

1997 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 Transportation Planning 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) 920-3395, or by facsimile at (867) 873-0120.

1997 QUICK FACTS REPORT

1997 Compared to 1996

	<u>1996</u>	<u>1997</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	486	443	-8.8
PERSONAL INJURY COLLISIONS	142	151	6.3
FATAL COLLISIONS	10	6	-40.0
TOTAL REPORTED COLLISIONS	638	600	-6.0
NUMBER OF PERSONS KILLED	10	8	-20.0
NUMBER OF PERSONS INJURED	207	221	6.8
NWT HIGHWAY SYSTEM COLLISIONS	126	142	12.7
RURAL COLLISIONS	5	12	140.0
COLLISIONS IN COMMUNITIES	507	446	-12.0
REGISTERED VEHICLES	22,278	21,956	-1.4
LICENSED DRIVERS	22,297	20,850	-6.5
NWT POPULATION [1]	41,800	41,800	0.0
COLLISIONS PER 100 LICENSED DRIVERS	2.86	2.88	0.6
COLLISIONS PER 100 REGISTERED VEHICLES	2.86	2.73	-4.6
COLLISIONS PER 100 POPULATION	1.53	1.44	-6.0
COLLISIONS INVOLVING ALCOHOL	61	62	1.6

[1] 1996 and 1997 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 1998.

Introduction

The Traffic Collision Information System (TCIS) is a computer-based system that compiles information on traffic collisions occurring throughout the Northwest Territories. This information is obtained from the motor vehicle collision (MVA) report form that is completed by Royal Canadian Mounted Police detachments in accordance with Section 262 of the Motor Vehicles Act.

TCIS provides valuable information for many traffic collision countermeasure programs. TCIS, the MVA report form, and various collision publications are administered by the GNWT Department of Transportation, Road Licensing and Safety Division. 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 MVA forms from their collision investigations.

TCIS 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. TCIS only records reportable motor vehicle collisions which occur on or adjacent to roadways intended for use by the general public. The following is a list of words and terms used in reportable collisions:

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

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

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

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

- (a) an aircraft or a marine vehicle,
- (b) a device that runs or is designed to run exclusively on rails,

- (c) a mechanically propelled wheelchair or mobility device.

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

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

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

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.

TRAFFIC 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.

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

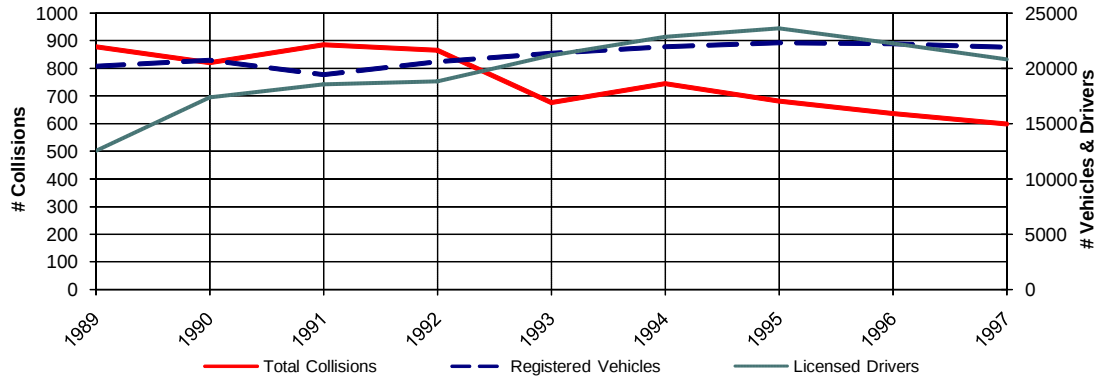
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Trends in Licensed Drivers, Registered Vehicles and Collisions

Figure 1.1

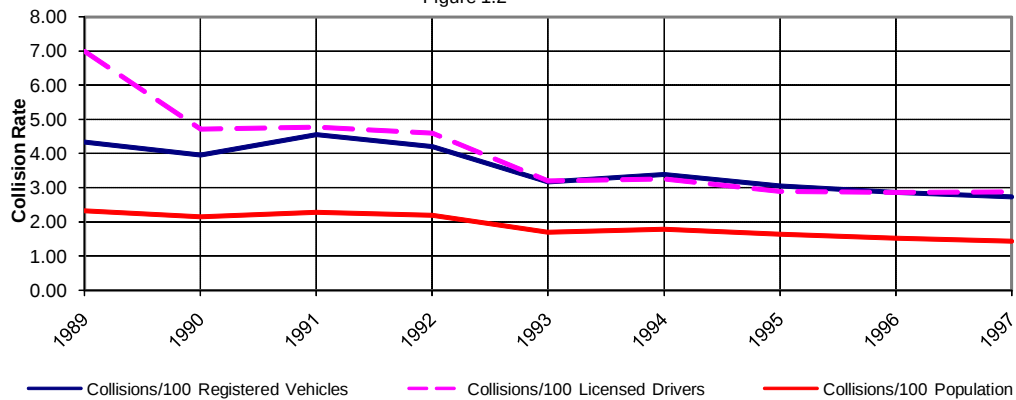


3 Year Summary

	1995	1996	1997	% Change
Registered Vehicles	22,350	22,278	21,956	-1.4
Licensed Drivers	23,635	22,297	20,850	-6.5
Total Collisions	682	638	600	-6.0

Trends in Collision Rates by Vehicles, Drivers and Population

Figure 1.2

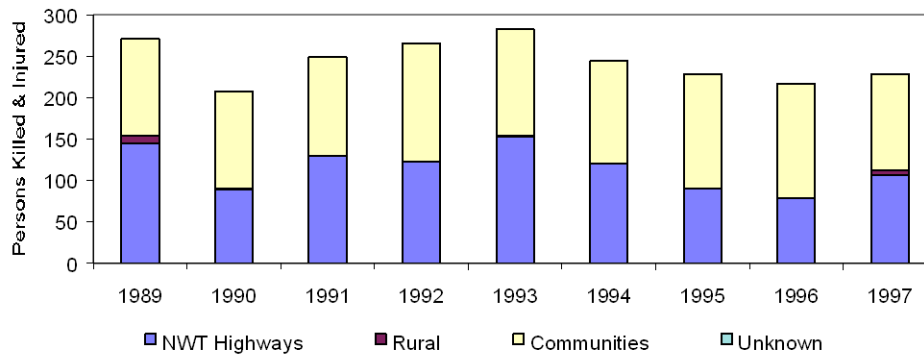


3 Year Summary

	1995	1996	1997	% Change
Collisions/100 Registered Vehicles	3.05	2.86	2.73	-4.6
Collisions/100 Licensed Drivers	2.89	2.86	2.88	0.6
Collisions/100 Population	1.64	1.53	1.44	-6.0

