Total						
Fort Simpson Region	33	7	0	40	8	0

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	69	11	0	80	13	0
Fort Providence	9	2	0	11	2	0
Fort Resolution	5	0	0	5	0	0
Fort Smith	14	11	0	25	15	0
Lutsel K'e	0	1	0	1	1	0
Sub Total						
South Slave Region	97	25	0	122	31	0

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Rae/Wha Ti	27	8	0	35	12	0
Yellowknife	420	53	2	475	68	2
Sub Total						
North Slave Region	447	61	2	510	80	2

Total - All Regions	682	113	3	798	151	3
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Geographic Distribution – Section 11

Collision Rates by Region and RCMP Detachment

Figure 11.2

A - Inuvik Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2004 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Aklavik	3	170	93	631	1.76	3.23	0.48
Deline	3	166	72	570	1.81	4.17	0.53
Fort Good Hope	9	228	116	686	3.95	7.76	1.31
Fort McPherson	13	312	216	1,008	4.17	6.02	1.29
Ulukhaktok	0	78	90	421	0.00	0.00	0.00
Inuvik	74	1,988	1,946	3,586	3.72	3.80	2.06
Norman Wells	15	522	763	848	2.87	1.97	1.77
Sachs Harbour	0	33	30	120	0.00	0.00	0.00
Tuktoyaktuk	8	410	312	1,322	1.95	2.56	0.61
Tulita	1	166	118	487	0.60	0.85	0.21
Sub Total							
Inuvik Region	126	4,073	3,756	9,679	3.09	3.35	1.30

B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2004 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Fort Liard	9	240	260	596	3.75	3.46	1.51
Fort Simpson	31	859	988	1,709	3.61	3.14	1.81
Sub Total							
Fort Simpson Region	40	1,099	1,248	2,305	3.64	3.21	1.74

C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2004 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Hay River	80	2,826	4,283	3,956	2.83	1.87	2.02
Fort Providence	11	272	349	835	4.04	3.15	1.32
Fort Resolution	5	244	260	528	2.05	1.92	0.95
Fort Smith	25	1,521	3,107	2,514	1.64	0.80	0.99
Lutsel K'e	1	99	39	407	1.01	2.56	0.25
Sub Total							
South Slave Region	122	4,962	8,038	8,240	2.46	1.52	1.48

D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2004 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Behchoko/Whati	35	931	798	2,811	3.76	4.39	1.25
Yellowknife	475	13,576	14,465	19,274	3.50	3.28	2.46
Sub Total							
North Slave Region	510	14,507	15,263	22,085	3.52	3.34	2.31

Total - All Regions	798	24,641	28,305	42,810	3.24	2.82	1.86
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[1] Number of registered vehicles and licensed drivers are as of December 31, 2004.

[2] 2004 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2005.

Geographic Distribution – Section 11

Collisions on the NWT Highway System

Figure 11.3

Highway #1 (Mackenzie)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	1.0	17 Feb 2004	Property Damage	Ran Off Road - Right	0	0
	26.0	25 Mar 2004	Property Damage	Ran Off Road - Left	0	0
	53.0	26 Feb 2004	Property Damage	Single Vehicle Rollover	0	0
	54.0	14 Aug 2004	Injury	Single Vehicle Rollover	2	0
	63.0	26 Feb 2004	Property Damage	Ran Off Road - Left	0	0
	69.0	18 Aug 2004	Property Damage	Single Vehicle Rollover	0	0
	72.0	12 Oct 2004	Property Damage	Single Vehicle Rollover	0	0
	72.8	14 Jan 2004	Property Damage	Ran Off Road - Right	0	0
	81.0	21 Aug 2004	Property Damage	Single Vehicle Rollover	0	0
	83.8	24 Sep 2004	Property Damage	Rear End	0	0
	84.0	1 Jan 2004	Property Damage	Ran Off Road - Right	0	0
	85.4	13 Sep 2004	Injury	Single Vehicle Rollover	1	0
	125.0	2 Aug 2004	Property Damage	Animal Strike	0	0
	128.9	16 Feb 2004	Property Damage	Ran Off Road - Left	0	0
	130.0	14 Oct 2004	Property Damage	Single Vehicle Rollover	0	0
	168.0	24 Aug 2004	Injury	Single Vehicle Rollover	2	0
	178.0	3 Dec 2004	Property Damage	Rear End	0	0
	182.5	21 Feb 2004	Property Damage	Ran Off Road - Right	0	0
	325.4	6 Mar 2004	Property Damage	Ran Off Road - Right	0	0
	352.0	27 Feb 2004	Property Damage	Ran Off Road - Right	0	0
	371.0	1 Oct 2004	Property Damage	Animal Strike	0	0
	382.3	9 Aug 2004	Injury	Single Vehicle Rollover	1	0
	394.0	29 Apr 2004	Property Damage	Single Vehicle Rollover	0	0
	469.8	4 Jul 2004	Injury	Single Vehicle Rollover	1	0
	491.0	25 Jul 2004	Injury	Single Vehicle Rollover	1	0
	612.0	15 Oct 2004	Injury	Single Vehicle Rollover	2	0

Summary Highway #1	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	19	7	0	26	10	0

Highway #2 (Hay River)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	1.0	31 Jul 2004	Property Damage	Ran Off Road - Right	0	0
	5.0	9 Sep 2004	Property Damage	Animal Strike	0	0
	37.0	7 Aug 2004	Property Damage	Other Multi-Vehicle Different Direction	0	0
	37.1	28 Dec 2004	Property Damage	Single Vehicle Rollover	0	0
	38.8	4 Jan 2004	Property Damage	Right Angle	0	0
	39.0	7 Jan 2004	Injury	Ran Off Road - Left	1	0
	40.6	20 Dec 2004	Property Damage	Other Multi-Vehicle Same Direction	0	0
	42.0	10 Jan 2004	Injury	Rear End	1	0
	43.6	7 Mar 2004	Property Damage	Right Angle	0	0
	43.8	29 Jan 2004	Property Damage	Single Vehicle Rollover	0	0
	43.8	16 Feb 2004	Injury	Collision with Fixed Object	1	0
	43.8	30 Nov 2004	Property Damage	Head-on	0	0
	46.0	31 Jul 2004	Injury	Single Vehicle Rollover	1	0

