

## 2011 NWT Traffic Collision Facts



Department of Transportation  
Road Licensing and Safety Division  
August 2012

### **Acknowledgements**

This report was prepared by the Department of Transportation, Government of the Northwest Territories.

If you have any comments or questions related to the content of this report, please contact the Road Licensing and Safety Division by telephone at (867) 873-7972.

## 2011 QUICK FACTS REPORT

### 2011 Compared to 2010

	<u>2010</u>	<u>2011</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	498	613	23.1
PERSONAL INJURY COLLISIONS	84	84	0.0
FATAL COLLISIONS	3	-	-100.0
TOTAL REPORTED COLLISIONS	585	697	19.1
NUMBER OF PERSONS KILLED	3	-	-100.0
NUMBER OF PERSONS INJURED	113	109	-3.5
NWT HIGHWAY SYSTEM COLLISIONS	113	124	9.7
RURAL COLLISIONS	8	8	0.0
COLLISIONS IN COMMUNITIES	464	565	21.8
REGISTERED VEHICLES	33,688	32,391	-3.9
LICENSED DRIVERS	24,785	24,691	-0.4
NWT POPULATION [1]	43,759	43,675	-0.2
COLLISIONS PER 100 LICENSED DRIVERS	2.36	2.82	19.6
COLLISIONS PER 100 REGISTERED VEHICLES	1.74	2.15	23.9
COLLISIONS PER 100 POPULATION	1.34	1.60	19.4
COLLISIONS INVOLVING ALCOHOL	29	30	3.4

[1] 2010 and 2011 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2012.

### 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*.

This publication contains information regarding impaired driving, unsafe speed, young and old drivers, the use of occupant restraints and how these factors may affect the severity of a collision. This report is organized in twelve sections. The contents of each section are described below.

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### Section 1 - Historical Trends

This section illustrates the 23-year history of collisions, victims and licensed drivers and vehicles. There were a total of 697 collisions reported in 2011, a 19 percent increase from 2010. 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 are subject to year-to-year fluctuations. There were no traffic fatalities reported in 2011, the first time in the history of the Traffic Collision Information System. The 109 persons injured in 2011 is less than the 23-year average.

### Section 2 - Time of Occurrence

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

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

### Section 3 - Major Contributing Factors

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

Driver condition is more than twice as prevalent in injury and fatal collisions (11%) than in all collisions (5%). Driver error accounts for 79% of all factors in collisions, as compared to vehicular (1%) and environmental (3%).

### **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 2011, 1,001 drivers were involved in 697 collisions. This is an average of 1.44 drivers per collision. Details on driver age, gender, condition, action and class of licence is presented.

Of particular interest and concern is the over-representation of young drivers in collisions. Drivers aged 15 to 20 years are nearly twice as likely to be involved in a collision than drivers aged 35 to 44 years. On August 1, 2005, the Graduated Driver Licensing Program was introduced to make the process of learning to drive a safer experience. New drivers are required to go through three stages to obtain a full Class 5 licence:

#### **Stage 1 – Learner Class 7**

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

#### **Conditions**

- A Learner must drive with a fully licensed driver, who has a minimum of 24 months experience with a full Class 5 license.
- 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.
- A Learner must have a 0 BAC.
- A Learner is subject to a lower demerit point threshold.

#### **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.
- A Probationary Driver must have a 0 BAC.
- A Probationary Driver is subject to a lower demerit point threshold.

### 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 1,222 vehicles involved in 697 collisions in 2011. This is an average of 1.75 vehicles per collision. This section provides details on the different vehicle types involved in collisions.

## Section 7 - Victims and Occupant Restraints

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

Of interest is the relationship between the severity of injury to motor vehicle occupants and seat belt use. The severity of injury is lower for victims using seat belts. In the Northwest Territories, only 7% of victims wearing seat belts were injured. On the other hand, 21% 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. Based on a survey conducted on behalf of Transport Canada in 2010, approximately 98% of children were restrained in the Northwest Territories. The survey further estimated that only 56% of these children were 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 2011:

- 14 pedestrians were injured;
- no pedestrians were killed;
- 14% of the pedestrians injured were under the age of 15;
- 93% of pedestrians were injured within a community;
- none of the pedestrians were noted to have had been drinking or 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.
- Novice 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 24 hours, are then given a 7 day temporary driver's permit and then further 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 2011, there were 30 collisions involving alcohol, resulting in 8 persons being injured. There were no alcohol-related fatalities in 2011. These figures are significantly below the 23-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:

- 50% of off-road vehicle collisions resulted in injuries;
- 33% of off-road vehicle drivers involved in collisions are 24 years of age or younger;
- 17% of off-road vehicle drivers in collisions had been drinking or were impaired by alcohol;
- none of off-road vehicle drivers or passengers in collisions were known to be wearing helmets;
- 57% 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. 62% of collisions took place in the North Slave Region. The North Slave Region also accounted for 43% of persons injured.

A map detailing collisions that occurred on the NWT Highway system is shown on Page 42. Highway 3 (Yellowknife Highway) accounted for 29% of collisions occurring on the eight numbered highways.

### **Section 12 – National Comparison**

This section compares injury and fatality rates for Canadian jurisdictions for the 2010 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 three of the six indicators.



**Definitions**

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

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

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

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

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

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

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

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

**ROADWAY** - any highway, secondary road, rural road, street, avenue, parkway, lane, alley or bridge designed and intended for, or used by, the general public for the passage of vehicles and pedestrians. This includes sidewalks, boulevards and the immediate right-of-way adjacent to and parallel with the roadway. It also includes winter/ice roads, trails, privately maintained roads, driveways and parking lots on which the general public may travel.

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

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

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

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

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

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

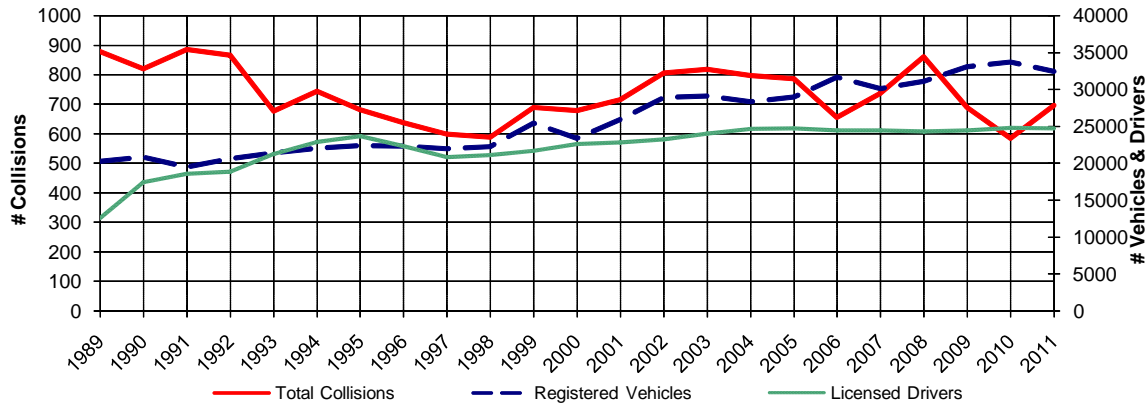
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## Trends in Licensed Drivers, Registered Vehicles and Collisions

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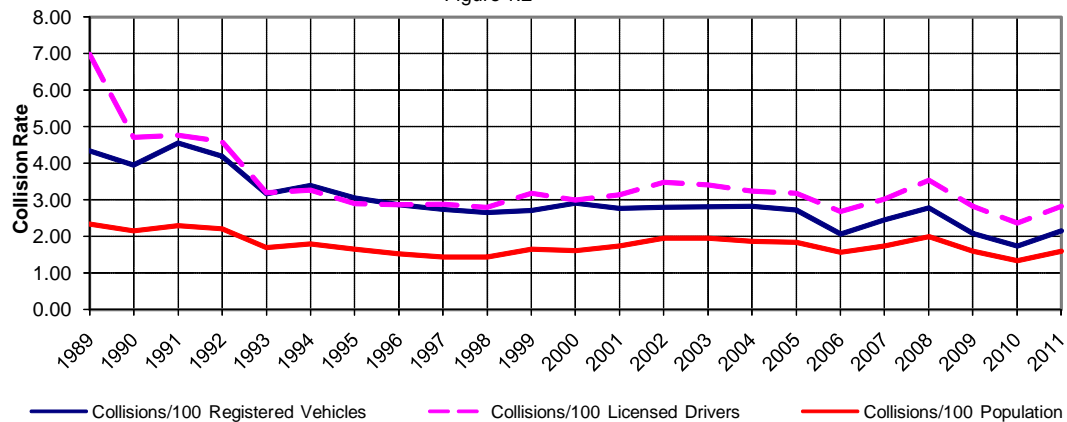


### 3 Year Summary

	2009	2010	2011	% Change
Registered Vehicles	33,036	33,688	32,391	-3.9
Licensed Drivers	24,449	24,785	24,691	-0.4
Total Collisions	689	585	697	19.1

## Trends in Collision Rates by Vehicles, Drivers and Population

Figure 1.2

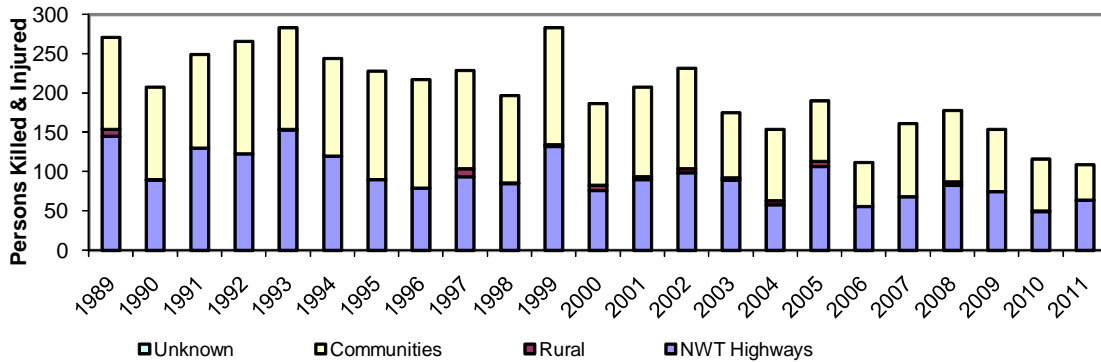


### 3 Year Summary

	2009	2010	2011	% Change
Collisions/100 Registered Vehicles	2.09	1.74	2.15	23.9
Collisions/100 Licensed Drivers	2.82	2.36	2.82	19.6
Collisions/100 Population	1.59	1.34	1.60	19.4

Trends in Injuries & Fatalities

Figure 1.3

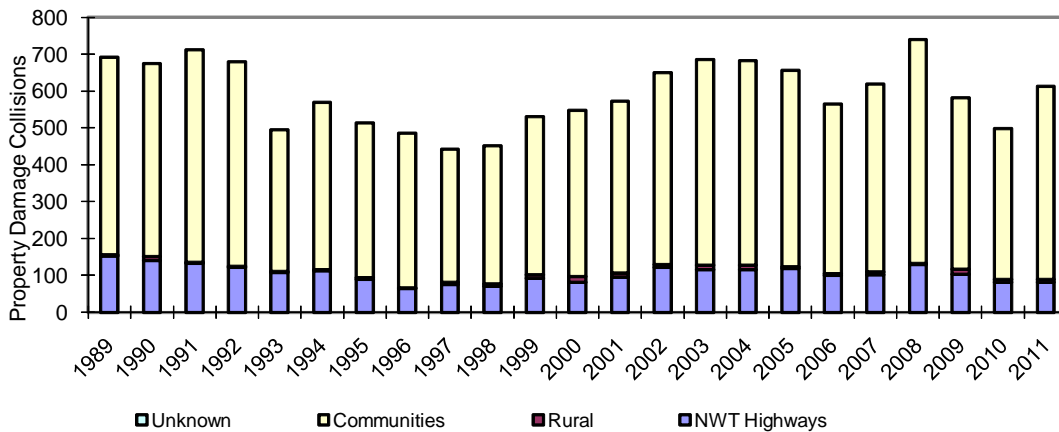


3 Year Summary

	Persons Injured				Persons Killed			
	2009	2010	2011	Average	2009	2010	2011	Average
NWT Highways	72	47	64	61	3	2	0	2
Rural	0	1	0	0	0	0	0	0
Communities	77	65	45	62	2	1	0	1
<b>Total</b>	<b>149</b>	<b>113</b>	<b>109</b>	<b>124</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>3</b>

Trends in Property Damage Collisions

Figure 1.4

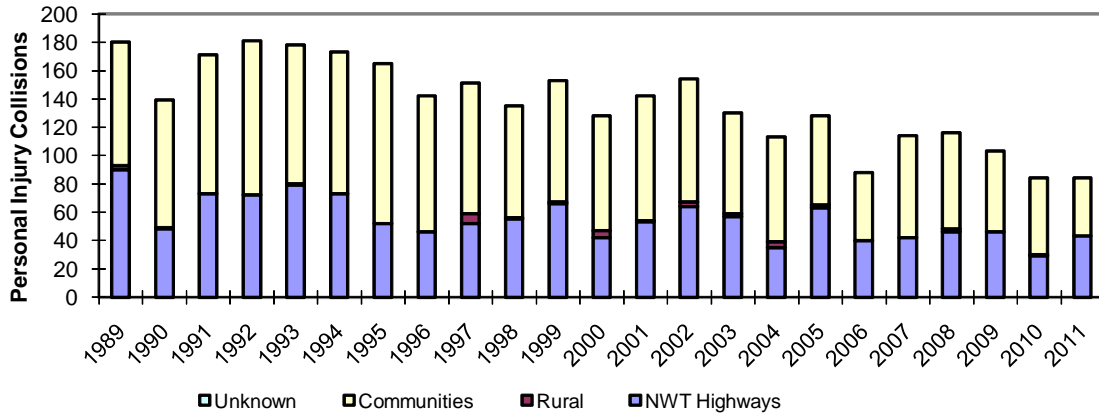


3 Year Summary

	Property Damage Collisions			
	2009	2010	2011	Average
NWT Highways	103	82	81	89
Rural	14	7	8	10
Communities	464	409	524	466
<b>Total</b>	<b>581</b>	<b>498</b>	<b>613</b>	<b>564</b>

Trends in Personal Injury Collisions

Figure 1.5

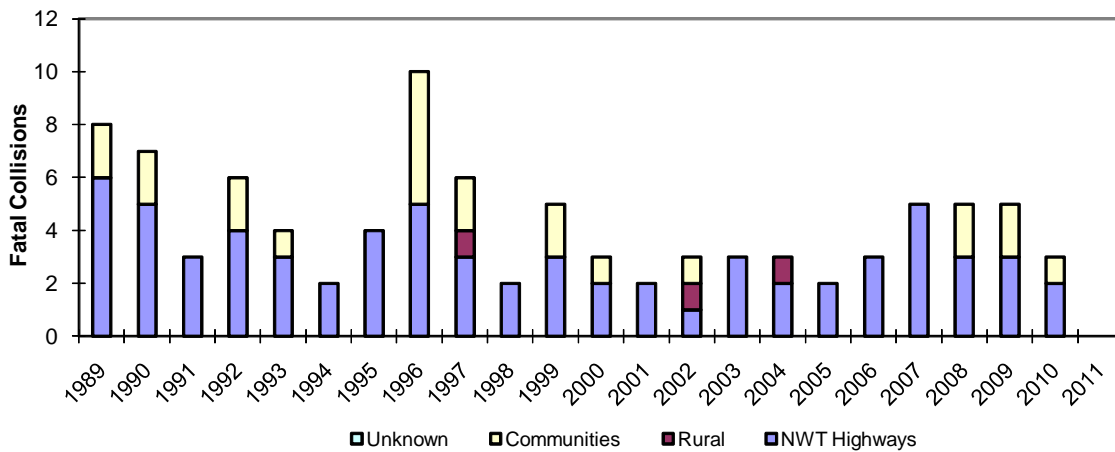


3 Year Summary

Personal Injury Collisions				
	2009	2010	2011	Average
NWT Highways	46	29	43	39
Rural	0	1	0	0
Communities	57	54	41	51
<b>Total</b>	<b>103</b>	<b>84</b>	<b>84</b>	<b>90</b>