Trends in Injuries & Fatalities

Figure 1.3

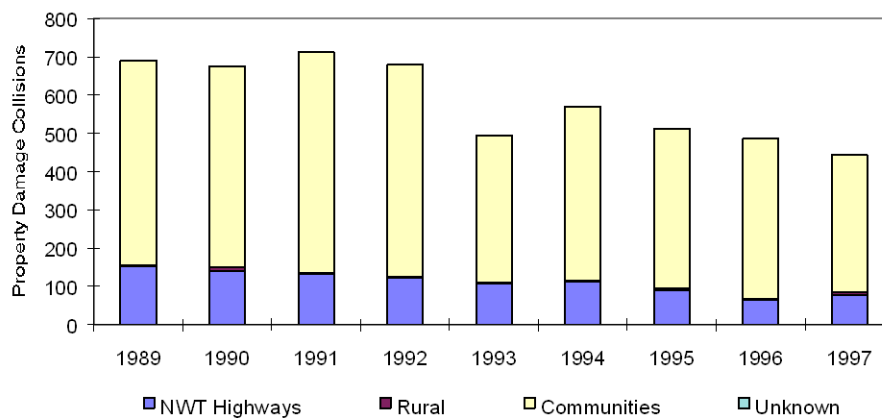


3 Year Summary

	Persons Injured					Persons Killed			
	1995	1996	1997	% Change		1995	1996	1997	% Change
NWT Highways	89	85	100	17.6	4	6	6		0.0
Rural	1	2	5	150.0	0	0	1		-
Communities	134	120	116	-3.3	0	4	1		-75.0
Total	224	207	221	6.8	4	10	8		-20.0

Trends in Property Damage Collisions

Figure 1.4

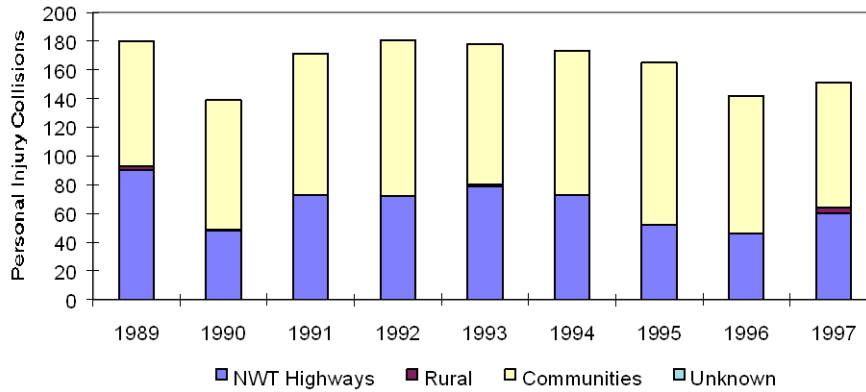


3 Year Summary

	Property Damage Collisions			
	1995	1996	1997	% Change
NWT Highways	94	70	78	11.4
Rural	8	3	7	133.3
Communities	411	413	358	-13.3
Total	513	486	443	-8.8

Trends in Personal Injury Collisions

Figure 1.5

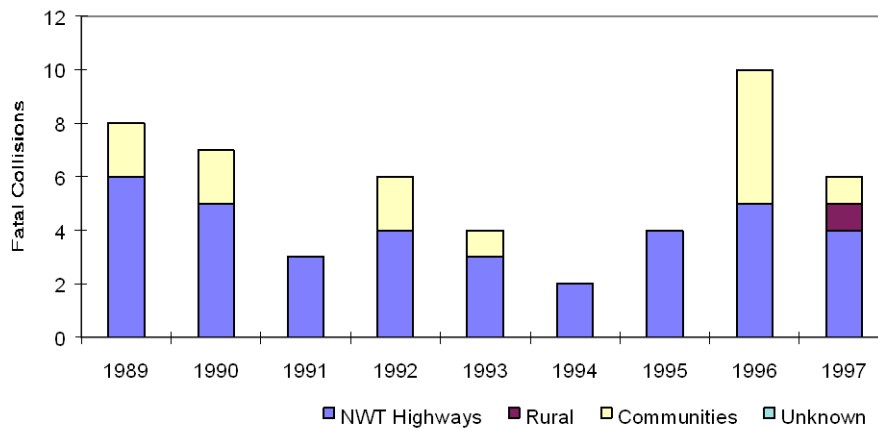


3 Year Summary

	Personal Injury Collisions			
	1995	1996	1997	% Change
NWT Highways	54	50	60	20.0
Rural	1	2	4	100.0
Communities	110	90	87	-3.3
Total	165	142	151	6.3

Trends in Fatal Collisions

Figure 1.6

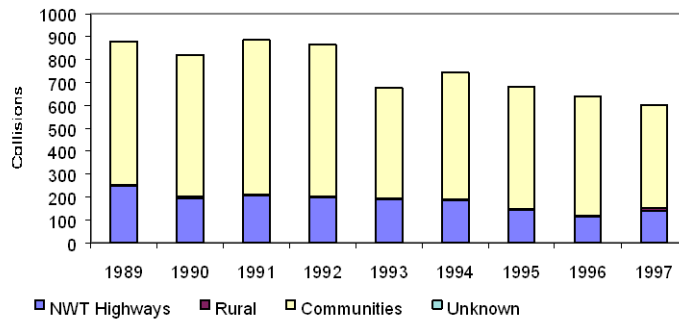


3 Year Summary

	Fatal Collisions			
	1995	1996	1997	% Change
NWT Highways	4	6	4	-33.3
Rural	0	0	1	-
Communities	0	4	1	-75.0
Total	4	10	6	-40.0