Summary Highway #2	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	9	4	0	13	4	0

Geographic Distribution – Section 11

Highway #3 (Yellowknife)	On Km	Collision		Collision Severity	Collision Configuration	# Persons	
		Date				Injured	Killed
	16.7	14	Nov 2004	Property Damage	Animal Strike	0	0
	17.2	31	Jul 2004	Property Damage	Collision with Parked Vehicle	0	0
	31.4	2	Dec 2004	Property Damage	Single Vehicle Rollover	0	0
	47.0	25	Feb 2004	Property Damage	Single Vehicle Rollover	0	0
	70.0	9	Aug 2004	Property Damage	Animal Strike	0	0
	100.0	9	Aug 2004	Injury	Single Vehicle Rollover	1	0
	122.9	1	Oct 2004	Property Damage	Ran Off Road - Right	0	0
	123.0	26	Jan 2004	Injury	Animal Strike	1	0
	158.0	25	Nov 2004	Injury	Rear End	2	0
	172.0	23	Jan 2004	Property Damage	Single Vehicle Rollover	0	0
	200.0	6	Sep 2004	Property Damage	Animal Strike	0	0
	208.0	10	Apr 2004	Property Damage	Animal Strike	0	0
	238.0	13	Jun 2004	Property Damage	Ran Off Road - Right	0	0
	238.0	20	Aug 2004	Injury	Animal Strike	1	0
	242.0	7	Jan 2004	Property Damage	Single Vehicle Rollover	0	0
	246.0	13	Feb 2004	Property Damage	Ran Off Road - Right	0	0
	246.0	11	Nov 2004	Property Damage	Animal Strike	0	0
	254.7	30	May 2004	Injury	Single Vehicle Rollover	1	0
	260.0	7	Oct 2004	Property Damage	Animal Strike	0	0
	263.0	20	Sep 2004	Injury	Single Vehicle Rollover	1	0
	270.0	27	Sep 2004	Property Damage	Animal Strike	0	0
	276.0	30	Aug 2004	Property Damage	Ran Off Road - Left	0	0
	276.8	16	Nov 2004	Property Damage	Single Vehicle Rollover	0	0
	278.8	3	Dec 2004	Injury	Collision with Fixed Object	3	0
	304.0	13	Oct 2004	Property Damage	Ran Off Road - Left	0	0
	306.3	9	Dec 2004	Property Damage	Single Vehicle Rollover	0	0
	314.0	30	Jun 2004	Property Damage	Other Single Vehicle Collision	0	0
	317.0	11	Jun 2004	Injury	Single Vehicle Rollover	2	0
	318.8	13	Dec 2004	Property Damage	Single Vehicle Rollover	0	0
	325.0	25	Jul 2004	Injury	Ran Off Road - Right	2	0
	328.8	22	Oct 2004	Property Damage	Ran Off Road - Left	0	0
	329.0	21	Oct 2004	Property Damage	Ran Off Road - Left	0	0
	330.7	21	Jul 2004	Injury	Single Vehicle Rollover	3	0
	332.0	25	Oct 2004	Property Damage	Ran Off Road - Right	0	0
	334.0	23	Aug 2004	Injury	Collision with Pedestrian	1	0
	336.7	29	Feb 2004	Property Damage	Collision with Fixed Object	0	0
	336.7	22	Jul 2004	Property Damage	Ran Off Road - Right	0	0
	336.7	23	Aug 2004	Property Damage	Sideswipe - Same Direction	0	0
	336.7	3	Dec 2004	Property Damage	Ran Off Road - Right	0	0
	338.4	7	Dec 2004	Property Damage	Other Multi-Vehicle Same Direction	0	0
	338.6	16	May 2004	Property Damage	Rear End	0	0
	338.8	29	Dec 2004	Property Damage	Right Angle	0	0

Summary Highway #3	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	31	11	0	42	18	0

Geographic Distribution – Section 11

Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.2	21 Jun 2004	Fatal	Sideswipe - Opposite Direction	3	1
	2.0	4 Jun 2004	Property Damage	Collision with Fixed Object	0	0
	3.1	4 May 2004	Property Damage	Ran Off Road - Left	0	0
	16.8	7 Mar 2004	Property Damage	Ran Off Road - Right	0	0
	17.0	17 Oct 2004	Property Damage	Ran Off Road - Right	0	0
	20.0	30 Jan 2004	Property Damage	Single Vehicle Rollover	0	0
	46.0	30 May 2004	Injury	Rear End	1	0
	60.0	14 Feb 2004	Property Damage	Ran Off Road - Right	0	0

Summary Highway #4	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	6	1	1	8	4	1

Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	21 Sep 2004	Property Damage	Rear End	0	0
	5.4	22 Feb 2004	Property Damage	Single Vehicle Rollover	0	0
	34.3	14 Oct 2004	Property Damage	Single Vehicle Rollover	0	0
	132.0	6 Aug 2004	Injury	Single Vehicle Rollover	2	0
	135.0	21 Jun 2004	Injury	Single Vehicle Rollover	1	0
	140.0	30 Aug 2004	Property Damage	Animal Strike	0	0
	141.0	2 Mar 2004	Injury	Single Vehicle Rollover	1	0
	144.0	10 Sep 2004	Property Damage	Animal Strike	0	0
	161.0	15 Aug 2004	Property Damage	Single Vehicle Rollover	0	0
	166.0	23 Oct 2004	Injury	Single Vehicle Rollover	2	0

Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	6	4	0	10	6	0

Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	67.3	16 Jan 2004	Property Damage	Ran Off Road - Left	0	0

Summary Highway #6	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	1	0	0	1	0	0

Geographic Distribution – Section 11

Highway #7 (Liard Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.6	20 Jan 2004	Property Damage	Animal Strike	0	0
	88.4	12 Sep 2004	Property Damage	Animal Strike	0	0
	144.0	17 Oct 2004	Property Damage	Single Vehicle Rollover	0	0
	212.0	25 Feb 2004	Property Damage	Single Vehicle Rollover	0	0
	214.1	18 Feb 2004	Property Damage	Ran Off Road - Right	0	0
	237.9	12 Sep 2004	Property Damage	Single Vehicle Rollover	0	0
	239.1	8 Mar 2004	Property Damage	Ran Off Road - Left	0	0

Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	7	0	0	7	0	0

Highway #8 (Dempster Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	12.0	16 Jul 2004	Injury	Single Vehicle Rollover	1	0
	46.0	22 Aug 2004	Property Damage	Single Vehicle Rollover	0	0
	56.0	12 Sep 2004	Injury	Single Vehicle Rollover	2	0
	74.2	14 Jul 2004	Property Damage	Collision with Fixed Object	0	0
	112.6	13 Mar 2004	Property Damage	Single Vehicle Rollover	0	0
	122.0	13 Feb 2004	Fatal	Head-on	3	1
	122.4	15 Aug 2004	Property Damage	Single Vehicle Rollover	0	0
	123.4	23 Mar 2004	Property Damage	Single Vehicle Rollover	0	0
	158.6	12 Mar 2004	Property Damage	Rear End	0	0
	173.0	22 Jul 2004	Injury	Ran Off Road - Right	1	0
	177.9	12 Mar 2004	Property Damage	Sideswipe - Opposite Direction	0	0
	209.0	28 Aug 2004	Property Damage	Single Vehicle Rollover	0	0
	220.9	30 Mar 2004	Property Damage	Ran Off Road - Right	0	0
	225.0	19 Jul 2004	Property Damage	Single Vehicle Rollover	0	0
	229.3	18 Nov 2004	Property Damage	Sideswipe - Opposite Direction	0	0
	242.0	22 Feb 2004	Property Damage	Rear End	0	0
	259.3	9 Feb 2004	Property Damage	Rear End	0	0
	265.3	12 Jan 2004	Property Damage	Single Vehicle Rollover	0	0
	269.5	20 Aug 2004	Injury	Single Vehicle Rollover	1	0

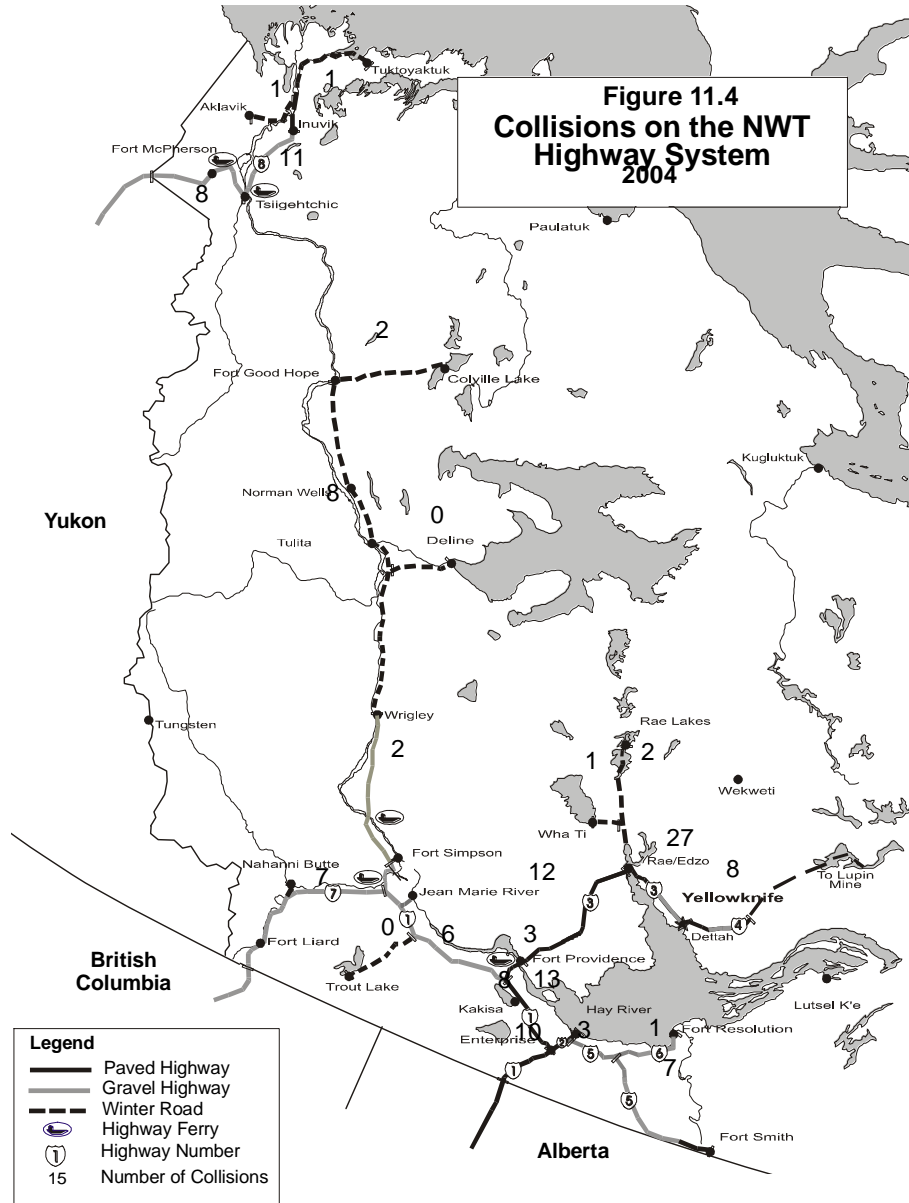
Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	14	4	1	19	8	1