Trends in Fatal Collisions

Figure 1.6



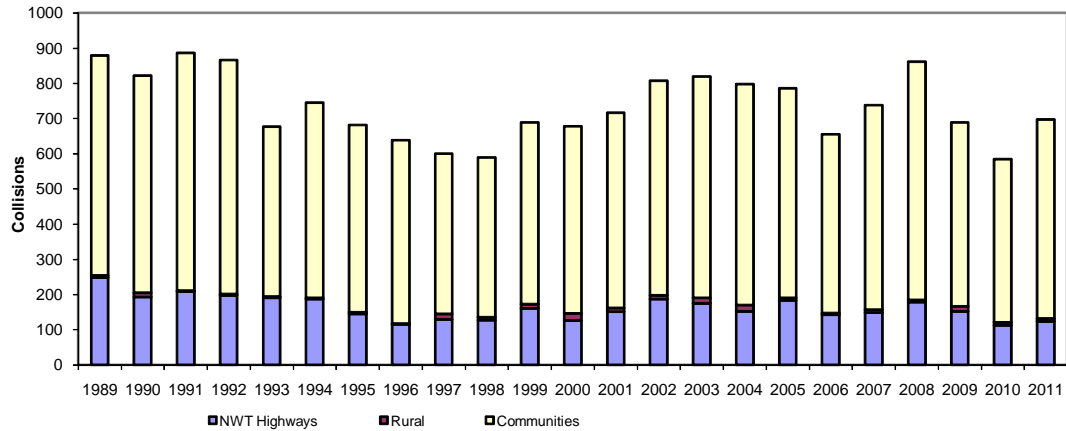
3 Year Summary

Fatal Collisions				
	2009	2010	2011	Average
NWT Highways	3	2	0	2
Rural	0	0	0	0
Communities	2	1	0	1
<b>Total</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>3</b>



**Trends in All Reported Collisions**

Figure 1.7



**3 Year Summary**

	2009	2010	2011	Average
NWT Highways	152	113	124	130
Rural	14	8	8	10
Communities	523	464	565	517
<b>Total</b>	<b>689</b>	<b>585</b>	<b>697</b>	<b>657</b>

**Property Damage Collisions by Month and Year**

Figure 1.8  
Avg. 01 to 10

Month	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Avg. 01 to 10	2011
January	50	85	91	90	75	62	58	101	94	60	77	75
February	65	64	76	85	87	54	72	68	63	40	67	69
March	59	64	82	58	65	45	84	91	65	48	66	61
April	35	35	47	37	52	42	33	44	46	35	41	42
May	34	42	41	27	39	29	26	38	34	23	33	31
June	39	41	47	51	43	30	45	33	38	34	40	38
July	22	38	38	32	52	45	39	37	31	47	38	36
August	38	53	34	35	42	34	39	53	30	29	39	39
September	32	40	43	49	53	41	43	43	29	34	41	34
October	65	61	47	59	47	33	50	56	48	49	52	43
November	61	64	69	66	51	90	54	82	42	42	62	70
December	72	63	72	93	50	59	76	94	61	57	70	75
<b>Total</b>	<b>572</b>	<b>650</b>	<b>687</b>	<b>682</b>	<b>656</b>	<b>564</b>	<b>619</b>	<b>740</b>	<b>581</b>	<b>498</b>	<b>625</b>	<b>613</b>

**Personal Injury Collisions by Month and Year**

Figure 1.9

Month	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Avg. 01 to 10	2011
January	13	11	9	15	10	12	6	10	15	11	11	9
February	14	6	25	8	8	4	15	16	5	5	11	6
March	7	8	11	7	10	8	9	10	13	6	9	6
April	7	5	7	11	3	10	7	7	7	6	7	8
May	8	9	10	9	5	4	3	11	8	7	7	5
June	14	15	9	10	15	8	10	10	8	5	10	8
July	6	19	12	9	17	6	11	9	7	6	10	10
August	16	16	11	18	15	8	13	7	6	9	12	7
September	10	13	6	10	9	5	12	6	7	4	8	5
October	21	22	15	6	13	9	9	10	10	9	12	9
November	10	15	7	3	16	10	8	10	9	10	10	6
December	16	15	8	7	7	4	11	10	8	6	9	5
<b>Total</b>	<b>142</b>	<b>154</b>	<b>130</b>	<b>113</b>	<b>128</b>	<b>88</b>	<b>114</b>	<b>116</b>	<b>103</b>	<b>84</b>	<b>117</b>	<b>84</b>

**Fatal Collisions by Month and Year**

Figure 1.10

Month	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Avg. 01 to 10	2011
January	1	0	1	0	0	1	0	0	0	0	0.3	0
February	0	1	0	1	0	0	0	0	1	0	0.3	0
March	0	0	0	0	0	0	0	0	0	0	0.0	0
April	1	0	0	0	0	0	0	0	0	0	0.1	0
May	0	0	0	0	1	0	1	0	1	0	0.3	0
June	0	0	1	1	1	0	0	0	0	0	0.3	0
July	0	0	0	0	0	1	1	2	1	1	0.6	0
August	0	0	0	0	0	0	0	0	0	0	0.0	0
September	0	0	0	0	0	0	2	2	0	0	0.4	0
October	0	1	0	0	0	1	0	0	2	0	0.4	0
November	0	1	0	0	0	0	0	1	0	1	0.3	0
December	0	0	1	1	0	0	1	0	0	1	0.4	0
<b>Total</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>3.4</b>	<b>0</b>

**Total Collisions by Month and Year**

Figure 1.11

Month	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Avg. 01 to 10	2011
January	64	96	101	105	85	75	64	111	109	71	88	84
February	79	71	101	94	95	58	87	84	69	45	78	75
March	66	72	93	65	75	53	93	101	78	54	75	67
April	43	40	54	48	55	52	40	51	53	41	48	50
May	42	51	51	36	45	33	30	49	43	30	41	36
June	53	56	57	62	59	38	55	43	46	39	51	46
July	28	57	50	41	69	52	51	48	39	54	49	46
August	54	69	45	53	57	42	52	60	36	38	51	46
September	42	53	48	59	62	46	57	51	36	38	49	39
October	86	84	62	65	60	43	59	66	60	58	64	52
November	71	80	76	69	67	100	62	93	51	53	72	76
December	88	78	81	101	57	63	88	104	69	64	79	80
<b>Total</b>	<b>716</b>	<b>807</b>	<b>819</b>	<b>798</b>	<b>786</b>	<b>655</b>	<b>738</b>	<b>861</b>	<b>689</b>	<b>585</b>	<b>745</b>	<b>697</b>

Collisions by Month of Occurrence

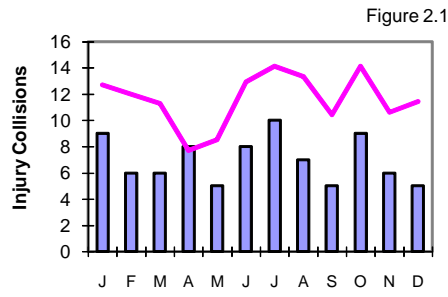


Figure 2.1

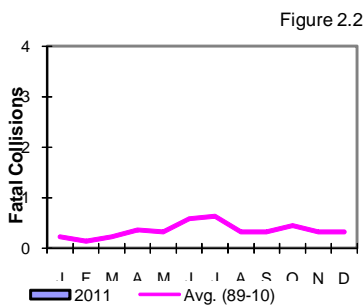


Figure 2.2

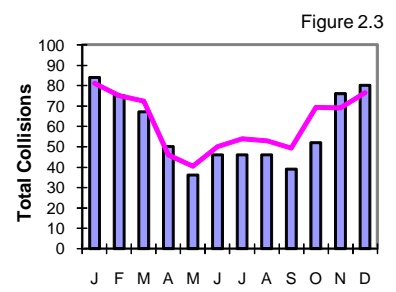


Figure 2.3

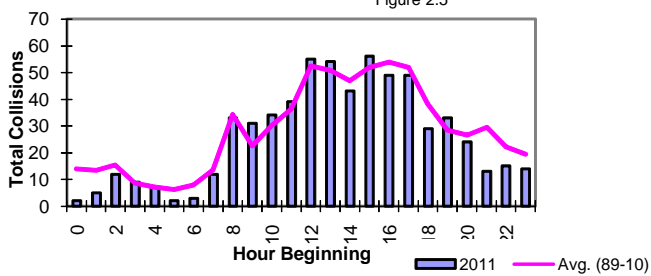
Collisions & Victims by Month of Occurrence

Figure 2.4

Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	75	9	0	84	13	0
February	69	6	0	75	9	0
March	61	6	0	67	7	0
April	42	8	0	50	11	0
May	31	5	0	36	7	0
June	38	8	0	46	8	0
July	36	10	0	46	11	0
August	39	7	0	46	11	0
September	34	5	0	39	7	0
October	43	9	0	52	11	0
November	70	6	0	76	8	0
December	75	5	0	80	6	0
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>109</b>	<b>0</b>

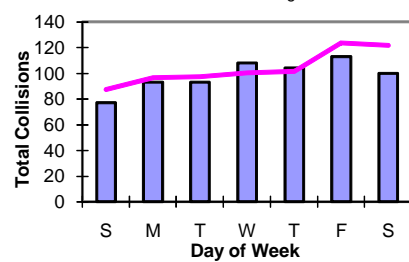
Total Collisions by Time of Day

Figure 2.5



Total Collisions by Day of Week

Figure 2.6



**Collisions by Time of Day & Day of Week\***

Figure 2.7

Collision Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	%	
12 to 1 a.m.	0	0	0	0	0	1	1	0	2	0.3
1 to 2 a.m.	1	0	0	0	0	0	0	4	5	0.7
2 to 3 a.m.	3	1	2	1	1	1	3	12	1.7	
3 to 4 a.m.	2	1	2	0	1	3	0	9	1.3	
4 to 5 a.m.	1	0	0	2	0	1	3	7	1.0	
5 to 6 a.m.	0	0	0	0	0	0	2	2	0.3	
6 to 7 a.m.	0	0	0	1	2	0	0	3	0.4	
7 to 8 a.m.	1	3	2	1	1	2	2	12	1.7	
8 to 9 a.m.	0	5	10	6	2	8	2	33	4.8	
9 to 10 a.m.	2	3	1	7	9	6	3	31	4.5	
10 to 11 a.m.	5	1	6	6	6	7	3	34	4.9	
11 to 12 a.m.	5	3	6	6	6	5	8	39	5.7	
12 to 1 p.m.	4	9	14	7	11	5	5	55	8.0	
1 to 2 p.m.	6	10	11	5	7	7	8	54	7.8	
2 to 3 p.m.	4	12	2	5	5	8	7	43	6.3	
3 to 4 p.m.	7	5	9	9	11	12	3	56	8.1	
4 to 5 p.m.	5	12	6	7	4	9	6	49	7.1	
5 to 6 p.m.	3	8	2	13	8	5	9	48	7.0	
6 to 7 p.m.	5	5	2	6	3	5	3	29	4.2	
7 to 8 p.m.	4	2	4	4	8	6	5	33	4.8	
8 to 9 p.m.	4	3	6	2	1	6	2	24	3.5	
9 to 10 p.m.	2	1	0	3	1	4	2	13	1.9	
10 to 11 p.m.	1	0	1	1	4	4	4	15	2.2	
11 to 12 p.m.	2	2	1	4	2	0	3	14	2.0	
Not Stated	10	7	6	12	10	8	13	66	9.6	
<b>Total</b>	<b>77</b>	<b>93</b>	<b>93</b>	<b>108</b>	<b>104</b>	<b>113</b>	<b>100</b>	<b>688</b>		
<b>%</b>	<b>11.2</b>	<b>13.5</b>	<b>13.5</b>	<b>15.7</b>	<b>15.1</b>	<b>16.4</b>	<b>14.5</b>	<b>100.0</b>		

\* Excludes collisions in which Day of Week was unknown.

**Collisions by Severity Where Human Condition was a Major Contributing Factor**

Figure 3.1

<b>Human Condition</b>	<b>Property Damage</b>	<b>Personal Injury</b>	<b>Fatal</b>	<b>Total</b>	<b>% of Total Factors</b>
Fatigued, Fell Asleep	0	1	0	1	0.1
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	23	7	0	30	4.3
Under Influence - Drugs	1	0	0	1	0.1
Sudden Illness, Lost Consciousness	0	1	0	1	0.1
Other Driver Condition	0	0	0	0	0.0
<b>Total</b>	<b>24</b>	<b>9</b>	<b>0</b>	<b>33</b>	<b>4.7</b>

**Collisions by Severity Where Human Action was a Major Contributing Factor**

Figure 3.2

<b>Human Action</b>	<b>Property Damage</b>	<b>Personal Injury</b>	<b>Fatal</b>	<b>Total</b>	<b>% of Total Factors</b>
Following Too Closely	21	4	0	25	3.6
Distracted, Inattentive	67	10	0	77	11.0
Driving Too Fast for Conditions	84	14	0	98	14.1
Improper Turning or Passing	16	3	0	19	2.7
Failed to Yield Right-of-Way	43	11	0	54	7.7
Disobeyed Traffic Control/Officer	1	1	0	2	0.3
Driving on Wrong Side of Road	2	1	0	3	0.4
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	170	3	0	173	24.8
Lost Control	74	25	0	99	14.2
Other Driver Action	0	0	0	0	0.0
<b>Total</b>	<b>478</b>	<b>72</b>	<b>0</b>	<b>550</b>	<b>78.9</b>

**Collisions by Severity Where Vehicle Condition was a Major Contributing Factor**

Figure 3.3

<b>Vehicle Condition</b>	<b>Property Damage</b>	<b>Personal Injury</b>	<b>Fatal</b>	<b>Total</b>	<b>% of Total Factors</b>
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	1	0	0	1	0.1
Unsecured Load, Spilled Load	1	0	0	1	0.1
Oversized Load, Overload	2	0	0	2	0.3
Visibility Obstructed	0	0	0	0	0.0
Other Vehicle Contributing Factor	3	0	0	3	0.4
<b>Total</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>1.0</b>



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

Figure 3.7

Human Condition	NWT			Total	% of Total Factors
	Highways	Communities	Rural		
Fatigued, Fell Asleep	1	0	0	1	0.1
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	11	17	2	30	4.3
Under Influence - Drugs	0	0	1	1	0.1
Sudden Illness, Lost Consciousness	1	0	0	1	0.1
Other Driver Condition	0	0	0	0	0.0
<b>Total</b>	<b>13</b>	<b>17</b>	<b>3</b>	<b>33</b>	<b>4.7</b>

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

Figure 3.8

Human Action	NWT			Total	% of Total Factors
	Highways	Communities	Rural		
Following Too Closely	1	24	0	25	3.6
Distracted, Inattentive	10	67	0	77	11.0
Driving Too Fast for Conditions	25	72	1	98	14.1
Improper Turning or Passing	1	18	0	19	2.7
Failed to Yield Right-of-Way	5	48	1	54	7.7
Disobeyed Traffic Control/Officer	0	2	0	2	0.3
Driving on Wrong Side of Road	0	3	0	3	0.4
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	1	172	0	173	24.8
Lost Control	53	44	2	99	14.2
Other Driver Action	0	0	0	0	0.0
<b>Total</b>	<b>96</b>	<b>450</b>	<b>4</b>	<b>550</b>	<b>78.9</b>