Trends in All Reported Collisions

Figure 1.7



3 Year Summary

	1995	1996	1997	% Change
NWT Highways	152	126	142	12.7
Rural	9	5	12	140.0
Communities	521	507	446	-12.0
Total	682	638	600	-6.0

Property Damage Collisions by Month and Year

Figure 1.8

Month	1989	1990	1991	1992	1993	1994	1995	1996	Avg. 89 to 96	1997 % Change*
January	66	63	86	74	46	52	50	54	61	-13.6
February	66	66	72	68	56	72	46	59	63	-28.7
March	65	68	72	68	52	50	78	56	64	-30.8
April	51	30	48	59	30	32	32	31	39	-33.5
May	39	29	31	45	23	33	31	26	32	-28.4
June	39	44	57	35	23	31	24	32	36	-10.2
July	47	51	57	48	33	39	38	36	44	-15.2
August	47	54	42	51	35	42	39	24	42	-11.4
September	41	46	49	48	39	34	29	29	39	-36.5
October	76	69	65	65	52	59	38	56	60	-20.0
November	84	71	59	64	53	73	49	42	62	-58.0
December	70	84	74	54	53	53	59	41	61	-23.0
Total	691	675	712	679	495	570	513	486	603	-26.5

* % change is a comparison between 1997 and the 1989-96 average.

Personal Injury Collisions by Month and Year

Figure 1.9

Month	1989	1990	1991	1992	1993	1994	1995	1996	Avg. 89 to 96	1997 % Change*	
January	13	8	15	19	16	11	16	15	14	13	-8.0
February	17	8	13	12	16	7	14	15	13	19	49.0
March	14	15	17	12	16	9	20	10	14	16	13.3
April	3	6	5	9	13	6	12	7	8	19	149.2
May	11	5	16	12	13	9	11	7	11	11	4.8
June	12	20	24	18	17	18	15	10	17	6	-64.2
July	26	20	23	15	24	18	15	16	20	8	-59.2
August	17	14	16	18	9	23	18	11	16	16	1.6
September	16	8	13	19	12	14	11	14	13	10	-25.2
October	18	15	14	16	16	20	10	15	16	14	-9.7
November	19	7	5	13	14	19	12	9	12	10	-18.4
December	14	13	10	18	12	19	11	13	14	9	-34.5
Total	180	139	171	181	178	173	165	142	166	151	-9.1

Fatal Collisions by Month and Year

Figure 1.10

Month	1989	1990	1991	1992	1993	1994	1995	1996	Avg. 89 to 96	1997 % Change*	
January	0	1	0	0	0	0	0	0	0.1	0	-100.0
February	0	0	0	0	0	0	0	0	0.0	0	-
March	0	0	0	0	1	0	0	2	0.4	2	433.3
April	1	1	0	1	1	0	1	1	0.8	0	-100.0
May	1	0	0	0	0	1	0	1	0.4	1	166.7
June	3	0	2	3	0	0	0	1	1.1	1	-11.1
July	1	2	0	0	1	0	1	1	0.8	1	33.3
August	0	0	1	0	0	0	0	3	0.5	1	100.0
September	0	0	0	0	0	0	1	0	0.1	0	-100.0
October	0	2	0	1	0	1	0	1	0.6	0	-100.0
November	1	0	0	1	1	0	1	0	0.5	0	-100.0
December	1	1	0	0	0	0	0	0	0.3	0	-100.0
Total	8	7	3	6	4	2	4	10	5.5	6	9.1

* % change is a comparison between 1997 and the 1989-96 average.

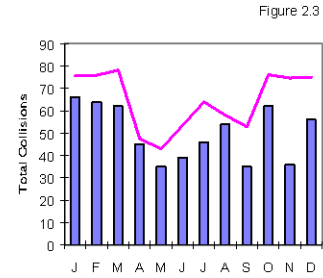
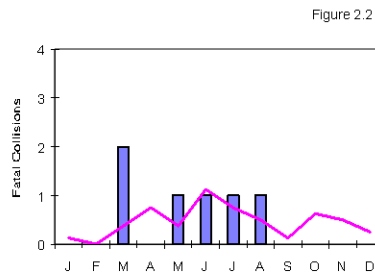
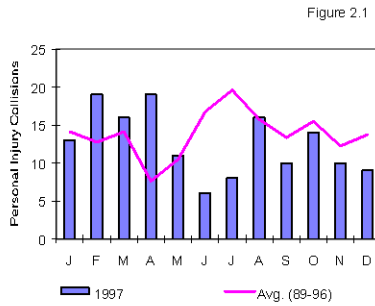
Total Collisions by Month and Year

Figure 1.11

Month	1989	1990	1991	1992	1993	1994	1995	1996	Avg. 89 to 96	1997 % Change*	
January	79	72	101	93	62	63	66	69	76	66	-12.7
February	83	74	85	80	72	79	60	74	76	64	-15.7
March	79	83	89	80	69	59	98	68	78	62	-20.6
April	55	37	53	69	44	38	45	39	48	45	-5.3
May	51	34	47	57	36	43	42	34	43	35	-18.6
June	54	64	83	56	40	49	39	43	54	39	-27.1
July	74	73	80	63	58	57	54	53	64	46	-28.1
August	64	68	59	69	44	65	57	38	58	54	-6.9
September	57	54	62	67	51	48	41	43	53	35	-33.8
October	94	86	79	82	68	80	48	72	76	62	-18.6
November	104	78	64	78	68	92	62	51	75	36	-51.8
December	85	98	84	72	65	72	70	54	75	56	-25.3
Total	879	821	886	866	677	745	682	638	774	600	-22.5

* % change is a comparison between 1997 and the 1989-96 average.

