

2006 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.

2006 QUICK FACTS REPORT

2006 Compared to 2005

	<u>2005</u>	<u>2006</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	656	564	-14.0
PERSONAL INJURY COLLISIONS	128	88	-31.3
FATAL COLLISIONS	2	3	50.0
TOTAL REPORTED COLLISIONS	786	655	-16.7
NUMBER OF PERSONS KILLED	2	3	50.0
NUMBER OF PERSONS INJURED	188	112	-40.4
NWT HIGHWAY SYSTEM COLLISIONS	183	143	-21.9
RURAL COLLISIONS	7	5	-28.6
COLLISIONS IN COMMUNITIES	596	507	-14.9
REGISTERED VEHICLES	28,934	31,664	9.4
LICENSED DRIVERS	24,703	24,432	-1.1
NWT POPULATION [1]	42,982	41,861	-2.6
COLLISIONS PER 100 LICENSED DRIVERS	3.18	2.68	-15.7
COLLISIONS PER 100 REGISTERED VEHICLES	2.72	2.07	-23.9
COLLISIONS PER 100 POPULATION	1.83	1.56	-14.4
COLLISIONS INVOLVING ALCOHOL	51	44	-13.7

[1] 2005 and 2006 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2007.

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 18-year history of collisions, victims and licensed drivers and vehicles. There were a total of 655 collisions reported in 2006, which is 16.7 percent fewer than 2005. 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 three traffic fatalities reported in 2006 is close to the 18-year average while the 112 persons injured in 2006 is the lowest number since 1989.

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 nearly three times as prevalent in injury and fatal collisions (20%) than in all collisions (7%). Driver error accounts for 69% of all factors in collisions, as compared to vehicular (1%) and environmental (6%).

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 2006, 928 drivers were involved in 655 collisions. This is an average of 1.42 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 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 1,155 vehicles involved in 655 collisions in 2006. This is an average of 1.76 vehicles per collision. This section provides details on the different vehicle types involved in collisions.

Section 7 - Victims and Occupant Restraints

The Traffic Collision Information System (TCIS) attempts to capture information on all road users involved in collisions, whether they are injured or not. This data can be used to calculate exposure rates for road users by injury severity, age, road user class, gender and many other variables.

Of interest is the relationship between the severity of injury to motor vehicle occupants and seat belt use. The severity of injury is lower for victims using seat belts. In 2006, only 6% of victims wearing seat belts were injured. On the other hand, 19% 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 2006:

- 15 pedestrians were injured;
- no pedestrians were killed;
- 20% of the pedestrians injured were under the age of 15;
- 93% pedestrians were injured within a community;
- 27% 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 2006, there were 44 collisions involving alcohol, resulting in 19 persons being injured. There were 3 alcohol-related fatalities in 2006. The number of collisions and persons injured are significantly below the 18-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:

- 64% of off-road vehicle collisions resulted in injuries;
- 50% of off-road vehicle drivers involved in collisions are 24 years of age or younger;
- 27% of off-road vehicle drivers in collisions had been drinking or were impaired by alcohol;
- 16% of off-road vehicle drivers or passengers in collisions were wearing helmets;
- 77% 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 42% of persons injured. The North Slave and Inuvik Regions had one fatality each.

A map detailing collisions that occurred on the NWT Highway system is shown on Page 44. Highway 3 (Yellowknife Highway) accounted for 32% of collisions occurring on the eight numbered highways.

Section 12 – National Comparison

This section compares injury and fatality rates for Canadian jurisdictions for the 2005 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 all six indicators.

Definitions

REPORTABLE MOTOR VEHICLE COLLISION - an incident involving one or more motor vehicles resulting in death, personal injury or a minimum of \$1,000 in property damage. The Traffic Collision Information System (TCIS) only records reportable motor vehicle collisions 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.

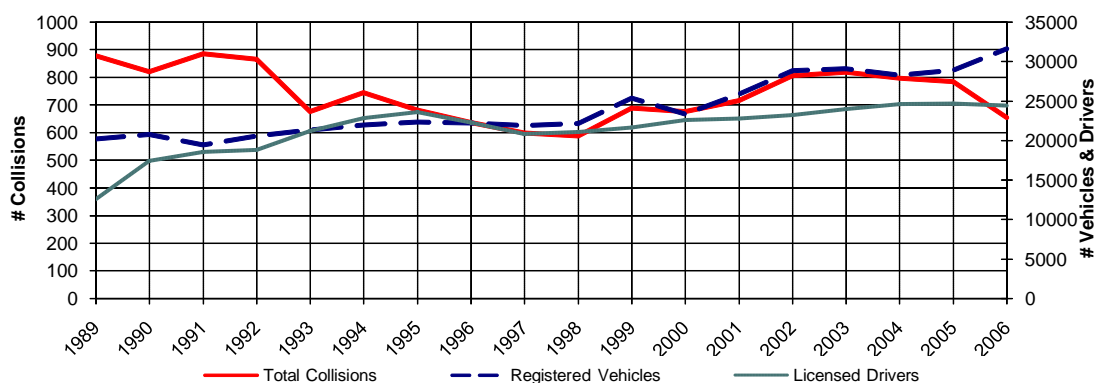
		Page
	Quick Facts - Inside Front Cover	
<u>Section 1</u>	<u>Historical Trends</u>	1
Figure	1.1 Trends in Licensed Drivers, Registered Vehicles and Collisions	1
	1.2 Trends in Collision Rates by Vehicles, Drivers and Population	1
	1.3 Trends in Injuries and Fatalities	2
	1.4 Trends in Property Damage Collisions	2
	1.5 Trends in Personal Injury Collisions	3
	1.6 Trends in Fatal Collisions	3
	1.7 Trends in All Reported Collisions	4
	1.8 Property Damage Collisions by Month and Year	4
	1.9 Personal Injury Collisions by Month and Year	5
	1.10 Fatal Collisions by Month and Year	5
	1.11 Total Collisions by Month and Year	6
<u>Section 2</u>	<u>Time of Occurrence</u>	7
Figure	2.1 Personal Injury Collisions by Month of Occurrence	7
	2.2 Fatal Collisions by Month of Occurrence	7
	2.3 Total Collisions by Month of Occurrence	7
	2.4 Collisions and Victims by Month of Occurrence	7
	2.5 Total Collisions by Time of Day	7
	2.6 Total Collisions by Day of Week	7
	2.7 Total Collisions by Time of Day and Day of Week	8
<u>Section 3</u>	<u>Major Contributing Factors</u>	9
Figure	3.1 Collision by Severity Where Human Condition was a Major Contributing Factor	9
	3.2 Collisions by Severity Where Human Action was a Major Contributing Factor	9
	3.3 Collisions by Severity Where Vehicle Condition was a Major Contributing Factor	9
	3.4 Collisions by Severity Where Environmental Condition was a Major Contributing Factor	10
	3.5 Collisions by Severity Where Major Contributing Factor was Unspecified or Unknown	10
	3.6 Major Contributing Factors by Collision Severity	10
	3.7 Collisions by Road System Where Human Condition was a Major Contributing Factor	11
	3.8 Collisions by Road System Where Human Action was a Major Contributing Factor	11
	3.9 Collisions by Road System Where Vehicle Condition was a Major Contributing Factor	11
	3.10 Collisions by Road System Where Environmental Condition was a Major Contributing Factor	12
	3.11 Collisions by Road System Where Major Contributing Factor was Unspecified or Unknown	12
	3.12 Major Contributing Factors in Collisions - Communities and NWT Highways	12

		Page
<u>Section 4</u>	<u>Environmental Factors</u>	13
Figure	4.1 Collisions by Road Surface Type and Severity	13
	4.2 Collisions by Road Surface Environmental Condition and Severity	13
	4.3 Collisions by Road Defect and Severity	14
	4.4 Collisions by Light Condition and Severity	14
	4.5 Collisions by Weather Condition and Severity	15
	4.6 Collisions by Configuration and Severity	16
	4.7 Collisions by Configuration and Road System	17
	4.8 Collisions by Collision Site and Severity	18
	4.9 Collisions by Collision Site and Road System	18
	4.10 Collisions by Roadway Alignment and Severity	18
	4.11 Collisions by Roadway Type and Severity	19
	4.12 Collisions by Sequence of Events and Severity	19
	4.13 Collisions by Sequence of Events and Road System	20
<u>Section 5</u>	<u>Driver Factors</u>	21
Figure	5.1 Drivers in Collisions and Relative Risk by Driver Age	21
	5.2 Collision Rates by Severity and Driver Age	21
	5.3 Number of Drivers in Collisions by Licence Class and Age	22
	5.4 Number of Drivers in Collisions by Driver Condition and Age	22
	5.5 Number of Drivers in Collisions by Driver Action and Age	23
<u>Section 6</u>	<u>Vehicle Factors</u>	24
Figure	6.1 Number of Vehicles in Collisions by Vehicle Type and Severity	24
	6.2 Number of Vehicles in Collisions by Vehicle Condition and Severity	24
	6.3 Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity	25
	6.4 Number of Vehicles in Collisions by Vehicle Year and Severity	25
<u>Section 7</u>	<u>Victims and Occupant Restraints</u>	26
Figure	7.1 Fatalities Classification	26
	7.2 Injuries Classification	26
	7.3 Persons Injured by Road User Class and Age Group	27
	7.4 Persons Killed by Road User Class and Age Group	27
	7.5 Persons Injured or Killed by Road User Class and Gender	27
	7.6 Motor Vehicle Occupants by Injury Severity and Restraint Use	28
	7.7 Restraints Used/Not Used	28
	7.8 Motor Vehicle Occupants by Injury Severity and Age Group	29
	7.9 Victim Restraint Use Rate by Victim Age	29

			Page
<u>Section 8</u>	<u>Pedestrians</u>		30
Figure	8.1	Pedestrians Injured or Killed by Age Group	30
	8.2	Pedestrians Injured or Killed by Pedestrian Action and Age Group	30
	8.3	Pedestrians Injured or Killed by Place of Occurrence and Injury Severity	31
	8.4	Pedestrians Injured or Killed by Collision Site	31
	8.5	Pedestrians Injured or Killed by Pedestrian Condition	31
<u>Section 9</u>	<u>Alcohol</u>		32
Figure	9.1	Drinking Drivers in Collisions by Driver Age and Gender	32
	9.2	Collisions Involving Alcohol by Day of Week	32
	9.3	Percentage of Collisions Involving Alcohol by Year and Severity	32
	9.4	Number of Collisions and Victims Involving Alcohol	32
	9.5	Number of Alcohol Related Collisions by Time of Day	33
	9.6	Injury Severity by Alcohol Involvement	33
	9.7	Alcohol-Involved Collisions by Month	33
<u>Section 10</u>	<u>Off-Road Vehicles</u>		34
Figure	10.1	Off-Road Vehicle Collisions by Month and Severity	34
	10.2	Off-Road Vehicle Collisions by Vehicle Type	34
	10.3	Off-Road Vehicle Drivers in Collisions by Driver Age and Gender	35
	10.4	Off-Road Vehicle Collisions by Severity and Driver Condition	35
	10.5	Off-Road Vehicle Collisions by Severity and Driver Action	36
	10.6	Off-Road Vehicle Occupants by Injury Severity and Helmet Use	36
<u>Section 11</u>	<u>Geographic Distribution</u>		37
Figure	11.1	Collisions by Region, RCMP Detachment and Severity	37
	11.2	Collision Rates by Region and RCMP Detachment	38
	11.3	Collisions on the NWT Highway System	39
	11.4	Collisions on the NWT Highway System - Map	44
	11.5	Collision Rates on the NWT Highway System - Map	45
<u>Section 12</u>	<u>National Comparison</u>		46
Figure	12.1	Casualty Rates by Canadian Jurisdiction	46
<u>Appendix</u>			47
Section	A1	Northwest Territories Collision Report Form Side I	47
	A2	Northwest Territories Collision Report Form Side II	48
	A3	Brief Description of Fatal Collisions	49

Trends in Licensed Drivers, Registered Vehicles and Collisions

Figure 1.1

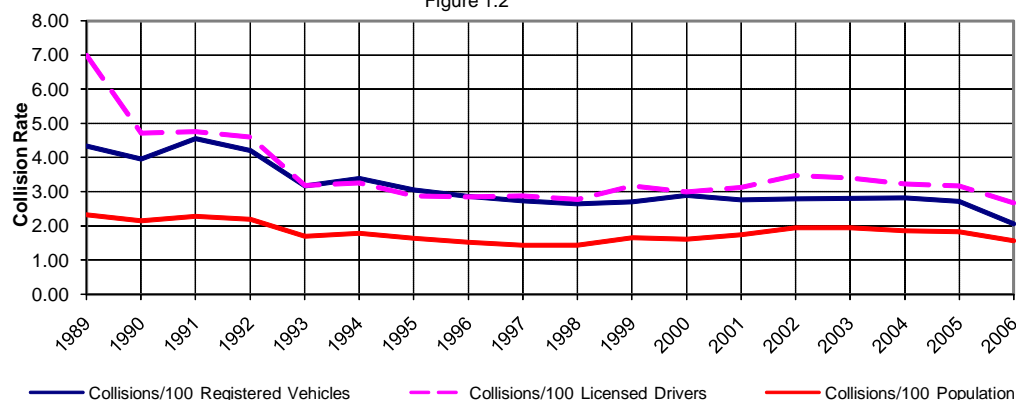


3 Year Summary

	2004	2005	2006	% Change
Registered Vehicles	28,305	28,934	31,664	9.4
Licensed Drivers	24,641	24,703	24,432	-1.1
Total Collisions	798	786	655	-16.7

Trends in Collision Rates by Vehicles, Drivers and Population

Figure 1.2

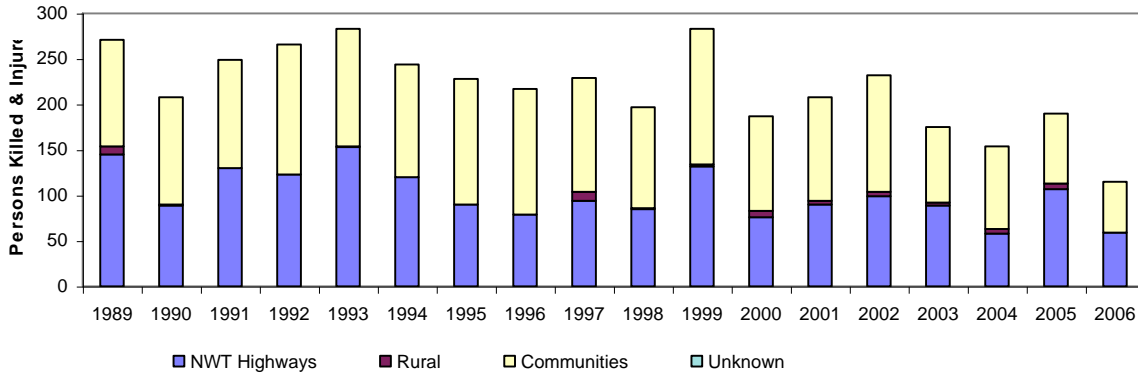


3 Year Summary

	2004	2005	2006	% Change
Collisions/100 Registered Vehicles	2.82	2.72	2.07	-23.9
Collisions/100 Licensed Drivers	3.24	3.18	2.68	-15.7
Collisions/100 Population	1.86	1.83	1.56	-14.4