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

Figure 3.9

Vehicle Condition	NWT			Total	% of Total Factors
	Highways	Communities	Rural		
Defective Brakes	0	0	0	0	0.0
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	1	0	1	0.1
Unsecured Load, Spilled Load	1	0	0	1	0.1
Oversized Load, Overload	0	2	0	2	0.3
Visibility Obstructed	0	0	0	0	0.0
Other Vehicle Contributing Factor	0	3	0	3	0.4
<b>Total</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>7</b>	<b>1.0</b>

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

Figure 3.10

Environmental Condition	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Animal on Roadway	11	2	0	13	1.9
Road Surface or Condition	1	3	0	4	0.6
Obstruction/Debris on Road	1	1	0	2	0.3
View Obstructed, Glare, Reflection	0	0	0	0	0.0
Weather or Other Acts of God	0	1	0	1	0.1
Other Environmental Factor	0	0	0	0	0.0
<b>Total</b>	<b>13</b>	<b>7</b>	<b>0</b>	<b>20</b>	<b>2.9</b>

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

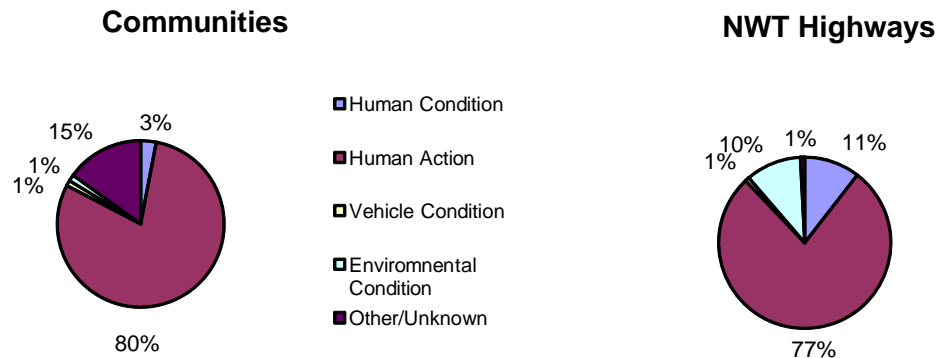
Figure 3.11

Factor	NWT			Total	% of Total Factors
	Highways	In Communities	Rural		
Unspecified	0	1	0	1	0.1
Unknown	1	84	1	86	12.3
<b>Total</b>	<b>1</b>	<b>85</b>	<b>1</b>	<b>87</b>	<b>12.5</b>

<b>Total All Factors</b>	<b>124</b>	<b>565</b>	<b>8</b>	<b>697</b>	<b>100.0</b>
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**Major Contributing Factors in Collisions - Communities and NWT Highways**

Figure 3.12

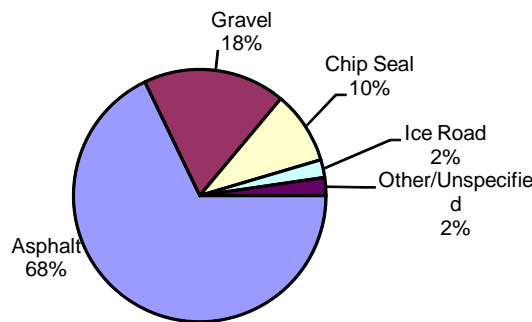




Collisions by Road Surface Type and Severity

Figure 4.1

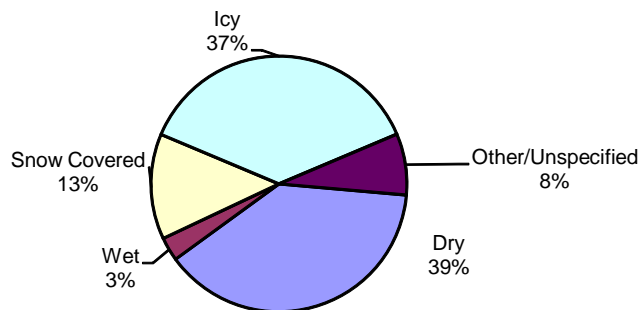
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	435	38	0	473	67.9
Concrete	0	0	0	0	0.0
Gravel (Crushed Stone)	105	22	0	127	18.2
Earth, Dirt	4	0	0	4	0.6
Chip Seal	44	21	0	65	9.3
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	13	3	0	16	2.3
Unspecified	12	0	0	12	1.7
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

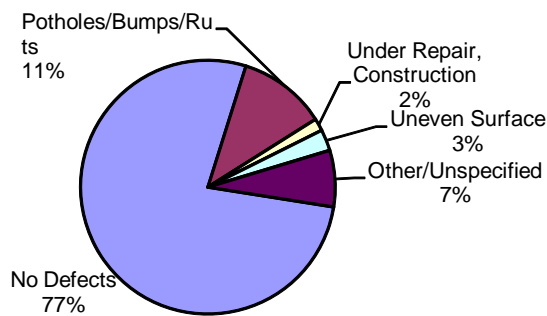
Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	233	36	0	269	38.6
Wet	18	3	0	21	3.0
Snow (Fresh, Loose)	76	8	0	84	12.1
Slush, Wet Snow	6	3	0	9	1.3
Icy	231	29	0	260	37.3
Loose Sand/Gravel/Dirt	17	4	0	21	3.0
Muddy	3	0	0	3	0.4
Fresh Oil	0	0	0	0	0.0
Flooded	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unspecified	29	1	0	30	4.3
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100</b>



**Collisions by Road Defect and Severity**

Figure 4.3

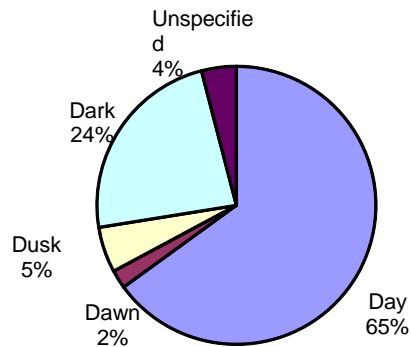
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	486	53	0	539	77.3
Potholes/Bumps/Ruts	57	21	0	78	11.2
Under Repair, Construction	8	3	0	11	1.6
Uneven Pavement Surface	16	3	0	19	2.7
Worn	9	2	0	11	1.6
Obscured or Faded Markings	1	0	0	1	0.1
Other	3	1	0	4	0.6
Unspecified	33	1	0	34	4.9
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>



**Collisions by Light Condition and Severity**

Figure 4.4

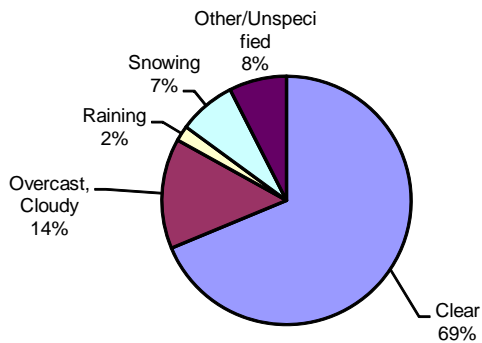
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	394	59	0	453	65.0
Dawn	13	2	0	15	2.2
Dusk	31	6	0	37	5.3
Dark	147	17	0	164	23.5
Unspecified	28	0	0	28	4.0
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>



**Collisions by Weather Condition and Severity**

Figure 4.5

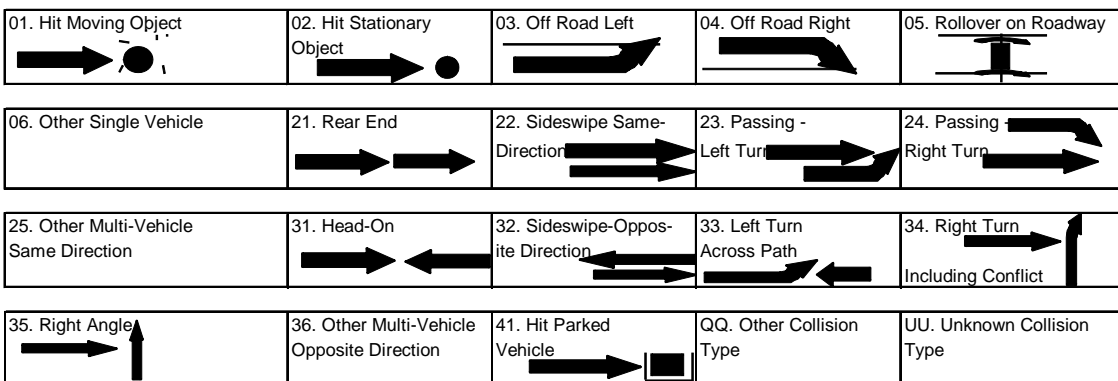
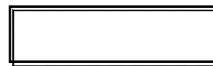
Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	423	56	0	479	68.7
Overcast, Cloudy (No Precipitation)	82	18	0	100	14.3
Raining	11	3	0	14	2.0
Snowing	47	5	0	52	7.5
Freezing Rain/Sleet/Hail	1	1	0	2	0.3
Visibility Limitations (fog, dust, etc.)	11	1	0	12	1.7
Strong Winds	3	0	0	3	0.4
Other	0	0	0	0	0.0
Unspecified	35	0	0	35	5.0
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>



Collisions by Configuration and Severity

Figure 4.6

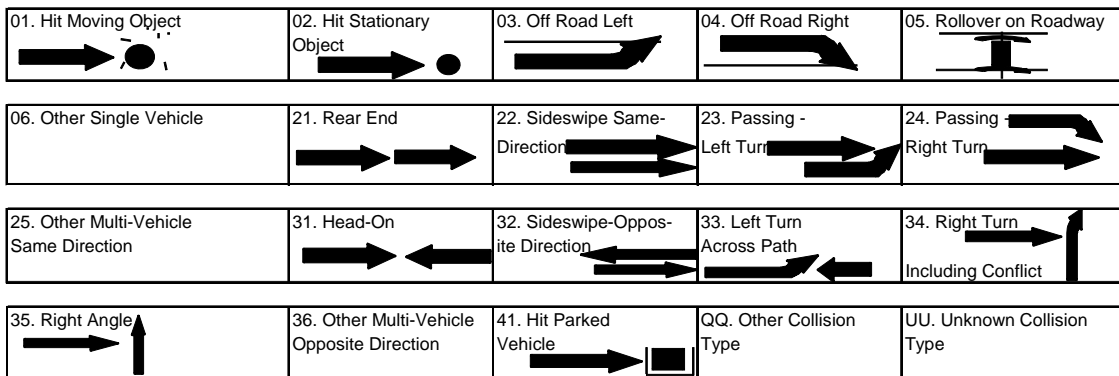
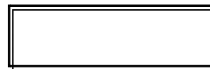
Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Bison	8	0	0	8	1.1
b) With Other Animal	7	0	0	7	1.0
c) With Pedestrian	0	12	0	12	1.7
d) Other	1	0	0	1	0.1
02. Hit Stationary Object	49	6	0	55	7.9
03. Off Road Left					
a) With Rollover	3	11	0	14	2.0
b) No Rollover	10	5	0	15	2.2
04. Off Road Right					
a) With Rollover	15	14	0	29	4.2
b) No Rollover	23	3	0	26	3.7
05. Rollover on Roadway	2	5	0	7	1.0
06. Other Single Vehicle	5	0	0	5	0.7
21. Rear End	93	11	0	104	14.9
22. Sideswipe - Same Direction	16	0	0	16	2.3
23. Passing - Left Turn	3	1	0	4	0.6
24. Passing - Right Turn	5	0	0	5	0.7
25. Other Multi-Vehicle Same Direction	2	1	0	3	0.4
31. Head-On	7	0	0	7	1.0
32. Sideswipe - Opposite Direction	14	1	0	15	2.2
33. Left Turn Across Path	10	2	0	12	1.7
34. Right Turn Including Conflict	9	2	0	11	1.6
35. Right Angle	79	5	0	84	12.1
36. Other Multi-Vehicle Opposite Direction	14	2	0	16	2.3
41. Hit Parked Vehicle	238	3	0	241	34.6
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>



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	8	0	0	8	1.1
b) With Other Animal	5	2	0	7	1.0
c) With Pedestrian	1	11	0	12	1.7
d) Other	1	0	0	1	0.1
02. Hit Stationary Object	9	44	2	55	7.9
03. Off Road Left					
a) With Rollover	13	1	0	14	2.0
b) No Rollover	9	6	0	15	2.2
04. Off Road Right					
a) With Rollover	27	2	0	29	4.2
b) No Rollover	20	5	1	26	3.7
05. Rollover on Roadway	6	1	0	7	1.0
06. Other Single Vehicle	2	3	0	5	0.7
21. Rear End	3	100	1	104	14.9
22. Sideswipe - Same Direction	0	16	0	16	2.3
23. Passing - Left Turn	2	2	0	4	0.6
24. Passing - Right Turn	0	5	0	5	0.7
25. Other Multi-Vehicle Same Direction	0	3	0	3	0.4
31. Head-On	1	6	0	7	1.0
32. Sideswipe - Opposite Direction	5	7	3	15	2.2
33. Left Turn Across Path	2	10	0	12	1.7
34. Right Turn Including Conflict	3	7	1	11	1.6
35. Right Angle	1	83	0	84	12.1
36. Other Multi-Vehicle Opposite Direction	1	15	0	16	2.3
41. Hit Parked Vehicle	5	236	0	241	34.6
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
<b>Total</b>	<b>124</b>	<b>565</b>	<b>8</b>	<b>697</b>	<b>100.0</b>



**Collisions by Collision Site and Severity**

Figure 4.8

<b>Collision Site</b>	<b>Property Damage</b>	<b>Personal Injury</b>	<b>Fatal</b>	<b>Total</b>	<b>%</b>
Non-Intersection	260	44	0	304	43.6
Intersection - Two Public Roadways	131	31	0	162	23.2
Intersection - Parking Lot, Driveway	132	8	0	140	20.1
Railroad Level Crossing	1	0	0	1	0.1
Bridge, Overpass, Viaduct	2	1	0	3	0.4
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	77	0	0	77	11.0
Unknown	10	0	0	10	1.4
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>

**Collisions by Collision Site and Road System**

Figure 4.9

<b>Collision Site</b>	<b>NWT</b>			<b>Total</b>	<b>%</b>
	<b>Highways</b>	<b>In Communities</b>	<b>Rural</b>		
Non-Intersection	108	191	5	304	43.6
Intersection - Two Public Roadways	11	151	0	162	23.2
Intersection - Parking Lot, Driveway	1	137	2	140	20.1
Railroad Level Crossing	0	1	0	1	0.1
Bridge, Overpass, Viaduct	3	0	0	3	0.4
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	75	1	77	11.0
Unknown	0	10	0	10	1.4
<b>Total</b>	<b>124</b>	<b>565</b>	<b>8</b>	<b>697</b>	<b>100.0</b>

**Collisions by Roadway Alignment and Severity**

Figure 4.10

<b>Road Alignment</b>	<b>Property Damage</b>	<b>Personal Injury</b>	<b>Fatal</b>	<b>Total</b>	<b>%</b>
Straight & Level	478	62	0	540	77.5
Straight with Grade	46	7	0	53	7.6
Curved and Level	44	9	0	53	7.6
Curve with Grade	19	3	0	22	3.2
Top of Hill or Grade	4	2	0	6	0.9
Bottom of Hill or Grade	12	1	0	13	1.9
Other	0	0	0	0	0.0
Unknown	10	0	0	10	1.4
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>