Collisions by Month of Occurrence

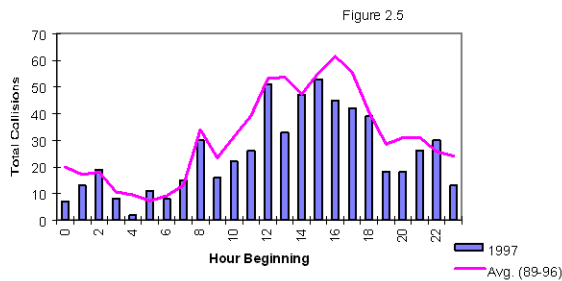


Collisions & Victims by Month of Occurrence

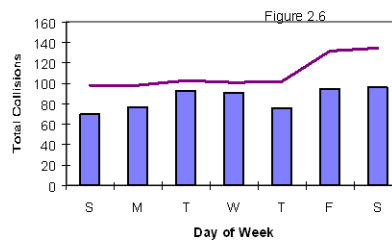
Figure 2.4

Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	53	13	0	66	22	0
February	45	19	0	64	28	0
March	44	16	2	62	31	4
April	26	19	0	45	20	0
May	23	11	1	35	12	1
June	32	6	1	39	9	1
July	37	8	1	46	11	1
August	37	16	1	54	27	1
September	25	10	0	35	15	0
October	48	14	0	62	19	0
November	26	10	0	36	12	0
December	47	9	0	56	15	0
Total	443	151	6	600	221	8

Total Collisions by Time of Day



Total Collisions by Day of Week



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	1	0	0	3	1	1	7	1.2
1 to 2 a.m.	2	2	1	2	2	1	3	13	2.2
2 to 3 a.m.	4	2	3	6	0	1	3	19	3.2
3 to 4 a.m.	5	2	0	1	0	0	0	8	1.3
4 to 5 a.m.	2	0	0	0	0	0	0	2	0.3
5 to 6 a.m.	3	0	0	0	1	1	6	11	1.8
6 to 7 a.m.	2	0	2	1	1	1	1	8	1.3
7 to 8 a.m.	1	4	3	1	4	2	0	15	2.5
8 to 9 a.m.	1	6	3	5	3	9	3	30	5.0
9 to 10 a.m.	2	1	2	4	3	3	1	16	2.7
10 to 11 a.m.	2	2	4	3	2	7	2	22	3.7
11 to 12 a.m.	3	4	3	3	6	3	4	26	4.3
12 to 1 p.m.	7	3	8	9	3	12	9	51	8.5
1 to 2 p.m.	1	4	6	7	6	5	4	33	5.5
2 to 3 p.m.	9	5	8	6	6	5	8	47	7.9
3 to 4 p.m.	7	5	9	8	10	5	9	53	8.9
4 to 5 p.m.	4	6	10	6	5	6	8	45	7.5
5 to 6 p.m.	2	11	6	6	4	5	8	42	7.0
6 to 7 p.m.	4	3	8	4	5	10	5	39	6.5
7 to 8 p.m.	4	5	2	2	3	1	1	18	3.0
8 to 9 p.m.	0	4	4	1	1	4	4	18	3.0
9 to 10 p.m.	2	3	4	4	3	3	7	26	4.3
10 to 11 p.m.	1	1	4	7	4	7	6	30	5.0
11 to 12 p.m.	0	2	2	5	0	3	1	13	2.2
Not Stated	1	1	1	0	1	0	2	6	1.0
Total	70	77	93	91	76	95	96	598	
%	11.7	12.9	15.6	15.2	12.7	15.9	16.1	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	% of Total	
				Total	Factors
Fatigued, Fell Asleep	2	1	0	3	0.5
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	21	13	0	34	5.7
Under Influence - Drugs	2	0	0	2	0.3
Sudden Illness, Lost Consciousness	0	1	0	1	0.2
Other Driver Condition	0	0	0	0	0.0
Total	25	15	0	40	6.7

Collisions by Severity Where Human Action Was a Major Contributing Factor

Figure 3.2

Human Action	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Following Too Closely	27	12	0	39	6.5
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	16	16	1	33	5.5
Improper Turning or Passing	13	0	0	13	2.2
Failed to Yield Right-of-Way	46	23	2	71	11.8
Disobeyed Traffic Control/Officer	3	1	0	4	0.7
Driving on Wrong Side of Road	7	5	0	12	2.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	87	3	0	90	15.0
Lost Control	77	43	2	122	20.3
Other Driver Action	0	0	0	0	0.0
Total	276	103	5	384	64.0

Collisions by Severity Where Vehicle Condition Was a Major Contributing Factor

Figure 3.3

Vehicle Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Defective Brakes	1	1	0	2	0.3
Defective Steering	0	2	0	2	0.3
Defective Lights	0	1	0	1	0.2
Tire Blown Out	7	1	0	8	1.3
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	1	0	0	1	0.2
Visibility Obstructed	3	0	0	3	0.5
Other Vehicle Contributing Factor	10	2	0	12	2.0
Total	22	7	0	29	4.8

Major Contributing Factors – Section 3

Collisions by Severity Where Environmental Condition Was a Major Contributing Factor

Figure 3.4

Environmental Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Animal on Roadway	9	5	0	14	2.3
Road Surface or Condition	24	4	0	28	4.7
Obstruction/Debris on Road	1	1	0	2	0.3
View Obstructed, Glare, Reflection	2	0	0	2	0.3
Weather or Other Acts of God	7	2	0	9	1.5
Other Environmental Factor	0	0	0	0	0.0
Total	43	12	0	55	9.2

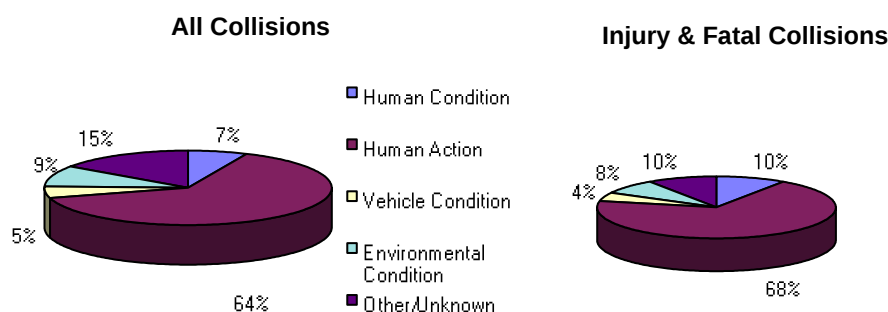
Collisions by Severity Where Major Contributing Factor Was Unspecified or Unknown

Figure 3.5

Factor	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Unspecified	20	13	0	33	5.5
Unknown	57	1	1	59	9.8
Total	77	14	1	92	15.3
Total All Factors	443	151	6	600	100.0

