

2005 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.

2005 QUICK FACTS REPORT

2005 Compared to 2004

	<u>2004</u>	<u>2005</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	682	656	-3.8
PERSONAL INJURY COLLISIONS	113	128	13.3
FATAL COLLISIONS	3	2	-33.3
TOTAL REPORTED COLLISIONS	798	786	-1.5
NUMBER OF PERSONS KILLED	3	2	-33.3
NUMBER OF PERSONS INJURED	151	188	24.5
NWT HIGHWAY SYSTEM COLLISIONS	152	183	20.4
RURAL COLLISIONS	18	7	-61.1
COLLISIONS IN COMMUNITIES	628	596	-5.1
REGISTERED VEHICLES	28,305	28,934	2.2
LICENSED DRIVERS	24,641	24,703	0.3
NWT POPULATION [1]	42,810	42,982	0.4
COLLISIONS PER 100 LICENSED DRIVERS	3.24	3.18	-1.8
COLLISIONS PER 100 REGISTERED VEHICLES	2.82	2.72	-3.6
COLLISIONS PER 100 POPULATION	1.86	1.83	-1.9
COLLISIONS INVOLVING ALCOHOL	50	51	2.0

[1] 2004 and 2005 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2006.

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 twelve sections. The contents of each section are described below.

Section 1 -Historical Trends

This section illustrates the 17-year history of collisions, victims and licensed drivers and vehicles. There were a total of 786 collisions reported in 2005, which is 1.5 percent fewer than 2004. 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 2 traffic fatalities reported in 2005 is close to the 17-year average while the 188 persons injured in 2005 is less than the 17-year average.

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 more than twice as prevalent in injury and fatal collisions (19%) than in all collisions (8%). Driver error accounts for 67% of all factors in collisions, as compared to vehicular (2%) and environmental (8%).

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 2005, 1,131 drivers were involved in 786 collisions. This is an average of 1.44 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. On August 1, 2005, the Graduated Driver Licensing Program was introduced to make the process of learning to drive a safer experience. New drivers are required to go through three stages to obtain a full Class 5 licence:

Stage 1 – Learner Class 7

- Must be 15 years of age.
- Must pass a written examination.
- The Learner's Stage lasts for a minimum of 12 months, providing the driver remains suspension free.

Conditions

- A Learner must drive with a fully licensed driver, who has a minimum of 24 months experience with a full Class 5 licence.
- Time spent suspended will have to be made up before moving on to the next stage.

- A Learner cannot have any passengers other than the supervisor.
- A Learner cannot drive between the hours of 11 p.m. and 6 a.m.

Stage 2 – Probationary Class 5P

- Must be 16 years of age.
- Must have completed the 12-month Learner Stage.
- Must pass a practical road examination.
- The Probationary Stage lasts for a minimum of 12 months, providing the driver remains suspension free.

Conditions

- No supervisor required.
- The number of passengers for a probationary driver can be equal to the number of seat belts available in the vehicle.
- Only one passenger is permitted in the front seat.

Stage 3 – Full Class 5

- Must be 17 years of age.
- Must have completed the Probationary Stage.

Section 6 - Vehicle Factors

There were a total of 1,339 vehicles involved in 786 collisions in 2005. This is an average of 1.70 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 9% of victims wearing seat belts were injured. On the other hand, 33% 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 2005:

- 18 pedestrians were injured;
- no pedestrians were killed;
- 11% of the pedestrians injured were under the age of 15;
- all pedestrians were injured within a community;
- 17% of pedestrians had been drinking or were impaired by alcohol.

Section 9 - Alcohol

On December 1, 2004, the Department of Transportation introduced new measures to reduce impaired driving in the Northwest Territories:

- Drivers caught with .05 to .08 blood alcohol content automatically have their driver's licence suspended for 24 hours for a first offence or 30 days for further offences within a 2 year period.
- New drivers with any blood alcohol content automatically have their driver's licence suspended for 30 days.
- Drivers caught with over .08 blood alcohol content or who refuse to provide a breathalyzer sample automatically have their driver's licence suspended for 90 days in addition to Criminal Code charges for impaired driving.
- Drivers convicted of impaired driving under the Criminal Code are automatically prohibited from driving for:
 - 1 year for a first conviction;
 - 3 years for a second conviction;
 - 5 years for a third conviction;
 - 5 or more years for additional convictions or if the offence caused a death.
- Drivers wishing to have their driving privileges reinstated after an administrative licence suspension are required to pay reinstatement fees and may be required to satisfy conditions including:
 - An alcohol dependency assessment;
 - A driver assessment;
 - Participation in a driver improvement program;
 - Participation in an alcohol dependency awareness program;
 - Participation in an alcohol treatment program;
 - Participation in an alcohol ignition interlock program, or
 - Any other condition the Registrar considers appropriate.

- Police have the authority to impound a vehicle for 30 days if the vehicle is operated by a driver whose driving privileges are suspended.

In 2005, there were 51 collisions involving alcohol, resulting in 25 persons being injured. There were no alcohol-related fatalities in 2005. These figures are significantly below the 17-year averages.

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:

- 75% of off-road vehicle collisions resulted in injuries;
- 48% of off-road vehicle drivers involved in collisions are 24 years of age or younger;
- 26% of off-road vehicle drivers in collisions had been drinking or were impaired by alcohol;
- 40% of off-road vehicle drivers or passengers in collisions were wearing helmets;
- 70% 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. 59% of collisions took place in the North Slave Region. The North Slave Region also accounted for 41% of persons injured. All fatalities took place in the South Slave Region.

A map detailing collisions that occurred on the NWT Highway system is shown on Page 44. Highway 3 (Yellowknife Highway) accounted for 36% of collisions occurring on the eight numbered highways.

Section 12 – National Comparison

This section compares injury and fatality rates for Canadian jurisdictions for the 2004 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 are less than the Canada average for five of the 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 that 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 that 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.

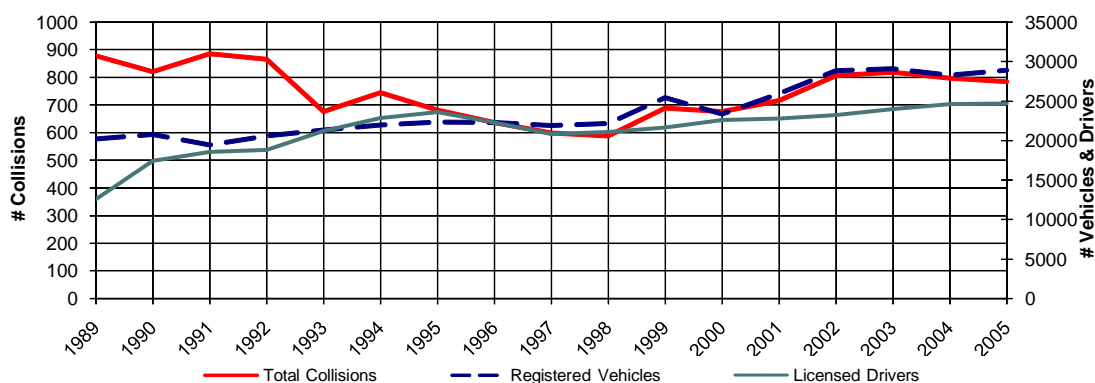
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Trends in Licensed Drivers, Registered Vehicles and Collisions

Figure 1.1

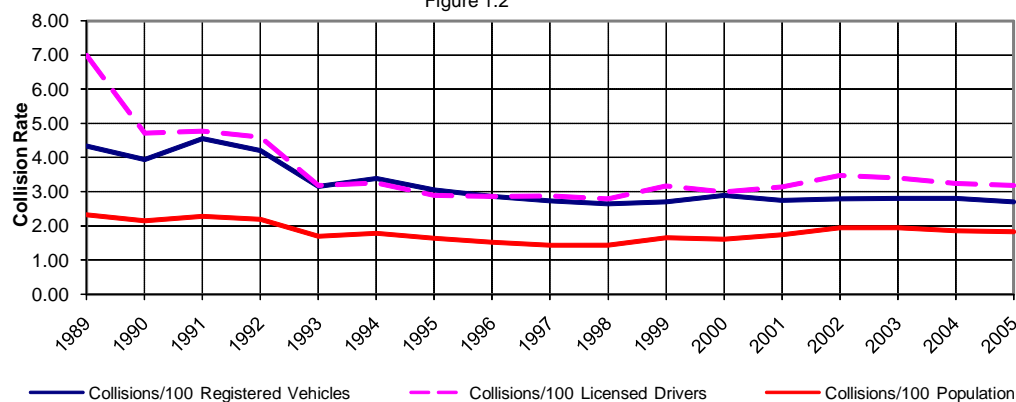


3 Year Summary

	2003	2004	2005	% Change
Registered Vehicles	29,106	28,305	28,934	2.2
Licensed Drivers	24,040	24,641	24,703	0.3
Total Collisions	819	798	786	-1.5

Trends in Collision Rates by Vehicles, Drivers and Population

Figure 1.2

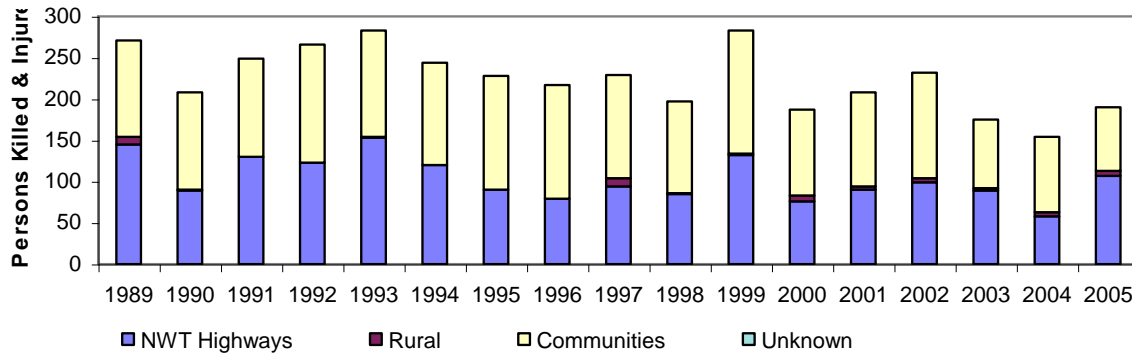


3 Year Summary

	2003	2004	2005	% Change
Collisions/100 Registered Vehicles	2.81	2.82	2.72	-3.6
Collisions/100 Licensed Drivers	3.41	3.24	3.18	-1.8
Collisions/100 Population	1.95	1.86	1.83	-1.9

Trends in Injuries & Fatalities

Figure 1.3

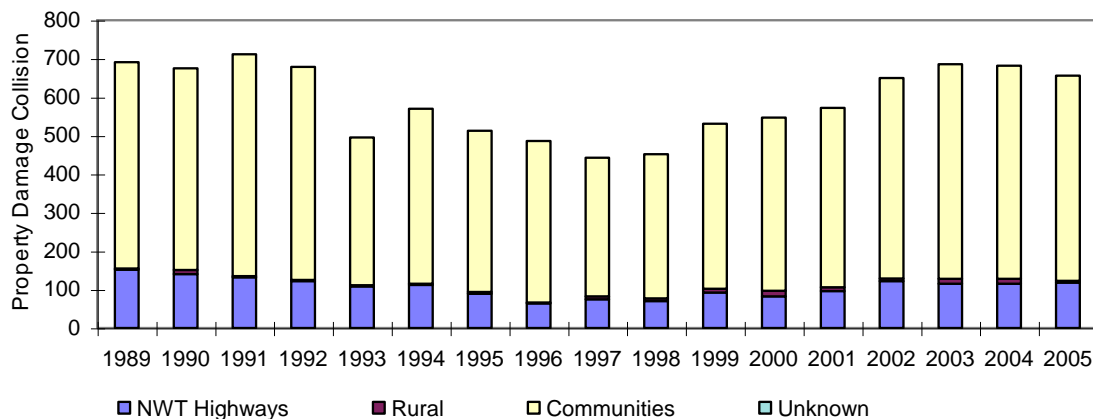


3 Year Summary

	Persons Injured				Persons Killed			
	2003	2004	2005	Average	2003	2004	2005	Average
NWT Highways	86	56	105	82	3	2	2	2
Rural	3	4	6	4	0	1	0	0
Communities	83	91	77	84	0	0	0	0
Total	172	151	188	170	3	3	2	3

Trends in Property Damage Collisions

Figure 1.4

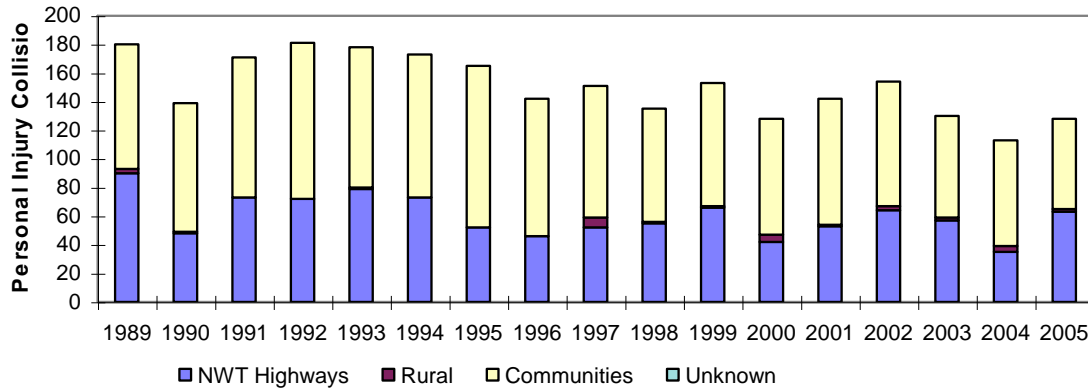


3 Year Summary

	Property Damage Collisions			
	2003	2004	2005	Average
NWT Highways	115	115	118	116
Rural	13	13	5	10
Communities	558	554	533	548
Total	686	682	656	675

Trends in Personal Injury Collisions

Figure 1.5

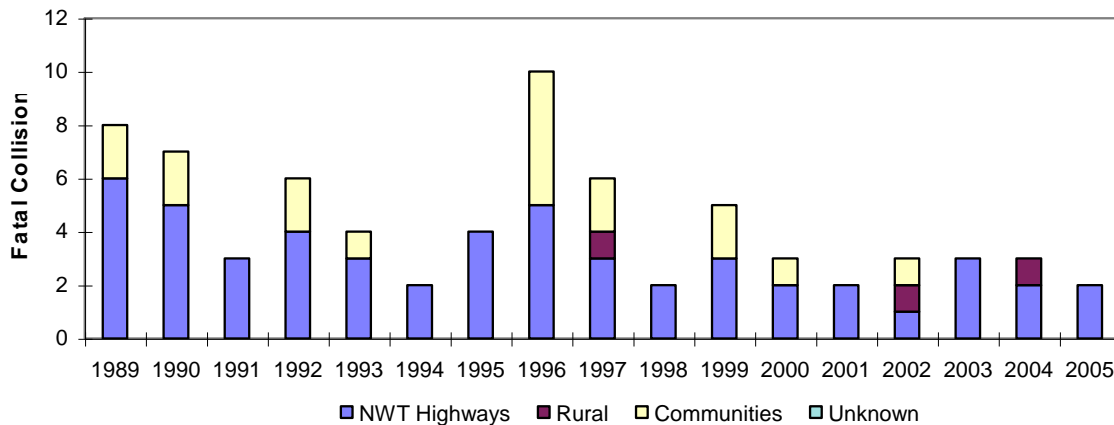


3 Year Summary

Personal Injury Collisions				
	2003	2004	2005	Average
NWT Highways	57	35	63	52
Rural	2	4	2	3
Communities	71	74	63	69
Total	130	113	128	124