Trends in Injuries & Fatalities

Figure 1.3

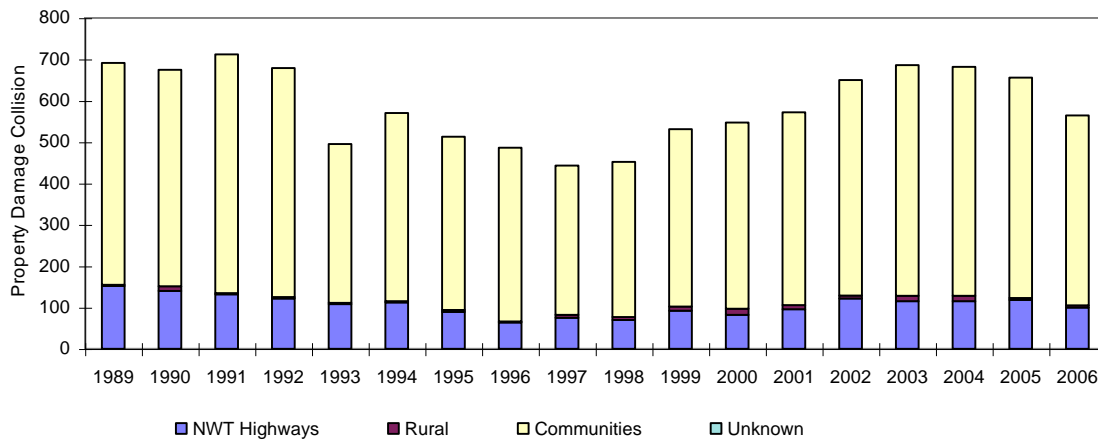


3 Year Summary

	Persons Injured				Persons Killed			
	2004	2005	2006	Average	2004	2005	2006	Average
NWT Highways	56	105	56	72	2	2	3	2
Rural	4	6	0	3	1	0	0	0
Communities	91	77	56	75	0	0	0	0
Total	151	188	112	150	3	2	3	3

Trends in Property Damage Collisions

Figure 1.4

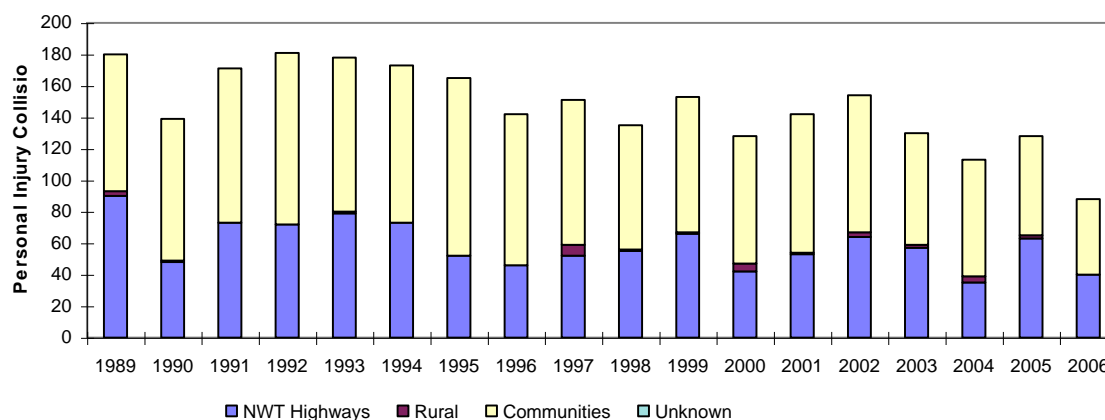


3 Year Summary

	Property Damage Collisions			
	2004	2005	2006	Average
NWT Highways	115	118	100	111
Rural	13	5	5	8
Communities	554	533	459	515
Total	682	656	564	634

Trends in Personal Injury Collisions

Figure 1.5

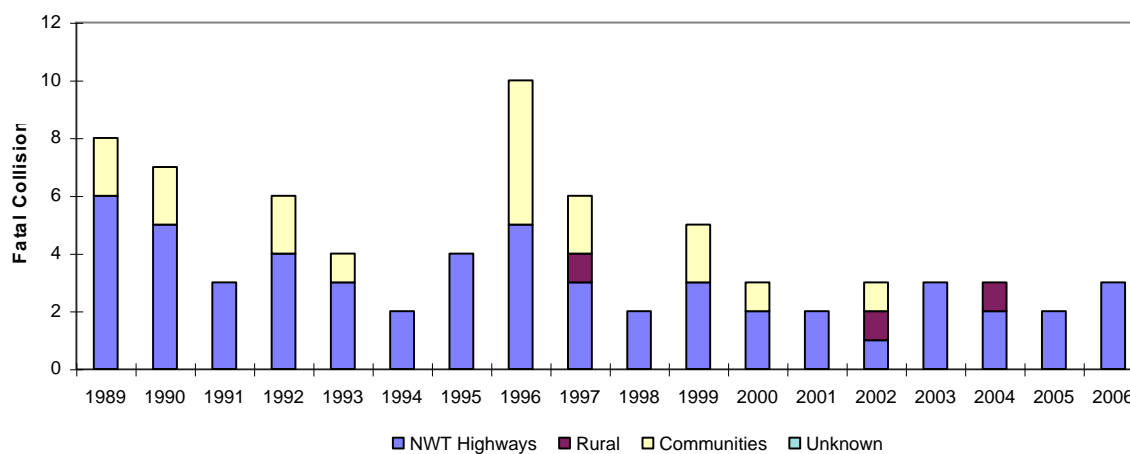


3 Year Summary

	Personal Injury Collisions			
	2004	2005	2006	Average
NWT Highways	35	63	40	46
Rural	4	2	0	2
Communities	74	63	48	62
Total	113	128	88	110

Trends in Fatal Collisions

Figure 1.6



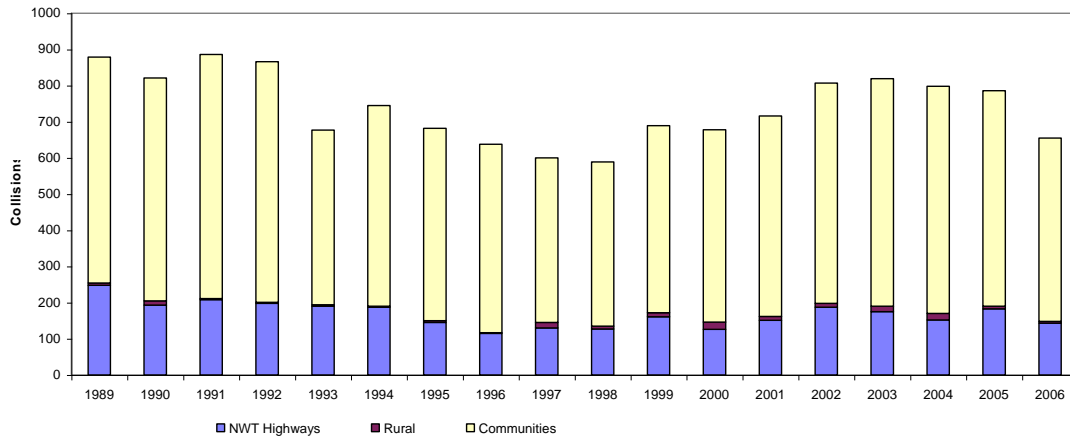
3 Year Summary

	Fatal Collisions			
	2004	2005	2006	Average
NWT Highways	2	2	3	2
Rural	1	0	0	0
Communities	0	0	0	0
Total	3	2	3	3

Historical Trends – Section 1

Trends in All Reported Collisions

Figure 1.7



3 Year Summary

	2004	2005	2006	Average
NWT Highways	152	183	143	159
Rural	18	7	5	10
Communities	628	596	507	577
Total	798	786	655	746

Property Damage Collisions by Month and Year

Figure 1.8

Month	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Avg. 96 to 05	2006
January	54	53	64	65	60	50	85	91	90	75	69	62
February	59	45	46	65	49	65	64	76	85	87	64	54
March	56	44	36	47	45	59	64	82	58	65	56	45
April	31	26	22	34	33	35	35	47	37	52	35	42
May	26	23	20	30	34	34	42	41	27	39	32	29
June	32	32	29	30	27	39	41	47	51	43	37	30
July	36	37	34	29	31	22	38	38	32	52	35	45
August	24	37	34	38	36	38	53	34	35	42	37	34
September	29	25	34	36	34	32	40	43	49	53	38	41
October	56	48	39	63	58	65	61	47	59	47	54	33
November	42	26	37	45	53	61	64	69	66	51	51	90
December	41	47	57	49	87	72	63	72	93	50	63	59
Total	486	443	452	531	547	572	650	687	682	656	571	564

Historical Trends – Section 1

Personal Injury Collisions by Month and Year

Figure 1.9

Month	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Avg. 96 to 05	2006
January	15	13	10	15	17	13	11	9	15	10	13	12
February	15	19	10	13	14	14	6	25	8	8	13	4
March	10	16	11	11	9	7	8	11	7	10	10	8
April	7	19	7	9	4	7	5	7	11	3	8	10
May	7	11	4	6	9	8	9	10	9	5	8	4
June	10	6	20	12	9	14	15	9	10	15	12	8
July	16	8	11	22	11	6	19	12	9	17	13	6
August	11	16	14	12	7	16	16	11	18	15	14	8
September	14	10	11	11	9	10	13	6	10	9	10	5
October	15	14	17	20	12	21	22	15	6	13	16	9
November	9	10	8	10	10	10	15	7	3	16	10	10
December	13	9	12	12	17	16	15	8	7	7	12	4
Total	142	151	135	153	128	142	154	130	113	128	138	88

Fatal Collisions by Month and Year

Figure 1.10

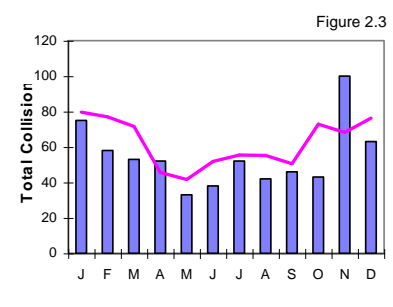
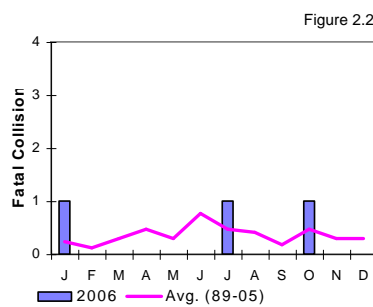
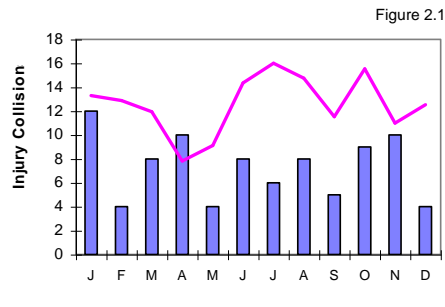
Month	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Avg. 96 to 05	2006
January	0	0	0	0	1	1	0	1	0	0	0.3	1
February	0	0	0	0	0	0	1	0	1	0	0.2	0
March	2	2	0	0	0	0	0	0	0	0	0.4	0
April	1	0	0	1	0	1	0	0	0	0	0.3	0
May	1	1	0	0	0	0	0	0	0	1	0.3	0
June	1	1	0	0	0	0	0	1	1	1	0.5	0
July	1	1	0	1	0	0	0	0	0	0	0.3	1
August	3	1	0	1	1	0	0	0	0	0	0.6	0
September	0	0	1	1	0	0	0	0	0	0	0.2	0
October	1	0	1	0	1	0	1	0	0	0	0.4	1
November	0	0	0	0	0	0	1	0	0	0	0.1	0
December	0	0	0	1	0	0	0	1	1	0	0.3	0
Total	10	6	2	5	3	2	3	3	3	2	3.9	3

Total Collisions by Month and Year

Figure 1.11

Month	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Avg. 96 to 05	2006
January	69	66	74	80	78	64	96	101	105	85	82	75
February	74	64	56	78	63	79	71	101	94	95	78	58
March	68	62	47	58	54	66	72	93	65	75	66	53
April	39	45	29	44	37	43	40	54	48	55	43	52
May	34	35	24	36	43	42	51	51	36	45	40	33
June	43	39	49	42	36	53	56	57	62	59	50	38
July	53	46	45	52	42	28	57	50	41	69	48	52
August	38	54	48	51	44	54	69	45	53	57	51	42
September	43	35	46	48	43	42	53	48	59	62	48	46
October	72	62	57	83	71	86	84	62	65	60	70	43
November	51	36	45	55	63	71	80	76	69	67	61	100
December	54	56	69	62	104	88	78	81	101	57	75	63
Total	638	600	589	689	678	716	807	819	798	786	712	655

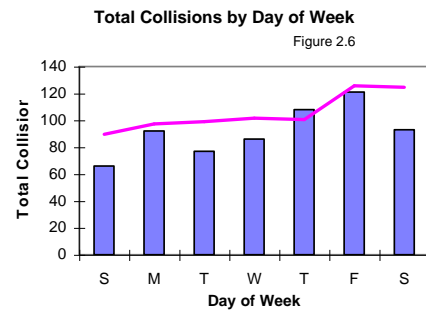
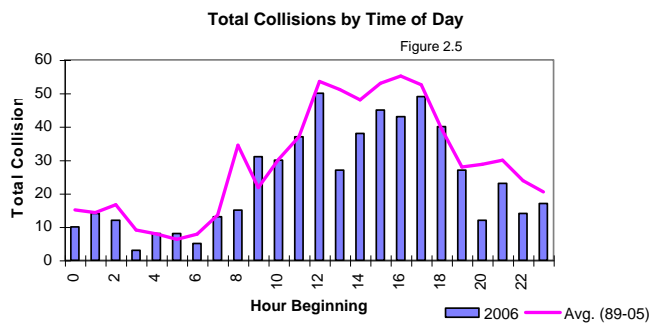
Collisions by Month of Occurrence



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	62	12	1	75	16	1
February	54	4	0	58	5	0
March	45	8	0	53	8	0
April	42	10	0	52	12	0
May	29	4	0	33	5	0
June	30	8	0	38	10	0
July	45	6	1	52	7	1
August	34	8	0	42	14	0
September	41	5	0	46	7	0
October	33	9	1	43	12	1
November	90	10	0	100	12	0
December	59	4	0	63	4	0
Total	564	88	3	655	112	3



Time of Occurrence – Section 2

Collisions by Time of Day & Day of Week*

Figure 2.7

Collision Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	%
12 to 1 a.m.	1	2	0	1	2	1	3	10	1.6
1 to 2 a.m.	4	1	2	1	1	4	1	14	2.2
2 to 3 a.m.	3	0	1	0	4	1	3	12	1.9
3 to 4 a.m.	2	0	0	0	1	0	0	3	0.5
4 to 5 a.m.	2	0	0	0	1	2	3	8	1.2
5 to 6 a.m.	0	0	2	2	0	2	2	8	1.2
6 to 7 a.m.	0	0	0	2	1	1	1	5	0.8
7 to 8 a.m.	0	1	2	1	6	3	0	13	2.0
8 to 9 a.m.	0	3	1	3	6	2	0	15	2.3
9 to 10 a.m.	1	5	6	3	7	3	6	31	4.8
10 to 11 a.m.	3	3	3	6	6	7	2	30	4.7
11 to 12 a.m.	3	9	3	5	5	6	6	37	5.8
12 to 1 p.m.	3	9	10	10	5	8	5	50	7.8
1 to 2 p.m.	2	7	4	3	5	2	4	27	4.2
2 to 3 p.m.	9	5	9	2	4	5	4	38	5.9
3 to 4 p.m.	4	8	6	8	2	14	3	45	7.0
4 to 5 p.m.	5	3	2	8	6	9	10	43	6.7
5 to 6 p.m.	2	10	6	5	10	11	5	49	7.6
6 to 7 p.m.	1	7	3	5	7	12	5	40	6.2
7 to 8 p.m.	3	4	1	3	5	6	5	27	4.2
8 to 9 p.m.	1	2	1	0	4	3	1	12	1.9
9 to 10 p.m.	2	1	5	3	1	5	6	23	3.6
10 to 11 p.m.	2	2	0	2	1	4	3	14	2.2
11 to 12 p.m.	1	4	2	0	5	3	2	17	2.6
Not Stated	12	6	8	13	13	7	13	72	11.2
Total	66	92	77	86	108	121	93	643	
%	10.3	14.3	12.0	13.4	16.8	18.8	14.5	100.0	

* Excludes collisions in which Day of Week was unknown.