Major Contributing Factors by Collision Severity

Figure 3.6



TAIS 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			% of Total	
	Highways	In Communities	Rural	Total	Factors
Fatigued, Fell Asleep	1	2	0	3	0.5
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	9	24	1	34	5.7
Under Influence - Drugs	0	2	0	2	0.3
Sudden Illness, Lost Consciousness	0	1	0	1	0.2
Other Driver Condition	0	0	0	0	0.0
Total	10	29	1	40	6.7

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

Figure 3.8

Human Action	NWT			% of Total	
	Highways	In Communities	Rural	Total	Factors
Following Too Closely	5	34	0	39	6.5
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	10	22	1	33	5.5
Improper Turning or Passing	2	11	0	13	2.2
Failed to Yield Right-of-Way	5	66	0	71	11.8
Disobeyed Traffic Control/Officer	1	3	0	4	0.7
Driving on Wrong Side of Road	5	7	0	12	2.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	90	0	90	15.0
Lost Control	56	61	5	122	20.3
Other Driver Action	0	0	0	0	0.0
Total	84	294	6	384	64.0

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

Figure 3.9

Vehicle Condition	NWT			% of Total	
	Highways	In Communities	Rural	Total	Factors
Defective Brakes	0	2	0	2	0.3
Defective Steering	1	1	0	2	0.3
Defective Lights	0	1	0	1	0.2
Tire Blown Out	6	1	1	8	1.3
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	0	1	0	1	0.2
Visibility Obstructed	1	2	0	3	0.5
Other Vehicle Contributing Factor	4	7	1	12	2.0
Total	12	15	2	29	4.8

Major Contributing Factors – Section 3

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

Figure 3.10

<u>Environmental Condition</u>	NWT			In Rural	% of Total	
	Highways	Communities			Total	Factors
Animal on Roadway	12	2		0	14	2.3
Road Surface or Condition	13	13		2	28	4.7
Obstruction/Debris on Road	1	1		0	2	0.3
View Obstructed, Glare, Reflection	0	2		0	2	0.3
Weather or Other Acts of God	5	4		0	9	1.5
Other Environmental Factor	0	0		0	0	0.0
Total	31	22		2	55	9.2

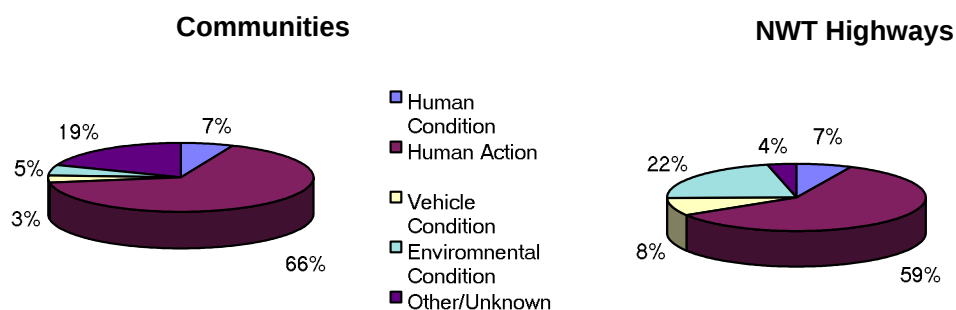
Collisions by Road System Where Major Contributing Factor Was Unspecified or Unknown

Figure 3.11

<u>Factor</u>	NWT			In Rural	% of Total	
	Highways	Communities			Total	Factors
Unspecified	3	29		1	33	5.5
Unknown	2	57		0	59	9.8
Total	5	86		1	92	15.3
Total All Factors	142	446		12	600	100.0

Major Contributing Factors in Collisions - Communities and NWT Highways

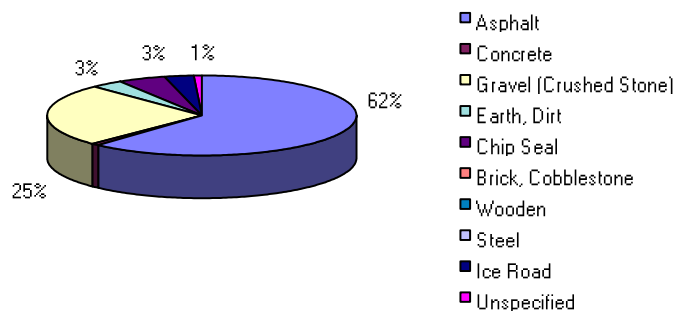
Figure 3.12



Collisions by Road Surface Type and Severity

Figure 4.1

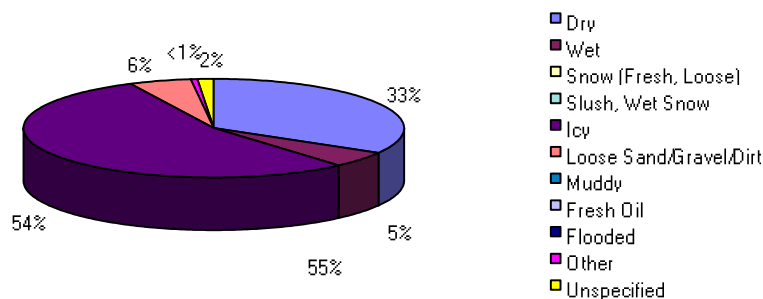
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	297	71	2	370	61.7
Concrete	3	2	0	5	0.8
Gravel (Crushed Stone)	101	50	1	152	25.3
Earth, Dirt	14	5	1	20	3.3
Chip Seal	15	13	1	29	4.8
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	8	10	1	19	3.2
Unspecified	5	0	0	5	0.8
Total	443	151	6	600	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

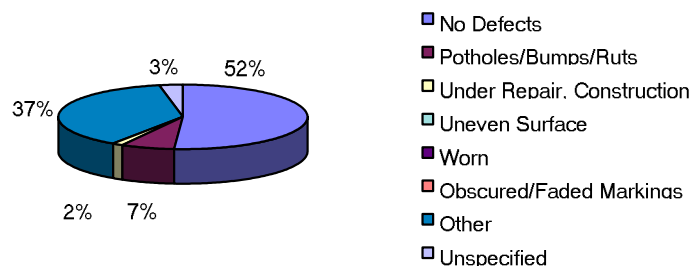
Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	148	49	3	200	33.3
Wet	19	12	0	31	5.2
Snow (Fresh, Loose)	0	0	0	0	0.0
Slush, Wet Snow	0	0	0	0	0.0
Icy	242	81	2	325	54.2
Loose Sand/Gravel/Dirt	23	9	1	33	5.5
Muddy	0	0	0	0	0.0
Fresh Oil	0	0	0	0	0.0
Flooded	0	0	0	0	0.0
Other	2	0	0	2	0.3
Unspecified	9	0	0	9	1.5
Total	443	151	6	600	100