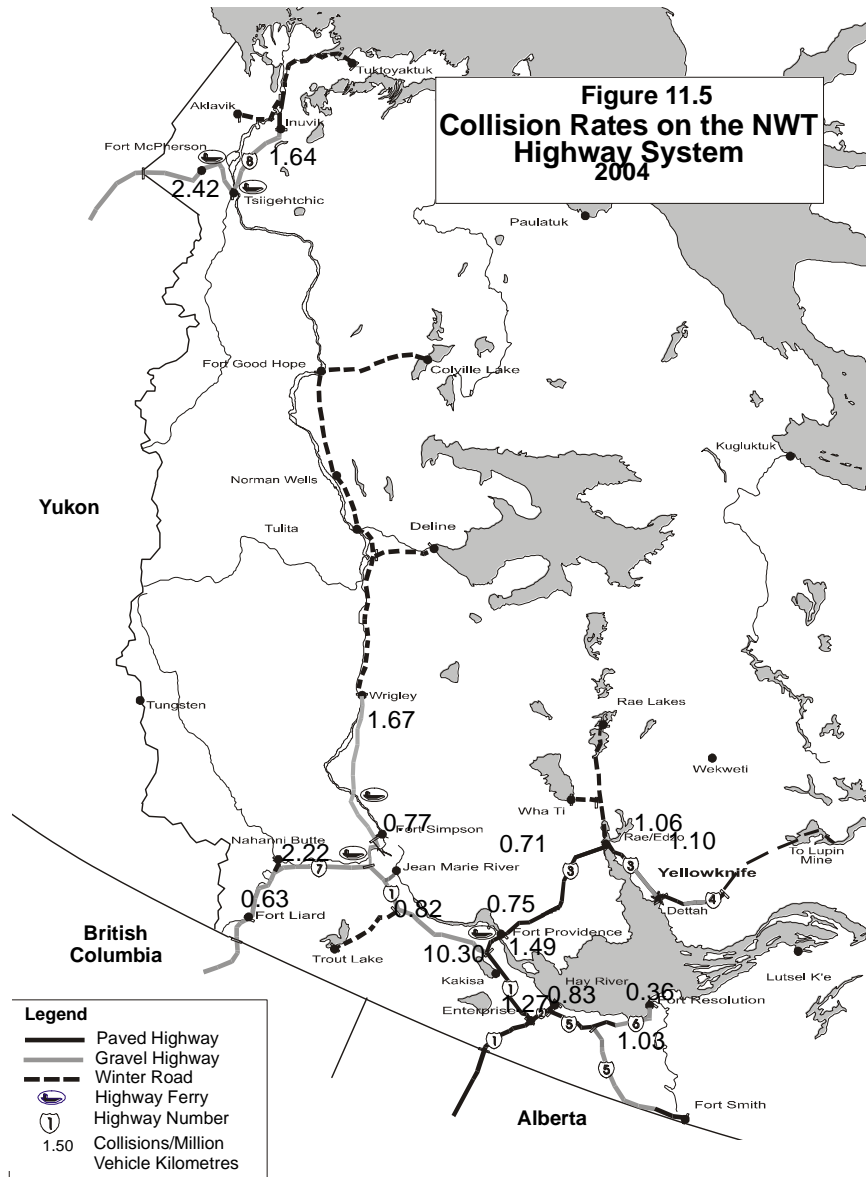
Geographic Distribution – Section 11

Access and Winter Roads	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
Fort Simpson Access Road	4 Sep 2004	Property Damage	Ran Off Road - Right	0	0
Inuvik Access Road	23 Feb 2004	Property Damage	Collision with Fixed Object	0	0
Inuvik Access Road	23 Feb 2004	Property Damage	Collision with Fixed Object	0	0
Prelude West Access Road	2 Jan 2004	Property Damage	Collision with Fixed Object	0	0
Rae Access Road	12 Aug 2004	Injury	Sideswipe - Same Direction	1	0
Rae Access Road	2 Oct 2004	Property Damage	Single Vehicle Rollover	0	0
Vee Lake Access Road	10 Jan 2004	Property Damage	Head-on	0	0
Yellowknife Access Road	10 Aug 2004	Injury	Single Vehicle Rollover	3	0
Yellowknife Access Road	24 Sep 2004	Property Damage	Right Angle	0	0
Yellowknife Access Road	9 Dec 2004	Property Damage	Rear End	0	0
Aklavik Winter Access Road	9 Apr 2004	Property Damage	Single Vehicle Rollover	0	0
Colville Lake Winter Access Road	28 Feb 2004	Property Damage	Sideswipe - Opposite Direction	0	0
Colville Lake Winter Access Road	12 Mar 2004	Property Damage	Sideswipe - Opposite Direction	0	0
Dettah Winter Access Road	29 Feb 2004	Property Damage	Collision with Fixed Object	0	0
Inuvik-Tuktoyaktuk Winter Road	19 Apr 2004	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	15 Jan 2004	Injury	Sideswipe - Opposite Direction	1	0
Mackenzie Highway Winter Road	21 Jan 2004	Property Damage	Ran Off Road - Right	0	0
Mackenzie Highway Winter Road	24 Jan 2004	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	24 Feb 2004	Property Damage	Ran Off Road - Right	0	0
Mackenzie Highway Winter Road	26 Feb 2004	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	12 Mar 2004	Injury	Single Vehicle Rollover	1	0
Mackenzie Highway Winter Road	21 Mar 2004	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	23 Apr 2004	Property Damage	Sideswipe - Opposite Direction	0	0
Rae Lakes Winter Access Road	12 Mar 2004	Property Damage	Sideswipe - Opposite Direction	0	0
Rae Lakes Winter Access Road	16 Apr 2004	Property Damage	Single Vehicle Rollover	0	0
Wha Ti Winter Access Road	17 Mar 2004	Property Damage	Other Single Vehicle Collision	0	0