Major Contributing Factors – Section 3

Collisions by Severity Where Human Condition was a Major Contributing Factor

Figure 3.1

Human Condition	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Fatigued, Fell Asleep	0	0	0	0	0.0
Inexperience	0	1	0	1	0.2
Under Influence - Alcohol	27	14	3	44	6.7
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	2	1	0	3	0.5
Other Driver Condition	0	0	0	0	0.0
Total	29	16	3	48	7.3

Collisions by Severity Where Human Action was a Major Contributing Factor

Figure 3.2

Human Action	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Following Too Closely	26	6	0	32	4.9
Distracted, Inattentive	73	9	0	82	12.5
Driving Too Fast for Conditions	67	14	0	81	12.4
Improper Turning or Passing	7	1	0	8	1.2
Failed to Yield Right-of-Way	17	3	0	20	3.1
Disobeyed Traffic Control/Officer	3	3	0	6	0.9
Driving on Wrong Side of Road	2	1	0	3	0.5
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	124	3	0	127	19.4
Lost Control	70	18	0	88	13.4
Other Driver Action	0	0	0	0	0.0
Total	389	58	0	447	68.2

Collisions by Severity Where Vehicle Condition was a Major Contributing Factor

Figure 3.3

Vehicle Condition	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	0	0	0	0.0
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	2	0	0	2	0.3
Visibility Obstructed	0	0	0	0	0.0
Other Vehicle Contributing Factor	6	1	0	7	1.1
Total	8	1	0	9	1.4

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	16	1	0	17	2.6
Road Surface or Condition	13	6	0	19	2.9
Obstruction/Debris on Road	2	0	0	2	0.3
View Obstructed, Glare, Reflection	2	1	0	3	0.5
Weather or Other Acts of God	1	0	0	1	0.2
Other Environmental Factor	0	0	0	0	0.0
Total	34	8	0	42	6.4

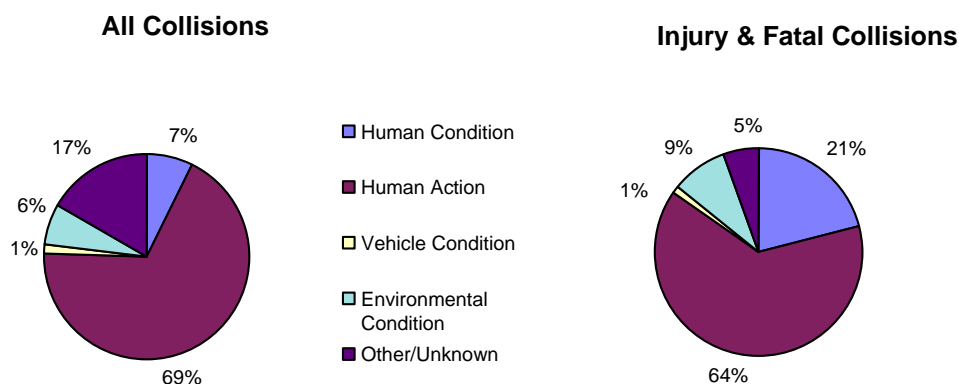
Collisions by Severity Where Major Contributing Factor was Unspecified or Unknown

Figure 3.5

Factor	Property Damage	Personal Injury	Fatal	Total	% of Total Factors
Unspecified	5	0	0	5	0.8
Unknown	99	5	0	104	15.9
Total	104	5	0	109	16.6
Total All Factors	564	88	3	655	100.0

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	Total	% of Total Factors
Fatigued, Fell Asleep	0	0	0	0	0.0
Inexperience	0	1	0	1	0.2
Under Influence - Alcohol	19	25	0	44	6.7
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	3	0	3	0.5
Other Driver Condition	0	0	0	0	0.0
Total	19	29	0	48	7.3

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

Figure 3.8

Human Action	NWT Highways	In Communities	Rural	Total	% of Total Factors
Following Too Closely	4	28	0	32	4.9
Distracted, Inattentive	10	71	1	82	12.5
Driving Too Fast for Conditions	20	61	0	81	12.4
Improper Turning or Passing	2	6	0	8	1.2
Failed to Yield Right-of-Way	2	18	0	20	3.1
Disobeyed Traffic Control/Officer	0	6	0	6	0.9
Driving on Wrong Side of Road	0	3	0	3	0.5
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	1	123	3	127	19.4
Lost Control	46	41	1	88	13.4
Other Driver Action	0	0	0	0	0.0
Total	85	357	5	447	68.2

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

Figure 3.9

Vehicle Condition	NWT Highways	In Communities	Rural	Total	% of Total Factors
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	0	0	0	0.0
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	1	1	0	2	0.3
Visibility Obstructed	0	0	0	0	0.0
Other Vehicle Contributing Factor	2	5	0	7	1.1
Total	3	6	0	9	1.4

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	
				Total	Factors
Animal on Roadway	16	1	0	17	2.6
Road Surface or Condition	10	9	0	19	2.9
Obstruction/Debris on Road	2	0	0	2	0.3
View Obstructed, Glare, Reflection	0	3	0	3	0.5
Weather or Other Acts of God	1	0	0	1	0.2
Other Environmental Factor	0	0	0	0	0.0
Total	29	13	0	42	6.4

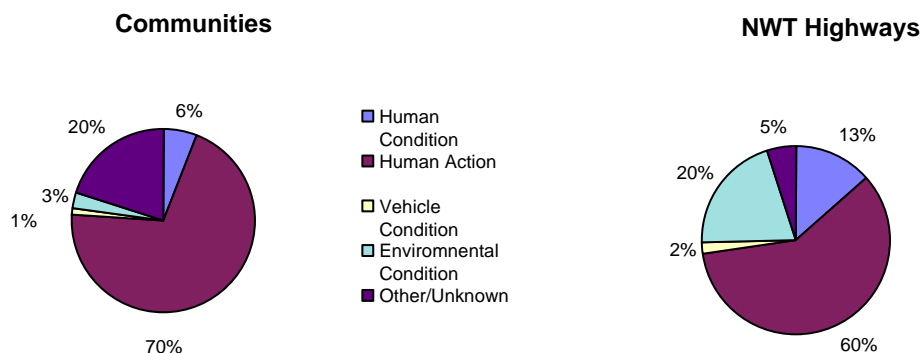
Collisions by Road System Where Major Contributing Factor was Unspecified or Unknown

Figure 3.11

Factor	NWT Highways	In Communities	Rural	% of Total	
				Total	Factors
Unspecified	0	5	0	5	0.8
Unknown	7	97	0	104	15.9
Total	7	102	0	109	16.6
Total All Factors	143	507	5	655	100.0

Major Contributing Factors in Collisions - Communities and NWT Highways

Figure 3.12

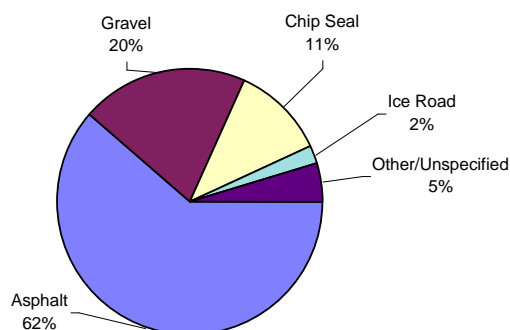


Environmental Factors – Section 4

Collisions by Road Surface Type and Severity

Figure 4.1

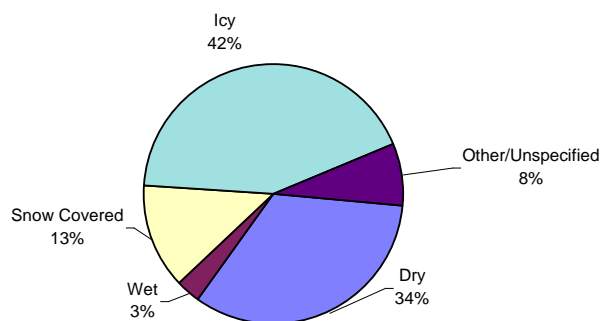
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	365	37	1	403	61.5
Concrete	5	0	0	5	0.8
Gravel (Crushed Stone)	107	24	1	132	20.2
Earth, Dirt	12	3	0	15	2.3
Chip Seal	54	20	1	75	11.5
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	10	4	0	14	2.1
Unspecified	11	0	0	11	1.7
Total	564	88	3	655	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	191	28	1	220	33.6
Wet	16	5	0	21	3.2
Snow (Fresh, Loose)	70	12	0	82	12.5
Slush, Wet Snow	2	0	0	2	0.3
Icy	240	37	2	279	42.6
Loose Sand/Gravel/Dirt	11	4	0	15	2.3
Muddy	2	0	0	2	0.3
Fresh Oil	0	0	0	0	0.0
Flooded	0	0	0	0	0.0
Other	2	0	0	2	0.3
Unspecified	30	2	0	32	4.9
Total	564	88	3	655	100

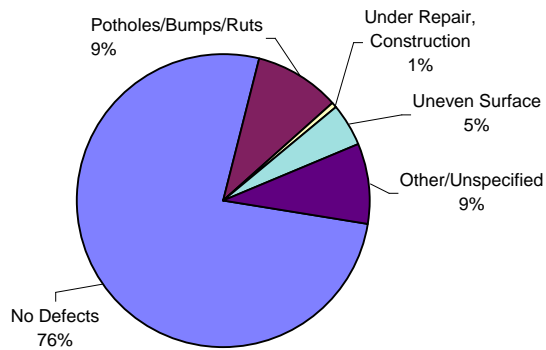


Environmental Factors – Section 4

Collisions by Road Defect and Severity

Figure 4.3

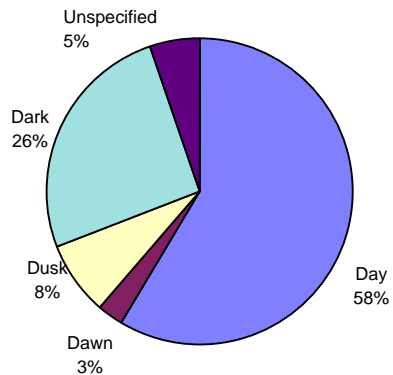
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	439	59	2	500	76.3
Potholes/Bumps/Ruts	49	13	0	62	9.5
Under Repair, Construction	1	3	0	4	0.6
Uneven Pavement Surface	23	6	1	30	4.6
Worn	5	2	0	7	1.1
Obscured or Faded Markings	3	0	0	3	0.5
Other	12	4	0	16	2.4
Unspecified	32	1	0	33	5.0
Total	564	88	3	655	100.0



Collisions by Light Condition and Severity

Figure 4.4

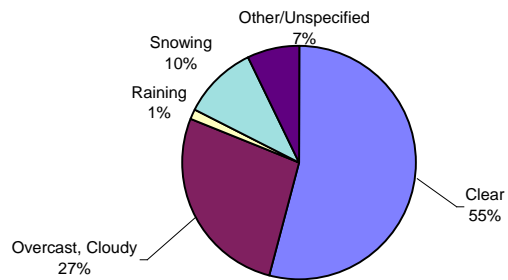
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	328	56	0	384	58.6
Dawn	14	4	1	19	2.9
Dusk	46	4	0	50	7.6
Dark	143	23	2	168	25.6
Unspecified	33	1	0	34	5.2
Total	564	88	3	655	100.0



Collisions by Weather Condition and Severity

Figure 4.5

Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	304	49	1	354	54.0
Overcast, Cloudy (No Precipitation)	151	26	1	178	27.2
Raining	6	2	0	8	1.2
Snowing	59	8	0	67	10.2
Freezing Rain/Sleet/Hail	5	1	1	7	1.1
Visibility Limitations (fog, dust, etc.)	3	2	0	5	0.8
Strong Winds	3	0	0	3	0.5
Other	0	0	0	0	0.0
Unspecified	33	0	0	33	5.0
Total	564	88	3	655	100.0



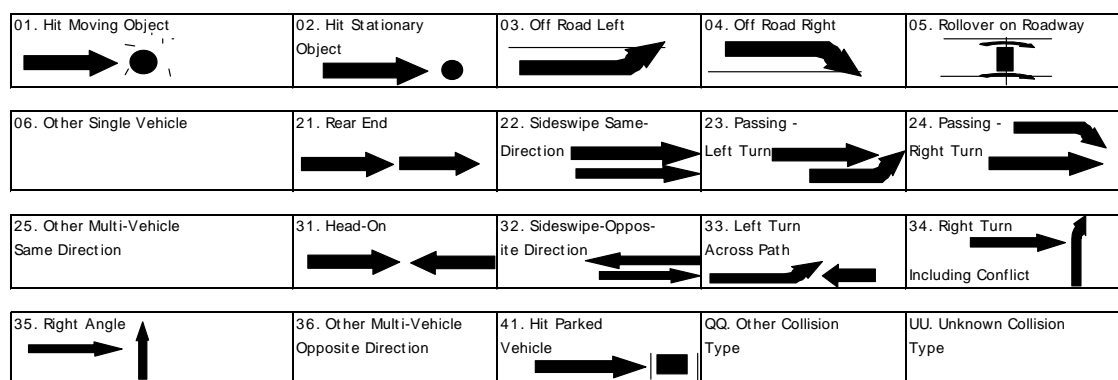
Environmental Factors – Section 4

Collisions by Configuration and Severity

Figure 4.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Bison	12	0	0	12	1.8
b) With Other Animal	4	1	0	5	0.8
c) With Pedestrian	1	14	0	15	2.3
d) Other	0	0	0	0	0.0
02. Hit Stationary Object	36	9	0	45	6.9
03. Off Road Left					
a) With Rollover	13	13	1	27	4.1
b) No Rollover	14	4	1	19	2.9
04. Off Road Right					
a) With Rollover	19	9	1	29	4.4
b) No Rollover	20	1	0	21	3.2
05. Rollover on Roadway	5	1	0	6	0.9
06. Other Single Vehicle	0	0	0	0	0.0
21. Rear End	77	12	0	89	13.6
22. Sideswipe - Same Direction	7	1	0	8	1.2
23. Passing - Left Turn	0	0	0	0	0.0
24. Passing - Right Turn	7	0	0	7	1.1
25. Other Multi-Vehicle Same Direction	1	0	0	1	0.2
31. Head-On	5	4	0	9	1.4
32. Sideswipe - Opposite Direction	22	3	0	25	3.8
33. Left Turn Across Path	9	3	0	12	1.8
34. Right Turn Including Conflict	5	1	0	6	0.9
35. Right Angle	71	7	0	78	11.9
36. Other Multi-Vehicle Opposite Direction	14	1	0	15	2.3
41. Hit Parked Vehicle	222	4	0	226	34.5
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
Total	564	88	3	655	100.0