Collisions by Road Defect and Severity

Figure 4.3

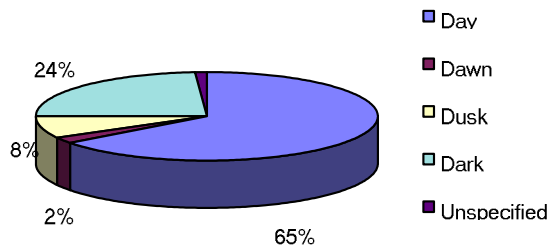
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	221	79	6	306	51.0
Potholes/Bumps/Ruts	29	14	0	43	7.2
Under Repair, Construction	8	0	0	8	1.3
Uneven Pavement Surface	0	0	0	0	0.0
Worn	0	0	0	0	0.0
Obscured or Faded Markings	0	0	0	0	0.0
Other	170	54	0	224	37.3
Unspecified	15	4	0	19	3.2
Total	443	151	6	600	100.0



Collisions by Light Condition and Severity

Figure 4.4

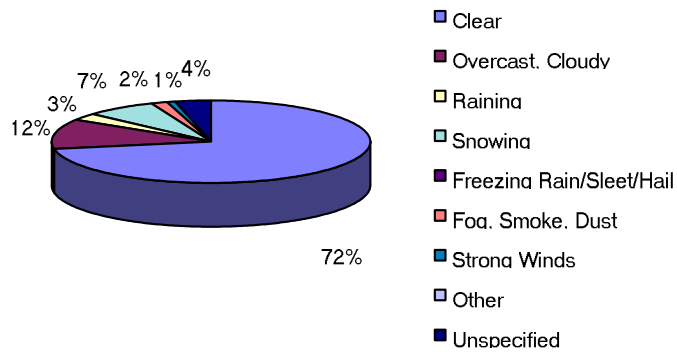
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	297	87	5	389	64.8
Dawn	9	4	0	13	2.2
Dusk	41	6	1	48	8.0
Dark	90	54	0	144	24.0
Unspecified	6	0	0	6	1.0
Total	443	151	6	600	100.0



Collisions by Weather Condition and Severity

Figure 4.5

Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	318	112	4	434	72.3
Overcast, Cloudy (No Precipitation)	51	18	1	70	11.7
Raining	11	5	0	16	2.7
Snowing	32	10	1	43	7.2
Freezing Rain/Sleet/Hail	1	0	0	1	0.2
Visibility Limitations (fog, dust, etc.)	6	3	0	9	1.5
Strong Winds	4	1	0	5	0.8
Other	1	0	0	1	0.2
Unspecified	19	2	0	21	3.5
Total	443	151	6	600	100.0

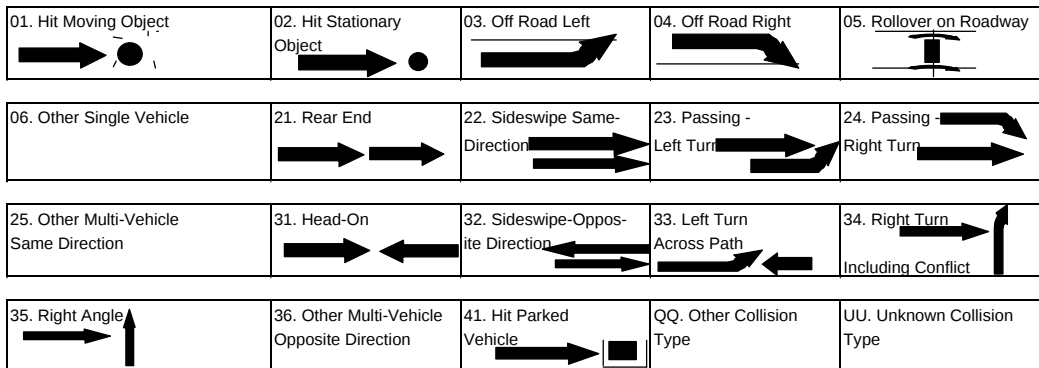


Collisions by Configuration and Severity

Figure 4.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Animal	9	3	0	12	2.0
b) With Pedestrian	0	19	0	19	3.2
c) Other	5	0	0	5	0.8
02. Hit Stationary Object	51	13	1	65	8.7
03. Off Road Left					
a) With Rollover	6	11	1	18	3.0
b) No Rollover	6	2	0	8	1.3
04. Off Road Right					
a) With Rollover	14	23	0	37	6.2
b) No Rollover	21	9	0	30	5.0
05. Rollover on Roadway	2	2	1	5	0.8
06. Other Single Vehicle	0	0	0	0	0.0
21. Rear End	51	25	0	76	12.7
22. Sideswipe - Same Direction	8	1	0	9	1.5
23. Passing - Left Turn	2	0	0	2	0.3
24. Passing - Right Turn	1	1	0	2	0.3
25. Other Multi-Vehicle Same Direction	0	0	0	0	0.0
31. Head-On	8	4	1	13	2.2
32. Sideswipe - Opposite Direction	15	3	0	18	3.0
33. Left Turn Across Path	13	3	0	16	2.7
34. Right Turn Including Conflict	5	1	0	6	1.0
35. Right Angle	65	20	2	87	14.5
36. Other Multi-Vehicle Opposite Direction	23	3	0	26	4.3
41. Hit Parked Vehicle	135	4	0	139	23.2
QQ. Other Collision Type	2	4	0	6	1.0
UU. Unknown Collision Type	1	0	0	1	0.2
Total	443	151	6	600	100.0