Summary Access and Winter Roads	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	22	4	0	26	6	0

Summary All NWT Highways	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	115	35	2	152	56	2





Casualty Rates by Canadian Jurisdiction - 2003 [1]

Figure 12.1

Province/ Territory	Casualty Rates					
	Per 100,000 Population		Per Billion Vehicle Kilometres [2]		Per 100,000 Licensed Drivers	
	Fatalities	Injuries	Fatalities	Injuries	Fatalities	Injuries
Canada	8.8	702.7	8.9	711.0	13.0	1,036.9
Newfoundland & Labrador	7.9	550.8	11.0	768.5	11.8	821.9
Prince Edward Island	11.6	728.6	12.0	753.3	16.5	1,033.9
Nova Scotia	7.5	565.3	6.7	504.1	10.6	802.7
New Brunswick	12.4	601.8	11.8	572.5	17.7	859.0
Quebec	8.3	746.5	8.4	754.3	13.3	1,200.6
Ontario	6.9	636.0	7.3	669.2	9.9	911.3
Manitoba	8.9	841.2	8.5	795.9	15.2	1,425.1
Saskatchewan	14.9	760.5	12.1	618.0	22.1	1,131.5
Alberta	12.2	837.9	9.8	671.8	16.3	1,118.0
British Columbia	10.6	739.8	12.9	902.5	15.5	1,081.0
Yukon	22.5	749.2	14.1	468.3	30.6	1,019.8
Northwest Territories	7.2	410.5	8.2	471.4	10.2	585.7
Nunavut	20.4	N/A	N/A	N/A	N/A	N/A

[1] Canadian Motor Vehicle Traffic Collision Statistics: 2003. Published by Transport Canada.

[2] Statistics Canada, *Canadian Vehicle Survey*. Catalogue No. 53-223-XIE.

Appendix A1 – Collision Report Form Side I

Northwest Territories ACCIDENT REPORT		02. POLICE DETACHMENT N T 1 0 0	03. CASE NUMBER - - - - -	PAGE OF
1. In Community of (Give Park, Special Area Etc.) 2. Near Or Km Of Highway Number Or Street/Road/Avenue		31. DIRECTION OF TRAVEL 		REPORT TYPE 1. Original 3. Amendment 2. Continuation 4. Correction
1. At Intersection With Km Of Highway Number Or Street/Road/Avenue 2. Not At Intersection Km Of Street, Highway, Town, Etc.		9. Parked 5 0. Other U. Unknown		REPORT STATUS 1. Complete 2. Incomplete
Special Reference If Location Can Be Described More Precisely, Enter Here		10. COLLISION SEVERITY 1. Fatal 3. Property Damage 2. Injury U. Unknown		09. HOUR 00-23 UU. Unk. 13. NO. VEHICLES
14. 01. H# Moving Object 03. Off Road Left 06. Roll-over on Roadway 02. H# Stationary Object 04. Off Road Right 08. Other Single Vehicle		21. Rear End 23. Passing - Left Turn 25. Other Multi-Vehicle Same Direction 22. Sideways Same Direction 24. Passing - Right Turn 31. Head-On		04. SCENE ATTENDED 1. Yes 2. No
29. VEH. SEQUENCE # 99. Ped. UU. Unknown 30. TOTAL OCCUPANTS #		29. VEH. SEQUENCE # 99. Ped. UU. Unknown 30. TOTAL OCCUPANTS #		15. HIT AND RUN 1. Yes 2. No
LAST NAME FIRST NAME(S) ADDRESS ADDRESS DATE OF BIRTH SEX HOME PHONE WORK PHONE		LAST NAME FIRST NAME(S) ADDRESS ADDRESS DATE OF BIRTH SEX HOME PHONE WORK PHONE		11. KILLED 12. NO. INJURED
DRIVER'S LICENCE # 59. PROV. STATE CLASS 57. Years Licensed 58. STATUS 1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended 5. Expired 0. Other N. Not Applicable U. Unknown		DRIVER'S LICENCE # 59. PROV. STATE CLASS 57. Years Licensed 58. STATUS 1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended 5. Expired 0. Other N. Not Applicable U. Unknown		16. DAMAGE SEVERITY 1. None 2. Minimal 3. Moderate 4. Severe 5. Demolished 0. Other U. Unknown
34. YEAR MAKE/MODEL LICENCE PLATE # EXP 32. PROV 33. VIN U. Unknown		34. YEAR MAKE/MODEL LICENCE PLATE # EXP 32. PROV 33. VIN U. Unknown		43. FIRST IMPACT LOCATION
LAST NAME FIRST NAME(S) ADDRESS SAME AS ABOVE HOME PHONE WORK PHONE INSURANCE COMPANY ADDRESS POLICY NUMBER EXPIRY DATE		LAST NAME FIRST NAME(S) ADDRESS SAME AS ABOVE HOME PHONE WORK PHONE INSURANCE COMPANY ADDRESS POLICY NUMBER EXPIRY DATE		44. POSITION
20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unk. 56. Age 00 < 1 Yr. UU. Unk. 61. Position 62. Ejection 63. Ejection Location		20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unk. 56. Age 00 < 1 Yr. UU. Unk. 61. Position 62. Ejection 63. Ejection Location		64. MEDICAL TREATMENT REQUIRED 1. Not Injured/Unknown if Injured 2. Minimal 5. Fatal 6. Death - Natural Causes 7. Injured - Extent Unknown
04. Medical Treatment Required 05. Safety Equipment 06. Proper Use 07. Air Bag Deployed		04. Medical Treatment Required 05. Safety Equipment 06. Proper Use 07. Air Bag Deployed		65. SAFETY EQUIPMENT 01. No Safety Device Used 02. Lap Belt Only Used 03. Shoulder Belt Only Used 04. Lap/Shoulder Belt Used 05. Front-Facing Child Restraint in Use 06. Rear-Facing Child Restraint in Use 07. Booster Seat 08. Child Restraint in Use - Unspecified 09. Helmet Worn 10. Reflective Clothing Worn 11. Helmet & Reflective Clothing Worn 12. Other Device Used 13. No Safety Device Fitted UU. Unknown
Officer's Signature Name Rank Date Reviewed		NAMES AND ADDRESSES (IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH) _____ _____ _____		66. PROPER USE 1. Used Correctly 2. Used Incorrectly 3. No Safety Device Fitted N. No Safety Device Used 0. Other UU. Unknown
				67. AIR BAG DEPLOYED 1. No Air Bag Fitted 2. Air Bag Fitted, No Deployment 3. Air Bag Fitted, Deployed 4. Air Bag Fitted, Deployment Unknown N. Not Applicable Vehicle Type 0. Other U. Unknown