*Collision Configurations



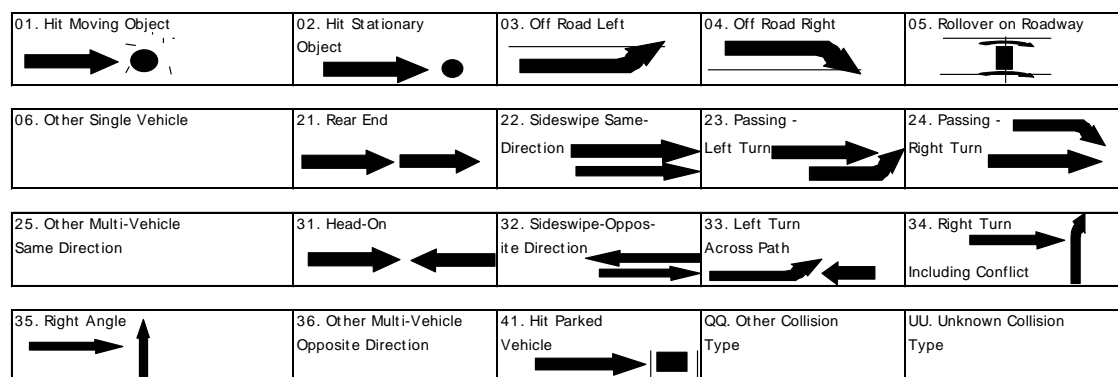
Environmental Factors – Section 4

Collisions by Configuration and Road System

Figure 4.7

Configuration*	NWT Highways	In Communities	Rural	Total	% of Total
01. Hit Moving Object					
a) With Bison	12	0	0	12	1.8
b) With Other Animal	4	1	0	5	0.8
c) With Pedestrian	1	14	0	15	2.3
d) Other	0	0	0	0	0.0
02. Hit Stationary Object	10	35	0	45	6.9
03. Off Road Left					
a) With Rollover	25	2	0	27	4.1
b) No Rollover	14	5	0	19	2.9
04. Off Road Right					
a) With Rollover	28	1	0	29	4.4
b) No Rollover	16	5	0	21	3.2
05. Rollover on Roadway	5	1	0	6	0.9
06. Other Single Vehicle	0	0	0	0	0.0
21. Rear End	9	80	0	89	13.6
22. Sideswipe - Same Direction	1	7	0	8	1.2
23. Passing - Left Turn	0	0	0	0	0.0
24. Passing - Right Turn	1	6	0	7	1.1
25. Other Multi-Vehicle Same Direction	0	1	0	1	0.2
31. Head-On	2	7	0	9	1.4
32. Sideswipe - Opposite Direction	12	13	0	25	3.8
33. Left Turn Across Path	1	11	0	12	1.8
34. Right Turn Including Conflict	0	6	0	6	0.9
35. Right Angle	2	75	1	78	11.9
36. Other Multi-Vehicle Opposite Direction	0	15	0	15	2.3
41. Hit Parked Vehicle	0	222	4	226	34.5
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
Total	143	507	5	655	100.0

*Collision Configurations



Environmental Factors – Section 4

Collisions by Collision Site and Severity

Figure 4.8

Collision Site	Property Damage	Personal Injury	Fatal	Total	%
Non-Intersection	224	50	3	277	42.3
Intersection - Two Public Roadways	120	23	0	143	21.8
Intersection - Parking Lot, Driveway	141	8	0	149	22.7
Railroad Level Crossing	0	1	0	1	0.2
Bridge, Overpass, Viaduct	2	1	0	3	0.5
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	70	5	0	75	11.5
Unknown	7	0	0	7	1.1
Total	564	88	3	655	100.0

Collisions by Collision Site and Road System

Figure 4.9

Collision Site	NWT Highways	In Communities	Rural	Total	%
Non-Intersection	119	156	2	277	42.3
Intersection - Two Public Roadways	16	127	0	143	21.8
Intersection - Parking Lot, Driveway	3	143	3	149	22.7
Railroad Level Crossing	1	0	0	1	0.2
Bridge, Overpass, Viaduct	3	0	0	3	0.5
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	1	74	0	75	11.5
Unknown	0	7	0	7	1.1
Total	143	507	5	655	100.0

Collisions by Roadway Alignment and Severity

Figure 4.10

Road Alignment	Property Damage	Personal Injury	Fatal	Total	%
Straight & Level	439	62	2	503	76.8
Straight with Grade	30	5	1	36	5.5
Curved and Level	33	9	0	42	6.4
Curve with Grade	30	6	0	36	5.5
Top of Hill or Grade	4	1	0	5	0.8
Bottom of Hill or Grade	10	2	0	12	1.8
Other	1	0	0	1	0.2
Unknown	17	3	0	20	3.1
Total	564	88	3	655	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	9	1	0	10	1.5
One-Way, Multi Lane	0	1	0	1	0.2
Undivided, Two-Way, Two Lane	336	73	3	412	62.9
Undivided, Two-Way, Multi Lane	40	2	0	42	6.4
Divided, Barrier Median	1	0	0	1	0.2
Divided with Median, No Barrier	21	4	0	25	3.8
Divided, Divider Unspecified	0	0	0	0	0.0
Other	151	7	0	158	24.1
Unknown	6	0	0	6	0.9
Total	564	88	3	655	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	2	0	0	2	0.3
Hit Building	3	0	0	3	0.5
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	1	3	0	4	0.6
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	2	0	0	2	0.3
Hit Utility Pole, Lamp Pole	1	0	0	1	0.2
Hit Curb	1	0	0	1	0.2
Hit Post	7	0	0	7	1.1
Hit Traffic Barrier	1	0	0	1	0.2
Hit Fixed Object Part of Road Structure	1	2	0	3	0.5
Hit Fixed Object NOT Part of Road Structure	5	0	0	5	0.8
Hit Other Type Fixed Object	1	0	0	1	0.2
Sub Total Fixed Objects	25	5	0	30	4.6
Moveable Objects					
Another Road Vehicle	440	36	0	476	72.7
Bison	12	0	0	12	1.8
Other Animal	4	1	0	5	0.8
Pedestrian	1	14	0	15	2.3
Other Moveable Object	0	0	0	0	0.0
Sub Total Moveable Objects	457	51	0	508	77.6
Non-Collision Events					
Ran Off Road	34	0	0	34	5.2
Rollover	37	23	2	62	9.5
Jack Knife or Trailer Swing	0	0	0	0	0.0
Fire or Explosion	0	0	0	0	0.0
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	0	0	0	0.0
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	71	23	2	96	14.7
Other/Unknown Event	11	9	1	21	3.2
Grand Total	564	88	3	655	100.0

Environmental Factors – Section 4

Collision Sequence of Events by Road System

Figure 4.13

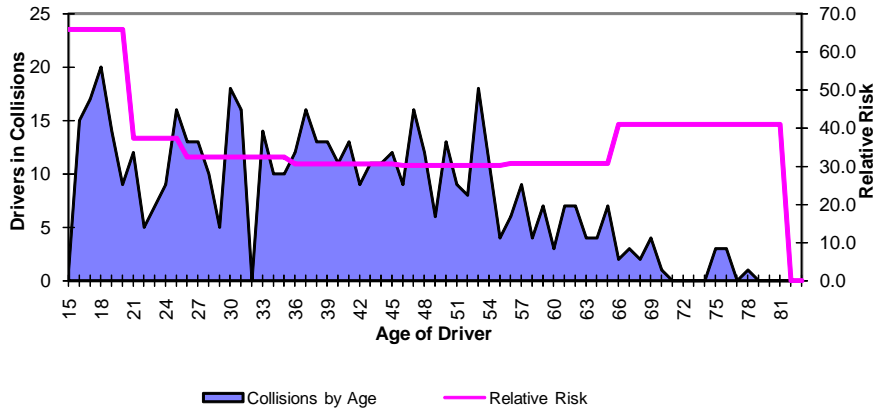
	NWT Highways	In Communities	Rural	Total	%
Non-Moving Objects					
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	0	2	0	2	0.3
Hit Building	0	3	0	3	0.5
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	1	3	0	4	0.6
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	0	2	0	2	0.3
Hit Utility Pole, Lamp Pole	1	0	0	1	0.2
Hit Curb	1	0	0	1	0.2
Hit Post	0	7	0	7	1.1
Hit Traffic Barrier	0	1	0	1	0.2
Hit Fixed Object Part of Road Structure	2	1	0	3	0.5
Hit Fixed Object NOT Part of Road Structure	0	5	0	5	0.8
Hit Other Type Fixed Object	1	0	0	1	0.2
Sub Total Fixed Objects	6	24	0	30	4.6
Moveable Objects					
Another Road Vehicle	28	443	5	476	72.7
Bison	12	0	0	12	1.8
Other Animal	4	1	0	5	0.8
Pedestrian	1	14	0	15	2.3
Other Moveable Object	0	0	0	0	0.0
Sub Total Moveable Objects	45	458	5	508	77.6
Non-Collision Events					
Ran Off Road	0	0	0	0	0.0
Rollover	58	4	0	62	9.5
Jack Knife or Trailer Swing	0	0	0	0	0.0
Fire or Explosion	0	0	0	0	0.0
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	0	0	0	0.0
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	58	4	0	62	9.5
Unknown Event	34	21	0	55	8.4
Grand Total	143	507	5	655	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	144	1,405	2,279	5,620	5,983	5,341	2,805	855	0	24,432
Drivers in Collisions	18	84	85	182	183	161	86	35	94	928

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	49.7	33.8	26.9	26.4	25.7	27.5	38.6	32.8
Personal Injury & Fatal	16.1	3.5	5.5	4.2	4.5	3.2	2.3	5.2
Total	65.8	37.3	32.4	30.6	30.1	30.7	40.9	38.0
Relative Risk*	1.7	1.0	0.9	0.8	0.8	0.8	1.1	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 1.7 times more likely to be involved in a collision than the average driving population. On average, 7% of 15 to 19 year olds were involved in collisions, compared to 3% 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.

Figure 5.3
Number of Drivers Involved in Collisions by Licence Class and Age

Age Group	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 7 Req'd.	Class Not	Not	Total
Under 16	0	0	0	0	0	0	1	11	6	0	18
16	0	0	0	0	14	0	0	0	2	0	16
17	0	0	0	0	19	0	0	1	2	0	22
18	1	0	0	0	16	0	0	0	2	2	21
19	0	0	0	0	23	0	0	0	2	0	25
20	0	0	0	0	12	0	1	0	0	1	14
21-24	2	0	2	1	54	0	5	1	1	5	71
25-34	16	2	6	11	128	1	5	7	2	4	182
35-44	20	3	4	21	125	0	1	4	2	3	183
45-54	27	1	7	14	106	0	2	0	2	2	161
55-64	7	2	3	7	63	0	1	0	0	3	86
65 and over	3	0	0	5	23	0	0	1	1	2	35
Not Stated	0	0	0	0	0	0	0	0	0	94	94
Drivers in Collisions	76	8	22	59	583	1	16	25	22	116	928
Total Licensed Drivers	1,340	210	690	1,158	19,242	2	1,790	N/A	N/A	N/A	24,432
Relative Risk*	1.49	1.00	0.84	1.34	0.80	13.16	0.24	N/A	N/A	N/A	1.00

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

Figure 5.4
Number of Drivers Involved in Collisions by Condition and Age

Driver Condition	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Apparently Normal	6	10	18	17	19	11	55	143	157	138	69	29	2	674	72.6
Fatigued, Fell Asleep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Inexperience	8	4	0	2	1	1	2	7	2	1	2	0	0	30	3.2
Under Influence - Alcohol	3	0	2	0	3	1	5	13	6	7	1	1	2	44	4.7
Under Influence - Drugs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0	0	0	0	0	1	1	1	0	3	0.3
Other Condition	0	0	0	0	0	0	1	1	0	1	1	0	0	4	0.4
Unknown	1	2	2	2	2	1	8	18	18	13	12	4	90	173	18.6
Total	18	16	22	21	25	14	71	182	183	161	86	35	94	928	
%	1.9	1.7	2.4	2.3	2.7	1.5	7.7	19.6	19.7	17.3	9.3	3.8	10.1		100.0

Number of Drivers Involved In Collisions by Driver Action and Age

Figure 5.5

Driver Action	< 16 16 17 18 19 20 21-24 25-34 35-44 45-54 55-64 65+											Not Stated		Total	%
	18	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated		
Driving Properly	0	1	3	3	5	4	18	49	65	67	29	6	2	252	27.2
Following Too Closely	0	2	2	1	2	0	2	12	4	5	2	1	0	33	3.6
Distracted, Inattentive	3	4	1	2	2	1	12	20	21	13	8	3	0	90	9.7
Driving Too Fast	2	4	9	6	5	2	7	24	13	12	9	1	2	96	10.3
Improper Turning or Passing	1	0	0	0	1	0	3	2	2	2	1	3	0	15	1.6
Failing to Yield Right of Way	2	0	1	0	1	1	1	4	4	4	2	2	0	22	2.4
Disobeying Traffic Control/Officer	3	0	0	0	1	0	1	1	2	0	0	0	0	8	0.9
Driving on Wrong Side of Road	1	0	0	0	0	0	1	0	1	0	0	0	0	3	0.3
Driving in Wrong Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Backing Unsafely	1	3	0	3	2	3	5	24	35	23	18	12	4	133	14.3
Lost Control	3	2	4	4	2	3	10	30	18	18	6	4	1	105	11.3
Other Driver Action	1	0	0	0	0	0	0	3	2	2	2	1	0	11	1.2
Unknown	1	0	2	2	4	0	11	13	16	15	9	2	85	160	17.2
Total	18	16	22	21	25	14	71	182	183	161	86	35	94	928	
%	1.9	1.7	2.4	2.3	2.7	1.5	7.7	19.6	19.7	17.3	9.3	3.8	10.1	100.0	