***Collision Configurations**

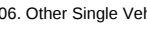
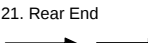
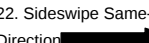
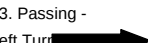
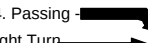
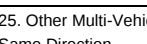
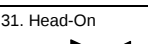
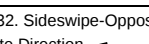
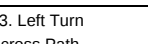
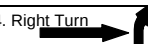
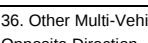
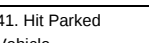
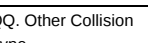
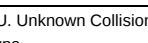


Collisions by Configuration and Road System

Figure 4.7

Configuration*	NWT Highways	In Communities	Rural	Total	% of Total
01. Hit Moving Object					
a) With Animal	11	1	0	12	2.0
b) With Pedestrian	1	18	0	19	3.2
c) Other	1	4	0	5	0.8
02. Hit Stationary Object	5	57	3	65	10.8
03. Off Road Left					
a) With Rollover	18	0	0	18	3.0
b) No Rollover	5	3	0	8	1.3
04. Off Road Right					
a) With Rollover	32	5	0	37	6.2
b) No Rollover	23	5	2	30	5.0
05. Rollover on Roadway	2	1	2	5	0.8
06. Other Single Vehicle	0	0	0	0	0.0
21. Rear End	14	62	0	76	12.7
22. Sideswipe - Same Direction	1	8	0	9	1.5
23. Passing - Left Turn	0	2	0	2	0.3
24. Passing - Right Turn	0	2	0	2	0.3
25. Other Multi-Vehicle Same Direction	0	0	0	0	0.0
31. Head-On	3	8	2	13	2.2
32. Sideswipe - Opposite Direction	8	10	0	18	3.0
33. Left Turn Across Path	2	14	0	16	2.7
34. Right Turn Including Conflict	0	6	0	6	1.0
35. Right Angle	8	79	0	87	14.5
36. Other Multi-Vehicle Opposite Direction	2	24	0	26	4.3
41. Hit Parked Vehicle	2	135	2	139	23.2
QQ. Other Collision Type	4	1	1	6	1.0
UU. Unknown Collision Type	0	1	0	1	0.2
Total	142	446	12	600	100.0

***Collision Configurations**

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

Collisions by Collision Site and Severity

Figure 4.8

Collision Site	Property Damage	Personal Injury	Fatal	Total	%
Non-Intersection	154	84	5	243	40.5
Intersection - Two Public Roadways	95	45	0	140	23.3
Intersection - Parking Lot, Driveway	79	17	1	97	16.2
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	1	1	0	2	0.3
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	2	0	0	2	0.3
Other	110	4	0	114	19.0
Unknown	2	0	0	2	0.3
Total	443	151	6	600	100.0

Collisions by Collision Site and Road System

Figure 4.9

Collision Site	NWT Highways	In Communities	Rural	Total	%
Non-Intersection	119	115	9	243	40.5
Intersection - Two Public Roadways	15	125	0	140	23.3
Intersection - Parking Lot, Driveway	7	89	1	97	16.2
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	1	1	0	2	0.3
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	2	0	2	0.3
Other	0	112	2	114	19.0
Unknown	0	2	0	2	0.3
Total	142	446	12	600	100.0

Collisions by Roadway Alignment and Severity

Figure 4.10

Road Alignment	Property Damage	Personal Injury	Fatal	Total	%
Straight & Level	333	98	4	435	72.5
Straight with Grade	47	11	0	58	9.7
Curved and Level	37	23	1	61	10.2
Curve with Grade	17	14	1	32	5.3
Top of Hill or Grade	7	4	0	11	1.8
Bottom of Hill or Grade	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	2	1	0	3	0.5
Total	443	151	6	600	100.0

Collisions by Roadway Type and Severity

Figure 4.11

Road Type	Property Damage	Personal Injury	Fatal	Total	%
One-Way Two Lane	3	0	0	3	0.5
One-Way Multi Lane	0	0	0	0	0.0
Undivided Two-Way Two Lane	291	131	5	427	71.2
Undivided Two-Way Multi Lane	0	0	0	0	0.0
Divided Barrier Median	12	5	0	17	2.8
Divided with Median No Barrier	0	0	0	0	0.0
Divided Divider Unspecified	15	6	0	21	3.5
Other	120	9	1	130	21.7
Unknown	2	0	0	2	0.3
Total	443	151	6	600	100.0

Collision Sequence of Events by Severity

Figure 4.12

Non-Moving Objects	Property Damage	Personal Injury	Fatal	Total	%
Hit Parked Trailer	1	0	0	1	0.2
Hit Non-Fixed Object	0	1	0	1	0.2
Hit Building	7	0	0	7	1.2
Hit Ditch	0	0	0	0	0.0
Hit Embankment Dirt Pile Rock	2	1	0	3	0.5
Hit Culvert End Drainage Structure	0	1	0	1	0.2
Hit Tree Bush Hedge	3	3	1	7	1.2
Hit Utility Pole Lamp Pole	19	4	0	23	3.8
Hit Curb	5	0	0	5	0.8
Hit Post	2	1	0	3	0.5
Hit Traffic Barrier	12	2	0	14	2.3
Hit Fixed Object Part of Road Structure	0	0	0	0	0.0
Hit Fixed Object NOT Part of Road Structure	0	0	0	0	0.0
Hit Other Type Fixed Object	0	0	0	0	0.0
Sub Total Fixed Objects	51	13	1	65	10.8
Moveable Objects					
Another Road Vehicle	326	65	3	394	65.7
Animal	9	3	0	12	2.0
Pedestrian	0	19	0	19	3.2
Other Moveable Object	5	0	0	5	0.8
Sub Total Moveable Objects	340	87	3	430	71.7
Non-Collision Events					
Ran Off Road	27	11	0	38	6.3
Rollover	22	36	2	60	10.0
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	49	47	2	98	16.3
Other/Unknown Event	3	4	0	7	1.2
Grand Total	443	151	6	600	100.0