### Collisions by Roadway Type and Severity

Figure 4.11

Road Type	Property Damage	Personal Injury	Fatal	Total	%
One-Way, Two Lane	6	0	0	6	0.9
One-Way, Multi Lane	0	0	0	0	0.0
Undivided, Two-Way, Two Lane	340	70	0	410	58.8
Undivided, Two-Way, Multi Lane	29	8	0	37	5.3
Divided, Barrier Median	2	0	0	2	0.3
Divided with Median, No Barrier	23	3	0	26	3.7
Divided, Divider Unspecified	0	0	0	0	0.0
Other	203	3	0	206	29.6
Unknown	10	0	0	10	1.4
<b>Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>

### Collision Sequence of Events by Severity

Figure 4.12

Non-Moving Objects	Property Damage	Personal Injury	Fatal	Total	%
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	3	0	0	3	0.4
Hit Building	4	1	0	5	0.7
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	1	0	0	1	0.1
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	0	0	0	0	0.0
Hit Utility Pole, Lamp Pole	7	2	0	9	1.3
Hit Curb	0	0	0	0	0.0
Hit Post	6	0	0	6	0.9
Hit Traffic Barrier	0	0	0	0	0.0
Hit Fixed Object Part of Road Structure	2	1	0	3	0.4
Hit Fixed Object NOT Part of Road Structure	3	0	0	3	0.4
Hit Other Type Fixed Object	1	0	0	1	0.1
<b>Sub Total Fixed Objects</b>	<b>27</b>	<b>4</b>	<b>0</b>	<b>31</b>	<b>4.4</b>
<b>Moveable Objects</b>					
Another Road Vehicle	490	28	0	518	74.3
Bison	8	0	0	8	1.1
Other Animal	7	0	0	7	1.0
Pedestrian	0	12	0	12	1.7
Other Moveable Object	1	0	0	1	0.1
<b>Sub Total Moveable Objects</b>	<b>506</b>	<b>40</b>	<b>0</b>	<b>546</b>	<b>78.3</b>
<b>Non-Collision Events</b>					
Ran Off Road	33	0	0	33	4.7
Rollover	20	30	0	50	7.2
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	0	0	0	0	0.0
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	0	0	0	0.0
Other Non-Collision Event	0	0	0	0	0.0
<b>Sub Total Non-Collision Events</b>	<b>54</b>	<b>30</b>	<b>0</b>	<b>84</b>	<b>12.1</b>
<b>Other/Unknown Event</b>	<b>26</b>	<b>10</b>	<b>0</b>	<b>36</b>	<b>5.2</b>
<b>Grand Total</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>100.0</b>

Collision Sequence of Events by Road System

Figure 4.13

	NWT Highways	In Communities	Rural	Total	%
<b>Non-Moving Objects</b>					
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	1	2	0	3	0.4
Hit Building	0	4	1	5	0.7
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	0	1	0	1	0.1
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	0	0	0	0	0.0
Hit Utility Pole, Lamp Pole	0	9	0	9	1.3
Hit Curb	0	0	0	0	0.0
Hit Post	0	6	0	6	0.9
Hit Traffic Barrier	0	0	0	0	0.0
Hit Fixed Object Part of Road Structure	2	1	0	3	0.4
Hit Fixed Object NOT Part of Road Structure	0	3	0	3	0.4
Hit Other Type Fixed Object	0	1	0	1	0.1
<b>Sub Total Fixed Objects</b>	<b>3</b>	<b>27</b>	<b>1</b>	<b>31</b>	<b>4.4</b>
<b>Moveable Objects</b>					
Another Road Vehicle	23	490	5	518	74.3
Bison	8	0	0	8	1.1
Other Animal	5	2	0	7	1.0
Pedestrian	1	11	0	12	1.7
Other Moveable Object	1	0	0	1	0.1
<b>Sub Total Moveable Objects</b>	<b>38</b>	<b>503</b>	<b>5</b>	<b>546</b>	<b>78.3</b>
<b>Non-Collision Events</b>					
Ran Off Road	0	0	0	0	0.0
Rollover	46	4	0	50	7.2
Jack Knife or Trailer Swing	0	1	0	1	0.1
Fire or Explosion	0	0	0	0	0.0
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	0	0	0	0.0
Other Non-Collision Event	0	0	0	0	0.0
<b>Sub Total Non-Collision Events</b>	<b>46</b>	<b>5</b>	<b>0</b>	<b>51</b>	<b>7.3</b>
<b>Unknown Event</b>	<b>37</b>	<b>30</b>	<b>2</b>	<b>69</b>	<b>9.9</b>
<b>Grand Total</b>	<b>124</b>	<b>565</b>	<b>8</b>	<b>697</b>	<b>100.0</b>

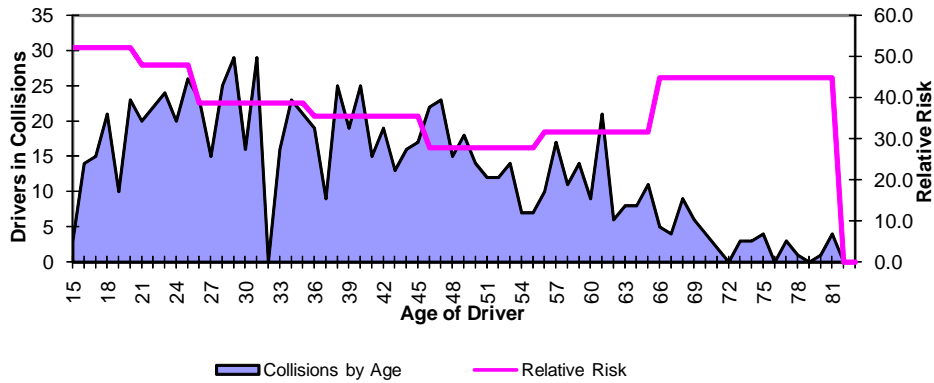


Licensed Drivers and Drivers in Collisions by Driver Age

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	110	1,174	2,275	5,660	5,094	5,539	3,501	1,338	0	24,691
Drivers in Collisions	7	60	109	219	181	154	111	60	100	1,001

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	39.7	40.9	34.8	32.2	24.7	27.1	40.4	36.0
Personal Injury & Fatal	12.5	7.0	3.9	3.3	3.1	4.6	4.5	4.5
<b>Total</b>	<b>52.2</b>	<b>47.9</b>	<b>38.7</b>	<b>35.5</b>	<b>27.8</b>	<b>31.7</b>	<b>44.8</b>	<b>40.5</b>
<b>Relative Risk*</b>	<b>1.3</b>	<b>1.2</b>	<b>1.0</b>	<b>0.9</b>	<b>0.7</b>	<b>0.8</b>	<b>1.1</b>	<b>1.0</b>

\* 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 1.3 times more likely to be involved in a collision than the average driving population. On average, 5% of 15 to 19 year olds were involved in collisions, compared to 4% of 35 to 44 year olds.

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



Figure 5.5

Number of Drivers Involved in Collisions by Driver Action and Age

Driver Action											Not				
	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Stated	%	
Driving Properly	0	1	4	1	3	4	19	78	60	51	45	10	3	279	27.9
Following Too Closely	0	1	1	2	0	1	3	9	3	4	1	2	0	27	2.7
Distracted, Inattentive	2	2	3	0	0	4	8	20	14	17	9	9	0	88	8.8
Driving Too Fast	0	3	3	3	3	5	13	25	25	11	12	6	1	110	11.0
Improper Turning or Passing	0	1	0	1	0	1	0	4	4	2	4	3	2	22	2.2
Failing to Yield Right of Way	2	1	1	2	0	1	7	13	9	9	7	3	1	56	5.6
Disobeying Traffic Control/Officer	1	0	0	0	0	0	0	1	1	0	0	0	0	3	0.3
Driving on Wrong Side of Road	1	0	0	0	0	0	0	0	1	0	0	1	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	0	3	2	7	3	4	21	32	35	37	17	15	7	183	18.3
Lost Control	1	2	1	5	1	2	12	30	22	18	12	11	0	117	11.7
Other Driver Action	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
Unknown	0	0	0	0	0	1	3	7	7	4	4	0	86	112	11.2
<b>Total</b>	<b>7</b>	<b>14</b>	<b>15</b>	<b>21</b>	<b>10</b>	<b>23</b>	<b>86</b>	<b>219</b>	<b>181</b>	<b>154</b>	<b>111</b>	<b>60</b>	<b>100</b>	<b>1,001</b>	
%	0.7	1.4	1.5	2.1	1.0	2.3	8.6	21.9	18.1	15.4	11.1	6.0	10.0	<b>100.0</b>	

**Number of Vehicles in Collisions by Vehicle Type and Severity**

Figure 6.1

Vehicle Type	Property Damage	Personal Injury	Fatal	Total	%
Passenger Car	270	26	0	296	24.2
Passenger Van	76	8	0	84	6.9
Light Utility Vehicle	235	17	0	252	20.6
Pickup Truck	390	43	0	433	35.4
Panel/Cargo Van	20	2	0	22	1.8
Other Truck/Van <= 4536 kg	1	1	0	2	0.2
Unit Truck > 4536 kg	13	2	0	15	1.2
Road Tractor	8	3	0	11	0.9
School Bus	1	0	0	1	0.1
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	0	0	0	0	0.0
Intercity Bus	1	0	0	1	0.1
Bus - Unspecified	1	0	0	1	0.1
Motorcycle	1	3	0	4	0.3
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	1	2	0	3	0.2
Bicycle	0	5	0	5	0.4
Motor Home	1	0	0	1	0.1
Farm Equipment	0	0	0	0	0.0
Construction Equipment	5	0	0	5	0.4
Fire Engine	0	0	0	0	0.0
Snowmobile	2	2	0	4	0.3
Streetcar	0	0	0	0	0.0
Other	1	0	0	1	0.1
Unknown	81	0	0	81	6.6
<b>Total</b>	<b>1108</b>	<b>114</b>	<b>0</b>	<b>1222</b>	<b>100.0</b>

**Number of Vehicles in Collisions by Vehicle Condition and Severity**

Figure 6.2

Vehicle Condition	Property Damage	Personal Injury	Fatal	Total	%
No Apparent Defect	918	91	0	1009	82.6
Defective Brakes	2	0	0	2	0.2
Defective Steering	0	0	0	0	0.0
Defective Lighting	0	0	0	0	0.0
Tire Blown Out	4	3	0	7	0.6
Unsecured Load, Spilled Load	1	0	0	1	0.1
Oversized Load, Overload	3	0	0	3	0.2
Visibility Obstructed	4	2	0	6	0.5
Other Defective Vehicular Parts	10	0	0	10	0.8
Other Vehicular Factor	0	0	0	0	0.0
Unknown	166	18	0	184	15.1
<b>Total</b>	<b>1108</b>	<b>114</b>	<b>0</b>	<b>1222</b>	<b>100.0</b>

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 6.3

Vehicle Manoeuvre	Property Damage	Personal Injury	Fatal	Total	%
Going Straight Ahead	268	61	0	329	26.9
Turning Left	58	8	0	66	5.4
Turning Right	44	7	0	51	4.2
Making U-Turn	2	1	0	3	0.2
Changing Lanes	7	0	0	7	0.6
Merging	1	0	0	1	0.1
Reversing	203	4	0	207	16.9
Overtaking	2	2	0	4	0.3
Negotiating Curve	42	8	0	50	4.1
Slowing or Stopped in Traffic	139	15	0	154	12.6
Starting in Traffic	0	0	0	0	0.0
Leaving Roadside	9	0	0	9	0.7
Stopped/Parked Legally	232	5	0	237	19.4
Stopped/Parked Illegally	8	0	0	8	0.7
Swerving to Avoid Collision	7	3	0	10	0.8
Run-away or Roll-away Vehicle	4	0	0	4	0.3
Unspecified Manoeuvre	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	82	0	0	82	6.7
<b>Total</b>	<b>1108</b>	<b>114</b>	<b>0</b>	<b>1222</b>	<b>100.0</b>

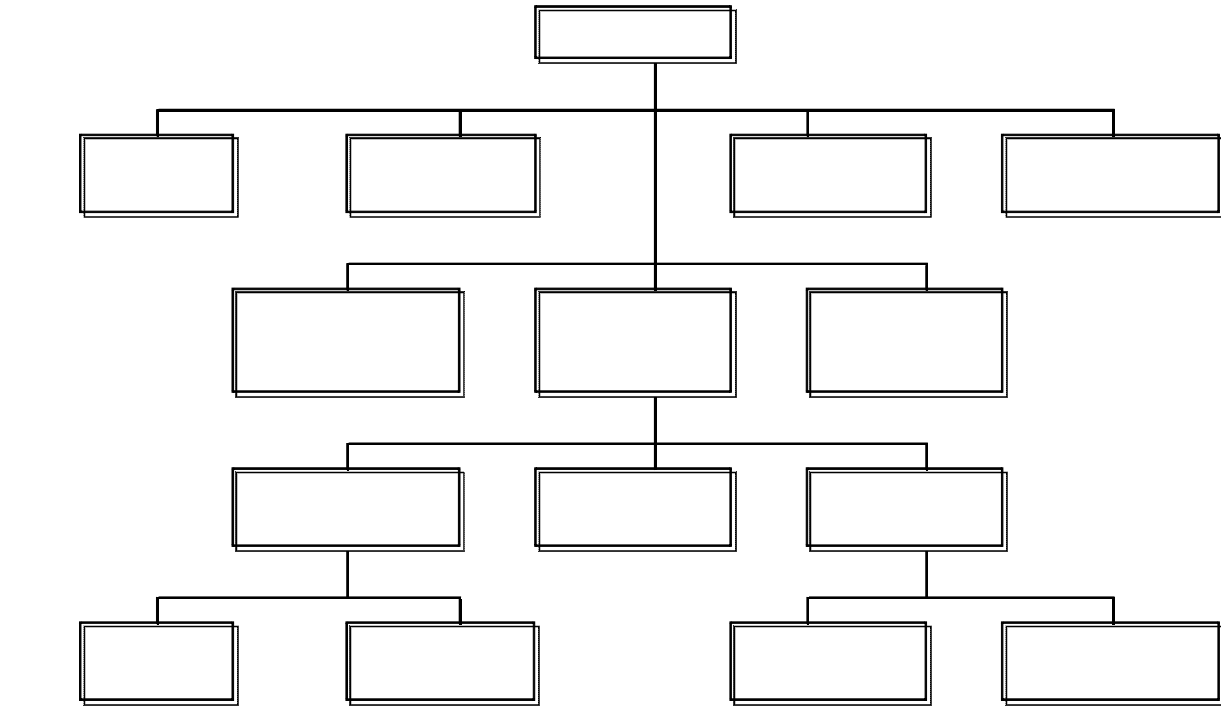
Number of Vehicles in Collisions by Vehicle Year and Severity

Figure 6.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
2012	3	1	0	4	0.3
2011	79	2	0	81	6.6
2010	110	8	0	118	9.7
2009	98	6	0	104	8.5
2008	109	12	0	121	9.9
2007	102	9	0	111	9.1
2006	74	13	0	87	7.1
2005	83	11	0	94	7.7
2004	49	3	0	52	4.3
2003	67	6	0	73	6.0
2002	41	3	0	44	3.6
2001	26	2	0	28	2.3
2000 & Older	167	29	0	196	16.0
Unspecified	100	9	0	109	8.9
<b>Total</b>	<b>1108</b>	<b>114</b>	<b>0</b>	<b>1222</b>	<b>100.0</b>