Vehicle Factors – Section 6

Number of Vehicles in Collisions by Vehicle Type and Severity

Figure 6.1

Vehicle Type	Property Damage	Personal Injury	Fatal	Total	%
Passenger Car	289	35	0	324	28.4
Passenger Van	89	4	0	93	8.1
Light Utility Vehicle	130	17	0	147	12.9
Pickup Truck	346	39	3	388	34.0
Panel/Cargo Van	23	2	0	25	2.2
Other Truck/Van <= 4536 kg	5	1	0	6	0.5
Unit Truck > 4536 kg	13	1	0	14	1.2
Road Tractor	24	5	0	29	2.5
School Bus	2	0	0	2	0.2
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	2	0	0	2	0.2
Intercity Bus	0	0	0	0	0.0
Bus - Unspecified	0	0	0	0	0.0
Motorcycle	1	1	0	2	0.2
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	1	5	0	6	0.5
Bicycle	0	5	0	5	0.4
Motor Home	1	0	0	1	0.1
Farm Equipment	0	1	0	1	0.1
Construction Equipment	2	0	0	2	0.2
Fire Engine	0	0	0	0	0.0
Snowmobile	9	11	0	20	1.8
Streetcar	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	74	1	0	75	6.6
Total	1011	128	3	1142	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	819	94	2	915	80.1
Defective Brakes	1	2	0	3	0.3
Defective Steering	1	0	0	1	0.1
Defective Lighting	1	0	0	1	0.1
Tire Blown Out	2	2	0	4	0.4
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	2	0	0	2	0.2
Visibility Obstructed	8	0	0	8	0.7
Other Defective Vehicular Parts	7	1	0	8	0.7
Other Vehicular Factor	0	0	0	0	0.0
Unknown	170	29	1	200	17.5
Total	1011	128	3	1142	100.0

Vehicle Factors – Section 6

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 6.3

Vehicle Manoeuvre	Property Damage	Personal Injury	Fatal	Total	%
Going Straight Ahead	252	70	3	325	28.5
Turning Left	53	6	0	59	5.2
Turning Right	41	5	0	46	4.0
Making U-Turn	3	0	0	3	0.3
Changing Lanes	2	0	0	2	0.2
Merging	0	0	0	0	0.0
Reversing	142	4	0	146	12.8
Overtaking	0	3	0	3	0.3
Negotiating Curve	48	13	0	61	5.3
Slowing or Stopped in Traffic	143	19	0	162	14.2
Starting in Traffic	2	1	0	3	0.3
Leaving Roadside	1	0	0	1	0.1
Stopped/Parked Legally	217	4	0	221	19.4
Stopped/Parked Illegally	10	0	0	10	0.9
Swerving to Avoid Collision	17	2	0	19	1.7
Run-away or Roll-away Vehicle	4	1	0	5	0.4
Unspecified Manoeuvre	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	76	0	0	76	6.7
Total	1011	128	3	1142	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

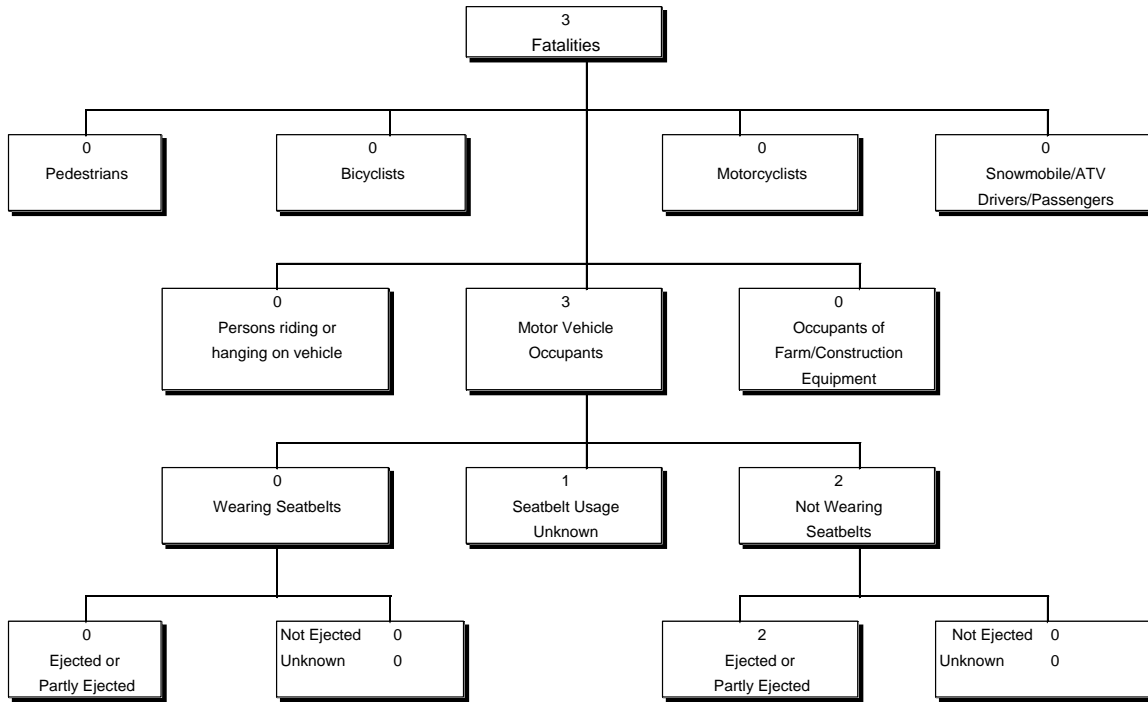
Figure 6.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
2007	6	2	0	8	0.7
2006	91	10	0	101	8.8
2005	96	10	1	107	9.4
2004	86	21	1	108	9.5
2003	110	10	1	121	10.6
2002	73	1	0	74	6.5
2001	68	13	0	81	7.1
2000	55	8	0	63	5.5
1999	63	5	0	68	6.0
1998	38	10	0	48	4.2
1997	39	6	0	45	3.9
1996	25	1	0	26	2.3
1995 & Older	176	18	0	194	17.0
Unspecified	85	13	0	98	8.6
Total	1011	128	3	1142	100.0

Victims and Occupant Restraints – Section 7

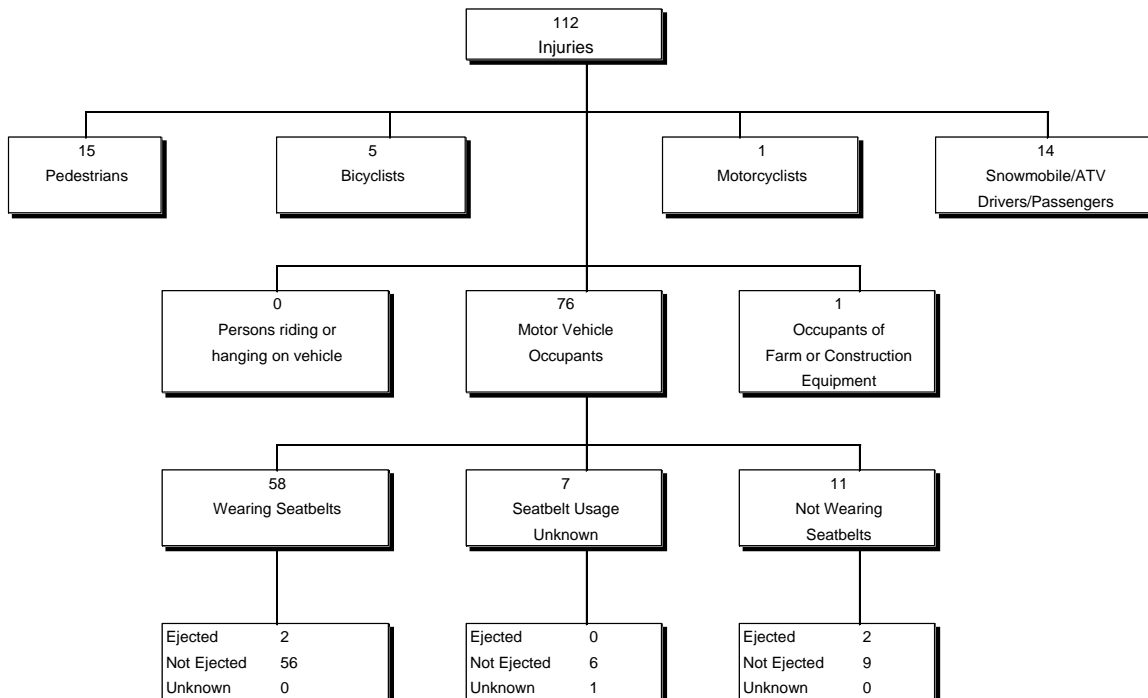
Fatalities Classification
(January 1 to December 31, 2006)

Figure 7.1



Injuries Classification
(January 1 to December 31, 2006)

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	5	4	14	9	8	3	0	1	44	39.3
Motor Vehicle Passenger	1	5	6	2	4	4	2	3	1	4	32	28.6
Pedestrian	0	3	1	0	3	2	1	2	2	1	15	13.4
Bicyclist	0	4	0	0	0	1	0	0	0	0	5	4.5
Motorcyclist (includes passengers)	0	0	0	0	1	0	0	0	0	0	1	0.9
ATV Operators & Passengers	0	0	3	0	1	1	0	0	0	0	5	4.5
Snowmobile Operators & Passengers	0	3	2	0	2	1	0	0	1	0	9	8.0
Farm/Construction Equipment	0	0	0	0	0	0	0	0	1	0	1	0.9
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	1	15	17	6	25	18	11	8	5	6	112	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	2	0	0	0	2	66.7
Motor Vehicle Passenger	0	0	0	0	0	0	0	0	1	0	1	33.3
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	2	0	1	0	3	100.0

Persons Injured or Killed by Road User Class and Gender

Figure 7.5

Road User Class	Persons Injured				Persons Killed			
	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Motor Vehicle Driver	28	16	0	44	2	0	0	2
Motor Vehicle Passenger	14	18	0	32	0	1	0	1
Pedestrian	10	5	0	15	0	0	0	0
Bicyclist	4	1	0	5	0	0	0	0
Motorcyclist (includes passengers)	1	0	0	1	0	0	0	0
ATV Operators & Passengers	3	2	0	5	0	0	0	0
Snowmobile Operators & Passengers	7	2	0	9	0	0	0	0
Farm/Construction Equipment	1	0	0	1	0	0	0	0
Other	0	0	0	0	0	0	0	0
Unspecified	0	0	0	0	0	0	0	0
Total	68	44	0	112	2	1	0	3

Victims and Occupant Restraints – Section 7

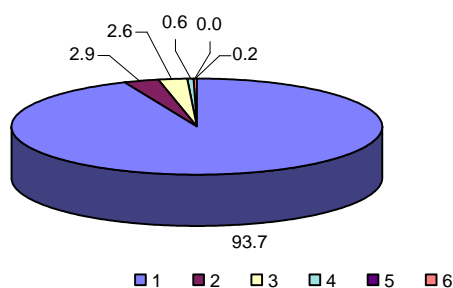
Motor Vehicle* Occupants by Injury Severity and Restraint Use

Figure 7.6

Injury Severity	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Restraint Use Unknown	Total	%
Not Injured	51	19	833	20	340	1263	94.0
Minimal Injuries	4	1	26	0	3	34	2.5
Minor Injuries	4	1	22	1	3	31	2.3
Major (Hospital Admission)	2	0	6	0	0	8	0.6
Fatal	2	0	0	0	1	3	0.2
Injured - Extent Unknown	1	1	1	0	1	4	0.3
Total	64	22	888	21	348	1343	100.0

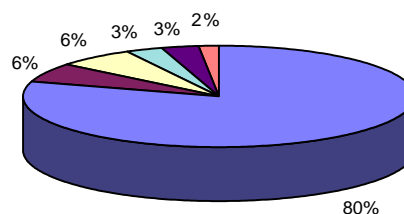
* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Restraints Used



Restraints Not Used

Figure 7.7



1. Not Injured 2. Minor 3. Moderate 4. Major 5. Fatal 6. Injured - extent unknown

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	55 to 64	65 & older	Stated	Total
Not Injured	25	38	97	78	151	158	141	65	24	95	872
Minimal Injuries	1	3	7	2	5	1	4	2	0	2	27
Minor Injuries	0	1	1	0	7	7	4	2	0	2	24
Major (Hospital Admission)	0	0	0	1	1	1	0	2	1	0	6
Fatal	0	0	0	0	0	0	0	0	0	0	0
Injured - Extent Unknown	0	0	0	0	0	0	1	0	1	0	2
Total	26	42	105	81	164	167	150	71	26	99	931

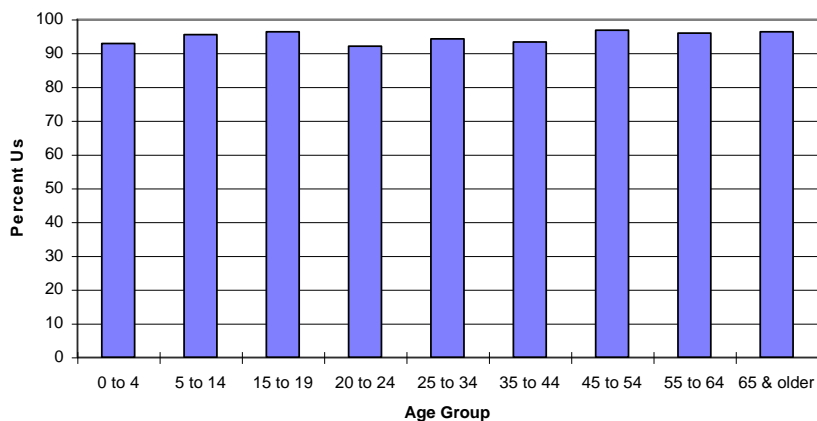
Restraints Not Used

	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	2	1	2	6	6	9	3	3	1	18	51
Minimal Injuries	0	0	0	1	1	2	0	0	0	0	4
Minor Injuries	0	0	2	0	1	1	0	0	0	0	4
Major (Hospital Admission)	0	1	0	0	1	0	0	0	0	0	2
Fatal	0	0	0	0	0	0	2	0	0	0	2
Injured - Extent Unknown	0	0	0	0	1	0	0	0	0	0	1
Total	2	2	4	7	10	12	5	3	1	18	64

* 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	3	1	0	3	2	1	2	2	1	1	15	100.0
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	3	1	0	3	2	1	2	2	1	1	15	
%	20.0	6.7	0.0	20.0	13.3	6.7	13.3	13.3	6.7	6.7	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	0	0	0	0	0	0	1	0	1	6.7
Crossing Intersection With Traffic Control, Without Right-of-Way	0	0	0	1	0	0	0	0	0	0	1	6.7
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	1	0	0	0	0	0	1	6.7
Crossing Roadway Not at Intersection	0	0	0	0	0	0	0	0	0	1	1	6.7
Walking Along Roadway Against Traffic	0	0	0	0	0	0	0	0	1	0	1	6.7
Walking Along Roadway With Traffic	0	0	0	0	0	0	1	0	0	0	1	6.7
On Sidewalk, Median, Safety Zone	0	1	0	0	0	0	0	0	0	0	1	6.7
Walking on Travelled Part of Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway With Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Coming from Behind Parked Vehicle/Object on Roadside	0	0	0	0	0	0	0	0	0	0	0	0.0
Coming from Behind Moving Vehicle	0	0	0	0	0	0	0	0	0	0	0	0.0
Running into Roadway	0	0	1	0	0	0	0	0	0	0	1	6.7
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	1	0	1	0	0	0	2	13.3
Playing on Roadway	0	1	0	0	0	0	0	0	0	0	1	6.7
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	1	0	0	1	6.7
Other	0	0	0	1	1	0	0	0	0	0	2	13.3
Unknown	0	1	0	0	0	0	0	0	0	0	1	6.7
Total	0	3	1	0	3	2	1	2	2	1	15	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	14	14	93.3
Rural	0	1	1	6.7
Unspecified	0	0	0	0.0
Total	0	15	15	100.0