Appendix A2 – Collision Report Form Side II

16. ROADWAY CONFIGURATION 1. Non-Intersection <input type="checkbox"/> 2. Intersection 2 Roads <input type="checkbox"/> 3. Intersection With Parking Lot/Driveway/Alley <input type="checkbox"/> 4. Railroad Level Crossing <input type="checkbox"/> 5. Bridge, Overpass, Viaduct <input type="checkbox"/> 6. Tunnel Or Underpass <input type="checkbox"/> 7. Other <input type="checkbox"/> 8. Other <input type="checkbox"/> 9. Unknown <input type="checkbox"/>	24. ROAD SURFACE 1. Dry, Normal <input type="checkbox"/> 2. Wet <input type="checkbox"/> 3. Snow (Fresh/Loose) <input type="checkbox"/> 4. Slush, Wet Snow <input type="checkbox"/> 5. Ice <input type="checkbox"/> 6. Sandy/Gravel/Dirt <input type="checkbox"/> 7. Muddy <input type="checkbox"/> 8. Oil <input type="checkbox"/> 9. Flooded <input type="checkbox"/> O. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>	11. Urban Transit Bus <input type="checkbox"/> 12. Motorcycle <input type="checkbox"/> 15. Motorcycle - Speed Limited <input type="checkbox"/> 16. Off-Road Vehicle <input type="checkbox"/> 17. Bicycle <input type="checkbox"/> 18. Purpose-Built Motor Home <input type="checkbox"/> 19. Farm Equipment <input type="checkbox"/> 20. Construction Equipment <input type="checkbox"/> 22. Snowmobile <input type="checkbox"/> QQ. Other U.U. Unknown <input type="checkbox"/>	41. VEHICLE MANOEUVRE 01. Going Straight <input type="checkbox"/> 02. Turning Left <input type="checkbox"/> 03. Turning Right <input type="checkbox"/> 04. Making U-Turn <input type="checkbox"/> 05. Changing Lanes <input type="checkbox"/> 06. Merging <input type="checkbox"/> 07. Reversing <input type="checkbox"/> 08. Overtaking <input type="checkbox"/> 09. Negotiating Curve <input type="checkbox"/> 10. Slowing, Stopping <input type="checkbox"/> 11. Starting In Traffic <input type="checkbox"/> 12. Leaving Roadside <input type="checkbox"/> 13. Stopped/Parked Legally <input type="checkbox"/> 14. Stopped/Parked Illegally <input type="checkbox"/> 15. Swerving To Avoid Collision <input type="checkbox"/> 16. Run-Away Or Roll Away Vehicle <input type="checkbox"/> 04. Military <input type="checkbox"/> 05. Police Cruiser <input type="checkbox"/> 06. Other Police <input type="checkbox"/> 07. Ambulance <input type="checkbox"/> 08. Hearse <input type="checkbox"/> 09. Tow Truck <input type="checkbox"/> 10. Delivery Vehicle <input type="checkbox"/> 11. Road Maintenance <input type="checkbox"/> 12. Utilities Maintenance <input type="checkbox"/> 13. Fire Response <input type="checkbox"/> 99. No Special Use <input type="checkbox"/> QQ. Other <input type="checkbox"/>	44 - 46. VEHICLE EVENTS NON-COLLISION EVENTS: 01. Skidded Or Spun On Roadway <input type="checkbox"/> 02. Ran Off Road <input type="checkbox"/> 03. Overtuned, Rollover <input type="checkbox"/> 04. Jackknife Or Trailer Swing <input type="checkbox"/> 05. Fire Or Explosion <input type="checkbox"/> 06. Load Spill <input type="checkbox"/> 07. Load Shift <input type="checkbox"/> EVT1 <input type="checkbox"/> 08. Submersion <input type="checkbox"/> 09. Other Non-Collision Event <input type="checkbox"/> HIT MOVING OBJECTS: 11. Hit Moving Motor Vehicle <input type="checkbox"/> 12. Hit Pedestrian <input type="checkbox"/> 13. Hit Bicyclist <input type="checkbox"/> EVT2 <input type="checkbox"/> 14. Hit Animal <input type="checkbox"/> 15. Hit Train <input type="checkbox"/> EVT3 <input type="checkbox"/> 19. Hit Another Moving Object <input type="checkbox"/> HIT NON-MOVING OBJECTS: 21. Hit Parked Vehicle <input type="checkbox"/> 22. Hit Non-Fixed Object <input type="checkbox"/> 23. Hit Building <input type="checkbox"/> 24. Hit Ditch <input type="checkbox"/> 25. Hit Embankment, Dirt Pile, Rock <input type="checkbox"/> 26. Hit Culvert, Drainage Structure <input type="checkbox"/> 27. Hit Tree/Bush/Hedge <input type="checkbox"/> 28. Hit Light/Utility Pole <input type="checkbox"/> 29. Hit Curb <input type="checkbox"/> 30. Hit Post <input type="checkbox"/> 31. Hit Traffic Barrier <input type="checkbox"/> 32. Hit Other Fixed Object, Part Of Road Structure <input type="checkbox"/> 33. Hit Other Fixed Object, NOT Part Of Road Structure <input type="checkbox"/> 39. Hit Other Type Fixed Object <input type="checkbox"/> NN. No 2nd or 3rd Event <input type="checkbox"/> QQ. Other U.U. Unknown <input type="checkbox"/>	48. DRIVER ACTION 21. Following Too Closely <input type="checkbox"/> 22. Distracted, Inattentive <input type="checkbox"/> 23. Driving Too Fast For Conditions <input type="checkbox"/> 24. Improper Turning Or Passing <input type="checkbox"/> 25. Fail To