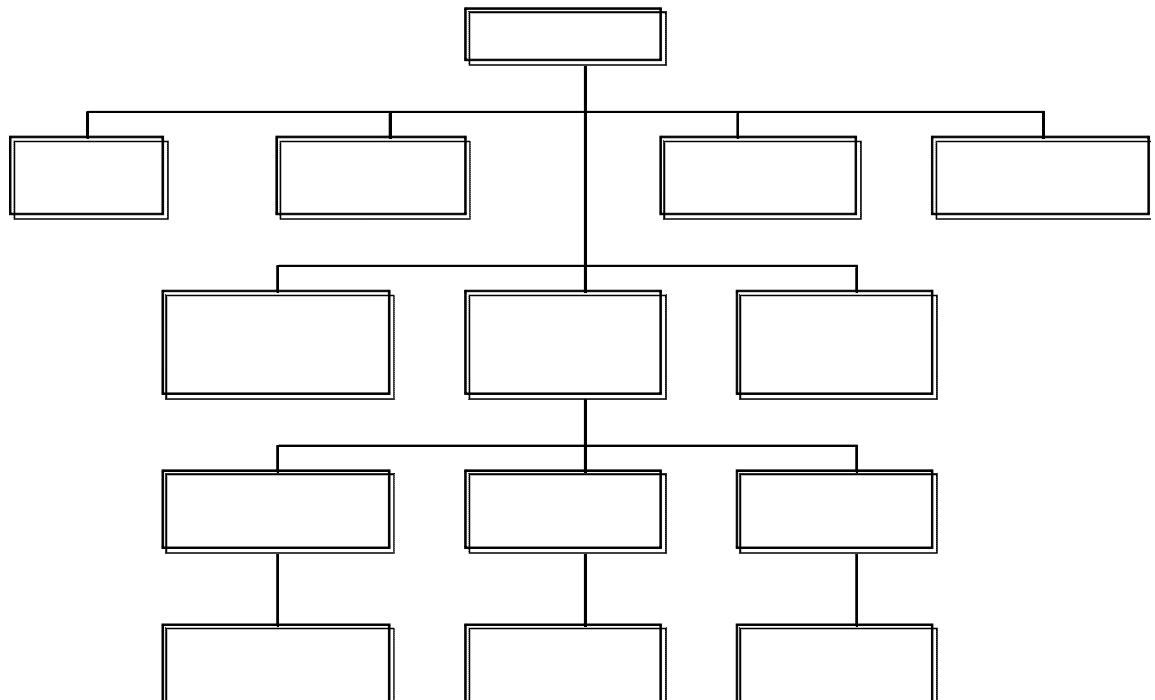
**Fatalities Classification**  
(January 1 to December 31, 2011)

Figure 7.1



**Injuries Classification**  
(January 1 to December 31, 2011)

Figure 7.2



## Victims and Occupant Restraints – Section 7

**Persons Injured by Road User Class and Age Group**

Figure 7.3

Road User Class	0	5	15	20	25	35	45	55	65	Not	Total	%
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated		
Motor Vehicle Driver	0	0	7	12	15	6	7	7	4	0	58	53.2
Motor Vehicle Passenger	3	5	5	2	4	3	2	1	1	0	26	23.9
Pedestrian	0	2	3	1	2	3	2	1	0	0	14	12.8
Bicyclist	1	3	0	0	0	0	0	0	1	0	5	4.6
Motorcyclist (includes passengers)	0	1	1	0	0	1	0	0	0	0	3	2.8
ATV Operators & Passengers	0	0	0	0	0	0	0	1	0	0	1	0.9
Snowmobile Operators & Passengers	0	0	0	0	1	0	1	0	0	0	2	1.8
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
<b>Total</b>	<b>4</b>	<b>11</b>	<b>16</b>	<b>15</b>	<b>22</b>	<b>13</b>	<b>12</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>109</b>	<b>100.0</b>

**Persons Killed by Road User Class and Age Group**

Figure 7.4

Road User Class	0	5	15	20	25	35	45	55	65	Not	Total	%
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated		
Motor Vehicle Driver	0	0	0	0	0	0	0	0	0	0	0	0.0
Motor Vehicle Passenger	0	0	0	0	0	0	0	0	0	0	0	0.0
Pedestrian	0	0	0	0	0	0	0	0	0	0	0	0.0
Bicyclist	0	0	0	0	0	0	0	0	0	0	0	0.0
Motorcyclist (includes passengers)	0	0	0	0	0	0	0	0	0	0	0	0.0
ATV Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Snowmobile Operators & Passengers	0	0	0	0	0	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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>

**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	31	27	0	58	0	0	0	0
Motor Vehicle Passenger	12	14	0	26	0	0	0	0
Pedestrian	1	13	0	14	0	0	0	0
Bicyclist	4	1	0	5	0	0	0	0
Motorcyclist (includes passengers)	3	0	0	3	0	0	0	0
ATV Operators & Passengers	1	0	0	1	0	0	0	0
Snowmobile Operators & Passengers	2	0	0	2	0	0	0	0
Farm/Construction Equipment	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Unspecified	0	0	0	0	0	0	0	0
<b>Total</b>	<b>54</b>	<b>55</b>	<b>0</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

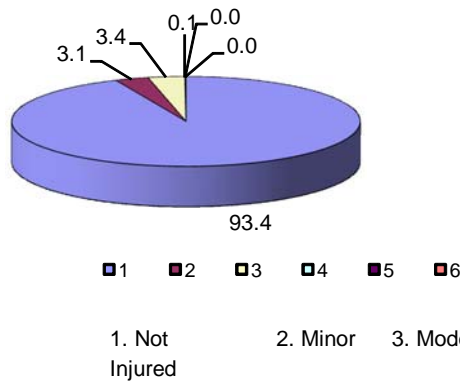
Motor Vehicle\* Occupants by Injury Severity and Restraint Use

Figure 7.6

Injury Severity	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Restraint Use Unknown	Total	%
Not Injured	38	1	902	31	337	1309	94.0
Minimal Injuries	4	0	30	1	3	38	2.7
Minor Injuries	5	0	32	2	5	44	3.2
Major (Hospital Admission)	1	0	1	0	0	2	0.1
Fatal	0	0	0	0	0	0	0.0
Injured - Extent Unknown	0	0	0	0	0	0	0.0
<b>Total</b>	<b>48</b>	<b>1</b>	<b>965</b>	<b>34</b>	<b>345</b>	<b>1393</b>	<b>100.0</b>

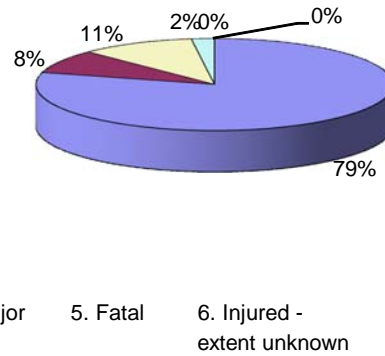
\* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Restraints Used



Restraints Not Used

Figure 7.7



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

Injury Classification

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



## Victims and Occupant Restraints – Section 7

**Motor Vehicle\* Occupants by Injury Severity & Age Group**

Figure 7.8

**Restraints Used**

Injury Severity	0	5	15	20	25	35	45	55	65	Not	Total
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	
Not Injured	33	36	65	106	221	164	139	99	41	30	934
Minimal Injuries	1	4	6	6	6	2	0	3	3	0	31
Minor Injuries	2	0	2	4	11	3	7	3	2	0	34
Major (Hospital Admission)	0	0	1	0	0	0	0	0	0	0	1
Fatal	0	0	0	0	0	0	0	0	0	0	0
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>36</b>	<b>40</b>	<b>74</b>	<b>116</b>	<b>238</b>	<b>169</b>	<b>146</b>	<b>105</b>	<b>46</b>	<b>30</b>	<b>1000</b>

**Restraints Not Used**

Injury Severity	0	5	15	20	25	35	45	55	65	Not	Total
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	
Not Injured	1	1	5	1	4	10	7	2	3	4	38
Minimal Injuries	0	1	0	1	1	1	0	0	0	0	4
Minor Injuries	0	0	0	2	1	0	1	1	0	0	5
Major (Hospital Admission)	0	0	1	0	0	0	0	0	0	0	1
Fatal	0	0	0	0	0	0	0	0	0	0	0
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>11</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>48</b>

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

**Victim Restraint Use Rate by Victim Age**

Figure 7.9

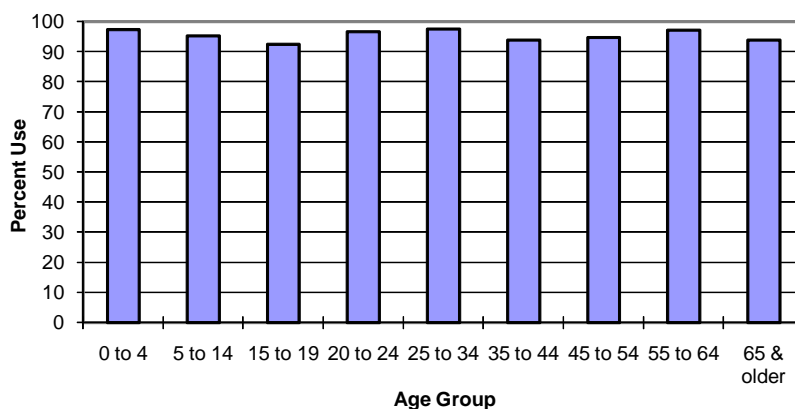


Figure 8.1

**Pedestrians Injured or Killed by Age Group**

	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 & older	Not Stated	Total	%
Injured	0	2	3	1	2	3	2	1	0	0	14	100.0
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>100.0</b>
%	0.0	14.3	21.4	7.1	14.3	21.4	14.3	7.1	0.0	0.0	100.0	

Figure 8.2

**Pedestrians Injured or Killed by Pedestrian Action and Age Group**

	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 & older	Not Stated	Total	%
<b>Pedestrian Action</b>	<b>0</b>	<b>5</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>35</b>	<b>45</b>	<b>55</b>	<b>65</b>	<b>Not Stated</b>	<b>Total</b>	<b>%</b>
Crossing Intersection With Traffic Control, With Right-of-Way	0	1	1	1	2	3	1	0	0	0	9	64.3
Crossing Intersection With Traffic Control, Without Right-of-Way	0	0	1	0	0	0	0	0	0	0	1	7.1
Crossing Intersection - No Traffic Control	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Roadway at Crosswalk	0	0	0	0	0	0	0	1	0	0	1	7.1
Crossing Roadway Not at Intersection	0	1	0	0	0	0	0	0	0	0	1	7.1
Walking Along Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking Along Roadway With Traffic	0	0	1	0	0	0	0	0	0	0	1	7.1
On Sidewalk, Median, Safety Zone	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway With Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Coming from Behind Parked Vehicle/Object on Roadside	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0.0
Getting On/Off School Bus	0	0	0	0	0	0	0	0	0	0	0	0.0
Getting On/Off Other Vehicles	0	0	0	0	0	0	0	0	0	0	0	0.0
Pushing Vehicle on Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Working on Vehicle on Side of Road	0	0	0	0	0	0	1	0	0	0	1	7.1
Playing on Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
Working on Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
Lying on Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0.0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>100.0</b>

**Pedestrians Injured or Killed By Place of Occurrence and Injury Severity**

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	13	13	92.9
Rural	0	1	1	7.1
Unspecified	0	0	0	0.0
<b>Total</b>	<b>0</b>	<b>14</b>	<b>14</b>	<b>100.0</b>

**Pedestrians Injured or Killed by Collision Site**

Figure 8.4

Collision Site	Killed	Injured	Total	%
Non-Intersection	0	2	2	14.3
At Intersection of At Least Two Roadways	0	11	11	78.6
Intersection With Parking Lot/Driveway/Alley	0	1	1	7.1
Railroad Level Crossing	0	0	0	0.0
Bridge/Overpass/Viaduct	0	0	0	0.0
Tunnel or Underpass	0	0	0	0.0
Passing Lane/Climbing Lane	0	0	0	0.0
Other	0	0	0	0.0
Unspecified	0	0	0	0.0
<b>Total</b>	<b>0</b>	<b>14</b>	<b>14</b>	<b>100.0</b>

**Pedestrians Injured or Killed by Pedestrian Condition**

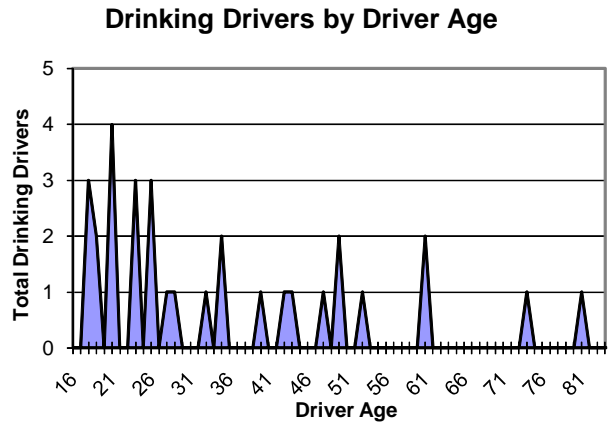
Figure 8.5

Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	13	13	92.9
Had Been Drinking	0	0	0	0.0
Impaired by Alcohol	0	0	0	0.0
Unknown	0	1	1	7.1
<b>Total</b>	<b>0</b>	<b>14</b>	<b>14</b>	<b>100.0</b>

Drinking Drivers in Collisions by Driver Age and Gender

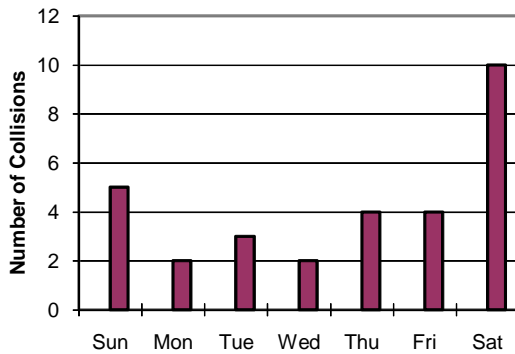
Figure 9.1

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



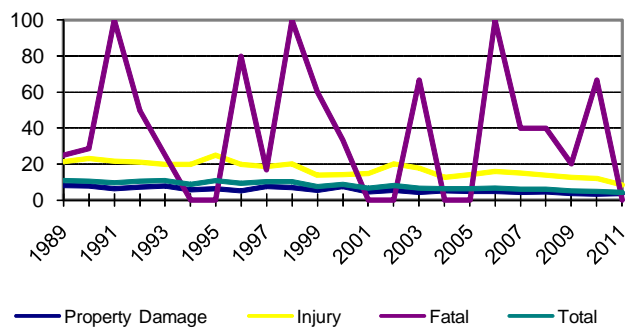
Collisions Involving Alcohol by Day of Week

Figure 9.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 9.3



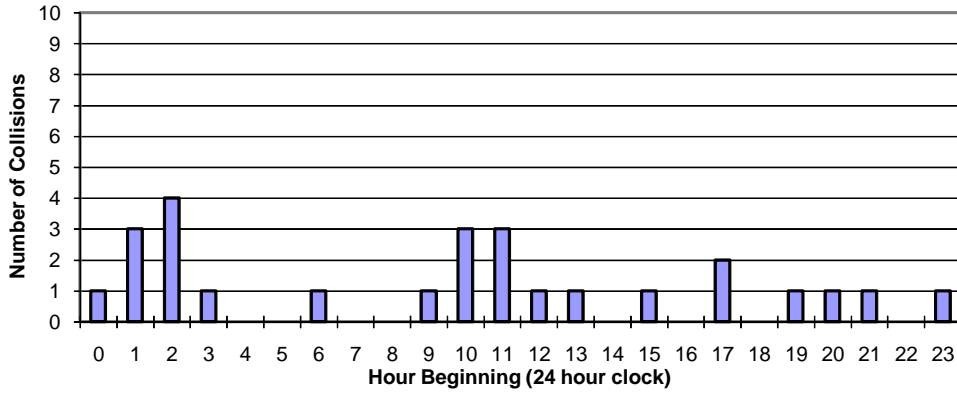
Number of Collisions and Victims Involving Alcohol