Trends in Fatal Collisions

Figure 1.6



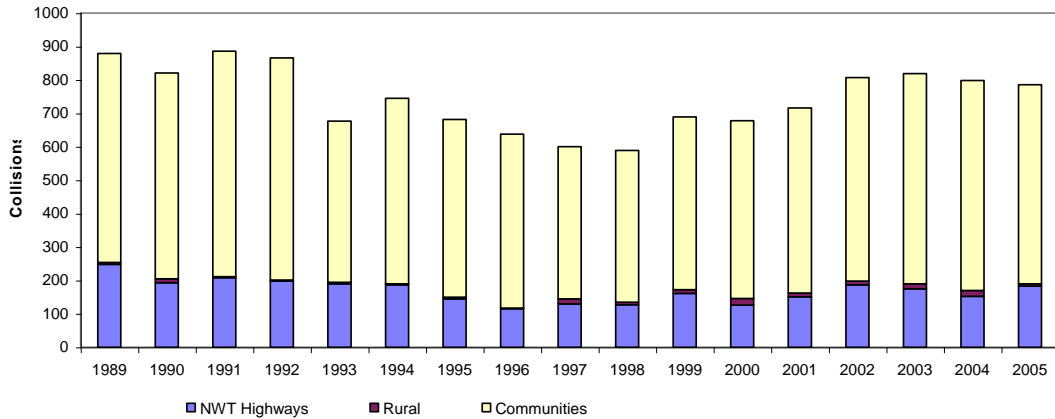
3 Year Summary

Fatal Collisions				
	2003	2004	2005	Average
NWT Highways	3	2	2	2
Rural	0	1	0	0
Communities	0	0	0	0
Total	3	3	2	3

Historical Trends – Section 1

Trends in All Reported Collisions

Figure 1.7



3 Year Summary

	2003	2004	2005	Average
NWT Highways	175	152	183	170
Rural	15	18	7	13
Communities	629	628	596	618
Total	819	798	786	801

Property Damage Collisions by Month and Year

Figure 1.8

Month	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Avg. 95 to 04	2005
January	50	54	53	64	65	60	50	85	91	90	66	75
February	46	59	45	46	65	49	65	64	76	85	60	87
March	78	56	44	36	47	45	59	64	82	58	57	65
April	32	31	26	22	34	33	35	35	47	37	33	52
May	31	26	23	20	30	34	34	42	41	27	31	39
June	24	32	32	29	30	27	39	41	47	51	35	43
July	38	36	37	34	29	31	22	38	38	32	34	52
August	39	24	37	34	38	36	38	53	34	35	37	42
September	29	29	25	34	36	34	32	40	43	49	35	53
October	38	56	48	39	63	58	65	61	47	59	53	47
November	49	42	26	37	45	53	61	64	69	66	51	51
December	59	41	47	57	49	87	72	63	72	93	64	50
Total	513	486	443	452	531	547	572	650	687	682	556	656

Personal Injury Collisions by Month and Year

Figure 1.9

Month	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Avg. 95 to 04	2005
January	16	15	13	10	15	17	13	11	9	15	13	10
February	14	15	19	10	13	14	14	6	25	8	14	8
March	20	10	16	11	11	9	7	8	11	7	11	10
April	12	7	19	7	9	4	7	5	7	11	9	3
May	11	7	11	4	6	9	8	9	10	9	8	5
June	15	10	6	20	12	9	14	15	9	10	12	15
July	15	16	8	11	22	11	6	19	12	9	13	17
August	18	11	16	14	12	7	16	16	11	18	14	15
September	11	14	10	11	11	9	10	13	6	10	11	9
October	10	15	14	17	20	12	21	22	15	6	15	13
November	12	9	10	8	10	10	10	15	7	3	9	16
December	11	13	9	12	12	17	16	15	8	7	12	7
Total	165	142	151	135	153	128	142	154	130	113	141	128

Fatal Collisions by Month and Year

Figure 1.10

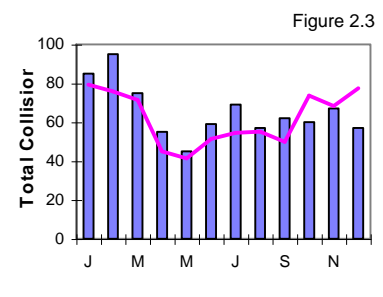
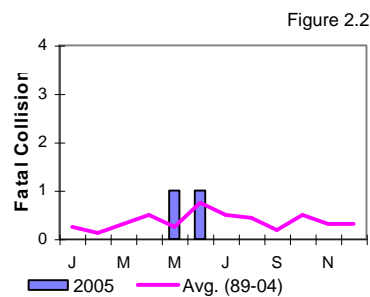
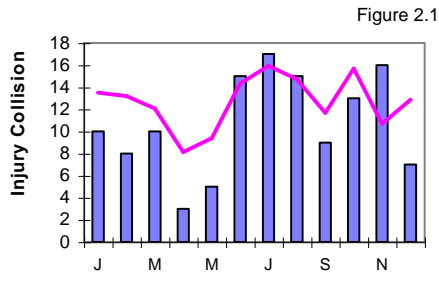
Month	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Avg. 95 to 04	2005
January	0	0	0	0	0	1	1	0	1	0	0.3	0
February	0	0	0	0	0	0	0	1	0	1	0.2	0
March	0	2	2	0	0	0	0	0	0	0	0.4	0
April	1	1	0	0	1	0	1	0	0	0	0.4	0
May	0	1	1	0	0	0	0	0	0	0	0.2	1
June	0	1	1	0	0	0	0	0	1	1	0.4	1
July	1	1	1	0	1	0	0	0	0	0	0.4	0
August	0	3	1	0	1	1	0	0	0	0	0.6	0
September	1	0	0	1	1	0	0	0	0	0	0.3	0
October	0	1	0	1	0	1	0	1	0	0	0.4	0
November	1	0	0	0	0	0	0	1	0	0	0.2	0
December	0	0	0	0	1	0	0	0	1	1	0.3	0
Total	4	10	6	2	5	3	2	3	3	3	4.1	2

Total Collisions by Month and Year

Figure 1.11

Month	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Avg. 95 to 04	2005
January	66	69	66	74	80	78	64	96	101	105	80	85
February	60	74	64	56	78	63	79	71	101	94	74	95
March	98	68	62	47	58	54	66	72	93	65	68	75
April	45	39	45	29	44	37	43	40	54	48	42	55
May	42	34	35	24	36	43	42	51	51	36	39	45
June	39	43	39	49	42	36	53	56	57	62	48	59
July	54	53	46	45	52	42	28	57	50	41	47	69
August	57	38	54	48	51	44	54	69	45	53	51	57
September	41	43	35	46	48	43	42	53	48	59	46	62
October	48	72	62	57	83	71	86	84	62	65	69	60
November	62	51	36	45	55	63	71	80	76	69	61	67
December	70	54	56	69	62	104	88	78	81	101	76	57
Total	682	638	600	589	689	678	716	807	819	798	702	786

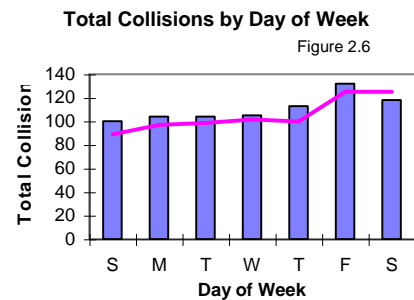
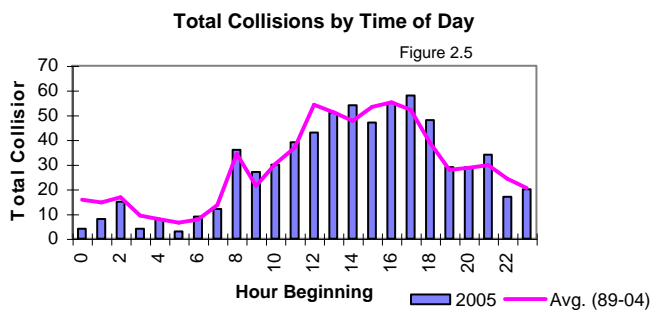
Collisions by Month of Occurrence



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	75	10	0	85	19	0
February	87	8	0	95	10	0
March	65	10	0	75	16	0
April	52	3	0	55	4	0
May	39	5	1	45	8	1
June	43	15	1	59	20	1
July	52	17	0	69	32	0
August	42	15	0	57	24	0
September	53	9	0	62	10	0
October	47	13	0	60	20	0
November	51	16	0	67	18	0
December	50	7	0	57	7	0
Total	656	128	2	786	188	2



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.	0	0	1	1	1	0	1	4	0.5
1 to 2 a.m.	3	0	2	0	1	0	2	8	1.0
2 to 3 a.m.	5	0	1	2	4	1	2	15	1.9
3 to 4 a.m.	0	0	0	0	2	1	1	4	0.5
4 to 5 a.m.	3	0	0	0	2	1	2	8	1.0
5 to 6 a.m.	1	0	0	2	0	0	0	3	0.4
6 to 7 a.m.	2	0	0	0	2	3	2	9	1.2
7 to 8 a.m.	2	2	2	2	1	1	2	12	1.5
8 to 9 a.m.	1	2	7	9	7	8	2	36	4.6
9 to 10 a.m.	0	6	6	5	2	4	4	27	3.5
10 to 11 a.m.	3	2	7	4	4	4	6	30	3.9
11 to 12 a.m.	6	2	3	2	11	6	9	39	5.0
12 to 1 p.m.	1	7	11	4	5	12	3	43	5.5
1 to 2 p.m.	7	13	6	3	10	5	7	51	6.6
2 to 3 p.m.	8	6	3	7	8	6	15	53	6.8
3 to 4 p.m.	2	5	8	5	2	15	10	47	6.1
4 to 5 p.m.	5	12	8	9	5	9	7	55	7.1
5 to 6 p.m.	11	6	8	6	13	7	7	58	7.5
6 to 7 p.m.	6	12	3	7	4	11	5	48	6.2
7 to 8 p.m.	3	0	5	7	5	6	3	29	3.7
8 to 9 p.m.	4	3	4	5	5	4	4	29	3.7
9 to 10 p.m.	5	2	5	6	5	7	4	34	4.4
10 to 11 p.m.	5	3	1	3	2	0	3	17	2.2
11 to 12 p.m.	5	1	1	4	2	3	4	20	2.6
Not Stated	12	20	12	12	10	18	13	97	12.5
Total	100	104	104	105	113	132	118	776	
%	12.9	13.4	13.4	13.5	14.6	17.0	15.2	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	2	3	0	5	0.6
Inexperience	1	1	0	2	0.3
Under Influence - Alcohol	33	18	0	51	6.5
Under Influence - Drugs	0	2	0	2	0.3
Sudden Illness, Lost Consciousness	1	1	0	2	0.3
Other Driver Condition	0	0	0	0	0.0
Total	37	25	0	62	7.9

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	16	4	0	20	2.5
Distracted, Inattentive	72	9	0	81	10.3
Driving Too Fast for Conditions	75	16	0	91	11.6
Improper Turning or Passing	11	1	0	12	1.5
Failed to Yield Right-of-Way	28	13	0	41	5.2
Disobeyed Traffic Control/Officer	3	1	0	4	0.5
Driving on Wrong Side of Road	3	3	1	7	0.9
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	160	5	0	165	21.0
Lost Control	72	34	0	106	13.5
Other Driver Action	0	0	0	0	0.0
Total	440	86	1	527	67.0

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	1	0	0	1	0.1
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	0	0	0	0.0
Unsecured Load, Spilled Load	2	0	0	2	0.3
Oversized Load, Overload	2	0	0	2	0.3
Visibility Obstructed	3	2	0	5	0.6
Other Vehicle Contributing Factor	8	0	0	8	1.0
Total	16	2	0	18	2.3

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	Total	% of Total Factors
Animal on Roadway	24	4	1	29	3.7
Road Surface or Condition	20	3	0	23	2.9
Obstruction/Debris on Road	5	0	0	5	0.6
View Obstructed, Glare, Reflection	3	0	0	3	0.4
Weather or Other Acts of God	3	1	0	4	0.5
Other Environmental Factor	0	0	0	0	0.0
Total	55	8	1	64	8.1

Collisions by Severity Where Major Contributing Factor was Unspecified or Unknown

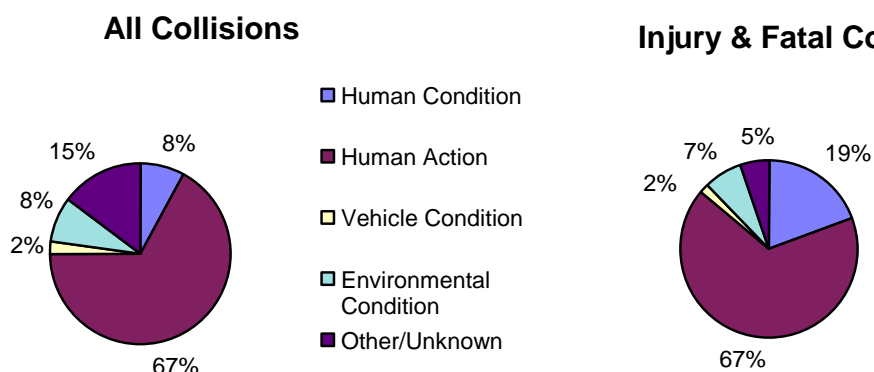
Figure 3.5

Factor	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Unspecified	1	2	0	3	0.4
Unknown	107	5	0	112	14.2
Total	108	7	0	115	14.6

Total All Factors	656	128	2	786	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 Highways	In Communities	Rural	% of Total	
				Total	Factors
Fatigued, Fell Asleep	5	0	0	5	0.6
Inexperience	0	2	0	2	0.3
Under Influence - Alcohol	19	32	0	51	6.5
Under Influence - Drugs	2	0	0	2	0.3
Sudden Illness, Lost Consciousness	0	2	0	2	0.3
Other Driver Condition	0	0	0	0	0.0
Total	26	36	0	62	7.9

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

Figure 3.8

Human Action	NWT Highways	In Communities	Rural	% of Total	
				Total	Factors
Following Too Closely	6	14	0	20	2.5
Distracted, Inattentive	6	75	0	81	10.3
Driving Too Fast for Conditions	20	70	1	91	11.6
Improper Turning or Passing	1	11	0	12	1.5
Failed to Yield Right-of-Way	4	37	0	41	5.2
Disobeyed Traffic Control/Officer	0	4	0	4	0.5
Driving on Wrong Side of Road	2	5	0	7	0.9
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	165	0	165	21.0
Lost Control	65	39	2	106	13.5
Other Driver Action	0	0	0	0	0.0
Total	104	420	3	527	67.0

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

Figure 3.9

Vehicle Condition	NWT Highways	In Communities	Rural	% of Total	
				Total	Factors
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	1	1	0.1
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	0	0	0	0.0
Unsecured Load, Spilled Load	2	0	0	2	0.3
Oversized Load, Overload	1	1	0	2	0.3
Visibility Obstructed	1	4	0	5	0.6
Other Vehicle Contributing Factor	1	7	0	8	1.0
Total	5	12	1	18	2.3

Major Contributing Factors – Section 3

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

Figure 3.10

Environmental Condition	NWT Highways	In Communities	Rural	% of Total Factors	
				Total	
Animal on Roadway	28	1	0	29	3.7
Road Surface or Condition	9	13	1	23	2.9
Obstruction/Debris on Road	3	2	0	5	0.6
View Obstructed, Glare, Reflection	0	3	0	3	0.4
Weather or Other Acts of God	2	2	0	4	0.5
Other Environmental Factor	0	0	0	0	0.0
Total	42	21	1	64	8.1

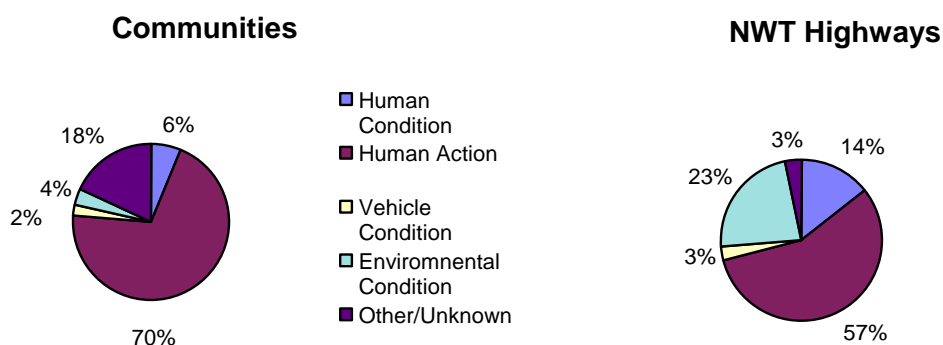
Collisions by Road System Where Major Contributing Factor was Unspecified or Unknown