Yield Right-Of-Way <input type="checkbox"/> 26. Disobeyed Traffic Control Device/Police Officer <input type="checkbox"/> 27. Driving On Wrong Side Of Road <input type="checkbox"/> 29. Backing Unsafely <input type="checkbox"/> 30. Lost Control <input type="checkbox"/> NN. Driving Properly <input type="checkbox"/> QQ. Other U.U. Unknown <input type="checkbox"/>	68. PEDESTRIAN ACTION 01. Crossing Intersection With ROW <input type="checkbox"/> 02. Crossing Intersection Without ROW <input type="checkbox"/> 04. In Crosswalk <input type="checkbox"/> 05. Crossing Roadway At Midblock <input type="checkbox"/> 06. Walking On Roadway Against Traffic <input type="checkbox"/> 07. Walking On Roadway With Traffic <input type="checkbox"/> 08. On Sidewalk, Median, Safety Zone <input type="checkbox"/> 11. Coming From Behind Parked Vehicle/Object <input type="checkbox"/> 12. Coming From Behind Moving Vehicle <input type="checkbox"/> 13. Running Into Roadway <input type="checkbox"/> 14. Getting On/Off School Bus <input type="checkbox"/> 15. Getting On/Off Vehicle <input type="checkbox"/> 16. Pushing Vehicle <input type="checkbox"/> Ped 1 <input type="checkbox"/> 17. Working On Vehicle <input type="checkbox"/> Ped 2 <input type="checkbox"/> 18. Playing On Road <input type="checkbox"/> Ped 2 <input type="checkbox"/> 19. Working On Road <input type="checkbox"/> Ped 3 <input type="checkbox"/> 20. Lying On Road <input type="checkbox"/> Ped 3 <input type="checkbox"/> NN. Not a Pedestrian <input type="checkbox"/> QQ. Other U.U. Unknown <input type="checkbox"/> Ped 4 <input type="checkbox"/>	INDEPENDENT WITNESSES Last Name First Name _____ Address _____ Home Phone Work Phone _____ Last Name First Name _____ Address _____ Home Phone Work Phone _____ ADDITIONAL WITNESSES ON FILE? Yes <input type="checkbox"/> No <input type="checkbox"/> DESCRIPTION: Show Direction of Travel, Obstructions, Vehicle Movement, Travel Lane, Fixed Objects, Traffic Controls.							
17. WEATHER CONDITION 1. Clear and/or Sunny <input type="checkbox"/> 2. Overcast, Cloudy - No Precipitation <input type="checkbox"/> 3. Raining <input type="checkbox"/> 4. Snowing, Not Including Drifting Snow <input type="checkbox"/> 5. Freeze, Rain, Sleet, Hail <input type="checkbox"/> 6. Visibility Limitation (Eg. Fog, Smoke, Dust, Mist) <input type="checkbox"/> 7. Strong Wind <input type="checkbox"/> Q. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>	25. ROAD CONDITION 1. Good <input type="checkbox"/> 2. Potholes, Bumps, Ruts <input type="checkbox"/> 3. Under Construction, Repair <input type="checkbox"/> 4. Uneven <input type="checkbox"/> 5. Worn <input type="checkbox"/> 6. Obscured/Faded Markings <input type="checkbox"/> Q. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>	26. ROAD ALIGNMENT 1. Straight And Level <input type="checkbox"/> 2. Straight With Grade <input type="checkbox"/> 3. Curved And Level <input type="checkbox"/> 4. Curved With Grade <input type="checkbox"/> 5. Top Of Hill/Gradient <input type="checkbox"/> 6. Bottom Of Hill/Gradient <input type="checkbox"/> Q. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>	36. VEHICLE USE 01. Taxi <input type="checkbox"/> 02. School Bus <input type="checkbox"/> 03. Other Bus <input type="checkbox"/> 04. Military <input type="checkbox"/> 05. Police Cruiser <input type="checkbox"/> 06. Other Police <input type="checkbox"/> 07. Ambulance <input type="checkbox"/> 08. Hearse <input type="checkbox"/> 09. Tow Truck <input type="checkbox"/> 10. Delivery Vehicle <input type="checkbox"/> 11. Road Maintenance <input type="checkbox"/> 12. Utilities Maintenance <input type="checkbox"/> 13. Fire Response <input type="checkbox"/> 99. No Special Use <input type="checkbox"/> QQ. Other <input type="checkbox"/>	47. EMERGENCY USE 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> N. Not an Emergency Vehicle <input type="checkbox"/> U. Unknown <input type="checkbox"/>	37. TRAFFIC CONTROL 01. Traffic Signals - Oper. <input type="checkbox"/> 02. Traffic Signals - Flashing <input type="checkbox"/> 03. Stop Sign <input type="checkbox"/> 04. Yield Sign <input type="checkbox"/> 05. Warning Sign <input type="checkbox"/> 06. Pedestrian Crosswalk <input type="checkbox"/> 07. Police Officer <input type="checkbox"/> 08. School Guard, Flagman <input type="checkbox"/> 09. School Crossing <input type="checkbox"/> 10. Reduced Speed Zone <input type="checkbox"/> 11. No Passing Zone Sign <input type="checkbox"/> 12. Road Markings <input type="checkbox"/> 13. School Bus Stopped/ Lights Flashing <input type="checkbox"/> 14. School Bus Stopped/ Lights Not Flashing <input