Figure 9.4

Year	Number of Collisions				% of Total Collisions	Number of Victims			
	Property Damage	Personal Injury	Fatal	Total		Injured	Killed	Total	% of Total Victims
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	2	43	6.6	19	2	21	18.4
2007	27	17	2	46	6.2	31	2	33	20.5
2008	34	16	2	52	6.0	24	2	26	14.6
2009	21	13	1	35	5.1	18	1	19	12.3
2010	17	10	2	29	5.0	16	2	18	15.5
2011	23	7	0	30	4.3	8	0	8	7.3
<b>Average</b>	<b>28</b>	<b>17</b>	<b>1</b>	<b>46</b>	<b>6.1</b>	<b>27</b>	<b>1</b>	<b>28</b>	<b>16.3</b>

Number of Alcohol Related Collisions by Time of Day

Figure 9.5



Injury Severity by Alcohol Involvement

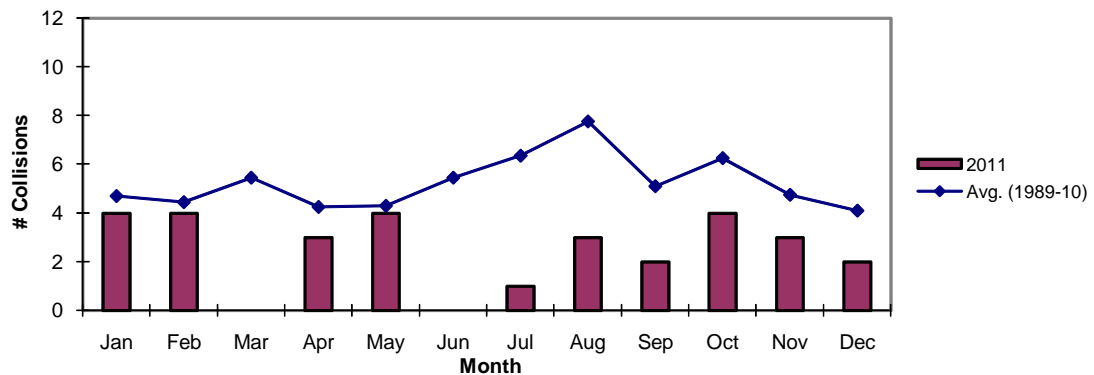
Figure 9.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	54	1,265	1319	4.1
Minimal Injuries	4	38	42	9.5
Minor	4	54	58	6.9
Major	0	3	3	0.0
Fatal	0	0	0	0.0
Injured - Extent Unknown	0	6	6	0.0
<b>Total</b>	<b>62</b>	<b>1366</b>	<b>1428</b>	<b>4.3</b>



Alcohol-Involved Collisions by Month

Figure 9.7



Off-Road Vehicle Collisions by Month and Severity

Figure 10.1

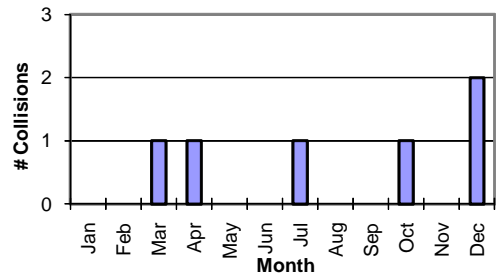
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	0	0	0	0	0	0
February	0	0	0	0	0	0
March	1	0	0	1	0	0
April	0	1	0	1	1	0
May	0	0	0	0	0	0
June	0	0	0	0	0	0
July	0	1	0	1	1	0
August	0	0	0	0	0	0
September	0	0	0	0	0	0
October	0	1	0	1	1	0
November	0	0	0	0	0	0
December	2	0	0	2	0	0
<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>0</b>

Off-Road Vehicle Collisions by Vehicle Type

Figure 10.2

	Snowmobile	ATV	Total
<b>Total Victims</b>	<b>2</b>	<b>1</b>	<b>3</b>
Killed	0	0	0
Injured	2	1	3
<b>Total Vehicles Involved</b>	<b>4</b>	<b>3</b>	<b>7</b>
Fatal	0	0	0
Injury	2	2	4
Property Damage	2	1	3

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	0	0	0	0	0	0	0	0.0
15 to 19	0	0	0	1	0	0	1	16.7
20 to 24	0	0	0	1	0	0	1	16.7
25 to 34	1	0	0	0	0	0	1	16.7
35 to 44	0	0	0	0	0	0	0	0.0
45 to 54	1	0	0	0	0	0	1	16.7
55 to 64	0	0	0	1	0	0	1	16.7
65 & Over	0	0	0	0	0	0	0	0.0
Unknown	0	0	1	0	0	0	1	16.7
<b>Total</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>100.0</b>

Off-Road Vehicle Collisions by Severity and Driver Condition

Figure 10.4

Driver Condition	Property Damage	Personal Injury	Fatal	Total	%
Apparently Normal	1	2	0	3	50.0
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	0	1	0	1	16.7
Under Influence - Alcohol	0	1	0	1	16.7
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0.0
Other Condition	0	0	0	0	0.0
Unknown	1	0	0	1	16.7
<b>Total</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>100.0</b>

**Off-Road Vehicle Collisions by Severity and Driver Action**

Figure 10.5

<b>Driver Action</b>	<b>Property Damage</b>	<b>Personal Injury</b>	<b>Fatal</b>	<b>Total</b>	<b>%</b>
Driving Properly	0	2	0	2	33.3
Following Too Closely	1	0	0	1	16.7
Distracted, Inattentive	0	2	0	2	33.3
Driving Too Fast for Conditions	0	0	0	0	0.0
Improper Turning or Passing	0	0	0	0	0.0
Failed to Yield Right-of-Way	0	0	0	0	0.0
Disobeyed Traffic Control or Officer	0	0	0	0	0.0
Driving on Wrong Side of Road	0	0	0	0	0.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	0	0	0	0.0
Lost Control	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	1	0	0	1	16.7
<b>Total</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>100.0</b>

**Off-Road Vehicle Occupants by Injury Severity and Helmet Use**

Figure 10.6

<b>Injury Severity</b>	<b>Helmet Worn</b>	<b>Helmet Not Worn</b>	<b>Unknown</b>	<b>Total</b>	<b>%</b>
Not Injured	0	0	4	4	57.1
Minimal Injuries	0	0	0	0	0.0
Minor Injuries	0	2	0	2	28.6
Major (Hospital Admission)	0	0	1	1	14.3
Fatal	0	0	0	0	0.0
Injured - Extent Unknown	0	0	0	0	0.0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>100.0</b>



Collisions by Region, RCMP Detachment and Severity

Figure 11.1

A - Inuvik Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Aklavik	2	1	0	3	1	0
Deline	0	0	0	0	0	0
Fort Good Hope	1	1	0	2	1	0
Fort McPherson	8	3	0	11	4	0
Holman	2	1	0	3	1	0
Inuvik	54	8	0	62	10	0
Norman Wells	8	0	0	8	0	0
Sachs Harbour	3	0	0	3	0	0
Tuktoyaktuk	5	1	0	6	1	0
Tulita	4	0	0	4	0	0
<b>Sub Total Inuvik Region</b>	<b>87</b>	<b>15</b>	<b>0</b>	<b>102</b>	<b>18</b>	<b>0</b>

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	9	1	0	10	2	0
Fort Simpson	19	7	0	26	10	0
<b>Sub Total Fort Simpson Region</b>	<b>28</b>	<b>8</b>	<b>0</b>	<b>36</b>	<b>12</b>	<b>0</b>

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	55	10	0	65	18	0
Fort Providence	7	2	0	9	3	0
Fort Resolution	1	2	0	3	2	0
Fort Smith	39	5	0	44	8	0
Lutsel K'e	2	1	0	3	1	0
<b>Sub Total South Slave Region</b>	<b>104</b>	<b>20</b>	<b>0</b>	<b>124</b>	<b>32</b>	<b>0</b>

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Rae/Wha Ti	20	8	0	28	8	0
Yellowknife	374	33	0	407	39	0
<b>Sub Total North Slave Region</b>	<b>394</b>	<b>41</b>	<b>0</b>	<b>435</b>	<b>47</b>	<b>0</b>

<b>Total - All Regions</b>	<b>613</b>	<b>84</b>	<b>0</b>	<b>697</b>	<b>109</b>	<b>0</b>
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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 (2011 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Aklavik	3	213	157	655	1.41	1.91	0.46
Deline	0	180	118	552	0.00	0.00	0.00
Fort Good Hope	2	198	131	745	1.01	1.53	0.27
Fort McPherson	11	350	349	925	3.14	3.15	1.19
Ulukhaktok	3	58	76	479	5.17	3.95	0.63
Inuvik	62	1,861	2,139	3,504	3.33	2.90	1.77
Norman Wells	8	487	795	844	1.64	1.01	0.95
Sachs Harbour	3	37	43	135	8.11	6.98	2.22
Tuktoyaktuk	6	302	302	1,276	1.99	1.99	0.47
Tulita	4	152	134	552	2.63	2.99	0.72
<b>Sub Total Inuvik Region</b>	<b>102</b>	<b>3,838</b>	<b>4,244</b>	<b>9,667</b>	<b>2.66</b>	<b>2.40</b>	<b>1.06</b>

#### B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2011 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Fort Liard	10	214	283	602	4.67	3.53	1.66
Fort Simpson	26	866	1,135	1,649	3.00	2.29	1.58
<b>Sub Total Fort Simpson Region</b>	<b>36</b>	<b>1,080</b>	<b>1,418</b>	<b>2,251</b>	<b>3.33</b>	<b>2.54</b>	<b>1.60</b>

#### C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2011 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Hay River	65	2,745	5,023	4,171	2.37	1.29	1.56
Fort Providence	9	283	378	778	3.18	2.38	1.16
Fort Resolution	3	255	315	480	1.18	0.95	0.63
Fort Smith	44	1,597	2,256	2,478	2.76	1.95	1.78
Lutsel K'e	3	79	55	310	3.80	5.45	0.97
<b>Sub Total South Slave Region</b>	<b>124</b>	<b>4,959</b>	<b>8,027</b>	<b>8,217</b>	<b>2.50</b>	<b>1.54</b>	<b>1.51</b>

#### D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2011 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Behchoko/Whati	28	1,014	1,024	3,029	2.76	2.73	0.92
Yellowknife	407	13,800	17,678	20,149	2.95	2.30	2.02
<b>Sub Total North Slave Region</b>	<b>435</b>	<b>14,814</b>	<b>18,702</b>	<b>23,178</b>	<b>2.94</b>	<b>2.33</b>	<b>1.88</b>

<b>Total - All Regions</b>	<b>697</b>	<b>24,691</b>	<b>32,391</b>	<b>43,675</b>	<b>2.82</b>	<b>2.15</b>	<b>1.60</b>
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## Geographic Distribution – Section 11

Collisions on the NWT Highway System

Figure 11.3

Highway #1 (Mackenzie)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed		
	83.0	30 Dec 2011	Property Damage	Single Vehicle Rollover	0	0		
	152.0	26 Apr 2011	Injury	Single Vehicle Rollover	4	0		
	152.0	17 Dec 2011	Property Damage	Single Vehicle Rollover	0	0		
	153.5	4 Jul 2011	Injury	Single Vehicle Rollover	1	0		
	180.0	28 Dec 2011	Injury	Collision with Parked Vehicle	2	0		
	186.5	2 Dec 2011	Property Damage	Sideswipe - Opposite Direction	0	0		
	255.0	23 Oct 2011	Injury	Single Vehicle Rollover	1	0		
	321.0	19 Jan 2011	Injury	Single Vehicle Rollover	1	0		
	326.0	28 Aug 2011	Injury	Ran Off Road - Right	1	0		
	336.0	3 Aug 2011	Injury	Single Vehicle Rollover	1	0		
	412.3	11 Mar 2011	Property Damage	Collision with Other Animal	0	0		
	426.0	12 Mar 2011	Property Damage	Ran Off Road - Right	0	0		
	430.0	2 Jul 2011	Injury	Single Vehicle Rollover	1	0		
	446.0	24 Feb 2011	Property Damage	Ran Off Road - Right	0	0		
	514.3	16 Mar 2011	Injury	Single Vehicle Rollover	2	0		
	529.5	17 Mar 2011	Property Damage	Other Single Vehicle Collision	0	0		
	590.0	12 Aug 2011	Injury	Single Vehicle Rollover	3	0		
<b>Summary Highway #1</b>			<b>Property Damage Collisions</b>	<b>Personal Injury Collisions</b>	<b>Fatal Collisions</b>	<b>Total Collisions</b>	<b>Persons Injured</b>	<b>Persons Killed</b>
			7	10	0	17	17	0
Highway #2 (Hay River)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed		
	6.0	24 Oct 2011	Injury	Single Vehicle Rollover	3	0		
	8.0	28 Jan 2011	Injury	Ran Off Road - Left	1	0		
	8.0	25 Dec 2011	Property Damage	Single Vehicle Rollover	0	0		
	36.1	24 Dec 2011	Property Damage	Passing - Left Turn	0	0		
	39.0	26 Sep 2011	Injury	Collision with Pedestrian	2	0		
	44.6	31 May 2011	Property Damage	Collision with Parked Vehicle	0	0		
<b>Summary Highway #2</b>			<b>Property Damage Collisions</b>	<b>Personal Injury Collisions</b>	<b>Fatal Collisions</b>	<b>Total Collisions</b>	<b>Persons Injured</b>	<b>Persons Killed</b>
			3	3	0	6	6	0

## Geographic Distribution – Section 11

Highway #3 (Yellowknife)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed		
	64.0	17 Jan 2011	Property Damage	Collision with Parked Vehicle	0	0		
	76.0	11 Oct 2011	Property Damage	Collision with Bison	0	0		
	124.0	2 Jan 2011	Property Damage	Collision with Other Animal	0	0		
	135.0	16 May 2011	Property Damage	Ran Off Road - Right	0	0		
	140.0	22 Nov 2011	Property Damage	Collision with Fixed Object	0	0		
	143.0	11 Jan 2011	Property Damage	Collision with Bison	0	0		
	158.0	4 Jan 2011	Property Damage	Collision with Bison	0	0		
	198.0	29 Sep 2011	Injury	Ran Off Road - Left	1	0		
	215.0	27 Aug 2011	Property Damage	Single Vehicle Rollover	0	0		
	242.0	29 Oct 2011	Property Damage	Ran Off Road - Left	0	0		
	243.5	6 Jan 2011	Property Damage	Ran Off Road - Right	0	0		
	245.0	11 Feb 2011	Injury	Single Vehicle Rollover	1	0		
	246.0	26 Dec 2011	Property Damage	Ran Off Road - Left	0	0		
	252.0	5 Feb 2011	Property Damage	Single Vehicle Rollover	0	0		
	253.0	17 Feb 2011	Injury	Single Vehicle Rollover	1	0		
	256.0	26 Oct 2011	Injury	Single Vehicle Rollover	1	0		
	257.0	27 Nov 2011	Property Damage	Collision with Bison	0	0		
	258.5	3 Mar 2011	Injury	Sideswipe - Opposite Direction	1	0		
	288.0	2 May 2011	Injury	Ran Off Road - Right	1	0		
	292.0	26 Dec 2011	Injury	Single Vehicle Rollover	1	0		
	306.0	26 May 2011	Property Damage	Ran Off Road - Right	0	0		
	325.0	19 Jan 2011	Injury	Single Vehicle Rollover	1	0		
	331.0	30 Jan 2011	Property Damage	Collision with Other Animal	0	0		
	335.7	25 Jul 2011	Injury	Passing - Left Turn	1	0		
	335.7	3 Aug 2011	Property Damage	Right Turn - Perpendicular Road	0	0		
	336.8	14 Nov 2011	Property Damage	Ran Off Road - Right	0	0		
	338.0	4 May 2011	Property Damage	Sideswipe - Opposite Direction	0	0		
	338.8	23 Jan 2011	Property Damage	Other Multi-Vehicle Different Direction	0	0		
	338.8	16 Feb 2011	Property Damage	Rear End	0	0		
<b>Summary Highway #3</b>			<b>Property Damage Collisions</b>	<b>Personal Injury Collisions</b>	<b>Fatal Collisions</b>	<b>Total Collisions</b>	<b>Persons Injured</b>	<b>Persons Killed</b>
			20	9	0	29	9	0