Figure 3.11

Factor	NWT Highways	In Communities	Rural	% of Total Factors	
				Total	
Unspecified	0	3	0	3	0.4
Unknown	6	104	2	112	14.2
Total	6	107	2	115	14.6
Total All Factors	183	596	7	786	100.0

Major Contributing Factors in Collisions - Communities and NWT Highways

Figure 3.12

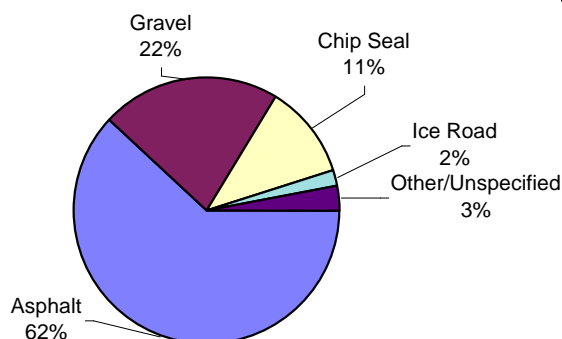


Environmental Factors – Section 4

Collisions by Road Surface Type and Severity

Figure 4.1

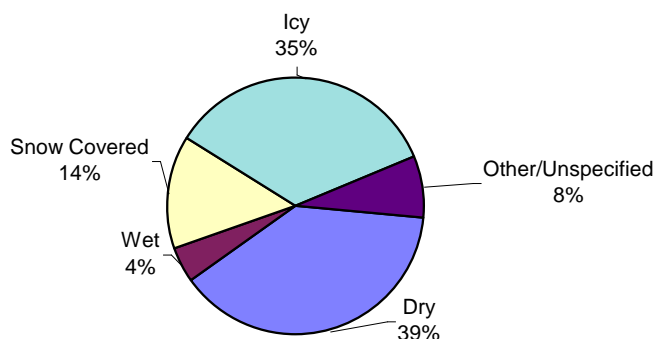
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	430	55	1	486	61.8
Concrete	2	0	0	2	0.3
Gravel (Crushed Stone)	132	39	0	171	21.8
Earth, Dirt	9	2	0	11	1.4
Chip Seal	59	30	1	90	11.5
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	14	2	0	16	2.0
Unspecified	10	0	0	10	1.3
Total	656	128	2	786	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

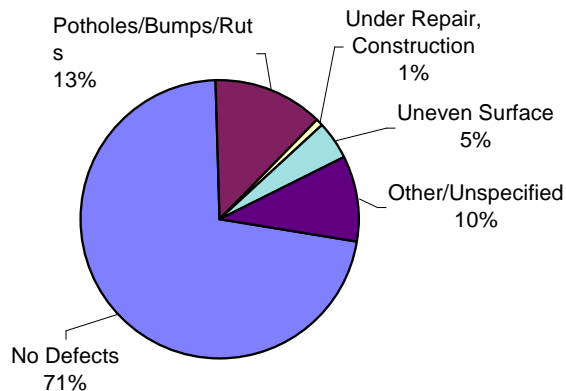
Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	251	53	2	306	38.9
Wet	27	7	0	34	4.3
Snow (Fresh, Loose)	91	10	0	101	12.8
Slush, Wet Snow	9	2	0	11	1.4
Icy	230	42	0	272	34.6
Loose Sand/Gravel/Dirt	8	8	0	16	2.0
Muddy	3	2	0	5	0.6
Fresh Oil	0	0	0	0	0.0
Flooded	0	1	0	1	0.1
Other	4	1	0	5	0.6
Unspecified	33	2	0	35	4.5
Total	656	128	2	786	100



Collisions by Road Defect and Severity

Figure 4.3

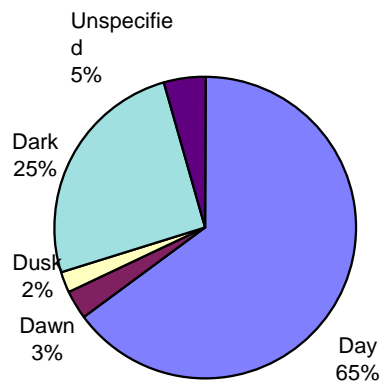
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	486	78	2	566	72.0
Potholes/Bumps/Ruts	71	28	0	99	12.6
Under Repair, Construction	6	1	0	7	0.9
Uneven Pavement Surface	25	11	0	36	4.6
Worn	8	2	0	10	1.3
Obscured or Faded Markings	2	0	0	2	0.3
Other	16	3	0	19	2.4
Unspecified	42	5	0	47	6.0
Total	656	128	2	786	100.0



Collisions by Light Condition and Severity

Figure 4.4

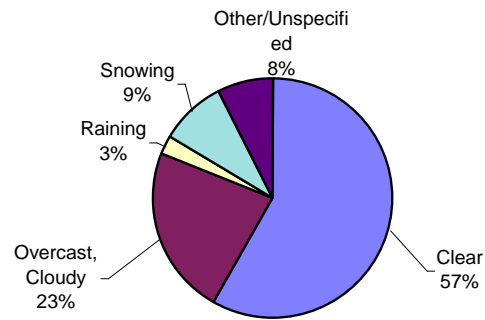
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	422	86	2	510	64.9
Dawn	19	5	0	24	3.1
Dusk	13	5	0	18	2.3
Dark	166	32	0	198	25.2
Unspecified	36	0	0	36	4.6
Total	656	128	2	786	100.0



Collisions by Weather Condition and Severity

Figure 4.5

Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	384	72	2	458	58.3
Overcast, Cloudy (No Precipitation)	146	33	0	179	22.8
Raining	16	5	0	21	2.7
Snowing	57	12	0	69	8.8
Freezing Rain/Sleet/Hail	5	0	0	5	0.6
Visibility Limitations (fog, dust, etc.)	12	5	0	17	2.2
Strong Winds	2	0	0	2	0.3
Other	0	0	0	0	0.0
Unspecified	34	1	0	35	4.5
Total	656	128	2	786	100.0





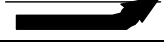




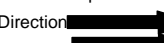

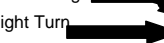
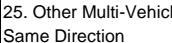

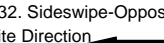
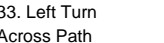
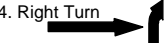
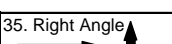
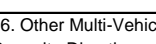
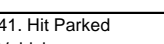
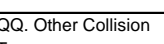
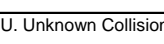
Environmental Factors – Section 4

Collisions by Configuration and Severity

Figure 4.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Animal	25	4	0	29	3.7
b) With Pedestrian	1	16	0	17	2.2
c) Other	3	0	0	3	0.4
02. Hit Stationary Object	45	4	0	49	6.2
03. Off Road Left					
a) With Rollover	8	16	0	24	3.1
b) No Rollover	19	9	1	29	3.7
04. Off Road Right					
a) With Rollover	16	16	0	32	4.1
b) No Rollover	25	9	0	34	4.3
05. Rollover on Roadway	13	8	0	21	2.7
06. Other Single Vehicle	3	2	0	5	0.6
21. Rear End	89	12	0	101	12.8
22. Sideswipe - Same Direction	14	1	0	15	1.9
23. Passing - Left Turn	1	1	0	2	0.3
24. Passing - Right Turn	4	0	0	4	0.5
25. Other Multi-Vehicle Same Direction	6	0	0	6	0.8
31. Head-On	8	3	1	12	1.5
32. Sideswipe - Opposite Direction	18	5	0	23	2.9
33. Left Turn Across Path	7	6	0	13	1.7
34. Right Turn Including Conflict	7	0	0	7	0.9
35. Right Angle	94	14	0	108	13.7
36. Other Multi-Vehicle Opposite Direction	11	0	0	11	1.4
41. Hit Parked Vehicle	239	2	0	241	30.7
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
Total	656	128	2	786	100.0

*Collision Configurations

01. Hit Moving Object 	02. Hit Stationary Object 	03. Off Road Left 	04. Off Road Right 	05. Rollover on Roadway 
06. Other Single Vehicle 	21. Rear End 	22. Sideswipe Same-Direction 	23. Passing - Left Turn 	24. Passing - Right Turn 
25. Other Multi-Vehicle Same Direction 	31. Head-On 	32. Sideswipe-Opposite Direction 	33. Left Turn Across Path 	34. Right Turn Including Conflict 
35. Right Angle 	36. Other Multi-Vehicle Opposite Direction 	41. Hit Parked Vehicle 	QQ. Other Collision Type 	UU. Unknown Collision Type 

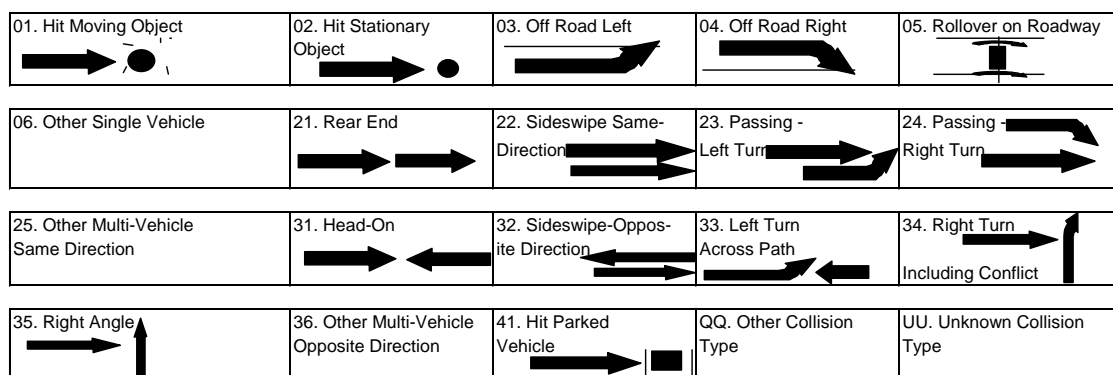
Environmental Factors – Section 4

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	28	1	0	29	3.7
b) With Pedestrian	0	17	0	17	2.2
c) Other	2	1	0	3	0.4
02. Hit Stationary Object	8	41	0	49	6.2
03. Off Road Left					
a) With Rollover	22	2	0	24	3.1
b) No Rollover	21	7	1	29	3.7
04. Off Road Right					
a) With Rollover	25	5	2	32	4.1
b) No Rollover	26	8	0	34	4.3
05. Rollover on Roadway	15	5	1	21	2.7
06. Other Single Vehicle	2	2	1	5	0.6
21. Rear End	11	90	0	101	12.8
22. Sideswipe - Same Direction	2	13	0	15	1.9
23. Passing - Left Turn	1	1	0	2	0.3
24. Passing - Right Turn	0	4	0	4	0.5
25. Other Multi-Vehicle Same Direction	1	5	0	6	0.8
31. Head-On	3	7	2	12	1.5
32. Sideswipe - Opposite Direction	10	13	0	23	2.9
33. Left Turn Across Path	2	11	0	13	1.7
34. Right Turn Including Conflict	0	7	0	7	0.9
35. Right Angle	3	105	0	108	13.7
36. Other Multi-Vehicle Opposite Direction	0	11	0	11	1.4
41. Hit Parked Vehicle	1	240	0	241	30.7
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
Total	183	596	7	786	100.0

*Collision Configurations



Collisions by Collision Site and Severity

Figure 4.8

Collision Site	Property Damage	Personal Injury	Fatal	Total	%
Non-Intersection	260	83	2	345	43.9
Intersection - Two Public Roadways	143	27	0	170	21.6
Intersection - Parking Lot, Driveway	104	14	0	118	15.0
Railroad Level Crossing	1	0	0	1	0.1
Bridge, Overpass, Viaduct	1	0	0	1	0.1
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	144	4	0	148	18.8
Unknown	3	0	0	3	0.4
Total	656	128	2	786	100.0

Collisions by Collision Site and Road System

Figure 4.9

Collision Site	NWT Highways	In Communities	Rural	Total	%
Non-Intersection	159	179	7	345	43.9
Intersection - Two Public Roadways	17	153	0	170	21.6
Intersection - Parking Lot, Driveway	7	111	0	118	15.0
Railroad Level Crossing	0	1	0	1	0.1
Bridge, Overpass, Viaduct	0	1	0	1	0.1
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	0	148	0	148	18.8
Unknown	0	3	0	3	0.4
Total	183	596	7	786	100.0

Collisions by Roadway Alignment and Severity

Figure 4.10

Road Alignment	Property Damage	Personal Injury	Fatal	Total	%
Straight & Level	491	80	2	573	72.9
Straight with Grade	55	14	0	69	8.8
Curved and Level	40	14	0	54	6.9
Curve with Grade	19	12	0	31	3.9
Top of Hill or Grade	6	2	0	8	1.0
Bottom of Hill or Grade	20	1	0	21	2.7
Other	7	2	0	9	1.1
Unknown	18	3	0	21	2.7
Total	656	128	2	786	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	7	2	0	9	1.1
One-Way, Multi Lane	0	0	0	0	0.0
Undivided, Two-Way, Two Lane	415	112	2	529	67.3
Undivided, Two-Way, Multi Lane	42	3	0	45	5.7
Divided, Barrier Median	0	1	0	1	0.1
Divided with Median, No Barrier	14	5	0	19	2.4
Divided, Divider Unspecified	0	0	0	0	0.0
Other	174	5	0	179	22.8
Unknown	4	0	0	4	0.5
Total	656	128	2	786	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	4	0	0	4	0.5
Hit Building	3	1	0	4	0.5
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	0	0	0	0	0.0
Hit Utility Pole, Lamp Pole	6	0	0	6	0.8
Hit Curb	0	0	0	0	0.0
Hit Post	6	0	0	6	0.8
Hit Traffic Barrier	1	0	0	1	0.1
Hit Fixed Object Part of Road Structure	1	0	0	1	0.1
Hit Fixed Object NOT Part of Road Structure	4	0	0	4	0.5
Hit Other Type Fixed Object	3	0	0	3	0.4
Sub Total Fixed Objects	30	1	0	31	3.9
Moveable Objects					
Another Road Vehicle	498	44	1	543	69.1
Animal	25	4	0	29	3.7
Pedestrian	1	16	0	17	2.2
Other Moveable Object	3	0	0	3	0.4
Sub Total Moveable Objects	527	64	1	592	75.3
Non-Collision Events					
Ran Off Road	44	0	0	44	5.6
Rollover	37	40	0	77	9.8
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	1	0	0	1	0.1
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	83	40	0	123	15.6
Other/Unknown Event	16	23	1	40	5.1
Grand Total	656	128	2	786	100.0

Collision Sequence of Events by Road System

Figure 4.13

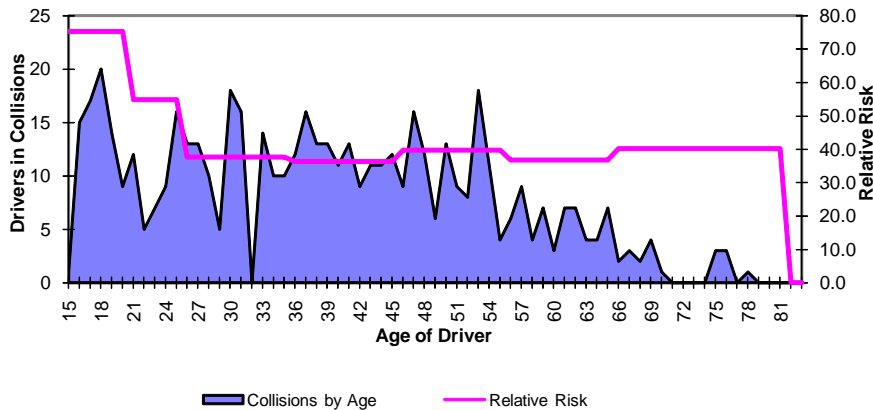
	NWT Highways	In Communities	Rural	Total	%
Non-Moving Objects					
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	1	3	0	4	0.5
Hit Building	0	4	0	4	0.5
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	1	1	0	2	0.3
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	0	0	0	0	0.0
Hit Utility Pole, Lamp Pole	0	6	0	6	0.8
Hit Curb	0	0	0	0	0.0
Hit Post	0	6	0	6	0.8
Hit Traffic Barrier	1	0	0	1	0.1
Hit Fixed Object Part of Road Structure	1	0	0	1	0.1
Hit Fixed Object NOT Part of Road Structure	0	4	0	4	0.5
Hit Other Type Fixed Object	1	2	0	3	0.4
Sub Total Fixed Objects	5	26	0	31	3.9
Moveable Objects					
Another Road Vehicle	34	507	2	543	69.1
Animal	28	1	0	29	3.7
Pedestrian	0	17	0	17	2.2
Other Moveable Object	2	1	0	3	0.4
Sub Total Moveable Objects	64	526	2	592	75.3
Non-Collision Events					
Ran Off Road	0	0	0	0	0.0
Rollover	62	12	3	77	9.8
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	0	0	1	1	0.1
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	63	12	4	79	10.1
Unknown Event	51	32	1	84	10.7
Grand Total	183	596	7	786	100.0