Pedestrians Injured or Killed by Collision Site

Figure 8.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	4	4	26.7
At Intersection of At Least Two Roadways	0	3	3	20.0
Intersection With Parking Lot/Driveway/Alley	0	4	4	26.7
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	4	4	26.7
Unspecified	0	0	0	0.0
Total	0	15	15	100.0

Pedestrians Injured or Killed by Pedestrian Condition

Figure 8.5

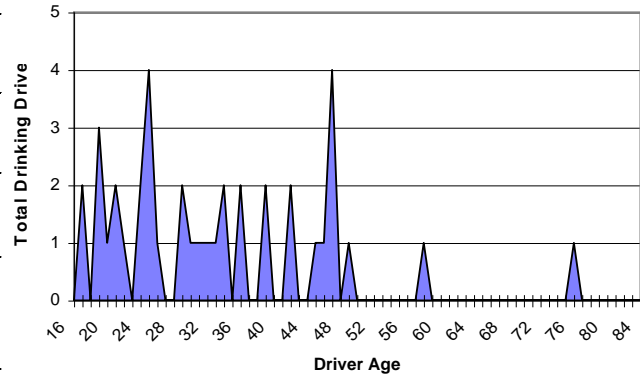
Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	8	8	53.3
Had Been Drinking	0	4	4	26.7
Impaired by Alcohol	0	0	0	0.0
Unknown	0	3	3	20.0
Total	0	15	15	100.0

Drinking Drivers in Collisions by Driver Age and Gender

Figure 9.1

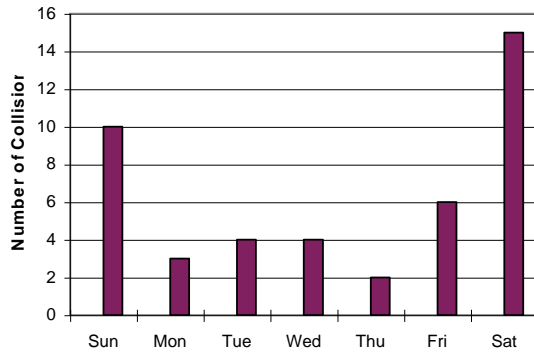
Driver Age	Male	Female	Not Stated	Total Drinking Drivers
Under 16	0	3	0	3
16	0	0	0	0
17	2	0	0	2
18	0	0	0	0
19	3	0	0	3
20	1	0	0	1
21 to 24	4	1	0	5
25 to 34	8	5	0	13
35 to 44	6	0	0	6
45 to 54	5	2	0	7
55 to 64	1	0	0	1
65 & Older	1	0	0	1
Not Stated	0	0	2	2
Total	31	11	2	44

Drinking Drivers by Driver Age



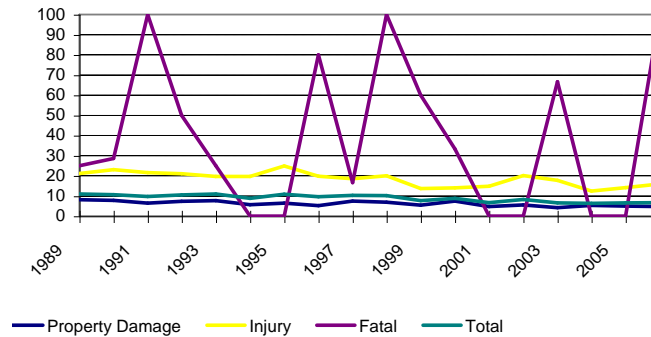
Collisions Involving Alcohol by Day of Week

Figure 9.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 9.3



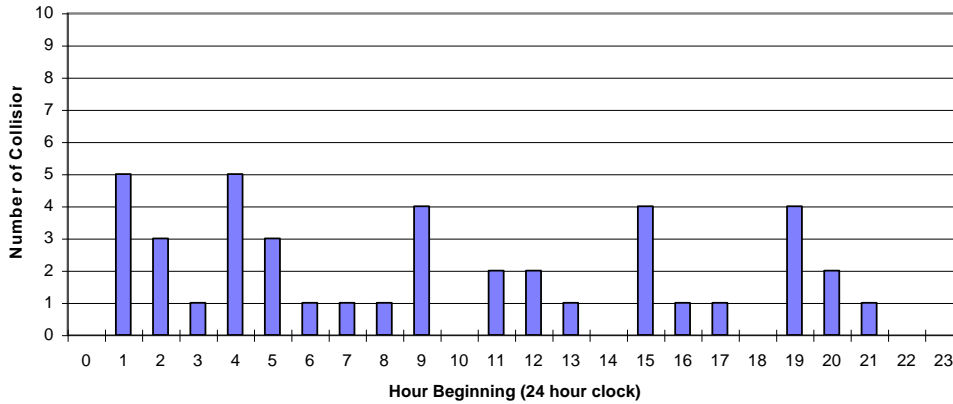
Number of Collisions and Victims Involving Alcohol

Figure 9.4

Year	Number of Collisions				% of Total Collisions	Number of Victims				% of Total Victims
	Property Damage	Personal Injury	Fatal	Total		Injured	Killed	Total		
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
2006	27	14	3	44	6.7	19	3	22		19.1
Average	32	22	2	55	8.0	38	2	40		19.8

Number of Alcohol Related Collisions by Time of Day

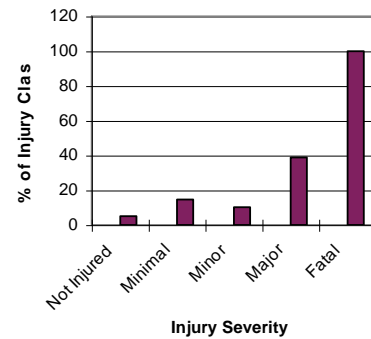
Figure 9.5



Injury Severity by Alcohol Involvement

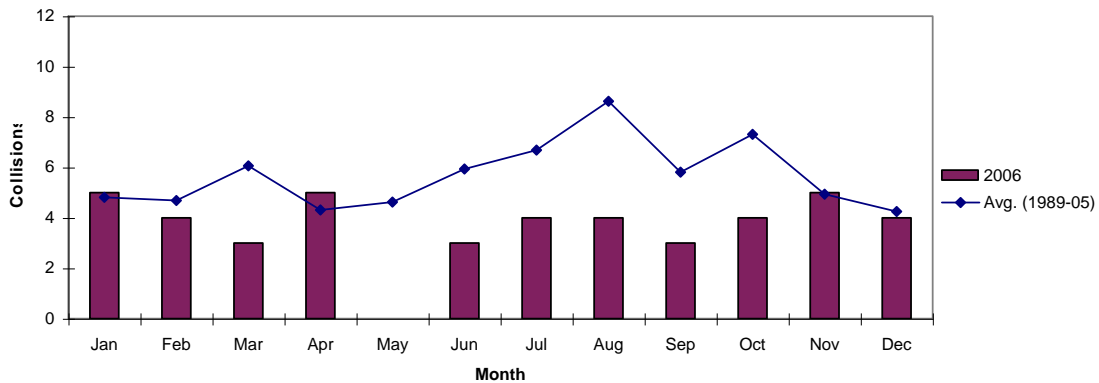
Figure 9.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	66	1,226	1292	5.1
Minimal Injuries	6	35	41	14.6
Minor	4	35	39	10.3
Major	7	11	18	38.9
Fatal	3	0	3	100.0
Injured - Extent Unknown	2	12	14	14.3
Total	88	1319	1407	6.3



Alcohol-Involved Collisions by Month

Figure 9.7



Off-Road Vehicle Collisions by Month and Severity

Figure 10.1

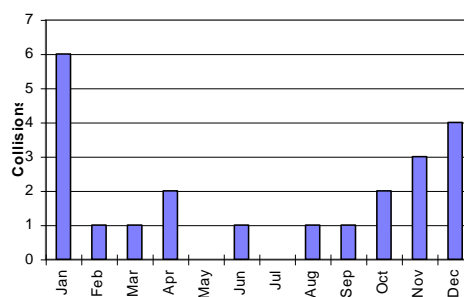
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	2	4	0	6	4	0
February	0	1	0	1	1	0
March	1	0	0	1	0	0
April	0	2	0	2	2	0
May	0	0	0	0	0	0
June	0	1	0	1	2	0
July	0	0	0	0	0	0
August	0	1	0	1	1	0
September	0	1	0	1	1	0
October	0	2	0	2	3	0
November	1	2	0	3	2	0
December	4	0	0	4	0	0
Total	8	14	0	22	16	0

Off-Road Vehicle Collisions by Vehicle Type

Figure 10.2

	Snowmobile	ATV	Total
Total Victims	9	5	14
Killed	0	0	0
Injured	9	5	14
Total Vehicles			
Involved	20	6	26
Fatal	0	0	0
Injury	11	5	16
Property Damage	9	1	10

Off-Road Vehicle Collisions by Month



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	5	1	0	0	0	0	6	23.1
15 to 19	2	0	0	1	2	0	5	19.2
20 to 24	0	1	0	1	0	0	2	7.7
25 to 34	5	2	0	0	0	0	7	26.9
35 to 44	3	0	0	1	0	0	4	15.4
45 to 54	0	0	0	0	0	0	0	0.0
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	1	0	0	1	0	0	2	7.7
Unknown	0	0	0	0	0	0	0	0.0
Total	16	4	0	4	2	0	26	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	5	8	0	13	50.0
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	1	3	0	4	15.4
Under Influence - Alcohol	3	4	0	7	26.9
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0.0
Other Condition	0	0	0	0	0.0
Unknown	1	1	0	2	7.7
Total	10	16	0	26	100.0

Off-Road Vehicle Collisions by Severity and Driver Action

Figure 10.5

Driver Action	Property Damage	Personal Injury	Fatal	Total	%
Driving Properly	2	0	0	2	7.7
Following Too Closely	0	0	0	0	0.0
Distracted, Inattentive	0	6	0	6	23.1
Driving Too Fast for Conditions	2	5	0	7	26.9
Improper Turning or Passing	1	0	0	1	3.8
Failed to Yield Right-of-Way	3	1	0	4	15.4
Disobeyed Traffic Control or Officer	0	0	0	0	0.0
Driving on Wrong Side of Road	1	0	0	1	3.8
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	1	0	0	1	3.8
Lost Control	0	2	0	2	7.7
Other	0	0	0	0	0.0
Unknown	0	2	0	2	7.7
Total	10	16	0	26	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	19	5	25	64.1
Minimal Injuries	1	2	0	3	7.7
Minor Injuries	1	1	1	3	7.7
Major (Hospital Admission)	1	2	0	3	7.7
Fatal	0	0	0	0	0.0
Injured - Extent Unknown	1	3	1	5	12.8
Total	5	27	7	39	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	4	1	0	5	1	0
Deline	0	1	0	1	2	0
Fort Good Hope	5	2	0	7	3	0
Fort McPherson	6	4	1	11	6	1
Holman	0	2	0	2	3	0
Inuvik	49	5	0	54	6	0
Norman Wells	8	0	0	8	0	0
Sachs Harbour	0	0	0	0	0	0
Tuktoyaktuk	9	1	0	10	1	0
Tulita	6	3	0	9	3	0
Sub Total						
Inuvik Region	87	19	1	107	25	1

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	5	0	0	5	0	0
Fort Simpson	21	4	0	25	7	0
Sub Total						
Fort Simpson Region	26	4	0	30	7	0

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	61	13	1	75	17	1
Fort Providence	19	5	0	24	8	0
Fort Resolution	3	3	0	6	4	0
Fort Smith	23	4	0	27	4	0
Lutsel K'e	0	0	0	0	0	0
Sub Total						
South Slave Region	106	25	1	132	33	1

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Behchoko/Wha Ti	17	8	1	26	10	1
Yellowknife	328	32	0	360	37	0
Sub Total						
North Slave Region	345	40	1	386	47	1

Total - All Regions	564	88	3	655	112	3
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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 (2006 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Aklavik	5	166	133	597	3.01	3.76	0.84
Deline	1	179	92	543	0.56	1.09	0.18
Fort Good Hope	7	207	152	727	3.38	4.61	0.96
Fort McPherson	11	302	283	972	3.64	3.89	1.13
Uluksaktok	2	72	86	416	2.78	2.33	0.48
Inuvik	54	1,861	2,740	3,354	2.90	1.97	1.61
Norman Wells	8	488	834	849	1.64	0.96	0.94
Sachs Harbour	0	33	39	123	0.00	0.00	0.00
Tuktoyaktuk	10	326	287	1,288	3.07	3.48	0.78
Tulita	9	171	138	510	5.26	6.52	1.76
Sub Total							
Inuvik Region	107	3,805	4,784	9,379	2.81	2.24	1.14

B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2006 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Fort Liard	5	236	258	591	2.12	1.94	0.85
Fort Simpson	25	857	1,082	1,663	2.92	2.31	1.50
Sub Total							
Fort Simpson Region	30	1,093	1,340	2,254	2.74	2.24	1.33

C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2006 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Hay River	75	2,825	4,942	4,077	2.65	1.52	1.84
Fort Providence	24	242	376	814	9.92	6.38	2.95
Fort Resolution	6	229	305	505	2.62	1.97	1.19
Fort Smith	27	1,444	2,022	2,396	1.87	1.34	1.13
Lutsel K'e	0	90	82	400	0.00	0.00	0.00
Sub Total							
South Slave Region	132	4,830	7,727	8,192	2.73	1.71	1.61

D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2006 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Behchoko/Whati	26	984	952	2,927	2.64	2.73	0.89
Yellowknife	360	13,720	16,861	18,912	2.62	2.14	1.90
Sub Total							
North Slave Region	386	14,704	17,813	21,839	2.63	2.17	1.77

Total - All Regions	655	24,432	31,664	41,861	2.68	2.07	1.56
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[1] Number of registered vehicles and licensed drivers are as of December 31, 2006.

[2] 2006 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2007.