type="checkbox"/> 15. Rail Crossing With Signals and/or Gates <input type="checkbox"/> 16. Rail X-ing, Signs Only <input type="checkbox"/> 17. Unspec. Control Device <input type="checkbox"/> 18. No Control Present <input type="checkbox"/> Q. Other <input type="checkbox"/> U.U. Unknown <input type="checkbox"/>	38. TRAILER TYPE 1. Recreational Trailer <input type="checkbox"/> 2. Light Utility Trailer (Boat) <input type="checkbox"/> 3. Commercial Full Trailer <input type="checkbox"/> 4. One Semi-Trailer <input type="checkbox"/> 5. Two Semi-Trailers, A-Train <input type="checkbox"/> 6. Two Semi-Trailers, B-Train <input type="checkbox"/> 7. Two Semi-Trailers, C-Train <input type="checkbox"/> 8. Two Semi-Trailers, Connector <input type="checkbox"/> 9. Three Semi-Trailers <input type="checkbox"/> N. No Trailers <input type="checkbox"/> Q. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>	39. USE OF HEADLIGHTS 1. No Headlights On/Not Equipped <input type="checkbox"/> 2. Daytime Running Lights On <input type="checkbox"/> 3. Headlights On <input type="checkbox"/> 4. Parking Lights Only On <input type="checkbox"/> 5. Fog Or Auxiliary Lights On <input type="checkbox"/> Q. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>	40. VEHICLE SPEED 000. Stopped In Traffic <input type="checkbox"/> NN. Parked <input type="checkbox"/> U.U. Unknown <input type="checkbox"/>	50. ENVIRONMENTAL FACTORS 51. Animal On Roadway <input type="checkbox"/> 52. Road Surface Or Other Condition <input type="checkbox"/> 53. Obstruction On Road <input type="checkbox"/> 54. View Obstructed, Glare, Reflection <input type="checkbox"/> 55. Weather Or Acts Of God <input type="checkbox"/> NN. No Environmental Factors <input type="checkbox"/> QQ. Other U.U. Unknown <input type="checkbox"/>	52. DANGEROUS GOODS CLASS 1. Explosives <input type="checkbox"/> 2. Gases <input type="checkbox"/> 3. Flammable Liquids <input type="checkbox"/> 4. Flammable Solids, Spontaneous Combustibles <input type="checkbox"/> 5. Oxidizers & Organic Peroxides <input type="checkbox"/> 6. Poisonous & Infectious Substances <input type="checkbox"/> 7. Radioactives <input type="checkbox"/> 8. Corrosives <input type="checkbox"/> 9. Misc. Dangerous Goods <input type="checkbox"/> N. Not a Commercial Vehicle <input type="checkbox"/> Q. Other U. Unknown <input type="checkbox"/>	53. LOAD STATUS COMMERCIAL VEHICLES 1. Fully/Partially Loaded <input type="checkbox"/> 2. Not Loaded <input type="checkbox"/> N. Not a Commercial Vehicle <input type="checkbox"/> Q. Other U. Unknown <input type="checkbox"/>	60. BLOOD ALCOHOL CONCENTRATION (000-500 BAC (mg%) of Driver) (Pedestrian) #00. Not Tested, Driver/Pedestrian <input type="checkbox"/> Dead, Alcohol Use Suspected <input type="checkbox"/> #10. Not Tested Due To Injury, Alcohol Use Suspected <input type="checkbox"/> #20. Not Tested - Other Reasons, Alcohol Use Suspected <input type="checkbox"/> #98. No Alcohol Suspected <input type="checkbox"/> NNN. Passenger U.U.U. Unknown <input type="checkbox"/> Dri 1 <input type="checkbox"/> Dri 2 <input type="checkbox"/> Ped 1 <input type="checkbox"/> Ped 2 <input type="checkbox"/> Ped 3 <input type="checkbox"/> Ped 4 <input type="checkbox"/>	DIAGRAM Use Solid Direction Lines, Before Impact and Broken Lines After North 	POLICE COMMENTS _____ _____ _____ PROPOSED ACTION _____ _____

Appendix A3 – Brief Description of Fatal Collisions

The following is a brief description of the three fatal traffic collisions that took place in the Northwest Territories in 2004, resulting in three fatalities.

RCMP Detachment	Date	Description
Fort McPherson	13-Feb	Driver of passenger car lost control and collided head-on with sport utility vehicle near Km 122 on Highway #8. The fully-restrained driver sustained fatal injuries while the three occupants of the sport utility vehicle suffered moderate injuries. It is unknown if alcohol was involved.
Yellowknife	21-Jun	Passenger car sideswiped gravel truck travelling in opposite direction on Highway #4, approximately 200 metres north of Highway #3. The driver of the passenger car died in hospital while the two passengers sustained moderate injuries. The driver of the gravel truck suffered minor injuries. It is unknown if alcohol was involved.
Yellowknife	28-Dec	Collision involving three snowmobiles on a ploughed ice road outside Yellowknife city limits. One snowmobile side-swiped another snowmobile travelling in the same direction. The operator fell off and was subsequently struck by a third snowmobile. The operator died enroute to hospital. All three operators were wearing helmets. Alcohol was not involved.