Licensed Drivers and Drivers in Collisions by Driver Age

Figure 5.1

	Under 16	16 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 and Over	Not Stated	Total
Licensed Drivers	147	1,421	2,352	5,771	6,164	5,361	2,639	848	0	24,703
Drivers in Collisions	15	103	129	217	224	213	97	34	99	1,131

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	56.8	44.6	31.5	31.0	35.1	28.0	33.0	38.6
Personal Injury & Fatal	18.5	10.2	6.1	5.4	4.7	8.7	7.1	7.2
Total	75.3	54.8	37.6	36.3	39.7	36.8	40.1	45.8
Relative Risk*	1.6	1.2	0.8	0.8	0.9	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 1.6 times more likely to be involved in a collision than the average driving population. On average, 8% 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 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Req'd. Licence	Not Stated	Total
Under 16	0	0	0	0	0	0	1	8	5	15
16	0	0	0	0	10	0	1	1	1	14
17	0	0	0	0	30	0	1	0	4	36
18	0	0	0	0	28	0	2	0	2	33
19	0	0	0	1	19	0	0	0	0	20
20	2	1	1	1	20	0	0	2	1	29
21-24	3	0	3	6	82	0	1	2	0	100
25-34	9	1	5	16	160	0	3	3	8	217
35-44	26	4	10	25	149	0	0	3	2	224
45-54	23	3	11	22	142	2	0	1	1	213
55-64	12	2	0	16	59	0	1	0	1	97
65 and over	2	0	0	2	27	0	0	1	0	34
Not Stated	0	0	0	0	0	0	0	3	0	99
Drivers in Collisions	77	11	30	89	726	2	10	24	25	1,131
Total Licensed Drivers	1,370	201	715	1,164	19,598	2	1,653	N/A	N/A	24,703
Relative Risk*	1.23	1.20	0.92	1.67	0.81	21.84	0.13	N/A	N/A	1.00

*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	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Apparently Normal	1	7	22	23	17	16	75	175	194	189	81	27	2	829	73.3
Fatigued, Fell Asleep	1	0	0	1	1	1	2	1	0	0	0	0	0	7	0.6
Inexperience	10	3	9	3	0	3	2	7	1	1	2	0	0	41	3.6
Under Influence - Alcohol	0	1	3	2	1	2	8	11	12	5	1	2	3	51	4.5
Under Influence - Drugs	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0.2
Sudden Illness, Lost Consciousness	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0.2
Other Condition	0	0	0	0	0	0	1	1	0	1	1	0	0	4	0.4
Unknown	3	3	2	4	1	6	12	21	16	17	11	5	94	195	17.2
Total	15	14	36	33	20	29	100	217	224	213	97	34	99	1,131	
%	1.3	1.2	3.2	2.9	1.8	2.6	8.8	19.2	19.8	18.8	8.6	3.0	8.8		100.0

Number of Drivers Involved In Collisions by Driver Action and Age

Figure 5.5

Driver Action															Not		Total	%
	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Stated					
Driving Properly	1	1	7	5	6	6	29	85	81	76	23	10	3	333	29.4			
Following Too Closely	1	1	1	1	0	2	3	4	6	1	4	0	0	24	2.1			
Distracted, Inattentive	2	2	9	5	1	2	7	12	21	21	6	2	2	92	8.1			
Driving Too Fast	1	2	2	3	3	5	18	25	24	17	7	3	2	112	9.9			
Improper Turning or Passing	0	0	0	3	0	0	4	2	4	6	0	0	1	20	1.8			
Failing to Yield Right of Way	3	1	2	1	1	0	7	9	5	7	6	1	1	44	3.9			
Disobeying Traffic Control/Officer	0	1	0	0	0	0	0	2	0	1	1	0	0	5	0.4			
Driving on Wrong Side of Road	3	0	0	0	0	1	0	1	0	4	1	1	1	12	1.1			
Driving in Wrong Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0			
Backing Unsafely	0	2	4	5	4	6	11	27	40	39	27	7	5	177	15.6			
Lost Control	3	3	7	5	3	3	15	33	26	18	8	5	0	129	11.4			
Other Driver Action	0	1	1	0	1	0	1	1	1	0	0	0	0	6	0.5			
Unknown	1	0	3	5	1	4	5	16	16	23	14	5	84	177	15.6			
Total	15	14	36	33	20	29	100	217	224	213	97	34	99	1,131				
%	1.3	1.2	3.2	2.9	1.8	2.6	8.8	19.2	19.8	18.8	8.6	3.0	8.8		100.0			

Number of Vehicles in Collisions by Vehicle Type and Severity

Figure 6.1

Vehicle Type	Property Damage	Personal Injury	Fatal	Total	%
Passenger Car	353	45	1	399	29.8
Passenger Van	93	19	0	112	8.4
Light Utility Vehicle	152	21	1	174	13.0
Pickup Truck	401	43	1	445	33.2
Panel/Cargo Van	20	3	0	23	1.7
Other Truck/Van <= 4536 kg	4	1	0	5	0.4
Unit Truck > 4536 kg	19	3	0	22	1.6
Road Tractor	21	8	0	29	2.2
School Bus	0	0	0	0	0.0
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	1	0	0	1	0.1
Intercity Bus	2	0	0	2	0.1
Bus - Unspecified	0	0	0	0	0.0
Motorcycle	1	8	0	9	0.7
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	1	6	0	7	0.5
Bicycle	3	5	0	8	0.6
Motor Home	0	0	0	0	0.0
Farm Equipment	0	0	0	0	0.0
Construction Equipment	7	1	0	8	0.6
Fire Engine	0	0	0	0	0.0
Snowmobile	4	12	0	16	1.2
Streetcar	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	79	0	0	79	5.9
Total	1161	175	3	1339	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	947	132	3	1082	80.8
Defective Brakes	2	1	0	3	0.2
Defective Steering	1	1	0	2	0.1
Defective Lighting	0	0	0	0	0.0
Tire Blown Out	2	1	0	3	0.2
Unsecured Load, Spilled Load	2	1	0	3	0.2
Oversized Load, Overload	4	0	0	4	0.3
Visibility Obstructed	11	3	0	14	1.0
Other Defective Vehicular Parts	13	1	0	14	1.0
Other Vehicular Factor	0	0	0	0	0.0
Unknown	179	35	0	214	16.0
Total	1161	175	3	1339	100.0

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 6.3

Vehicle Manoeuvre	Property Damage	Personal Injury	Fatal	Total	%
Going Straight Ahead	346	112	2	460	34.4
Turning Left	59	13	0	72	5.4
Turning Right	45	3	0	48	3.6
Making U-Turn	9	2	0	11	0.8
Changing Lanes	7	1	0	8	0.6
Merging	0	0	0	0	0.0
Reversing	177	7	0	184	13.7
Overtaking	5	2	0	7	0.5
Negotiating Curve	43	14	0	57	4.3
Slowing or Stopped in Traffic	129	16	0	145	10.8
Starting in Traffic	2	0	0	2	0.1
Leaving Roadside	8	0	0	8	0.6
Stopped/Parked Legally	232	2	0	234	17.5
Stopped/Parked Illegally	8	0	0	8	0.6
Swerving to Avoid Collision	6	3	1	10	0.7
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	80	0	0	80	6.0
Total	1161	175	3	1339	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

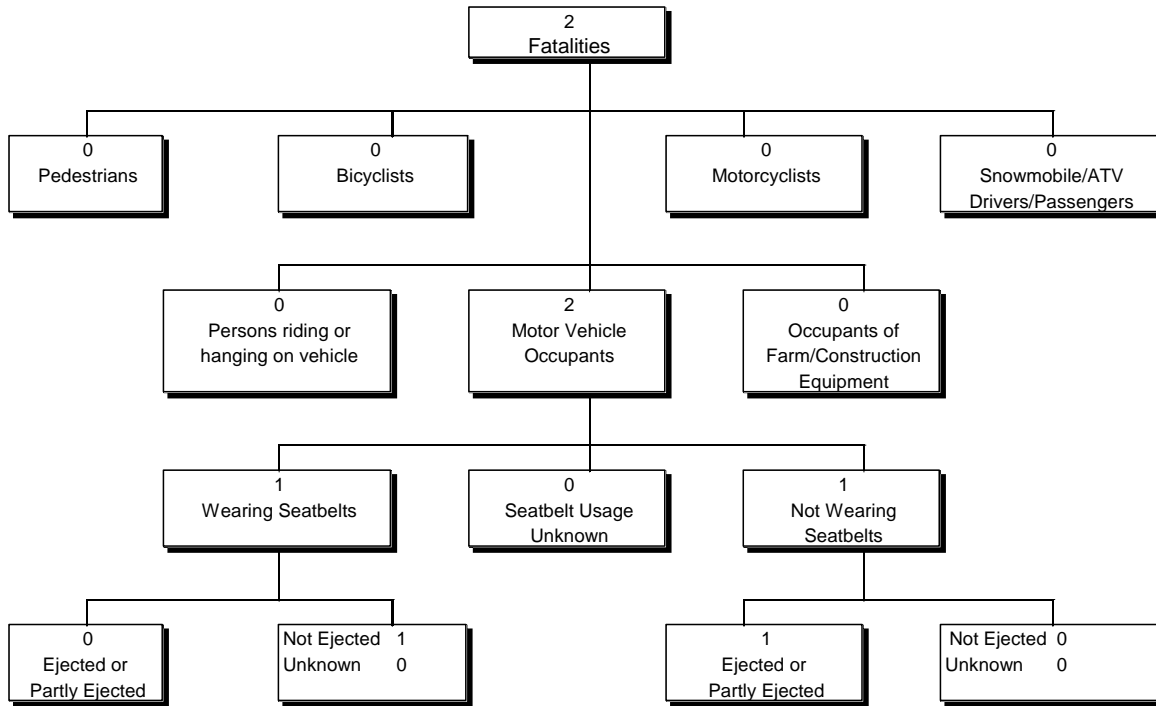
Figure 6.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
2006	13	2	0	15	1.1
2005	76	11	1	88	6.6
2004	125	13	0	138	10.3
2003	163	27	1	191	14.3
2002	97	13	0	110	8.2
2001	87	14	0	101	7.5
2000	71	12	0	83	6.2
1999	61	4	0	65	4.9
1998	56	13	0	69	5.2
1997	44	12	0	56	4.2
1996	27	4	0	31	2.3
1995	26	5	0	31	2.3
1994 & Older	208	32	1	241	18.0
Unspecified	107	13	0	120	9.0
Total	1161	175	3	1339	100.0

Victims and Occupant Restraints – Section 7

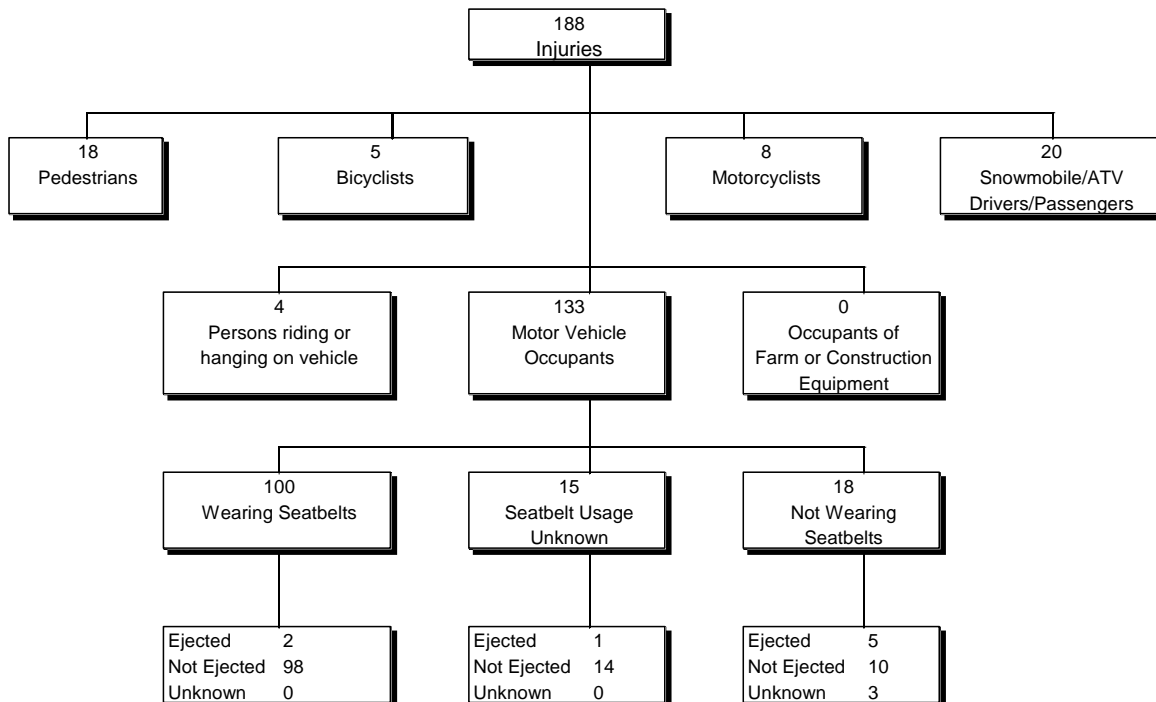
Fatalities Classification
(January 1 to December 31, 2005)

Figure 7.1



Injuries Classification
(January 1 to December 31, 2005)

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 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	%
Motor Vehicle Driver	0	0	7	15	17	16	11	6	4	0	76	40.4
Motor Vehicle Passenger	3	6	16	7	7	6	8	3	1	4	61	32.4
Pedestrian	1	1	3	4	1	0	4	3	0	1	18	9.6
Bicyclist	0	2	1	0	1	1	0	0	0	0	5	2.7
Motorcyclist (includes passengers)	0	0	1	0	2	2	3	0	0	0	8	4.3
ATV Operators & Passengers	0	4	0	0	2	1	0	0	0	0	7	3.7
Snowmobile Operators & Passengers	1	5	1	1	2	0	0	1	1	1	13	6.9
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	5	18	29	27	32	26	26	13	6	6	188	100.0

Persons Killed by Road User Class and Age Group

Figure 7.4

Road User Class	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	%
Motor Vehicle Driver	0	0	0	0	0	0	0	1	0	0	1	50.0
Motor Vehicle Passenger	0	0	0	0	0	0	1	0	0	0	1	50.0
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	0	0	0	0	0	0	0.0
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	0	0	1	1	0	0	2	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	48	28	0	76	0	1	0	1
Motor Vehicle Passenger	25	36	0	61	0	1	0	1
Pedestrian	6	11	1	18	0	0	0	0
Bicyclist	5	0	0	5	0	0	0	0
Motorcyclist (includes passengers)	8	0	0	8	0	0	0	0
ATV Operators & Passengers	6	1	0	7	0	0	0	0
Snowmobile Operators & Passengers	8	5	0	13	0	0	0	0
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	106	81	1	188	0	2	0	2

Victims and Occupant Restraints – Section 7

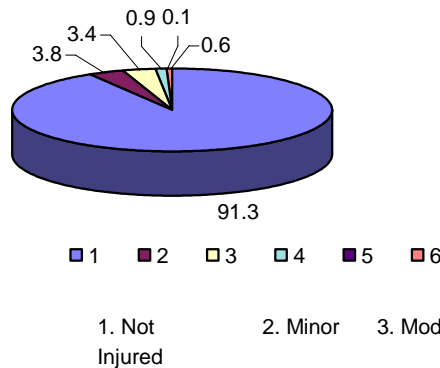
Motor Vehicle* Occupants by Injury Severity and Restraint Use