Geographic Distribution – Section 11

Collisions on the NWT Highway System

Figure 11.3

Highway #1	On Km Collision			Collision	Collision	# Persons	# Persons	
(Mackenzie)	Date			Severity	Configuration	Injured	Killed	
	0.0	7	Nov 2006	Property Damage	Rear End	0	0	
	15.0	10	Jul 2006	Property Damage	Ran Off Road - Right	0	0	
	28.0	22	Oct 2006	Property Damage	Single Vehicle Rollover	0	0	
	53.0	15	Mar 2006	Injury	Rear End	1	0	
	56.0	28	Jul 2006	Injury	Ran Off Road - Left	2	0	
	60.0	16	Jan 2006	Injury	Single Vehicle Rollover	1	0	
	72.0	6	Jan 2006	Injury	Single Vehicle Rollover	1	0	
	83.8	5	Jan 2006	Property Damage	Single Vehicle Rollover	0	0	
	151.0	5	Nov 2006	Property Damage	Sideswipe - Opposite Direction	0	0	
	170.0	14	Apr 2006	Property Damage	Ran Off Road - Left	0	0	
	173.0	6	Jul 2006	Property Damage	Ran Off Road - Right	0	0	
	174.0	14	Jan 2006	Property Damage	Single Vehicle Rollover	0	0	
	174.0	14	Jan 2006	Property Damage	Rear End	0	0	
	190.0	16	Mar 2006	Property Damage	Ran Off Road - Right	0	0	
	274.0	7	Feb 2006	Property Damage	Ran Off Road - Right	0	0	
	283.0	22	Apr 2006	Injury	Single Vehicle Rollover	2	0	
	307.0	25	Oct 2006	Property Damage	Ran Off Road - Right	0	0	
	321.0	29	May 2006	Property Damage	Ran Off Road - Left	0	0	
	332.0	31	Mar 2006	Property Damage	Ran Off Road - Right	0	0	
	370.0	20	Nov 2006	Property Damage	Single Vehicle Rollover	0	0	
	471.3	4	Mar 2006	Injury	Single Vehicle Rollover	1	0	
	502.5	12	Dec 2006	Property Damage	Single Vehicle Rollover	0	0	
	513.0	19	Oct 2006	Injury	Single Vehicle Rollover	3	0	
	676.0	19	Jan 2006	Property Damage	Single Vehicle Rollover	0	0	
Summary Highway #1	Property Damage Collisions	Personal Injury Collisions		Fatal Collisions		Total Collisions	Persons Injured	Persons Killed
	17	7		0		24	11	0
Highway #2 (Hay River)	On Km	Collision Date		Collision Severity	Collision Configuration		# Persons Injured	# Persons Killed
	29.0	3	Jan 2006	Property Damage	Single Vehicle Rollover		0	0
	30.0	10	Apr 2006	Injury	Single Vehicle Rollover		1	0
	33.0	23	Jan 2006	Property Damage	Ran Off Road - Left		0	0
	38.7	13	Dec 2006	Property Damage	Head-on		0	0
	38.8	31	Aug 2006	Property Damage	Rear End		0	0
	38.8	14	Nov 2006	Injury	Sideswipe - Same Direction		1	0
	39.5	20	Jan 2006	Property Damage	Passing - Right Turn		0	0
	39.7	13	Jan 2006	Property Damage	Collision with Fixed Object		0	0
	39.7	14	Jan 2006	Property Damage	Collision with Fixed Object		0	0
	41.1	6	Nov 2006	Property Damage	Sideswipe - Opposite Direction		0	0
	42.2	17	Jun 2006	Injury	Single Vehicle Rollover		1	0
	43.9	13	Dec 2006	Property Damage	Right Angle		0	0
	45.4	26	Feb 2006	Property Damage	Single Vehicle Rollover		0	0
Summary Highway #2	Property Damage Collisions	Personal Injury Collisions		Fatal Collisions		Total Collisions	Persons Injured	Persons Killed
	10	3		0		13	3	0

Geographic Distribution – Section 11

Highway #3 (Yellowknife)	On Km Collision		Collision Severity	Collision Configuration	# Persons	
	Date				Injured	Killed
	5.0	26 May 2006	Injury	Single Vehicle Rollover	1	0
	13.0	4 Jan 2006	Injury	Single Vehicle Rollover	1	0
	14.0	6 Dec 2006	Property Damage	Single Vehicle Rollover	0	0
	40.0	4 Aug 2006	Property Damage	Collision with Bison	0	0
	41.0	22 Nov 2006	Property Damage	Collision with Bison	0	0
	43.0	8 Nov 2006	Property Damage	Collision with Bison	0	0
	46.0	22 Dec 2006	Property Damage	Collision with Bison	0	0
	50.0	20 Sep 2006	Property Damage	Single Vehicle Rollover	0	0
	54.0	25 Mar 2006	Property Damage	Collision with Bison	0	0
	61.0	11 Aug 2006	Injury	Sideswipe - Opposite Direction	1	0
	61.0	19 Sep 2006	Property Damage	Collision with Bison	0	0
	110.0	21 Oct 2006	Property Damage	Collision with Bison	0	0
	116.0	10 Aug 2006	Injury	Single Vehicle Rollover	3	0
	118.0	5 Oct 2006	Property Damage	Collision with Bison	0	0
	151.0	23 Nov 2006	Injury	Rear End	1	0
	161.0	10 Jan 2006	Injury	Single Vehicle Rollover	1	0
	199.0	1 Nov 2006	Property Damage	Collision with Bison	0	0
	205.5	4 Jan 2006	Property Damage	Collision with Bison	0	0
	225.0	26 Sep 2006	Property Damage	Collision with Bison	0	0
	226.8	16 Nov 2006	Injury	Rear End	2	0
	260.0	18 Jan 2006	Injury	Single Vehicle Rollover	1	0
	268.0	17 Dec 2006	Property Damage	Single Vehicle Rollover	0	0
	273.0	29 Jan 2006	Injury	Single Vehicle Rollover	2	0
	273.0	2 Mar 2006	Property Damage	Single Vehicle Rollover	0	0
	292.0	6 Dec 2006	Injury	Collision with Other Animal	1	0
	293.0	12 Jul 2006	Property Damage	Rear End	0	0
	299.0	29 Jan 2006	Property Damage	Ran Off Road - Right	0	0
	300.0	25 Dec 2006	Property Damage	Single Vehicle Rollover	0	0
	310.0	15 Jul 2006	Injury	Single Vehicle Rollover	1	0
	329.0	29 Jan 2006	Property Damage	Ran Off Road - Right	0	0
	329.0	21 Oct 2006	Property Damage	Ran Off Road - Right	0	0
	330.0	29 Mar 2006	Property Damage	Single Vehicle Rollover	0	0
	337.0	6 Feb 2006	Property Damage	Single Vehicle Rollover	0	0
	338.6	16 Oct 2006	Property Damage	Right Angle	0	0
	338.7	15 Apr 2006	Property Damage	Single Vehicle Rollover	0	0
	338.8	17 Mar 2006	Property Damage	Ran Off Road - Left	0	0

Summary Highway #3	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	25	11	0	36	15	0

Geographic Distribution – Section 11

Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	20 Jul 2006	Property Damage	Collision with Fixed Object	0	0
	1.0	11 Jan 2006	Property Damage	Collision with Fixed Object	0	0
	2.0	15 Apr 2006	Property Damage	Collision with Fixed Object	0	0
	2.0	20 Apr 2006	Property Damage	Ran Off Road - Right	0	0
	4.0	23 Feb 2006	Injury	Rear End	1	0
	6.5	14 Nov 2006	Property Damage	Ran Off Road - Right	0	0
	10.0	8 Nov 2006	Property Damage	Ran Off Road - Right	0	0
	13.0	10 Sep 2006	Injury	Sideswipe - Opposite Direction	1	0
	13.5	17 Jun 2006	Property Damage	Rear End	0	0
	19.0	10 Mar 2006	Property Damage	Sideswipe - Opposite Direction	0	0
	32.1	9 Mar 2006	Property Damage	Single Vehicle Rollover	0	0
	34.0	4 Mar 2006	Injury	Sideswipe - Opposite Direction	1	0
	40.0	4 Mar 2006	Property Damage	Ran Off Road - Right	0	0

Summary Highway #4	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	10	3	0	13	3	0

Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	8.0	21 Apr 2006	Property Damage	Single Vehicle Rollover	0	0
	37.0	29 Oct 2006	Fatal	Single Vehicle Rollover	0	1
	96.0	29 Sep 2006	Property Damage	Collision with Bison	0	0
	114.0	28 Dec 2006	Property Damage	Single Vehicle Rollover	0	0
	133.0	26 Feb 2006	Property Damage	Collision with Other Animal	0	0
	148.0	11 Feb 2006	Property Damage	Single Vehicle Rollover	0	0
	160.0	27 Apr 2006	Property Damage	Ran Off Road - Right	0	0
	168.0	12 Sep 2006	Property Damage	Collision with Other Animal	0	0
	190.0	23 Jun 2006	Injury	Single Vehicle Rollover	1	0
	230.0	31 May 2006	Property Damage	Single Vehicle Rollover	0	0
	250.0	5 Sep 2006	Property Damage	Collision with Other Animal	0	0
	260.0	13 Nov 2006	Injury	Single Vehicle Rollover	1	0
	265.9	25 Aug 2006	Injury	Single Vehicle Rollover	1	0

Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	9	3	1	13	3	1

Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	28.0	4 Jan 2006	Injury	Single Vehicle Rollover	2	0

Summary Highway #6	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	0	1	0	1	2	0

Geographic Distribution – Section 11

Highway #7 (Liard Highway)	On Km Collision			Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	2.5	21	Dec 2006	Property Damage	Single Vehicle Rollover	0	0
	53.0	17	Jan 2006	Property Damage	Ran Off Road - Left	0	0
	228.0	17	Apr 2006	Injury	Single Vehicle Rollover	1	0
	234.0	6	Sep 2006	Injury	Single Vehicle Rollover	2	0

Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	2	2	0	4	3	0

Highway #8 (Dempster Highway)	On Km Collision			Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	59.2	26	Aug 2006	Property Damage	Ran Off Road - Left	0	0
	69.0	5	Aug 2006	Injury	Single Vehicle Rollover	1	0
	74.4	4	Apr 2006	Property Damage	Ran Off Road - Right	0	0
	101.9	10	Mar 2006	Injury	Single Vehicle Rollover	1	0
	142.6	28	Jul 2006	Property Damage	Collision with Fixed Object	0	0
	155.0	3	Jul 2006	Property Damage	Single Vehicle Rollover	0	0
	173.5	19	Jan 2006	Fatal	Single Vehicle Rollover	2	1
	220.9	31	Jul 2006	Property Damage	Single Vehicle Rollover	0	0
	256.0	21	Aug 2006	Property Damage	Single Vehicle Rollover	0	0
	259.3	12	Feb 2006	Property Damage	Single Vehicle Rollover	0	0
	262.0	10	Oct 2006	Property Damage	Single Vehicle Rollover	0	0

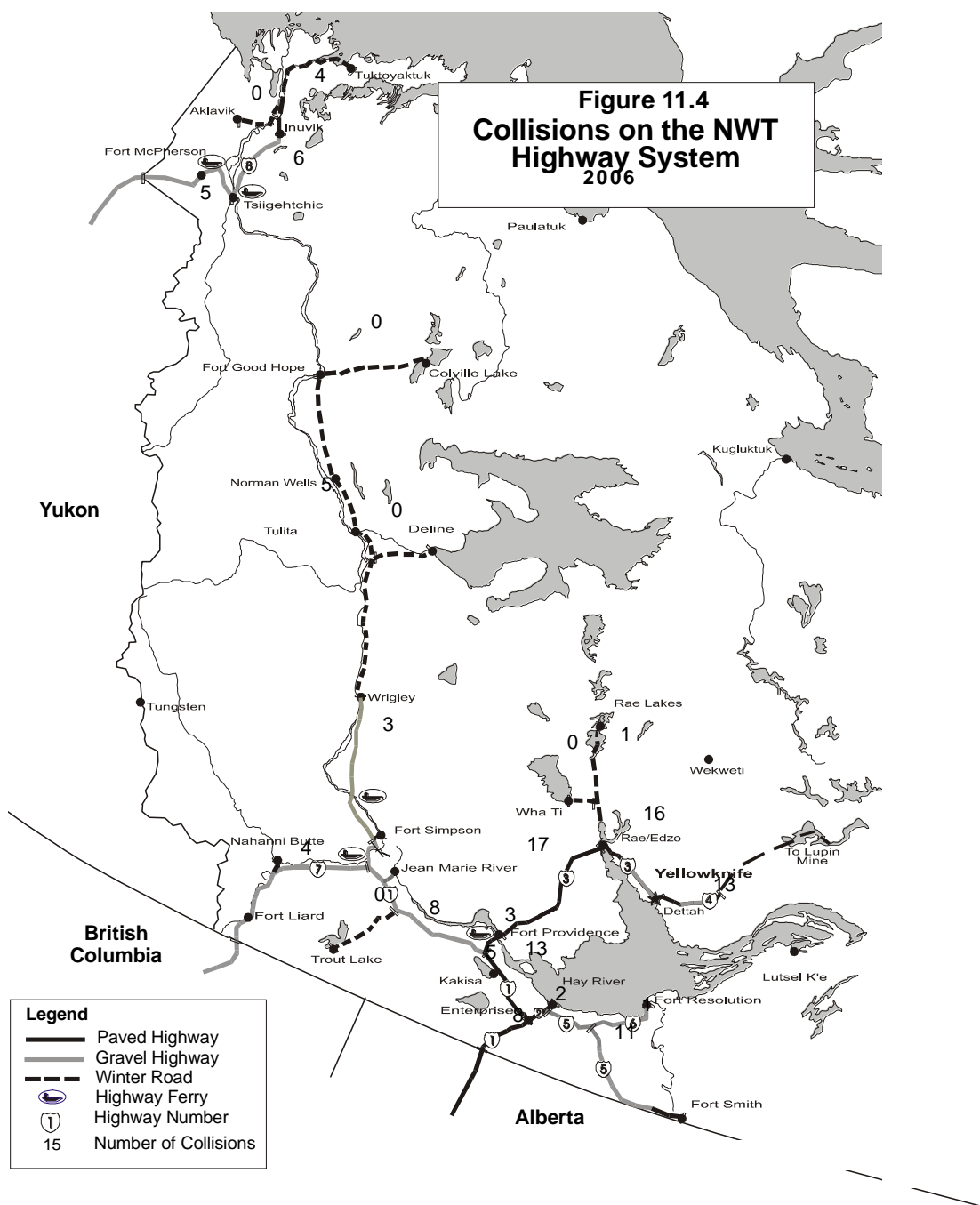
Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	8	2	1	11	4	1