## Geographic Distribution – Section 11

Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	1 Feb 2011	Injury	Left Turn Across Path	1	0
	0.0	16 Feb 2011	Injury	Left Turn Across Path	4	0
	1.5	22 Dec 2011	Property Damage	Collision with Fixed Object	0	0
	2.0	1 Sep 2011	Property Damage	Ran Off Road - Right	0	0
	4.0	17 Nov 2011	Property Damage	Single Vehicle Rollover	0	0
	10.5	15 Apr 2011	Property Damage	Ran Off Road - Left	0	0
	20.0	23 Jul 2011	Injury	Ran Off Road - Left	1	0
	40.0	29 Oct 2011	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
	5	3	0	8	6	0

Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	7.5	12 Sep 2011	Injury	Ran Off Road - Left	1	0
	16.0	7 Jan 2011	Injury	Single Vehicle Rollover	3	0
	27.3	22 Jul 2011	Property Damage	Collision with Other Animal	0	0
	27.3	5 Oct 2011	Injury	Collision with Fixed Object	1	0
	30.0	6 Oct 2011	Property Damage	Collision with Fixed Object	0	0
	50.0	14 Nov 2011	Property Damage	Single Vehicle Rollover	0	0
	50.0	18 Nov 2011	Property Damage	Single Vehicle Rollover	0	0
	103.5	14 Aug 2011	Property Damage	Collision with Bison	0	0
	106.0	1 Oct 2011	Injury	Single Vehicle Rollover	1	0
	106.1	30 May 2011	Property Damage	Single Vehicle Rollover	0	0
	136.0	11 Aug 2011	Property Damage	Collision with Bison	0	0
	146.0	5 Jan 2011	Injury	Rear End	3	0
	150.0	21 Aug 2011	Injury	Single Vehicle Rollover	1	0
	176.0	8 Nov 2011	Property Damage	Collision with Bison	0	0
	181.0	6 May 2011	Property Damage	Ran Off Road - Right	0	0
	182.0	25 Aug 2011	Property Damage	Collision with Fixed Object	0	0

Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	10	6	0	16	10	0

Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	62.0	UU May 2011	Injury	Single Vehicle Rollover	1	0

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

## Geographic Distribution – Section 11

Highway #7 (Liard Highway)	On Km Collision		Collision	Collision	# Persons	# Persons
	Date		Severity	Configuration	Injured	Killed
	16.0	15 Sep 2011	Property Damage	Ran Off Road - Right	0	0
	32.0	2 Jul 2011	Property Damage	Rear End	0	0
	47.6	23 Nov 2011	Injury	Single Vehicle Rollover	2	0
	50.0	28 Feb 2011	Property Damage	Ran Off Road - Right	0	0
	190.0	11 Aug 2011	Property Damage	Single Vehicle Rollover	0	0

Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	4	1	0	5	2	0

Highway #8 (Dempster Highway)	On Km Collision		Collision	Collision	# Persons	# Persons
	Date		Severity	Configuration	Injured	Killed
	56.0	8 May 2011	Property Damage	Ran Off Road - Right	0	0
	68.0	25 Mar 2011	Property Damage	Ran Off Road - Right	0	0
	80.0	2 Aug 2011	Injury	Single Vehicle Rollover	2	0
	90.0	12 Oct 2011	Property Damage	Single Vehicle Rollover	0	0
	110.0	15 Apr 2011	Property Damage	Collision with Moving Object	0	0
	114.3	27 Aug 2011	Property Damage	Single Vehicle Rollover	0	0
	142.6	11 Jul 2011	Property Damage	Other Single Vehicle Collision	0	0
	144.0	27 Jan 2011	Injury	Single Vehicle Rollover	1	0
	144.6	10 Jul 2011	Property Damage	Ran Off Road - Left	0	0
	199.0	24 Oct 2011	Injury	Single Vehicle Rollover	1	0
	233.0	11 Aug 2011	Injury	Single Vehicle Rollover	2	0
	247.0	21 Jan 2011	Injury	Single Vehicle Rollover	1	0
	251.0	3 Jun 2011	Property Damage	Ran Off Road - Right	0	0
	256.0	2 Oct 2011	Property Damage	Single Vehicle Rollover	0	0
	264.3	11 Oct 2011	Injury	Single Vehicle Rollover	1	0

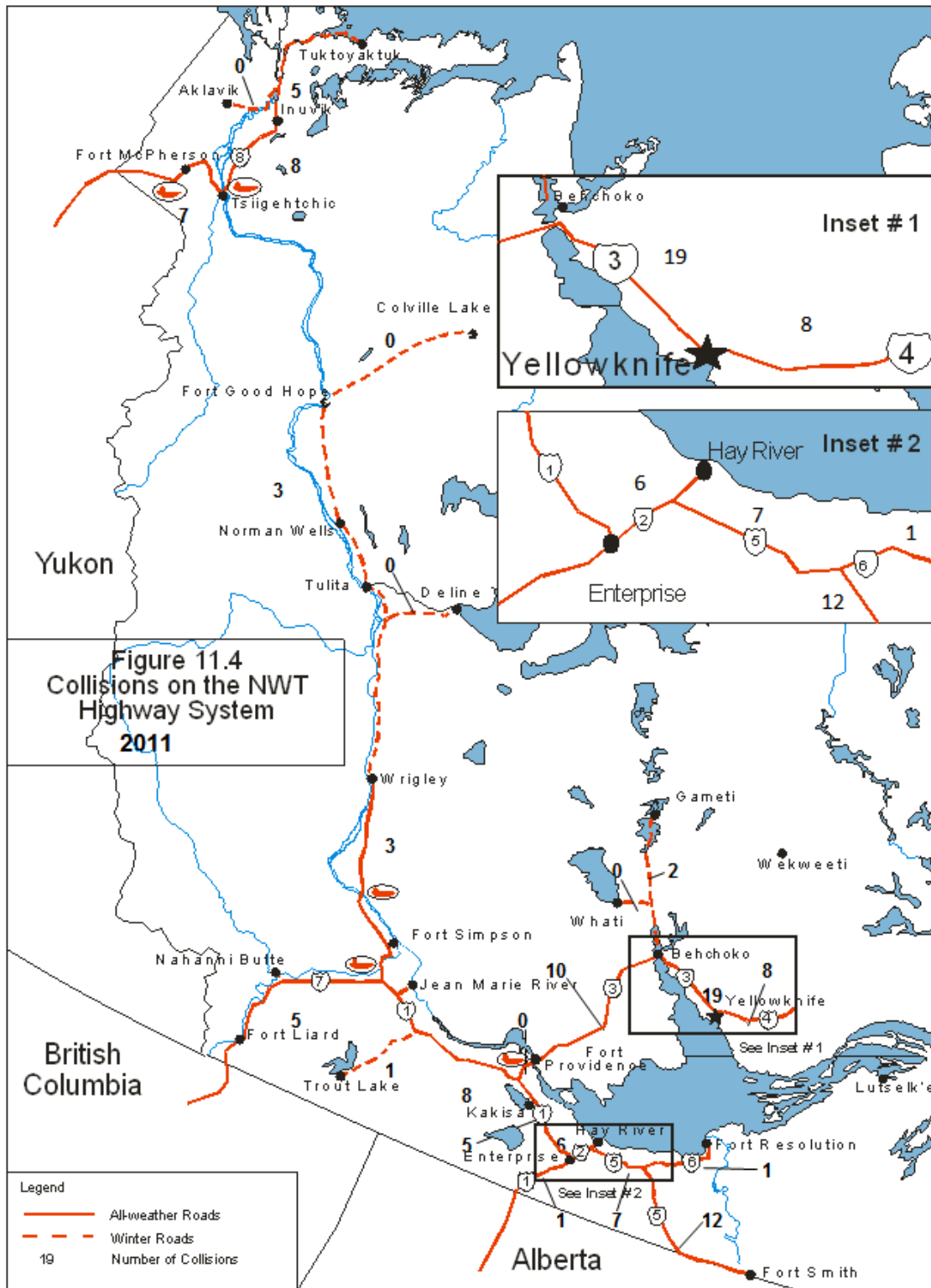
Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	9	6	0	15	8	0

## Geographic Distribution – Section 11

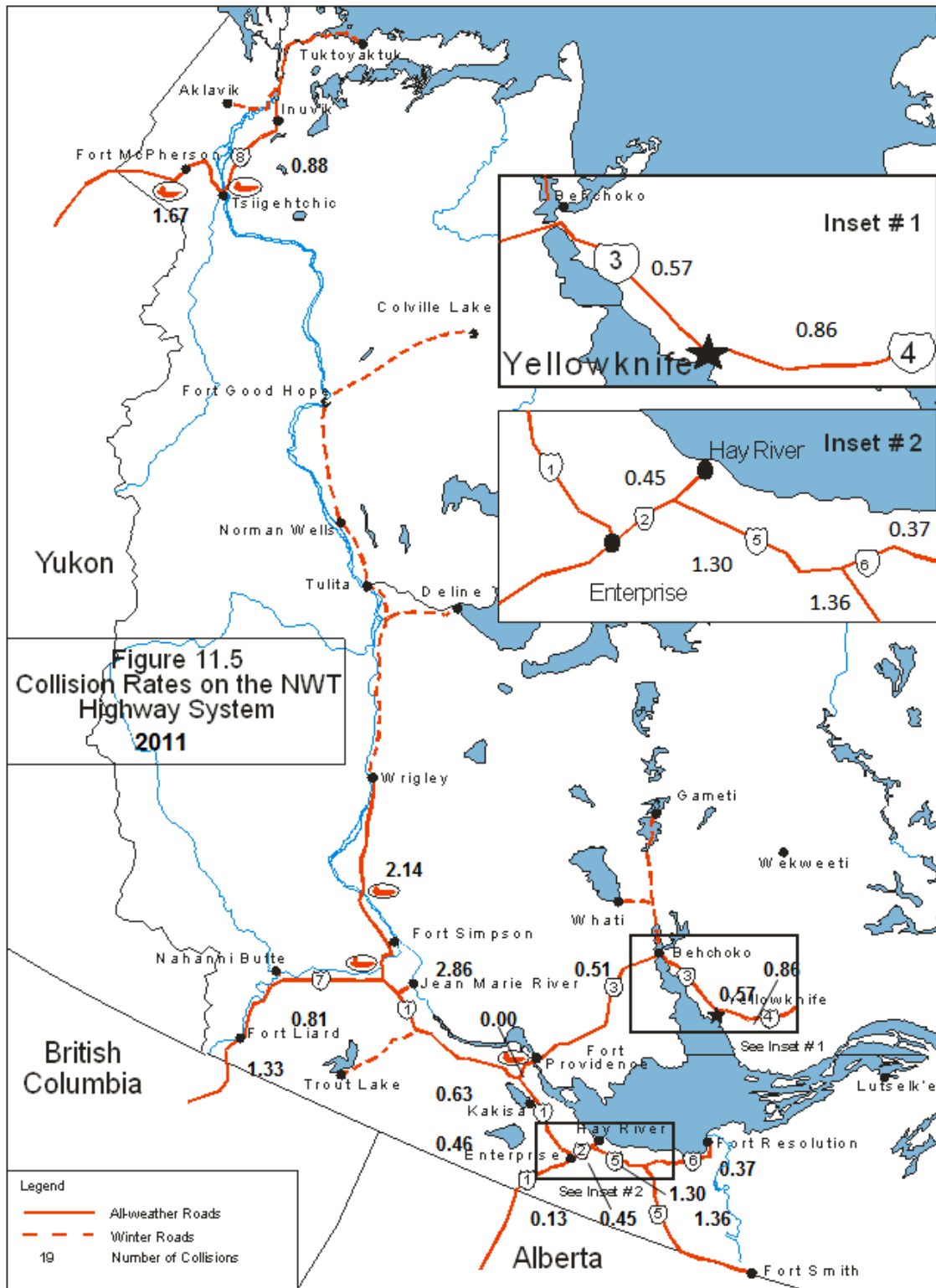
Access and Winter Roads	Collision		Collision Severity	Collision Configuration	# Persons	
	Date				Injured	Killed
Fort Providence Access Road	14	Jan 2011	Property Damage	Collision with Other Animal	0	0
Fort Simpson Access Road	7	May 2011	Property Damage	Collision with Fixed Object	0	0
Hay River Reserve Access Road	2	Mar 2011	Property Damage	Single Vehicle Rollover	0	0
Prelude East Access Road	20	Dec 2011	Property Damage	Right Turn - Perpendicular Road	0	0
Rae Access Road	21	Jan 2011	Property Damage	Collision with Bison	0	0
Vee Lake Access Road	4	Mar 2011	Property Damage	Ran Off Road - Right	0	0
Vee Lake Access Road	26	Dec 2011	Property Damage	Head-on	0	0
Yellowknife Access Road	1	Feb 2011	Property Damage	Collision with Fixed Object	0	0
Yellowknife Access Road	29	Nov 2011	Property Damage	Right Angle	0	0
Yellowknife Access Road	1	Dec 2011	Property Damage	Collision with Fixed Object	0	0
Dettah Winter Access Road	10	Feb 2011	Property Damage	Ran Off Road - Right	0	0
Dettah Winter Access Road	27	Feb 2011	Property Damage	Collision with Parked Vehicle	0	0
Dettah Winter Access Road	6	Apr 2011	Property Damage	Collision with Parked Vehicle	0	0
Inuvik-tuktoyaktuk Winter Road	16	Mar 2011	Property Damage	Single Vehicle Rollover	0	0
Inuvik-tuktoyaktuk Winter Road	24	Mar 2011	Property Damage	Single Vehicle Rollover	0	0
Inuvik-tuktoyaktuk Winter Road	27	Mar 2011	Property Damage	Ran Off Road - Right	0	0
Inuvik-tuktoyaktuk Winter Road	4	Apr 2011	Injury	Ran Off Road - Right	1	0
Inuvik-tuktoyaktuk Winter Road	10	Dec 2011	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	18	Feb 2011	Injury	Single Vehicle Rollover	1	0
Mackenzie Highway Winter Road	22	Mar 2011	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	28	Dec 2011	Property Damage	Sideswipe - Opposite Direction	0	0
Rae Lakes Winter Access Road	2	Apr 2011	Injury	Single Vehicle Rollover	1	0
Rae Lakes Winter Access Road	3	Apr 2011	Property Damage	Ran Off Road - Left	0	0
Trout Lake Winter Access Road	28	Feb 2011	Property Damage	Collision with Fixed Object	0	0

Summary Access and Winter Roads	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	21	3	0	24	3	0

Summary All NWT Highways	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	81	43	0	124	64	0







Casualty Rates by Canadian Jurisdiction - 2010 [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
<b>Canada</b>	<b>6.5</b>	<b>494.7</b>	<b>6.6</b>	<b>504.0</b>	<b>9.5</b>	<b>724.7</b>
Newfoundland & Labrador	5.5	404.6	5.8	426.2	7.7	567.1
Prince Edward Island	6.2	444.3	6.9	493.7	9.1	655.0
Nova Scotia	7.4	512.7	6.9	476.9	10.2	707.5
New Brunswick	12.3	457.1	11.5	425.9	16.9	626.5
Quebec	6.0	543.5	6.6	594.2	9.4	849.5
Ontario	4.3	472.1	4.5	498.3	6.2	682.9
Manitoba	7.0	560.3	7.2	581.0	11.0	886.6
Saskatchewan	15.8	617.7	12.8	499.5	23.1	905.3
Alberta	9.1	483.0	6.6	349.5	12.4	655.8
British Columbia	8.0	457.1	10.1	579.3	11.6	665.7
Yukon	11.5	634.6	7.9	433.9	15.4	848.5
<b>Northwest Territories</b>	<b>6.9</b>	<b>258.2</b>	<b>9.4</b>	<b>353.6</b>	<b>12.1</b>	<b>455.9</b>
Nunavut	6.0	123	60.2	1,234.6	48.3	989.4

[1] Canadian Motor Vehicle Traffic Collision Statistics: 2010. Published by Transport Canada.