Figure 7.6

Injury Severity	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Restraint Use Unknown	Total	%
Not Injured	44	35	996	24	450	1549	91.8
Minimal Injuries	10	2	40	2	3	57	3.4
Minor Injuries	9	0	39	0	6	54	3.2
Major (Hospital Admission)	3	1	9	0	0	13	0.8
Fatal	1	0	1	0	0	2	0.1
Injured - Extent Unknown	0	0	7	0	6	13	0.8
Total	67	38	1092	26	465	1688	100.0

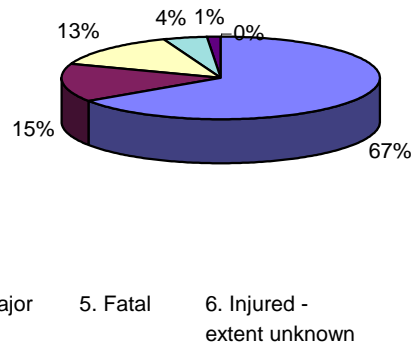
* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

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

	0	5	15	20	25	35	45	55	65	Not	
Injury Severity	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total
Not Injured	35	66	125	104	170	167	160	74	26	128	1055
Minimal Injuries	2	2	8	5	9	6	7	1	3	1	44
Minor Injuries	0	2	4	7	7	7	7	1	2	2	39
Major (Hospital Admission)	0	0	0	1	1	3	2	2	0	1	10
Fatal	0	0	0	0	0	0	0	1	0	0	1
Injured - Extent Unknown	1	1	0	0	2	0	1	2	0	0	7
Total	38	71	137	117	189	183	177	81	31	132	1156

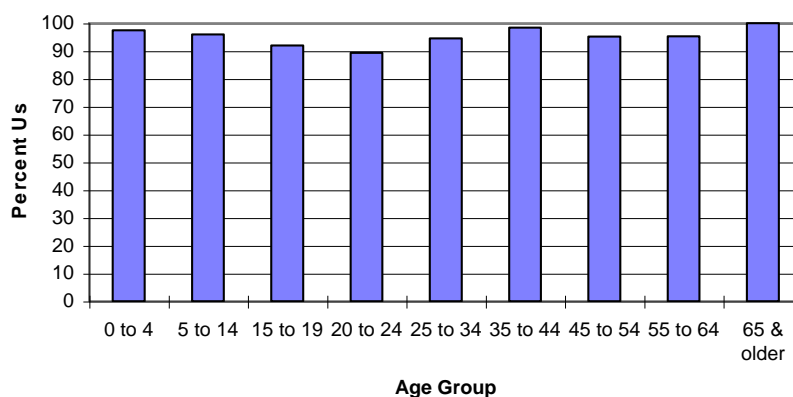
Restraints Not Used

	0	5	15	20	25	35	45	55	65	Not	
Injury Severity	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total
Not Injured	1	2	4	9	7	2	6	3	0	10	44
Minimal Injuries	0	1	2	1	4	1	0	1	0	0	10
Minor Injuries	0	0	5	2	0	0	2	0	0	0	9
Major (Hospital Admission)	0	0	1	2	0	0	0	0	0	0	3
Fatal	0	0	0	0	0	0	1	0	0	0	1
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	1	3	12	14	11	3	9	4	0	10	67

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

Victim Restraint Use Rate by Victim Age

Figure 7.9



Pedestrians Injured or Killed by Age Group

Figure 8.1

	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	1	3	4	1	0	4	3	0	1	18	100.0
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	1	3	4	1	0	4	3	0	1	18	
%	5.6	5.6	16.7	22.2	5.6	0.0	22.2	16.7	0.0	5.6	100.0	

Pedestrians Injured or Killed by Pedestrian Action and Age Group

Figure 8.2

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	0	1	1	1	0	2	0	0	0	5	27.8
Crossing Intersection With Traffic Control, Without Right-of-Way	0	0	0	0	0	0	0	0	0	0	0	0.0
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	0	0	0	0.0
Crossing Roadway Not at Intersection	0	0	1	2	0	0	1	1	0	1	6	33.3
Walking Along Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking Along Roadway With Traffic	0	0	1	1	0	0	1	0	0	0	3	16.7
On Sidewalk, Median, Safety Zone	0	0	0	0	0	0	0	2	0	0	2	11.1
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	1	0	0	0	0	0	0	0	0	0	1	5.6
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	0	0	0	0.0
Playing on Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
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	1	0	0	0	0	0	0	0	0	1	5.6
Unknown	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	1	3	4	1	0	4	3	0	1	18	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	18	18	100.0
Rural	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	18	18	100.0

Pedestrians Injured or Killed by Collision Site

Figure 8.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	7	7	38.9
At Intersection of At Least Two Roadways	0	5	5	27.8
Intersection With Parking Lot/Driveway/Alley	0	4	4	22.2
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	2	2	11.1
Unspecified	0	0	0	0.0
Total	0	18	18	100.0

Pedestrians Injured or Killed by Pedestrian Condition

Figure 8.5

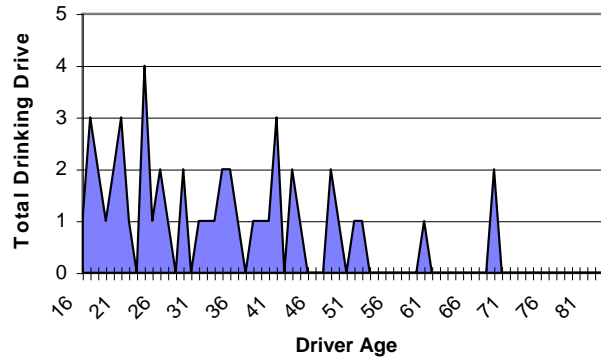
Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	9	9	50.0
Had Been Drinking	0	3	3	16.7
Impaired by Alcohol	0	0	0	0.0
Unknown	0	6	6	33.3
Total	0	18	18	100.0

Drinking Drivers in Collisions by Driver Age and Gender

Figure 9.1

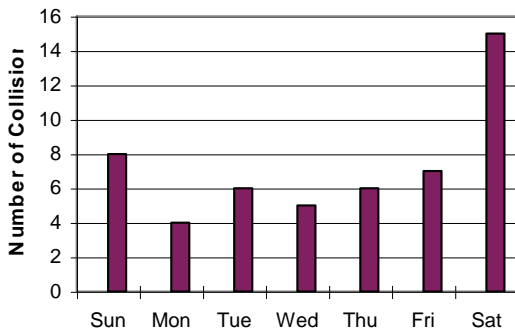
Driver Age	Male	Female	Not Stated	Total Drinking Drivers
Under 16	0	0	0	0
16	0	1	0	1
17	2	1	0	3
18	1	1	0	2
19	1	0	0	1
20	1	1	0	2
21 to 24	7	1	0	8
25 to 34	9	2	0	11
35 to 44	11	1	0	12
45 to 54	3	2	0	5
55 to 64	1	0	0	1
65 & Older	2	0	0	2
Not Stated	1	0	2	3
Total	39	10	2	51

Drinking Drivers by Driver Age



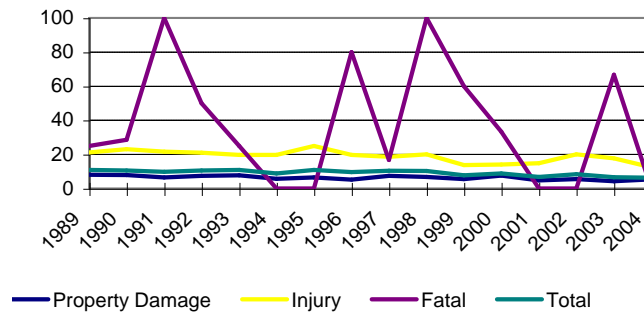
Collisions Involving Alcohol by Day of Week

Figure 9.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 9.3



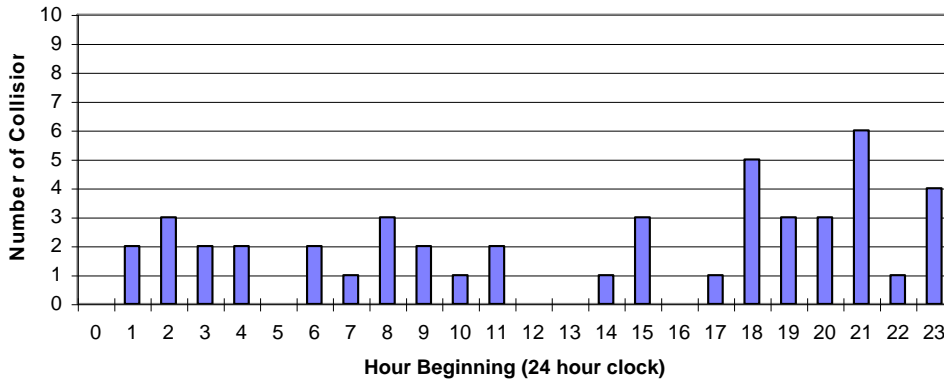
Number of Collisions and Victims Involving Alcohol

Figure 9.4

Number of Collisions						Number of Victims			
Year	Property Damage	Personal Injury	Fatal	Total	% of Total Collisions	Injured	Killed	Total	% of Total Victims
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
2005	33	18	0	51	6.5	25	0	25	13.3
Average	32	25	2	58	8.4	42	2	44	20.5

Number of Alcohol Related Collisions by Time of Day

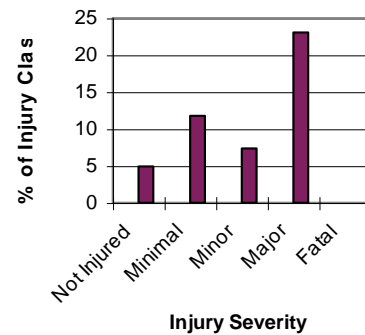
Figure 9.5



Injury Severity by Alcohol Involvement

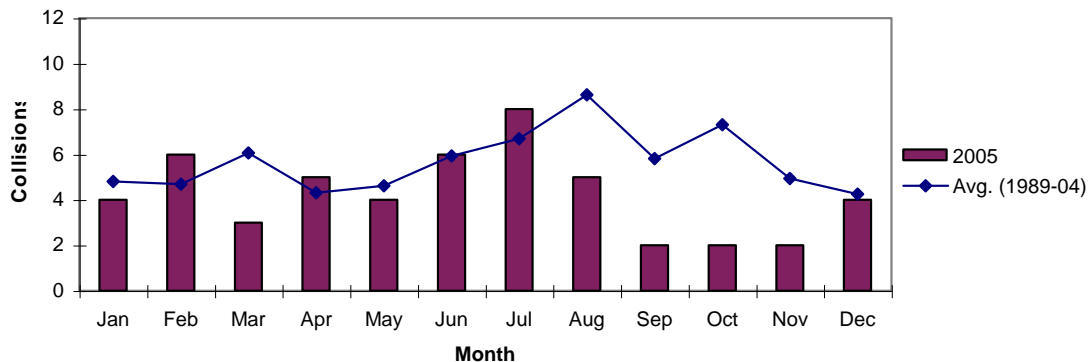
Figure 9.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	77	1,485	1562	4.9
Minimal Injuries	8	60	68	11.8
Minor	5	63	68	7.4
Major	6	20	26	23.1
Fatal	0	2	2	0.0
Injured - Extent Unknown	6	18	24	25.0
Total	102	1648	1750	5.8



Alcohol-Involved Collisions by Month

Figure 9.7



Off-Road Vehicle Collisions by Month and Severity

Figure 10.1

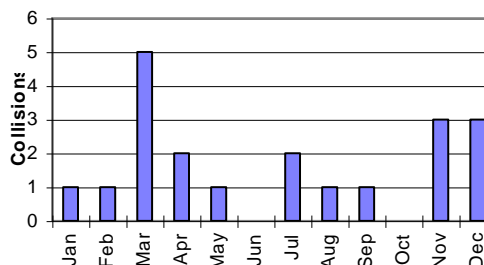
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	0	1	0	1	1	0
February	0	1	0	1	2	0
March	2	3	0	5	4	0
April	1	1	0	2	1	0
May	0	1	0	1	1	0
June	0	0	0	0	0	0
July	0	2	0	2	5	0
August	0	1	0	1	1	0
September	0	1	0	1	1	0
October	0	0	0	0	0	0
November	1	2	0	3	3	0
December	1	2	0	3	2	0
Total	5	15	0	20	21	0

Off-Road Vehicle Collisions by Vehicle Type

Figure 10.2

	Snowmobile	ATV	Total
Total Victims	13	7	20
Killed	0	0	0
Injured	13	7	20
Total Vehicles Involved	16	7	23
Fatal	0	0	0
Injury	12	6	18
Property Damage	4	1	5

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	3	0	2	1	0	8	34.8
15 to 19	0	0	0	0	0	0	0	0.0
20 to 24	2	0	0	1	0	0	3	13.0
25 to 34	2	0	0	2	0	0	4	17.4
35 to 44	2	0	0	1	0	0	3	13.0
45 to 54	1	0	0	0	0	0	1	4.3
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	1	0	0	0	0	0	1	4.3
Unknown	1	0	2	0	0	0	3	13.0
Total	11	3	2	6	1	0	23	100.0

Off-Road Vehicle Collisions by Severity and Driver Condition

Figure 10.4

Driver Condition	Property Damage	Personal Injury	Fatal	Total %	
				Total	%
Apparently Normal	0	6	0	6	26.1
Fatigue/Fell Asleep	0	1	0	1	4.3
Inexperience	1	7	0	8	34.8
Under Influence - Alcohol	2	4	0	6	26.1
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	2	0	0	2	8.7
Total	5	18	0	23	100.0

Off-Road Vehicle Collisions by Severity and Driver Action

Figure 10.5

Driver Action	Property Damage	Personal Injury	Fatal	Total	%
Driving Properly	0	3	0	3	13.0
Following Too Closely	0	0	0	0	0.0
Distracted, Inattentive	1	3	0	4	17.4
Driving Too Fast for Conditions	0	4	0	4	17.4
Improper Turning or Passing	0	1	0	1	4.3
Failed to Yield Right-of-Way	0	2	0	2	8.7
Disobeyed Traffic Control or Officer	0	0	0	0	0.0
Driving on Wrong Side of Road	0	0	0	0	0.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	0	0	0	0.0
Lost Control	1	3	0	4	17.4
Other	0	0	0	0	0.0
Unknown	3	2	0	5	21.7
Total	5	18	0	23	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	1	7	5	13	39.4
Minimal Injuries	3	2	0	5	15.2
Minor Injuries	2	2	1	5	15.2
Major (Hospital Admission)	4	3	0	7	21.2
Fatal	0	0	0	0	0.0
Injured - Extent Unknown	0	1	2	3	9.1
Total	10	15	8	33	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	2	0	0	2	0	0
Deline	1	0	0	1	0	0
Fort Good Hope	8	2	0	10	6	0
Fort McPherson	7	4	0	11	9	0
Holman	0	0	0	0	0	0
Inuvik	62	16	0	78	26	0
Norman Wells	6	3	0	9	4	0
Sachs Harbour	1	1	0	2	1	0
Tuktoyaktuk	3	1	0	4	1	0
Tulita	7	2	0	9	2	0
Sub Total						
Inuvik Region	97	29	0	126	49	0

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	6	5	0	11	9	0
Fort Simpson	30	8	0	38	15	0
Sub Total						
Fort Simpson Region	36	13	0	49	24	0

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	71	15	2	88	23	2
Fort Providence	18	7	0	25	10	0
Fort Resolution	4	0	0	4	0	0
Fort Smith	25	4	0	29	4	0
Lutsel K'e	2	1	0	3	1	0
Sub Total						
South Slave Region	120	27	2	149	38	2

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Rae/Wha Ti	34	17	0	51	23	0
Yellowknife	369	42	0	411	54	0
Sub Total						
North Slave Region	403	59	0	462	77	0

Total - All Regions	656	128	2	786	188	2
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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 (2005 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Aklavik	2	162	121	600	1.23	1.65	0.33
Deline	1	178	84	545	0.56	1.19	0.18
Fort Good Hope	10	225	139	716	4.44	7.19	1.40
Fort McPherson	11	309	259	1,023	3.56	4.25	1.08
Uluksaktok	0	75	79	434	0.00	0.00	0.00
Inuvik	78	1,943	2,504	3,521	4.01	3.12	2.22
Norman Wells	9	500	762	818	1.80	1.18	1.10
Sachs Harbour	2	30	36	119	6.67	5.56	1.68
Tuktoyaktuk	4	403	263	1,308	0.99	1.52	0.31
Tulita	9	174	126	502	5.17	7.14	1.79
Sub Total							
Inuvik Region	126	3,999	4,373	9,586	3.15	2.88	1.31

B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2005 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Fort Liard	11	242	236	591	4.55	4.66	1.86
Fort Simpson	38	877	989	1,672	4.33	3.84	2.27
Sub Total							
Fort Simpson Region	49	1,119	1,225	2,263	4.38	4.00	2.17

C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2005 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Hay River	88	2,831	4,515	4,215	3.11	1.95	2.09
Fort Providence	25	255	343	840	9.80	7.29	2.98
Fort Resolution	4	249	279	534	1.61	1.43	0.75
Fort Smith	29	1,510	1,848	2,385	1.92	1.57	1.22
Lutsel K'e	3	91	75	414	3.30	4.00	0.72
Sub Total							
South Slave Region	149	4,936	7,060	8,388	3.02	2.11	1.78

D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2005 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Behchoko/Whati	51	967	870	2,893	5.27	5.86	1.76
Yellowknife	411	13,682	15,406	19,647	3.00	2.67	2.09
Sub Total							
North Slave Region	462	14,649	16,276	22,540	3.15	2.84	2.05

Total - All Regions	786	24,703	28,934	42,982	3.18	2.72	1.83
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[1] Number of registered vehicles and licensed drivers are as of December 31, 2005.