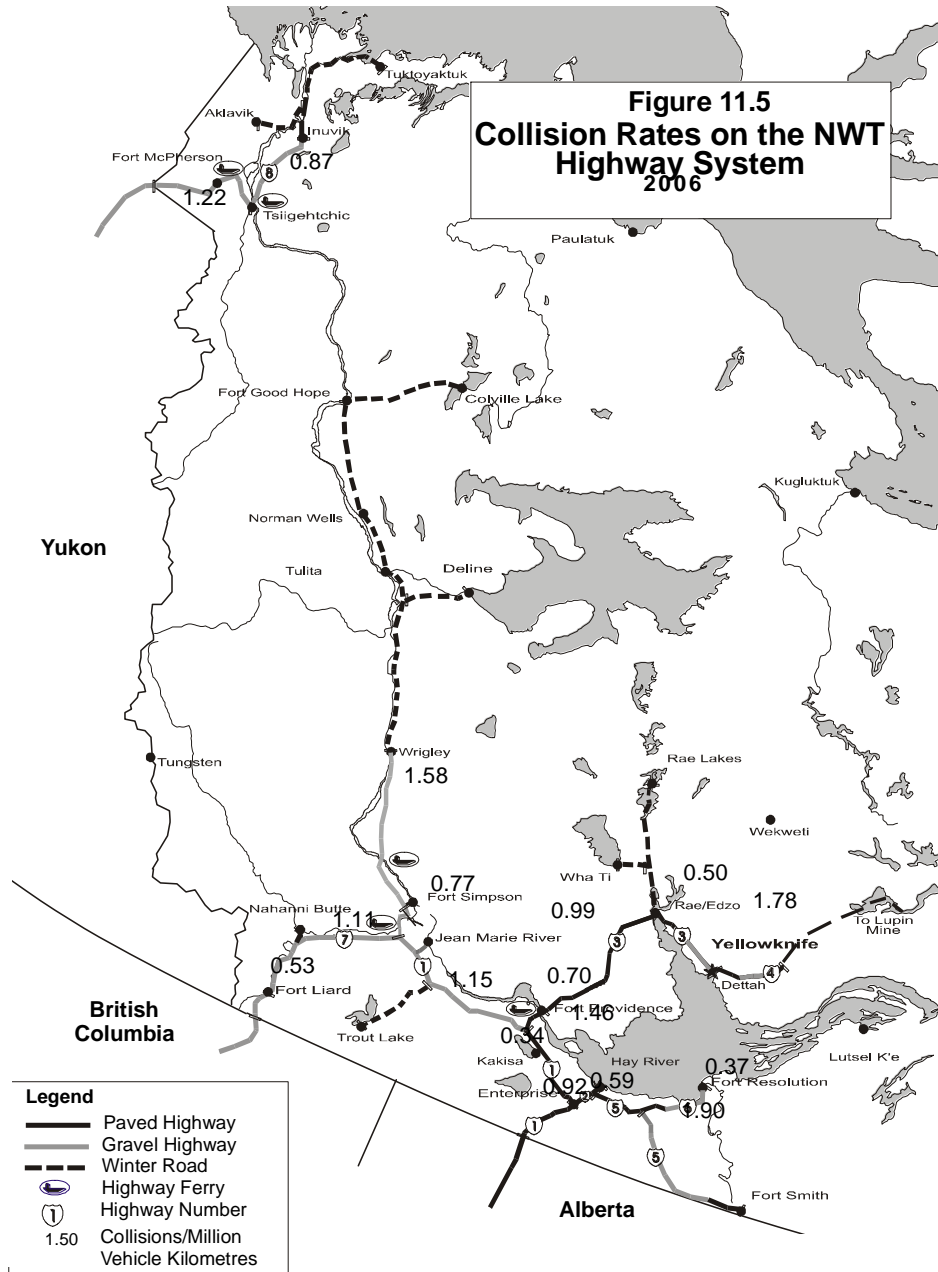
Geographic Distribution – Section 11

Access and Winter Roads		Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
Dettah Access Road	20	Feb 2006	Property Damage	Single Vehicle Rollover	0	0
Dettah Access Road	25	Oct 2006	Property Damage	Single Vehicle Rollover	0	0
Fort Simpson Access Road	28	Jul 2006	Property Damage	Collision with Fixed Object	0	0
Hay River Reserve Access Road	15	Jul 2006	Property Damage	Single Vehicle Rollover	0	0
Hay River Reserve Access Road	15	Oct 2006	Injury	Collision with Pedestrian	1	0
Kakisa Lake Access Road	15	Aug 2006	Injury	Ran Off Road - Left	4	0
Rae Access Road	28	Jan 2006	Property Damage	Ran Off Road - Left	0	0
Rae Access Road	10	Apr 2006	Injury	Collision with Fixed Object	1	0
Rae Access Road	14	Jul 2006	Fatal	Ran Off Road - Left	0	1
Rae Access Road	13	Nov 2006	Property Damage	Single Vehicle Rollover	0	0
Vee Lake Access Road	15	Jan 2006	Property Damage	Sideswipe - Opposite Direction	0	0
Vee Lake Access Road	3	Feb 2006	Property Damage	Sideswipe - Opposite Direction	0	0
Vee Lake Access Road	8	Apr 2006	Injury	Head-on	2	0
Vee Lake Access Road	10	Sep 2006	Injury	Left Turn Across Path	1	0
Vee Lake Access Road	5	Nov 2006	Property Damage	Ran Off Road - Right	0	0
Yellowknife Access Road	11	Oct 2006	Property Damage	Collision with Fixed Object	0	0
Dettah Winter Access Road	23	Mar 2006	Property Damage	Single Vehicle Rollover	0	0
Dettah Winter Access Road	8	Apr 2006	Injury	Single Vehicle Rollover	1	0
Inuvik-tuktoyaktuk Winter Road	28	Jan 2006	Property Damage	Ran Off Road - Left	0	0
Inuvik-tuktoyaktuk Winter Road	3	Apr 2006	Property Damage	Sideswipe - Opposite Direction	0	0
Inuvik-tuktoyaktuk Winter Road	16	Apr 2006	Property Damage	Ran Off Road - Left	0	0
Inuvik-tuktoyaktuk Winter Road	25	Apr 2006	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	4	Feb 2006	Injury	Ran Off Road - Left	1	0
Mackenzie Highway Winter Road	15	Feb 2006	Property Damage	Ran Off Road - Left	0	0
Mackenzie Highway Winter Road	9	Mar 2006	Injury	Collision with Fixed Object	1	0
Mackenzie Highway Winter Road	10	Mar 2006	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	18	Mar 2006	Property Damage	Sideswipe - Opposite Direction	0	0
Rae Lakes Winter Access Road	8	Apr 2006	Property Damage	Sideswipe - Opposite Direction	0	0

Summary Access and Winter Roads	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	19	8	1	28	12	1

Summary All NWT Highways	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	100	40	3	143	56	3





Casualty Rates by Canadian Jurisdiction - 2005 [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	9.1	652.7	9.3	668.0	13.3	960.2
Newfoundland & Labrador	8.3	456.0	9.8	537.1	12.7	693.6
Prince Edward Island	10.9	543.8	11.3	565.7	15.8	789.5
Nova Scotia	7.7	523.8	7.1	487.7	11.0	750.8
New Brunswick	14.1	528.6	13.6	508.5	20.0	751.0
Quebec	9.3	752.3	10.6	871.2	14.7	1,212.4
Ontario	6.3	570.1	6.3	571.5	9.0	816.0
Manitoba	9.6	737.0	10.3	788.4	16.2	1,246.6
Saskatchewan	14.8	690.5	13.2	612.8	21.8	1,012.9
Alberta	14.3	752.4	10.6	555.1	19.1	1,003.4
British Columbia	10.8	675.6	13.9	873.3	15.8	987.7
Yukon	19.4	626.0	12.3	396.4	25.5	823.8
Northwest Territories	4.7	437.4	5.4	511.3	6.9	644.6
Nunavut	6.7	240.1	N/A	N/A	N/A	N/A

[1] Canadian Motor Vehicle Traffic Collision Statistics: 2005. 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 On Km				7 W 8 N 9 E 10 S 11 U				1. Original 2. Continuation 3. Amendment 4. Correction				1. Complete 2. Incomplete			
At Intersection With Of Highway Number Or Street/Road/Avenue				21. Rear End 22. Sideswipe Same Direction 23. Passing Left Turn 24. Passing Right Turn 25. Other Multi-Vehicle Same Direction 31. Head-On				04. SCENE ATTENDED 1. Yes 2. No				05. - 08. DATE OF COLLISION			
If Not At Intersection, metres of Street, Highway, Town, Etc. N S E W				26. Other Multi-Vehicle Opposite Direction				10. COLLISION SEVERITY 1. Fatal 2. Injury 3. Property Damage 4. Other				15. HIT AND RUN 1. Yes 2. No			
Special Reference If Location Can Be Described More Precisely, Enter Here				27. Left Turn Across Path 28. Right Turn Across Path 29. Right Angle Collision				11. NO. VEHICLES				12. NO. INJURED			
14. TYPE 01. H&M Moving Object 02. H&M Stationary Object 03. Off Road Left 04. Off Road Right 05. Roll-over on Roadway 06. Other Single Vehicle				29. VEH. SEQUENCE 29. VEH. SEQUENCE 30. TOTAL OCCUPANTS 30. TOTAL OCCUPANTS				43. FIRST IMPACT LOCATION				42. DAMAGE SEVERITY			
LAST NAME FIRST NAME(S)				LAST NAME FIRST NAME(S)				11 12 13 14 15 16 17 18 19 20				1. None 2. Minimal 3. Moderate 4. Severe 5. Demolished 6. Other U. Unknown			
ADDRESS				ADDRESS				61. POSITION				62. EJECTION			
DATE OF BIRTH SEX HOME PHONE WORK PHONE				DATE OF BIRTH SEX HOME PHONE WORK PHONE				63. EJECTION LOCATION				64. MEDICAL TREATMENT REQUIRED			
DRIVER'S LICENCE # 59. PROV. STATE 60. CLASS 61. Years Licensed				DRIVER'S LICENCE # 59. PROV. STATE 60. CLASS 61. Years Licensed				65. SAFETY EQUIPMENT				66. PROPER USE			
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				67. AIR BAG DEPLOYED				68. OTHER			
34. YEAR MAKE/MODEL				34. YEAR MAKE/MODEL				69. OTHER				69. OTHER			
LICENCE PLATE # EXP 32. PROV. VIN U. Unknown				LICENCE PLATE # EXP 32. PROV. VIN U. Unknown				69. OTHER				69. OTHER			
LAST NAME FIRST NAME(S)				LAST NAME FIRST NAME(S)				69. OTHER				69. OTHER			
ADDRESS SAME AS ABOVE				ADDRESS SAME AS ABOVE				69. OTHER				69. OTHER			
HOME PHONE WORK PHONE				HOME PHONE WORK PHONE				69. OTHER				69. OTHER			
INSURANCE COMPANY ADDRESS				INSURANCE COMPANY ADDRESS				69. OTHER				69. OTHER			
POLICY NUMBER EXPIRY DATE				POLICY NUMBER EXPIRY DATE				69. OTHER				69. OTHER			
20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unk.				20. Veh. Seq. # 54. Person Seq. # 55. Sex F. Female M. Male U. Unk.				69. OTHER				69. OTHER			
56. Age 00 < 1 Yr. 61. Position 62. Ejection 63. Ejection Location 64. Medical Treatment Required 65. Safety Equipment 66. Proper Use 67. Air Bag Deployed				56. Age 00 < 1 Yr. 61. Position 62. Ejection 63. Ejection Location 64. Medical Treatment Required 65. Safety Equipment 66. Proper Use 67. Air Bag Deployed				69. OTHER				69. OTHER			
Officer's Signature				Name Rank Date Reviewed				69. OTHER				69. OTHER			
Reviewed By:				Reviewed By:				69. OTHER				69. OTHER			

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	31. VEHICLE TYPE 11. Urban Transit Bus 12. Motorcity Bus 13. Motorcycle 14. Motorcycle - Speed Limited 15. Off-Road Vehicle 16. Bicycle 17. Purpose-Built 18. Farm Equipment 19. Construction Equipment 20. Snowmobile 21. Other UU, Unknown	41. VEHICLE MANOEUVRE 01. Going Straight 02. Turning Left 03. Turning Right 04. Making U-Turn 05. Changing Lanes 06. Merging 07. Reversing 08. Overtaking 09. Negotiating Curve 10. Slowing, Stopping 11. Starting In Traffic 12. Leaving Roadside 13. Stopped/Parked Legally 14. Stopped/Parked Illegally 15. Swerving To Avoid Collision 16. Run-Away Or Roll Away Vehicle 21. Unspecified Manoeuvre 22. 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 28. Backing Unsafely 29. Lost Control 30. Driving Properly 31. Other UU, Unknown	68. PEDESTRIAN ACTION 01. Crossing Intersection With ROW 02. Crossing Intersection Without ROW 03. In Crosswalk 04. Crossing Roadway At Midblock 05. Walking On Roadway Against Traffic 06. Walking On Roadway With Traffic 07. On Sidewalk, Median, Safety Zone 08. Coming From Behind Parked Vehicle/Object 09. Coming From Behind Moving Vehicle 10. Running Into Roadway 11. Getting On/Off School Bus 12. Pushing Vehicle 13. Working On Vehicle 14. Playing On Road 15. Working On Road 16. Lying On Road 17. Not a Pedestrian 18. 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. Ambulance 07. Hearse 08. Tow Truck 09. Delivery Vehicle 10. Road Maintenance 11. Utilities Maintenance 12. Fire Response 13. No Special Use 14. Other 15. Unknown	44 - 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 35. NN, No 2nd or 3rd Event 36. Other UU, Unknown	49. VEHICLE FACTORS 41. Defective Brakes 42. Defective Steering 43. Defective Lights 44. Tire Blown Out 45. Unsecured Or Spilled Load 46. Oversized Load, Overload 47. Visibility Obstructed 48. Other Defective Parts 49. NN, No Defects 50. 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 56. NN, No Environmental Factors 57. Other UU, Unknown	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. Curved With Grade 3. Curved And Level 4. Curved With Grade 5. Top Of Hill/Gradient 6. Bottom Of Hill/Gradient 7. Other 8. Unknown	37. EMERGENCY USE 1. Yes 2. No 3. NN, Not an Emergency Vehicle 4. Other 5. 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 9. Three Semi-Trailers 10. NN, No Trailers 11. Other 12. Unknown	51. 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 10. NN, Not a Commercial Vehicle 11. Other UU, Unknown	52. DANGEROUS GOODS CLASS 1. Fully/Partially Loaded 2. Not Loaded 3. NN, Not a Commercial Vehicle 4. Other UU, Unknown	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. Signals and/or Gates 16. Rail X-ing, Signs Only 17. Unspec. Control Device 18. No Control Present 19. Other 20. 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 6. Other 7. Unknown	40. VEHICLE SPEED 000. Stopped In Traffic 001. NN, Parked 002. NN, Apparently Normal 003. Other UU, Unknown	53. LOAD STATUS 1. Fully/Partially Loaded 2. Not Loaded 3. NN, Not a Commercial Vehicle 4. Other UU, Unknown	54. BLOOD ALCOHOL CONCENTRATION 100-500 BAC (mg%) of Driver 1. Not Tested, Driver/Pedestrian Dead, Alcohol Use Suspected 2. Not Tested Due To Injury, Alcohol Use Suspected 3. Not Tested - Other Reasons, Alcohol Use Suspected 4. NN, No Alcohol Suspected 5. NN, Passenger 6. UU, UU, Unknown	POLICE COMMENTS PROPOSED ACTION

Appendix A3 – Brief Description of Fatal Collisions

The following is a brief description of the three fatal traffic collisions that took place in the Northwest Territories in 2006, resulting in three fatalities.

RCMP Detachment	Date	Description
Fort McPherson	19-Jan	Single vehicle rollover involving pickup truck near Km 174 on Highway #8. The truck was travelling well over posted speed limit when alcohol-impaired, unrestrained driver lost control. The driver was ejected and sustained fatal injuries. The two unrestrained passengers remained in the pickup and suffered minor injuries.
Behchoko	14-Jul	A pickup truck ran off the Rae Access Road, approximately 2 kilometres north of Highway #3 and submerged in a small pond. The driver was impaired by alcohol. The right front elderly passenger sustained fatal injuries. The driver and two other passengers were not injured.
Hay River	29-Oct	Single vehicle rollover involving pickup truck near Km 37 on Highway #5. The unrestrained driver was totally ejected. Speed, alcohol and icy road surface were contributing factors.