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

# Appendix A1 – Collision Report Form Side I

Northwest Territories ACCIDENT REPORT		02. POLICE DETACHMENT	N T 1 0 0	03. CASE NUMBER	PAGE	OF
1. In <input type="checkbox"/> 2. Near <input type="checkbox"/> Community of _____ (Give Park, Special Area Etc.)		31. DIRECTION OF TRAVEL		REPORT TYPE	REPORT STATUS	09. HOUR
On Km _____ Of Highway Number _____ Or Street/Road/Avenue _____				1. Original 3. Amendment	1. Complete 2. Incomplete	00-23 UU. Unk.
At Intersection With _____ Of Highway Number _____ Or Street/Road/Avenue _____				04. SCENE ATTENDED	05. - 08. DATE OF COLLISION	11. NO. KILLED
If Not At Intersection _____ metres _____ of Street, Highway, Town, Etc.		9. Parked <input type="checkbox"/> 5. Other <input type="checkbox"/> U. Unknown <input type="checkbox"/>		1. Yes 2. No	yy mm dd	UU. Unknown
Special Reference _____ If Location Can Be Described More Precisely, Enter Here		10. COLLISION SEVERITY		15. HIT AND RUN	12. NO. INJURED	
14. TYPE		21. Rear End		1. Fatal 3. Property Damage	1. Yes 2. No	
01. Hit Moving Object		23. Passing - Left Turn		2. Injury U. Unknown		
03. Off Road Left		25. Other Multi-Vehicle Same Direction		32. Sideswipe-Opposite Direction	34. Right Turn Including Conflict	35. Other Multi-Vehicle Opposite Direction
05. Roll-over on Roadway		22. Sideswipe Same-Direction		33. Left Turn Across Path	41. Hit Parked Vehicle	Q0. Other Collision Type
02. Hit Stationary Object		24. Passing - Right Turn		31. Head-On		UU. Unknown Collision Type
04. Off Road Right		29. VEH. SEQUENCE #		43. FIRST IMPACT LOCATION		42. DAMAGE SEVERITY
06. Other Single Vehicle		99. Ped. UU. Unk.		15. Right Rear Two-Thirds		1. None
30. TOTAL OCCUPANTS		30. TOTAL OCCUPANTS		16. Entire Right Side		2. Minimal
LAST NAME _____ FIRST NAME(S) _____		LAST NAME _____ FIRST NAME(S) _____		17. Right Side Unspecified		3. Moderate
ADDRESS _____		ADDRESS _____		18. Undercarriage		4. Severe
ADDRESS _____		ADDRESS _____		19. Interior		5. Demolished
DATE OF BIRTH _____ SEX _____ HOME PHONE _____ WORK PHONE _____		DATE OF BIRTH _____ SEX _____ HOME PHONE _____ WORK PHONE _____		20. Attachment		Q. Other U. Unknown
DRIVER'S LICENCE # _____ 59. PROV / STATE _____ 67. Years Licensed _____		DRIVER'S LICENCE # _____ 59. PROV / STATE _____ 67. Years Licensed _____		09. Entire Left Side		
58. STATUS		58. STATUS		10. Left Side - Unspecified		
1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended		1. Valid 2. Incorrect 3. Not Licensed 4. Revoked/Suspended		14. Right Front Two-Thirds		
5. Expired 0. Other N. Not Applicable U. Unknown		5. Expired 0. Other N. Not Applicable U. Unknown		61. POSITION		62. EJECTION REQUIRED
34. YEAR MAKE/MODEL		34. YEAR MAKE/MODEL		11 12 13		1. Not Ejected
LICENCE PLATE # EXP 32. PROV 33. VIN		LICENCE PLATE # EXP 32. PROV 33. VIN		21 22 23		2. Partially Ejected
LAST NAME _____ FIRST NAME(S) _____		LAST NAME _____ FIRST NAME(S) _____		31 32 33		3. Fully Ejected
ADDRESS _____ SAME AS ABOVE		ADDRESS _____ SAME AS ABOVE		63. EJECTION LOCATION		4. N/A Vehicle Type
HOME PHONE _____ WORK PHONE _____		HOME PHONE _____ WORK PHONE _____		01. Windshield		5. Fatal
INSURANCE COMPANY _____ ADDRESS _____		INSURANCE COMPANY _____ ADDRESS _____		02. Adjacent Side Window		6. Death - Natural Causes
POLICY NUMBER _____ EXPIRY DATE _____		POLICY NUMBER _____ EXPIRY DATE _____		03. Opposite Side Window		7. Injured - Extent Unknown
29. Veh Seq #		54. Person Seq #		04. Adjacent Side Door		8. Injured - Extent Unknown
55. Sex F. Female M. Male U. Unk.		61. Position		05. Opposite Side Door		9. Injured - Extent Unknown
56. Age 00 < 1 Yr. UU. Unk.		62. Ejection		06. Rear Window or Gate		10. Reflective Clothing Worn
63. Ejection Location		64. Medical Treatment Required		07. Sun Roof		11. Helmet & Reflective Clothing Worn
65. Safety Equipment		66. Proper Use		08. Rear Window or Gate		12. Other Device Used
67. Air Bag Deployed				09. Pedestrian		13. No Safety Device Fitted
				Q0. Other UU. Unknown		UU. Unknown
				N. Not Ejected		66. PROPER USE
				Q. Other U. Unknown		1. Used Correctly
						2. Used Incorrectly
						3. No Safety Device Fitted
						N. No Safety Device Used
						Q. Other U. Unknown
						67. AIR BAG DEPLOYED
						1. No Air Bag Fitted
						2. Air Bag Fitted, No Deployment
						3. Air Bag Fitted, Deployed
						4. Air Bag Fitted, Deployment Unknown
						N. Not Applicable Vehicle Type
						Q. Other U. Unknown
Officer's Signature _____		Name _____		Rank _____		Date Reviewed _____
						Reviewed By: _____

# Appendix A2 – Collision Report Form Side II

<b>16. ROADWAY CONFIGURATION</b> 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 Q. Other U. Unknown	<b>24. ROAD SURFACE</b> 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 Q. Other U. Unknown	11. Urban Transit Bus 12. Intercity Bus 14. Motorcycle 15. Motorcycle - Speed Limited 16. Off-Road Vehicle 17. Bicycle 18. Purpose-Built Motor Home 19. Farm Equipment 20. Construction Equipment 22. Snowmobile QQ. Other U.U. Unknown	<b>41. VEHICLE MANOEUVRE</b> 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 QQ. Other U.U. Unknown	<b>48. DRIVER ACTION</b> 21. Following Too Closely 22. Distracted, Inattentive 23. Driving Too Fast For Conditions 24. Improper Turning Or Passing 25. Fail To Yield Right-Of-Way 26. Disobeyed Traffic Control Device/Police Officer 27. Driving On Wrong Side Of Road 29. Backing Unsafely 30. Lost Control NN. Driving Properly QQ. Other U.U. Unknown	<b>68. PEDESTRIAN ACTION</b> 01. Crossing Intersection With ROW/Vehicle/Object 02. Crossing Intersection Without ROW 04. In Crosswalk 05. Crossing Roadway At Midblock 06. Walking On Roadway Against Traffic 07. Walking On Roadway With Traffic 08. On Sidewalk, Median, Safety Zone 11. Coming From Behind Parked Vehicle/Object 12. Coming From Behind Moving Vehicle 13. Running Into Roadway 14. Getting On/Off School Bus 15. Getting On/Off Vehicle 16. Pushing Vehicle Ped 1 17. Working On Vehicle Ped 2 18. Playing On Road Ped 3 19. Working On Road Ped 3 20. Lying On Road Ped 3 NN. Not a Pedestrian QQ. Other U.U. Unknown Ped 4	<b>INDEPENDENT WITNESSES</b> Last Name First Name Address Home Phone Work Phone Last Name First Name Address Home Phone Work Phone										
<b>17. WEATHER CONDITION</b> 1. Clear and/or Sunny 2. Overcast, Cloudy - No Precipitation 3. Raining 4. Snowing, Not Including Drifting Snow 5. Freezing Rain, Sleet, Hail 6. Visibility Limitation (Eg. Fog, Smoke, Dust, Mist) 7. Strong Wind Q. Other U. Unknown	<b>25. ROAD CONDITION</b> 1. Good 2. Potholes, Bumps, Ruts 3. Under Construction, Repair 4. Uneven 5. Worn 6. Obscured/Faded Markings Q. Other U. Unknown	<b>36. VEHICLE USE</b> 01. Taxi 02. School Bus 03. Other Bus 04. Military 05. Police Cruiser 06. Other Police 07. Ambulance 08. Hearse 09. Tow Truck 10. Delivery Vehicle 11. Road Maintenance 12. Utilities Maintenance 13. Fire Response 99. No Special Use QQ. Other U.U. Unknown	<b>44-46. VEHICLE EVENTS</b> 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 EVT1 08. Submersion 09. Other Non-Collision Event HIT MOVING OBJECTS: 11. Hit Moving or Stopped Motor Vehicle 12. Hit Pedestrian 13. Hit Bicyclist EVT2 14. Hit Animal 15. Hit Train EVT3 19. 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 39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other U.U. Unknown	<b>50. ENVIRONMENTAL FACTORS</b> 51. Animal On Roadway 52. Road Surface Or Other Condition 53. Obstruction On Road 54. View Obstructed, Glare, Reflection 55. Weather Or Acts Of God NN. No Environmental Factors QQ. Other U.U. Unknown	<b>52. DANGEROUS GOODS CLASS</b> 1. Explosives 2. Gases 3. Flammable Liquids 4. Flammable Solids, Spontaneous Combustibles 5. Oxidizers & Organic Peroxides 6. Poisonous & Infectious Substances 7. Radioactives 8. Corrosives 9. Misc. Dangerous Goods N. Not a Commercial Vehicle Q. Other U. Unknown	<b>53. LOAD STATUS</b> 1. Fully/Partially Loaded 2. Not Loaded N. Not a Commercial Vehicle Q. Other U. Unknown	<b>60. BLOOD ALCOHOL CONCENTRATION</b> 600. Not Tested, Driver/Pedestrian 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger U.U. Unknown Driver 1 Driver 2 Ped 1 Ped 2 Ped 3 Ped 4									
<b>18. LIGHT CONDITION</b> 1. Daylight 2. Dawn 3. Dusk 4. Darkness U. Unknown	<b>26. ROAD ALIGNMENT</b> 1. Straight And Level 2. Straight With Grade 3. Curved And Level 4. Curved With Grade 5. Top Of Hill/Gradient 6. Bottom Of Hill/Gradient Q. Other U. Unknown	<b>37. EMERGENCY USE</b> 1. Yes 2. No N. Not an Emergency Vehicle U. Unknown	<b>38. TRAILER TYPE</b> 1. Recreational Trailer 2. Light Utility Trailer (Boat) 3. Commercial Full Trailer 4. One Semi-Trailer 5. Two Semi-Trailers, A-Train 6. Two Semi-Trailers, B-Train 7. Two Semi-Trailers, C-Train 8. Two Semi-Trailers, Connector Unknown 9. Three Semi-Trailers N. No Trailers Q. Other U. Unknown	<b>39. USE OF HEADLIGHTS</b> 1. No Headlights On/Not Equipped 2. Daytime Running Lights On 3. Headlights On 4. Parking Lights Only On 5. Fog Or Auxiliary Lights On Q. Other U.U. Unknown	<b>40. VEHICLE SPEED</b> 000. Stopped in Traffic NNN. Parked U.U. Unknown	<b>47. DRIVER/PEDESTRIAN CONDITION</b> 1. Fatigued/Fell Asleep 2. Inexperience 3. Under Influence - Alcohol 4. Under Influence - Drugs 5. Sudden Illness, Lost Consciousness N. Apparently Normal Q. Other U. Unknown	<b>55. VEHICLE TYPE</b> 01. Passenger Car 02. Passenger Van 03. Light Utility Vehicle 04. Pickup Truck, To 4500 kg 05. Panel/Cargo Van, To 4500 kg 06. Other Truck, Van, To 4500 kg 08. Road Tractor 09. School Bus	<b>27. TRAFFIC CONTROL</b> 01. Traffic Signals - Oper. 02. Traffic Signals - Flashing 03. Stop Sign 04. Yield Sign 05. Warning Sign 06. Pedestrian Crosswalk 07. Police Officer 08. School Guard, Flagman 09. School Crossing 10. Reduced Speed Zone 11. No Passing Zone Sign 12. Road Markings 13. School Bus Stopped/ Lights Flashing 14. School Bus Stopped/ Lights Not Flashing 15. Rail Crossing With Signals and/or Gates 16. Rail X-ing, Signs Only 17. Unspec. Control Device 18. No Control Present QQ. Other U.U. Unknown	<b>28. POSTED SPEED LIMIT</b> U.U. Unknown	<b>20. ROAD CLASSIFICATION I</b> 1. Urban 2. Rural U. Unknown	<b>21. ROAD CLASSIFICATION II</b> 2. Arterial 3. Collector 4. Local Q. Other (Parking Lot) U. Unknown	<b>22. ROAD CLASSIFICATION III</b> 1. One-Way, 2-Lane 2. One-Way, Multi-Lane 3. Undivided, 2-Way, 2-Lane 4. Undivided, 2-Way, Multi-Lane 5. Divided, With Barrier 6. Divided, With Median 7. Divided, Type Unspecified Q. Other (Parking Lot) U. Unknown	<b>23. ROAD MATERIAL</b> 1. Asphalt 2. Concrete 3. Gravel 4. Earth, Dirt 5. Chip-Seal 6. Brick/Cobblestone 7. Wood 8. Steel Deck 9. Ice Road Q. Other U. Unknown	<b>DIAGRAM</b> Use Solid Direction Lines Before Impact and Broken Lines After 	<b>POLICE COMMENTS</b> DRIVER AT FAULT Y. Driver Wholly/Partially At Fault N. Driver Not At Fault U. Unknown	<b>CHARGES LAID</b> Y. Charges Laid Against Driver N. Charges Not Laid U. Unknown/Pending/Proposed

## **Appendix A3 – Brief Description of Fatal Collisions**

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There were no fatal traffic collisions in the Northwest Territories in 2011, the first year ever since the inception of the Traffic Collision Information System in 1989.