[2] 2005 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2006.

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	20 May 2005	Fatal	Head-on	2	1
	2.0	UU Mar 2005	Property Damage	Animal Strike	0	0
	12.0	11 Aug 2005	Property Damage	Animal Strike	0	0
	20.0	23 Sep 2005	Property Damage	Animal Strike	0	0
	33.8	31 Oct 2005	Injury	Single Vehicle Rollover	1	0
	42.0	25 Sep 2005	Property Damage	Ran Off Road - Right	0	0
	43.0	28 Jul 2005	Injury	Single Vehicle Rollover	2	0
	74.0	20 May 2005	Injury	Single Vehicle Rollover	1	0
	82.8	5 Nov 2005	Injury	Single Vehicle Rollover	2	0
	120.0	9 Aug 2005	Property Damage	Ran Off Road - Right	0	0
	145.0	28 Nov 2005	Injury	Ran Off Road - Left	1	0
	148.0	25 May 2005	Property Damage	Single Vehicle Rollover	0	0
	168.5	9 Jan 2005	Property Damage	Rear End	0	0
	169.0	3 Feb 2005	Property Damage	Ran Off Road - Left	0	0
	198.0	2 Apr 2005	Property Damage	Single Vehicle Rollover	0	0
	200.0	4 Mar 2005	Property Damage	Single Vehicle Rollover	0	0
	258.0	16 Jan 2005	Injury	Ran Off Road - Left	2	0
	293.0	14 Apr 2005	Injury	Single Vehicle Rollover	2	0
	314.0	26 Sep 2005	Property Damage	Single Vehicle Rollover	0	0
	342.0	22 Aug 2005	Injury	Single Vehicle Rollover	5	0
	370.0	31 Jul 2005	Property Damage	Animal Strike	0	0
	377.0	26 Oct 2005	Injury	Single Vehicle Rollover	2	0
	456.4	2 Jul 2005	Property Damage	Collision with Moving Object	0	0
	470.0	22 May 2005	Property Damage	Ran Off Road - Right	0	0
	471.0	2 Mar 2005	Property Damage	Ran Off Road - Right	0	0
	530.0	27 Jan 2005	Property Damage	Ran Off Road - Right	0	0
	591.0	15 Jul 2005	Property Damage	Sideswipe - Opposite Direction	0	0
	655.0	20 Jan 2005	Property Damage	Single Vehicle Rollover	0	0

Summary Highway #1	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	18	9	1	28	20	1

Highway #2 (Hay River)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	5.0	30 Apr 2005	Property Damage	Collision with Fixed Object	0	0
	8.0	11 Jun 2005	Property Damage	Single Vehicle Rollover	0	0
	10.0	30 Jun 2005	Property Damage	Single Vehicle Rollover	0	0
	25.0	30 May 2005	Injury	Ran Off Road - Left	1	0
	25.0	19 Jun 2005	Property Damage	Single Vehicle Rollover	0	0
	25.0	15 Jul 2005	Injury	Single Vehicle Rollover	2	0
	27.6	6 Feb 2005	Property Damage	Ran Off Road - Left	0	0
	29.0	15 Aug 2005	Injury	Single Vehicle Rollover	1	0
	30.0	6 Sep 2005	Injury	Ran Off Road - Right	1	0
	30.0	31 Dec 2005	Property Damage	Ran Off Road - Right	0	0
	32.0	21 Dec 2005	Property Damage	Rear End	0	0
	33.0	28 Dec 2005	Injury	Single Vehicle Rollover	1	0
	34.0	18 Sep 2005	Property Damage	Single Vehicle Rollover	0	0
	38.0	4 Jan 2005	Property Damage	Ran Off Road - Right	0	0
	38.8	3 Apr 2005	Property Damage	Sideswipe - Same Direction	0	0
	39.2	6 Apr 2005	Property Damage	Rear End	0	0
	42.0	11 Jun 2005	Injury	Collision with Fixed Object	1	0
	45.6	2 Jul 2005	Injury	Sideswipe - Same Direction	3	0

Summary Highway #2	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	11	7	0	18	10	0

Geographic Distribution – Section 11

Highway #3 (Yellowknife)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	19 Jan 2005	Property Damage	Rear End	0	0
	6.0	14 Aug 2005	Property Damage	Collision with Moving Object	0	0
	20.0	23 Jul 2005	Injury	Single Vehicle Rollover	1	0
	31.0	14 Oct 2005	Property Damage	Animal Strike	0	0
	38.0	27 Dec 2005	Property Damage	Animal Strike	0	0
	42.5	28 Aug 2005	Property Damage	Animal Strike	0	0
	45.0	2 Mar 2005	Injury	Single Vehicle Rollover	1	0
	48.0	25 Sep 2005	Property Damage	Animal Strike	0	0
	50.0	3 Apr 2005	Property Damage	Single Vehicle Rollover	0	0
	50.0	27 Aug 2005	Injury	Passing - Left Turn	1	0
	50.0	13 Oct 2005	Property Damage	Animal Strike	0	0
	53.0	25 Feb 2005	Property Damage	Ran Off Road - Right	0	0
	56.5	9 Sep 2005	Property Damage	Animal Strike	0	0
	58.0	26 Jan 2005	Property Damage	Single Vehicle Rollover	0	0
	58.0	29 Jan 2005	Injury	Rear End	2	0
	58.0	25 Sep 2005	Property Damage	Animal Strike	0	0
	68.0	5 Feb 2005	Property Damage	Ran Off Road - Left	0	0
	88.0	6 Aug 2005	Injury	Animal Strike	1	0
	91.0	1 Sep 2005	Property Damage	Animal Strike	0	0
	135.0	26 Jan 2005	Property Damage	Single Vehicle Rollover	0	0
	136.0	29 Jan 2005	Injury	Head-on	3	0
	166.0	13 Jun 2005	Injury	Single Vehicle Rollover	2	0
	195.0	17 Oct 2005	Property Damage	Single Vehicle Rollover	0	0
	200.0	7 Dec 2005	Injury	Animal Strike	1	0
	206.0	9 Nov 2005	Property Damage	Sideswipe - Opposite Direction	0	0
	208.0	29 Jan 2005	Injury	Rear End	2	0
	210.0	17 Oct 2005	Injury	Ran Off Road - Right	1	0
	223.0	17 Oct 2005	Property Damage	Single Vehicle Rollover	0	0
	226.0	20 Feb 2005	Property Damage	Animal Strike	0	0
	238.0	25 Feb 2005	Property Damage	Single Vehicle Rollover	0	0
	242.0	20 Feb 2005	Property Damage	Ran Off Road - Left	0	0
	243.0	20 Feb 2005	Injury	Single Vehicle Rollover	1	0
	252.0	16 Nov 2005	Property Damage	Animal Strike	0	0
	255.0	17 Nov 2005	Property Damage	Animal Strike	0	0
	256.0	15 Feb 2005	Property Damage	Animal Strike	0	0
	268.0	9 Jan 2005	Property Damage	Ran Off Road - Left	0	0
	268.0	27 Nov 2005	Property Damage	Ran Off Road - Left	0	0
	270.0	9 Oct 2005	Injury	Ran Off Road - Left	2	0
	270.0	14 Oct 2005	Injury	Animal Strike	1	0
	272.0	30 Sep 2005	Property Damage	Animal Strike	0	0
	275.0	1 Dec 2005	Injury	Single Vehicle Rollover	1	0
	283.0	19 Aug 2005	Property Damage	Other Multi-Vehicle Same Direction	0	0
	288.0	27 Feb 2005	Property Damage	Single Vehicle Rollover	0	0
	289.0	3 Jul 2005	Property Damage	Other Single Vehicle Collision	0	0
	290.0	21 Jul 2005	Property Damage	Ran Off Road - Left	0	0
	302.0	17 Aug 2005	Property Damage	Single Vehicle Rollover	0	0
	304.0	12 Oct 2005	Property Damage	Animal Strike	0	0
	309.0	28 Jun 2005	Property Damage	Ran Off Road - Right	0	0
	313.0	16 Jan 2005	Property Damage	Ran Off Road - Right	0	0
	318.0	18 Feb 2005	Property Damage	Collision with Fixed Object	0	0
	321.0	5 Nov 2005	Property Damage	Ran Off Road - Left	0	0
	325.0	2 Jul 2005	Injury	Ran Off Road - Right	1	0
	329.0	19 Oct 2005	Property Damage	Single Vehicle Rollover	0	0
	336.7	14 Feb 2005	Property Damage	Right Angle	0	0
	336.7	26 Jul 2005	Injury	Single Vehicle Rollover	0	0
	336.7	1 Aug 2005	Property Damage	Right Angle	0	0
	337.0	12 Oct 2005	Injury	Head-on	2	0
	338.5	25 Nov 2005	Injury	Ran Off Road - Right	1	0
Summary Highway #3	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	40	18	0	58	24	0

Geographic Distribution – Section 11

Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	22 Feb 2005	Injury	Left Turn Across Path	2	0
	0.0	1 Mar 2005	Injury	Left Turn Across Path	4	0
	0.0	11 Jun 2005	Injury	Single Vehicle Rollover	1	0
	2.0	20 Nov 2005	Injury	Ran Off Road - Right	1	0
	4.9	25 Feb 2005	Property Damage	Single Vehicle Rollover	0	0
	4.9	3 Apr 2005	Property Damage	Rear End	0	0
	5.0	18 Oct 2005	Property Damage	Collision with Fixed Object	0	0
	7.5	12 Oct 2005	Property Damage	Collision with Fixed Object	0	0
	7.6	8 Jul 2005	Injury	Ran Off Road - Right	1	0
	15.0	3 Jul 2005	Property Damage	Ran Off Road - Left	0	0
	19.0	22 Mar 2005	Injury	Single Vehicle Rollover	1	0
	27.0	15 Jul 2005	Property Damage	Ran Off Road - Left	0	0
	28.2	18 Dec 2005	Property Damage	Single Vehicle Rollover	0	0
	32.0	23 Mar 2005	Injury	Sideswipe - Opposite Direction	2	0
	34.0	21 Aug 2005	Injury	Single Vehicle Rollover	1	0

Summary Highway #4	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	7	8	0	15	13	0

Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	2.5	6 Dec 2005	Property Damage	Rear End	0	0
	27.0	29 Sep 2005	Injury	Single Vehicle Rollover	1	0
	64.0	17 Oct 2005	Property Damage	Single Vehicle Rollover	0	0
	88.5	5 Jan 2005	Property Damage	Animal Strike	0	0
	90.0	30 Jun 2005	Fatal	Ran Off Road - Left	1	1
	100.0	31 Jan 2005	Property Damage	Animal Strike	0	0
	130.0	24 Nov 2005	Property Damage	Ran Off Road - Left	0	0
	133.0	14 Nov 2005	Injury	Animal Strike	1	0
	137.0	11 Sep 2005	Property Damage	Animal Strike	0	0
	172.0	6 Jan 2005	Property Damage	Single Vehicle Rollover	0	0
	264.9	11 Jan 2005	Property Damage	Animal Strike	0	0

Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	8	2	1	11	3	1

Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	60.0	6 Mar 2005	Property Damage	Single Vehicle Rollover	0	0
	90.0	17 Apr 2005	Property Damage	Ran Off Road - Right	0	0

Summary Highway #6	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	2	0	0	2	0	0

Geographic Distribution – Section 11

Highway #7 (Liard Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	15.0	28 Jul 2005	Property Damage	Ran Off Road - Left	0	0
	18.0	30 Nov 2005	Property Damage	Ran Off Road - Right	0	0
	47.0	7 Oct 2005	Property Damage	Animal Strike	0	0
	96.0	17 May 2005	Property Damage	Ran Off Road - Right	0	0
	120.0	31 Jul 2005	Injury	Single Vehicle Rollover	3	0
	150.0	10 Oct 2005	Injury	Single Vehicle Rollover	2	0
	180.0	17 Nov 2005	Injury	Single Vehicle Rollover	1	0
	198.1	10 Jun 2005	Injury	Ran Off Road - Left	2	0
	220.2	10 Aug 2005	Injury	Single Vehicle Rollover	1	0

Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	4	5	0	9	9	0

Highway #8 (Dempster Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	15.0	18 Aug 2005	Property Damage	Collision with Fixed Object	0	0
	15.0	7 Sep 2005	Property Damage	Sideswipe - Opposite Direction	0	0
	20.0	5 Jul 2005	Injury	Single Vehicle Rollover	5	0
	77.0	2 Apr 2005	Property Damage	Sideswipe - Opposite Direction	0	0
	84.4	16 Jul 2005	Property Damage	Ran Off Road - Right	0	0
	84.8	28 Jun 2005	Property Damage	Ran Off Road - Left	0	0
	100.0	9 Aug 2005	Injury	Single Vehicle Rollover	1	0
	110.0	23 Jun 2005	Property Damage	Ran Off Road - Left	0	0
	140.0	3 Oct 2005	Injury	Single Vehicle Rollover	2	0
	141.0	29 Jun 2005	Injury	Other Single Vehicle Collision	1	0
	165.0	31 Jul 2005	Injury	Single Vehicle Rollover	4	0
	178.0	14 Sep 2005	Property Damage	Animal Strike	0	0
	220.0	14 Jan 2005	Injury	Single Vehicle Rollover	2	0
	231.0	13 Jul 2005	Injury	Sideswipe - Opposite Direction	2	0
	237.0	2 Oct 2005	Property Damage	Single Vehicle Rollover	0	0
	238.0	26 Oct 2005	Property Damage	Ran Off Road - Right	0	0
	250.0	31 Mar 2005	Property Damage	Ran Off Road - Right	0	0
	259.0	16 Jan 2005	Injury	Ran Off Road - Right	1	0
	271.0	31 Jan 2005	Property Damage	Rear End	0	0
	272.4	5 Jul 2005	Property Damage	Single Vehicle Rollover	0	0

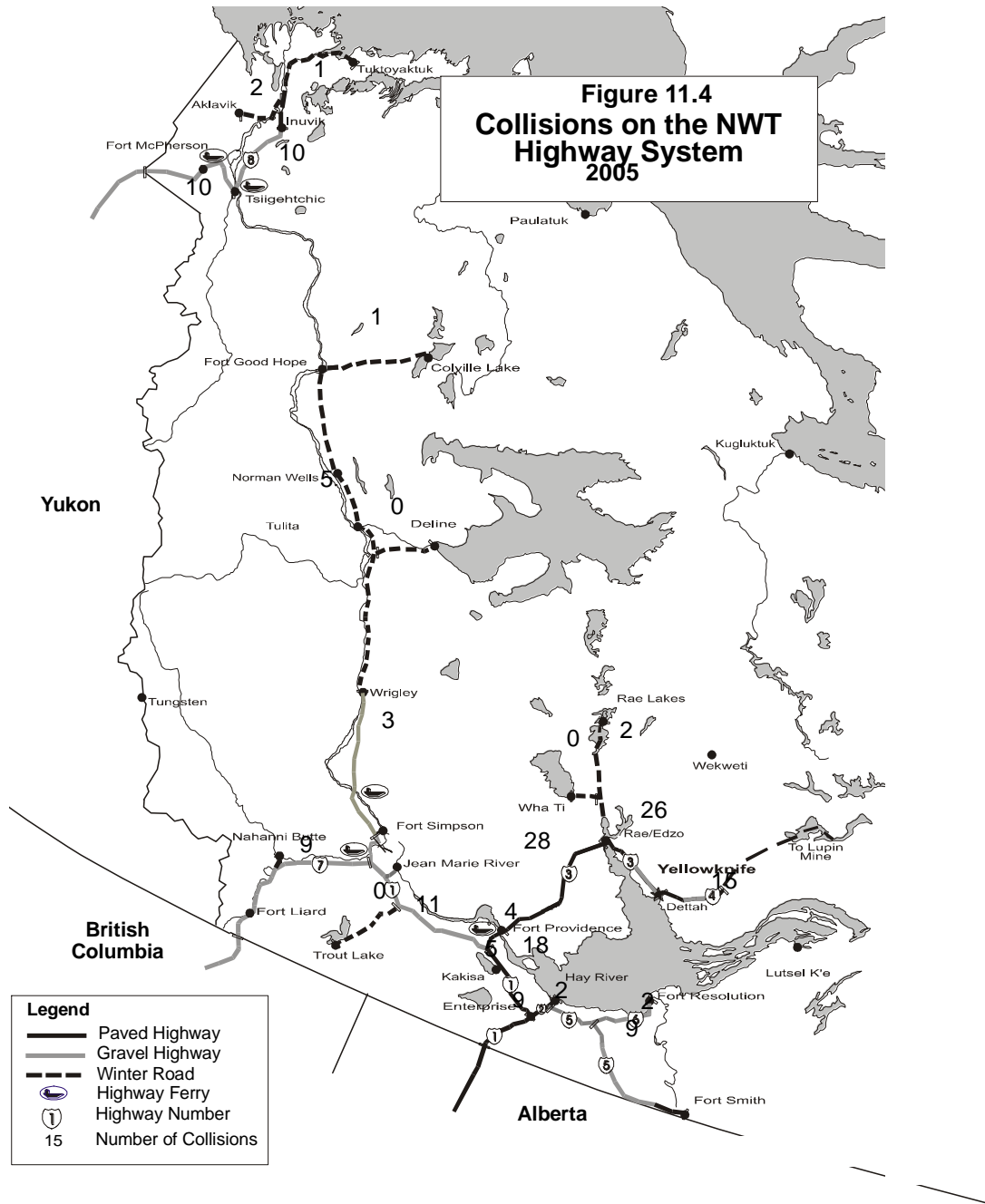
Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	12	8	0	20	18	0

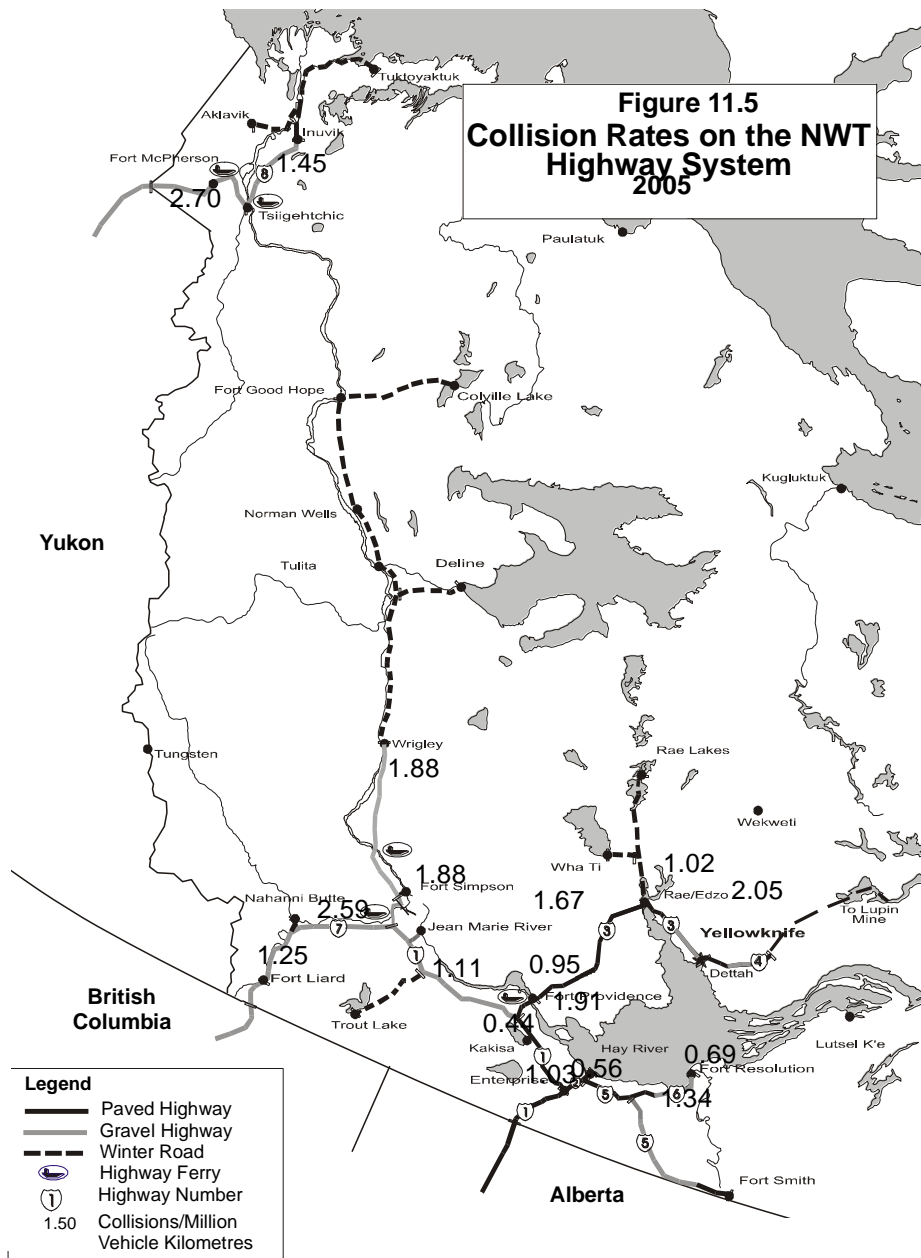
Geographic Distribution – Section 11

Access and Winter Roads	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
Dettah Access Road	12 Sep 2005	Property Damage	Ran Off Road - Right	0	0
Fort Simpson Access Road	2 Mar 2005	Property Damage	Rear End	0	0
Fort Simpson Access Road	3 Aug 2005	Injury	Single Vehicle Rollover	1	0
Fort Simpson Access Road	23 Dec 2005	Injury	Single Vehicle Rollover	1	0
Inuvik Access Road	16 Oct 2005	Property Damage	Ran Off Road - Right	0	0
Little Buffalo River Falls Access Road	22 Oct 2005	Property Damage	Ran Off Road - Right	0	0
Rae Access Road	22 Feb 2005	Injury	Sideswipe - Opposite Direction	1	0
Rae Access Road	6 Mar 2005	Property Damage	Rear End	0	0
Rae Access Road	26 Jul 2005	Injury	Single Vehicle Rollover	1	0
Sandy Lake Access Road	11 Jun 2005	Property Damage	Collision with Fixed Object	0	0
Yellowknife Access Road	2 Dec 2005	Property Damage	Sideswipe - Opposite Direction	0	0
Aklavik Winter Access Road	22 Mar 2005	Property Damage	Single Vehicle Rollover	0	0
Aklavik Winter Access Road	28 Mar 2005	Property Damage	Collision with Parked Vehicle	0	0
Colville Lake Winter Access Road	14 Feb 2005	Property Damage	Single Vehicle Rollover	0	0
Inuvik-Tuktoyaktuk Winter Road	19 Feb 2005	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	11 Mar 2005	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	19 Mar 2005	Injury	Single Vehicle Rollover	1	0
Mackenzie Highway Winter Road	21 Mar 2005	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	27 Mar 2005	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	27 Mar 2005	Injury	Right Angle	2	0
Rae Lakes Winter Access Road	24 Jan 2005	Property Damage	Ran Off Road - Left	0	0
Rae Lakes Winter Access Road	28 Feb 2005	Property Damage	Collision with Fixed Object	0	0

Summary Access and Winter Roads	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	16	6	0	22	7	0

Summary All NWT Highways	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	114	62	2	178	103	2





Casualty Rates by Canadian Jurisdiction - 2004 [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	8.5	664.7	8.8	681	12.6	979.8
Newfoundland & Labrador	7.2	516.6	9.7	699	10.8	779.2
Prince Edward Island	20.3	681.1	22.6	760	28.8	964.6
Nova Scotia	9.6	546.2	9.4	533	13.7	776.5
New Brunswick	9.4	562.4	9.6	573	13.4	800.0
Quebec	8.6	740.9	9.0	778	13.7	1,182.9
Ontario	6.5	588.7	6.6	600	9.3	842.9
Manitoba	8.5	796.3	9.5	891	14.3	1,343.0
Saskatchewan	12.7	745.2	11.0	647	18.8	1,107.4
Alberta	12.1	757.3	9.9	622	16.2	1,015.1
British Columbia	10.2	694.3	12.4	842	15.0	1,019.2
Yukon	16.0	679.3	9.4	397	21.4	907.0
Northwest Territories	7.0	352.7	9.6	485	9.7	487.8
Nunavut	3.4	222.6	33.7	2,222	N/A	N/A

[1] Canadian Motor Vehicle Traffic Collision Statistics: 2004. 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				03. CASE NUMBER				PAGE OF			
1. In Community of (Give Park, Special Area Etc.)				31. DIRECTION OF TRAVEL				REPORT TYPE				REPORT STATUS			
2. Near Or Highway Number Or Street/Road/Avenue				7 W 8 E 9 S 10 N 11 U Unknown				1. Original 2. Continuation 3. Amendment 4. Correction				1. Complete 2. Incomplete			
At Intersection With Or Highway Number Or Street/Road/Avenue				10. COLLISION SEVERITY				04. SCENE ATTENDED				05. DATE OF COLLISION			
If Not At Intersection metres of Street, Highway, Town, Etc.				1. Fatal 2. Property Damage 3. Injury 4. Unknown				1. Yes 2. No				1. Yes 2. No			
Special Reference If Location Can Be Described More Precisely, Enter Here				11. NO. VEHICLES				12. NO. KILLED				13. NO. INJURED			
14. TYPE				15. HIT AND RUN				16. OTHER COLLISION TYPE				17. OTHER COLLISION TYPE			
01. H&M Moving Object 02. H&M Stationary Object				03. Off Road Left 04. Off Road Right				05. Right Turn Opposite Direction				06. Right Turn Same Direction			
07. Rear End 08. Passing - Left Turn 09. Other Multi-Vehicle Same Direction				10. Left Turn Across Path 11. Head-On				12. Left Turn Opposite Direction				13. Right Turn Opposite Direction			
29. VEH. SEQUENCE # LAST NAME FIRST NAME(S)				30. TOTAL OCCUPANTS				31. VEH. SEQUENCE # LAST NAME FIRST NAME(S)				32. TOTAL OCCUPANTS			
ADDRESS				ADDRESS				ADDRESS				ADDRESS			
DATE OF BIRTH SEX HOME PHONE WORK PHONE				DATE OF BIRTH SEX HOME PHONE WORK PHONE				DATE OF BIRTH SEX HOME PHONE WORK PHONE				DATE OF BIRTH SEX HOME PHONE WORK PHONE			
DRIVER'S LICENCE # 59. PROV. STATE 60. CLASS 61. Years Licensed				DRIVER'S LICENCE # 59. PROV. STATE 60. CLASS 61. Years Licensed				DRIVER'S LICENCE # 59. PROV. STATE 60. CLASS 61. Years Licensed				DRIVER'S LICENCE # 59. PROV. STATE 60. CLASS 61. Years Licensed			
58. STATUS 1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended 5. Expired 6. Other N. Not Applicable U. Unknown				58. STATUS 1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended 5. Expired 6. Other N. Not Applicable U. Unknown				58. STATUS 1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended 5. Expired 6. Other N. Not Applicable U. Unknown				58. STATUS 1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended 5. Expired 6. Other N. Not Applicable U. Unknown			
34. YEAR MAKE/MODEL				34. YEAR MAKE/MODEL				34. YEAR MAKE/MODEL				34. YEAR MAKE/MODEL			
LICENCE PLATE # EXP 32. PROV. VIN U. Unknown				LICENCE PLATE # EXP 32. PROV. VIN U. Unknown				LICENCE PLATE # EXP 32. PROV. VIN U. Unknown				LICENCE PLATE # EXP 32. PROV. VIN U. Unknown			
LAST NAME FIRST NAME(S)				LAST NAME FIRST NAME(S)				LAST NAME FIRST NAME(S)				LAST NAME FIRST NAME(S)			
ADDRESS SAME AS ABOVE				ADDRESS SAME AS ABOVE				ADDRESS SAME AS ABOVE				ADDRESS SAME AS ABOVE			
HOME PHONE WORK PHONE				HOME PHONE WORK PHONE				HOME PHONE WORK PHONE				HOME PHONE WORK PHONE			
INSURANCE COMPANY ADDRESS				INSURANCE COMPANY ADDRESS				INSURANCE COMPANY ADDRESS				INSURANCE COMPANY ADDRESS			
POLICY NUMBER EXPIRY DATE				POLICY NUMBER EXPIRY DATE				POLICY NUMBER EXPIRY DATE				POLICY NUMBER EXPIRY DATE			
20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unknown				20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unknown				20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unknown				20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unknown			
56. Age 00 < 1 Yr. 61. Position 62. Ejection Location 63. Ejection Location 64. Medical Treatment Required				56. Age 00 < 1 Yr. 61. Position 62. Ejection Location 63. Ejection Location 64. Medical Treatment Required				56. Age 00 < 1 Yr. 61. Position 62. Ejection Location 63. Ejection Location 64. Medical Treatment Required				56. Age 00 < 1 Yr. 61. Position 62. Ejection Location 63. Ejection Location 64. Medical Treatment Required			
65. Safety Equipment 66. Proper Use 67. Air Bag Deployed				65. Safety Equipment 66. Proper Use 67. Air Bag Deployed				65. Safety Equipment 66. Proper Use 67. Air Bag Deployed				65. Safety Equipment 66. Proper Use 67. Air Bag Deployed			
(IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH)				(IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH)				(IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH)				(IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH)			
NAMES AND ADDRESSES				NAMES AND ADDRESSES				NAMES AND ADDRESSES				NAMES AND ADDRESSES			
68. POSITION 69. EJECTION 70. EJECTION LOCATION				68. POSITION 69. EJECTION 70. EJECTION LOCATION				68. POSITION 69. EJECTION 70. EJECTION LOCATION				68. POSITION 69. EJECTION 70. EJECTION LOCATION			
71. Windshield 72. Adjacent Side Window 73. Opposite Side Window				71. Windshield 72. Adjacent Side Window 73. Opposite Side Window				71. Windshield 72. Adjacent Side Window 73. Opposite Side Window				71. Windshield 72. Adjacent Side Window 73. Opposite Side Window			
74. Adjacent Side Door 75. Opposite Side Door 76. Rear Window or Gate				74. Adjacent Side Door 75. Opposite Side Door 76. Rear Window or Gate				74. Adjacent Side Door 75. Opposite Side Door 76. Rear Window or Gate				74. Adjacent Side Door 75. Opposite Side Door 76. Rear Window or Gate			
77. Sun Roof 78. Pedestrian 79. Other U. Unknown				77. Sun Roof 78. Pedestrian 79. Other U. Unknown				77. Sun Roof 78. Pedestrian 79. Other U. Unknown				77. Sun Roof 78. Pedestrian 79. Other U. Unknown			
80. Not Ejected 81. Not Ejected 82. Not Ejected				80. Not Ejected 81. Not Ejected 82. Not Ejected				80. Not Ejected 81. Not Ejected 82. Not Ejected				80. Not Ejected 81. Not Ejected 82. Not Ejected			
83. No Safety Device Used 84. Lap Belt Only Used 85. Shoulder Belt Only Used				83. No Safety Device Used 84. Lap Belt Only Used 85. Shoulder Belt Only Used				83. No Safety Device Used 84. Lap Belt Only Used 85. Shoulder Belt Only Used				83. No Safety Device Used 84. Lap Belt Only Used 85. Shoulder Belt Only Used			
86. Lap/Shoulder Belt Used 87. Front-Facing Child Restraint in Use 88. Rear-Facing Child Restraint in Use				86. Lap/Shoulder Belt Used 87. Front-Facing Child Restraint in Use 88. Rear-Facing Child Restraint in Use				86. Lap/Shoulder Belt Used 87. Front-Facing Child Restraint in Use 88. Rear-Facing Child Restraint in Use				86. Lap/Shoulder Belt Used 87. Front-Facing Child Restraint in Use 88. Rear-Facing Child Restraint in Use			
89. Booster Seat 90. Child Restraint in Use - Unspecified 91. Helmet Worn				89. Booster Seat 90. Child Restraint in Use - Unspecified 91. Helmet Worn				89. Booster Seat 90. Child Restraint in Use - Unspecified 91. Helmet Worn				89. Booster Seat 90. Child Restraint in Use - Unspecified 91. Helmet Worn			
92. Reflective Clothing Worn 93. Helmet & Reflective Clothing Worn 94. No Safety Device Fitted				92. Reflective Clothing Worn 93. Helmet & Reflective Clothing Worn 94. No Safety Device Fitted				92. Reflective Clothing Worn 93. Helmet & Reflective Clothing Worn 94. No Safety Device Fitted				92. Reflective Clothing Worn 93. Helmet & Reflective Clothing Worn 94. No Safety Device Fitted			
95. No Safety Device Fitted 96. No Safety Device Used 97. Other U. Unknown				95. No Safety Device Fitted 96. No Safety Device Used 97. Other U. Unknown				95. No Safety Device Fitted 96. No Safety Device Used 97. Other U. Unknown				95. No Safety Device Fitted 96. No Safety Device Used 97. Other U. Unknown			
98. PROPER USE 99. PROPER USE 100. PROPER USE				98. PROPER USE 99. PROPER USE 100. PROPER USE				98. PROPER USE 99. PROPER USE 100. PROPER USE				98. PROPER USE 99. PROPER USE 100. PROPER USE			
101. Used Correctly 102. Used Incorrectly 103. No Safety Device Fitted				101. Used Correctly 102. Used Incorrectly 103. No Safety Device Fitted				101. Used Correctly 102. Used Incorrectly 103. No Safety Device Fitted				101. Used Correctly 102. Used Incorrectly 103. No Safety Device Fitted			
104. No Safety Device Used 105. Other U. Unknown 106. AIR BAG DEPLOYED				104. No Safety Device Used 105. Other U. Unknown 106. AIR BAG DEPLOYED				104. No Safety Device Used 105. Other U. Unknown 106. AIR BAG DEPLOYED				104. No Safety Device Used 105. Other U. Unknown 106. AIR BAG DEPLOYED			
107. No Air Bag Fitted 108. Air Bag Fitted, No Deployment 109. Air Bag Fitted, Deployed				107. No Air Bag Fitted 108. Air Bag Fitted, No Deployment 109. Air Bag Fitted, Deployed				107. No Air Bag Fitted 108. Air Bag Fitted, No Deployment 109. Air Bag Fitted, Deployed				107. No Air Bag Fitted 108. Air Bag Fitted, No Deployment 109. Air Bag Fitted, Deployed			
110. Air Bag Fitted, Deployment Unknown 111. Not Applicable Vehicle Type 112. Other U. Unknown				110. Air Bag Fitted, Deployment Unknown 111. Not Applicable Vehicle Type 112. Other U. Unknown				110. Air Bag Fitted, Deployment Unknown 111. Not Applicable Vehicle Type 112. Other U. Unknown				110. Air Bag Fitted, Deployment Unknown 111. Not Applicable Vehicle Type 112. Other U. Unknown			
Officer's Signature Name Rank Date Reviewed				Officer's Signature Name Rank Date Reviewed				Officer's Signature Name Rank Date Reviewed				Officer's Signature Name Rank Date Reviewed			
Reviewed By:				Reviewed By:				Reviewed By:				Reviewed By:			

Appendix A2 – Collision Report Form Side II

16. ROADWAY CONFIGURATION 1. Non-Intersection 2. Intersection 2 Roads 3. Intersection With Parking Lot/Driveway/Alley 4. Railroad Level Crossing 5. Bridge, Overpass, Viaduct 6. Tunnel Or Underpass 7. Other 8. Unknown	24. ROAD SURFACE 1. Dry, Normal 2. Wet 3. Snow (Fresh/Loose) 4. Slush, Wet Snow 5. Ice 6. Sandy/Gravel/Dirt 7. Muddy 8. Oil 9. Flooded 10. Other 11. Unknown	32. VEHICLE TYPE 1. Passenger Car 2. Passenger Van 3. Light Utility Vehicle 4. Pickup Truck, To 4500 kg 5. Panel/Cargo Van, To 4500 kg 6. Other Truck, Van, To 4500 kg 7. Unit Truck, > 4500 kg 8. Road Tractor 9. School Bus	40. VEHICLE SPEED 000. Stopped in Traffic NN. Parked NN. Apparently Normal QQ. Other UU. Unknown	44. VEHICLE EVENTS NON-COLLISION EVENTS: 01. Skidded Or Spun On Roadway 02. Ran Off Road 03. Overturned, Rollover 04. Jackknife Or Trailer Swing 05. Fire Or Explosion 06. Load Spill 07. Load Shift 08. Submersion 09. Other Non-Collision Event HIT MOVING OBJECTS: 11. Hit Moving Motor Vehicle 12. Hit Pedestrian 13. Hit Bicyclist 14. Hit Animal 15. Hit Train 16. Hit Another Moving Object HIT NON-MOVING OBJECTS: 21. Hit Parked Vehicle 22. Hit Non-Fixed Object 23. Hit Building 24. Hit Ditch 25. Hit Embankment, Dirt Pile, Rock 26. Hit Culvert, Drainage Structure 27. Hit Tree/Bush/Hedge 28. Hit Light/Utility Pole 29. Hit Curb 30. Hit Post 31. Hit Traffic Barrier 32. Hit Other Fixed Object, Part Of Road Structure 33. Hit Other Fixed Object, NOT Part Of Road Structure 34. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other UU. Unknown	48. DRIVER ACTION 21. Following Too Closely 22. Distracted, Inattentive 23. Driving Too Fast For Conditions 24. Improper Turning Or Passing 25. Fail To Yield Right-Of-Way 26. Disobeyed Traffic Control Device/ Police Officer 27. Driving On Wrong Side Of Road 29. Backing Unsafely 30. Lost Control NN. Driving Properly QQ. Other UU. Unknown	68. PEDESTRIAN ACTION 01. Crossing Intersection With ROW 02. Crossing Intersection Without ROW 04. In Crosswalk 05. Crossing Roadway At Midblock 06. Walking On Roadway Against Traffic 07. Walking On Roadway With Traffic 08. On Sidewalk, Median, Safety Zone 11. Coming From Behind Parked Vehicle/Object 12. Coming From Behind Moving Vehicle 13. Running Into Roadway 14. Getting On/Off School Bus 15. Getting On/Off Vehicle 16. Pushing Vehicle 17. Working On Vehicle 18. Playing On Road 19. Working On Road 20. Lying On Road NN. Not a Pedestrian QQ. Other UU. Unknown	INDEPENDENT WITNESSES Last Name First Name Address Home Phone Work Phone Last Name First Name Address Home Phone Work Phone
17. WEATHER CONDITION 1. Clear and/or Sunny 2. Overcast, Cloudy - No Precipitation 3. Raining 4. Snowing, Not Including Drifting Snow 5. Freez. Rain, Sleet, Hail 6. Visibility Limitation (Eg. Fog, Smoke, Dust, Mist) 7. Strong Wind 8. Other 9. Unknown	25. ROAD CONDITION 1. Good 2. Potholes, Bumps, Ruts 3. Under Construction, Repair 4. Uneven 5. Worn 6. Obscured/Faded Markings 7. Other 8. Unknown	36. VEHICLE USE 01. Taxi 02. School Bus 03. Other Bus 04. Military 05. Police Cruiser 06. Other Police 07. Ambulance 08. Hearse 09. Tow Truck 10. Delivery Vehicle 11. Road Maintenance 12. Utilities Maintenance 13. Fire Response 99. No Special Use QQ. Other UU. Unknown	46. VEHICLE EVENTS NON-COLLISION EVENTS: 01. Skidded Or Spun On Roadway 02. Ran Off Road 03. Overturned, Rollover 04. Jackknife Or Trailer Swing 05. Fire Or Explosion 06. Load Spill 07. Load Shift 08. Submersion 09. Other Non-Collision Event HIT MOVING OBJECTS: 11. Hit Moving Motor Vehicle 12. Hit Pedestrian 13. Hit Bicyclist 14. Hit Animal 15. Hit Train 16. Hit Another Moving Object HIT NON-MOVING OBJECTS: 21. Hit Parked Vehicle 22. Hit Non-Fixed Object 23. Hit Building 24. Hit Ditch 25. Hit Embankment, Dirt Pile, Rock 26. Hit Culvert, Drainage Structure 27. Hit Tree/Bush/Hedge 28. Hit Light/Utility Pole 29. Hit Curb 30. Hit Post 31. Hit Traffic Barrier 32. Hit Other Fixed Object, Part Of Road Structure 33. Hit Other Fixed Object, NOT Part Of Road Structure 34. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other UU. Unknown	50. ENVIRONMENTAL FACTORS 51. Animal On Roadway 52. Road Surface Or Other Condition 53. Obstruction On Road 54. View Obstructed, Glare, Reflection 55. Weather Or Acts Of God NN. No Environmental Factors QQ. Other UU. Unknown	52. DANGEROUS GOODS CLASS 1. Explosives 2. Gases 3. Flammable Liquids 4. Flammable Solids, Spontaneous Combustibles 5. Oxidizers & Organic Peroxides 6. Poisonous & Infectious Substances 7. Radioactives 8. Corrosives 9. Misc. Dangerous Goods N. Not a Commercial Vehicle Q. Other UU. Unknown	60. BLOOD ALCOHOL CONCENTRATION 000-500 BAC (mg%) of Driver /Pedestrian 000. Not Tested, Driver/Pedestrian Dead, Alcohol Use Suspected 010. Not Tested Due To Injury, Alcohol Use Suspected 020. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UU. Unknown Dri 1 Dri 2 Ped 1 Ped 2 Ped 3 Ped 4	ADDITIONAL WITNESSES ON FILE? Yes No DESCRIPTION: Show Direction of Travel, Obstructions, Vehicle Movement, Travel Lane, Fixed Objects, Traffic Controls.
18. LIGHT CONDITION 1. Daylight 2. Dawn 3. Dusk 4. Darkness 5. Other 6. Unknown	26. ROAD ALIGNMENT 1. Straight And Level 2. Straight With Grade 3. Under Construction, Repair 4. Curved And Level 5. Curved With Grade 6. Top Of Hill/Gradient 7. Bottom Of Hill/Gradient 8. Other 9. Unknown	37. EMERGENCY USE 1. Yes 2. No N. Not an Emergency Vehicle UU. Unknown	38. TRAILER TYPE 1. Recreational Trailer 2. Light Utility Trailer (Boat) 3. Commercial Full Trailer 4. One Semi-Trailer 5. Two Semi-Trailers, A-Train 6. Two Semi-Trailers, B-Train 7. Two Semi-Trailers, C-Train 8. Two Semi-Trailers, Connector Unknown 9. Three Semi-Trailers N. No Trailers Q. Other UU. Unknown	53. LOAD STATUS COMMERCIAL VEHICLES 1. Fully/Partially Loaded 2. Not Loaded N. Not a Commercial Vehicle Q. Other UU. Unknown	54. ROAD STATUS 1. Fully/Partially Loaded 2. Not Loaded N. Not a Commercial Vehicle Q. Other UU. Unknown	60. BLOOD ALCOHOL CONCENTRATION 000-500 BAC (mg%) of Driver /Pedestrian 000. Not Tested, Driver/Pedestrian Dead, Alcohol Use Suspected 010. Not Tested Due To Injury, Alcohol Use Suspected 020. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UU. Unknown Dri 1 Dri 2 Ped 1 Ped 2 Ped 3 Ped 4	DIAGRAM Use Solid Direction Lines, Before Impact and Broken Lines After
19. ARTIFICIAL LIGHT CONDITION 1. No Artificial Light 2. Artificial Light - On 3. Artificial Light - Off 4. Other 5. Unknown	27. TRAFFIC CONTROL 01. Traffic Signals - Oper. 02. Traffic Signals - Flashing 03. Stop Sign 04. Yield Sign 05. Warning Sign 06. Pedestrian Crosswalk 07. Police Officer 08. School Guard, Flagman 09. School Crossing 10. Reduced Speed Zone 11. No Passing Zone Sign 12. Road Markings 13. School Bus Stopped/ Lights Flashing 14. School Bus Stopped/ Lights Not Flashing 15. Rail Crossing With Signals and/or Gates 16. Rail X-ing, Signs Only 17. Unspec. Control Device 18. No Control Present QQ. Other UU. Unknown	39. USE OF HEADLIGHTS 1. No Headlights On/Not Equipped 2. Daytime Running Lights On 3. Headlights On 4. Parking Lights Only On 5. Fog Or Auxiliary Lights On Q. Other J. Unknown	47. DRIVER/PEDESTRIAN CONDITION 01. Fatigued/Fell Asleep 02. Inexperience 03. Under Influence - Alcohol 04. Under Influence - Drugs 05. Sudden Illness, Lost Consciousness NN. Apparently Normal QQ. Other UU. Unknown	60. BLOOD ALCOHOL CONCENTRATION 000-500 BAC (mg%) of Driver /Pedestrian 000. Not Tested, Driver/Pedestrian Dead, Alcohol Use Suspected 010. Not Tested Due To Injury, Alcohol Use Suspected 020. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UU. Unknown Dri 1 Dri 2 Ped 1 Ped 2 Ped 3 Ped 4	60. BLOOD ALCOHOL CONCENTRATION 000-500 BAC (mg%) of Driver /Pedestrian 000. Not Tested, Driver/Pedestrian Dead, Alcohol Use Suspected 010. Not Tested Due To Injury, Alcohol Use Suspected 020. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UU. Unknown Dri 1 Dri 2 Ped 1 Ped 2 Ped 3 Ped 4	60. BLOOD ALCOHOL CONCENTRATION 000-500 BAC (mg%) of Driver /Pedestrian 000. Not Tested, Driver/Pedestrian Dead, Alcohol Use Suspected 010. Not Tested Due To Injury, Alcohol Use Suspected 020. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UU. Unknown Dri 1 Dri 2 Ped 1 Ped 2 Ped 3 Ped 4	PROPOSED ACTION

Appendix A3 – Brief Description of Fatal Collisions

The following is a brief description of the two fatal traffic collisions that took place in the Northwest Territories in 2005, resulting in two fatalities.

RCMP Detachment	Date	Description
Hay River	20-May	Sport-utility vehicle collided head-on with pickup truck on Highway #1 just north of the NWT/Alberta border. The driver of the sport-utility vehicle sustained fatal injuries while the driver of the pickup truck suffered serious injuries. A passenger in the pickup truck suffered slight injuries. All occupants were fully restrained. Alcohol was not involved.
Hay River	30-Jun	Driver of passenger car swerved to avoid hitting a moose near Km 90 on Highway #5. The vehicle ran off the road and struck some trees. The right front passenger, who was unrestrained, was totally ejected and was fatally injured. The fully restrained driver sustained slight injuries.