Collision Sequence of Events by Road System

Figure 4.13

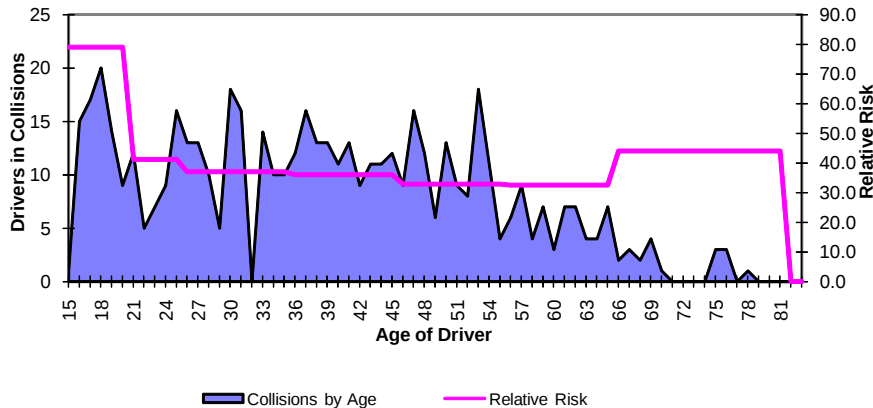
	NWT Highways	In Communities	Rural	Total	%
Non-Moving Objects					
Hit Parked Trailer	0	1	0	1	0.2
Hit Non-Fixed Object	0	1	0	1	0.2
Hit Building	0	7	0	7	1.2
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	1	1	1	3	0.5
Hit Culvert End, Drainage Structure	0	1	0	1	0.2
Hit Tree, Bush, Hedge	1	5	1	7	1.2
Hit Utility Pole, Lamp Pole	2	20	1	23	3.8
Hit Curb	0	5	0	5	0.8
Hit Post	0	3	0	3	0.5
Hit Traffic Barrier	1	13	0	14	2.3
Hit Fixed Object Part of Road Structure	0	0	0	0	0.0
Hit Fixed Object NOT Part of Road Structure	0	0	0	0	0.0
Hit Other Type Fixed Object	0	0	0	0	0.0
Sub Total Fixed Objects	5	57	3	65	10.8
Moveable Objects					
Another Road Vehicle	40	350	4	394	65.7
Animal	11	1	0	12	2.0
Pedestrian	1	18	0	19	3.2
Other Moveable Object	1	4	0	5	0.8
Sub Total Moveable Objects	53	373	4	430	71.7
Non-Collision Events					
Ran Off Road	28	8	2	38	6.3
Rollover	52	6	2	60	10.0
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	80	14	4	98	16.3
Unknown Event	4	2	1	7	1.2
Grand Total	142	446	12	600	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	73	1,116	2,042	6,097	6,070	3,708	1,290	454	0	20,850
Drivers in Collisions	20	74	84	226	219	122	42	20	64	871

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	54.7	26.4	26.7	26.7	24.8	20.9	35.2	30.7
Personal Injury & Fatal	24.4	14.7	10.3	9.4	8.1	11.6	8.8	11.0
Total	79.1	41.1	37.1	36.1	32.9	32.6	44.1	41.8
Relative Risk*	1.9	1.0	0.9	0.9	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 1.9 times more likely to be involved in a collision than the average driving population. On average, 8% of 15 to 19 year olds were involved in collisions, compared to 4% of 35 to 44 year olds.

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

Number of Drivers Involved in Collisions by Licence Class and Age

Figure 5.3

Age Group	1	2	3	4	5	6	Class	7	Req'd.	Not	No	Not	Total
Under 16	0	0	0	0	0	0	2	3	12	2	1	0	20
16	0	0	0	0	15	0	1	1	1	0	0	1	18
17	0	0	0	0	17	0	1	0	0	1	0	0	19
18	0	0	0	0	12	0	1	0	0	1	0	0	14
19	0	0	0	1	20	0	0	2	0	0	0	0	23
20	0	0	0	1	11	0	0	0	4	1	0	0	17
21-24	6	0	0	0	53	0	1	1	1	5	1	0	67
25-34	10	1	5	18	161	0	5	7	15	4	0	0	226
35-44	23	8	5	22	144	2	0	4	4	7	0	0	219
45-54	24	5	3	9	72	0	0	2	3	4	0	0	122
55-64	1	0	3	4	31	0	0	0	1	2	0	0	42
65 and over	1	0	1	1	15	0	1	0	0	0	1	0	20
Not Stated	0	0	0	0	3	0	0	1	2	59	0	0	65
Drivers in Collisions	65	14	17	56	556	2	13	34	35	80	0	0	872
Total Licensed Drivers	1,089	196	630	888	16,794	5	1,248	N/A	N/A	N/A	0	0	20,850
Relative Risk*	1.43	1.71	0.65	1.51	0.79	9.56	0.25	N/A	N/A	N/A	0	0	1.00

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

Number of Drivers Involved in Collisions by Condition and Age

Figure 5.4

Driver Condition	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Apparently Normal	15	15	16	13	21	13	52	183	193	115	36	15	5	692	79.4
Fatigued, Fell Asleep	0	0	0	0	0	0	0	2	1	1	1	0	0	5	0.6
Inexperience	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Under Influence - Alcohol	1	2	0	1	2	4	10	25	13	3	3	1	0	65	7.5
Under Influence - Drugs	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0.2
Sudden Illness, Lost Consciousness	1	0	0	0	0	0	0	1	0	0	0	2	0	4	0.5
Other Condition	1	0	0	0	0	0	0	1	0	0	0	0	0	2	0.2
Unknown	2	1	3	0	0	0	5	13	11	3	2	2	59	101	11.6
Total	20	18	19	14	23	17	67	226	219	122	42	20	64	871	
%	2.3	2.1	2.2	1.6	2.6	2.0	7.7	25.9	25.1	14.0	4.8	2.3	7.3		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	%
Driving Properly	4	2	4	7	3	5	22	78	76	54	13	5	2	275	31.6
Following Too Closely	0	1	1	5	1	1	2	14	12	9	2	3	0	51	5.9
<u>Distracted, Inattentive</u>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Driving Too Fast	1	0	0	0	4	4	3	16	9	5	2	0	0	44	5.1
Improper Turning or Passing	0	0	1	0	2	0	1	5	6	3	1	0	0	19	2.2
<u>Failing to Yield Right of Way</u>	5	3	3	0	2	0	8	18	28	8	6	5	1	87	10.0
Disobeying Traffic Control/Officer	0	0	0	0	0	0	0	1	0	2	0	1	0	4	0.5
Driving on Wrong Side of Road	1	1	0	0	0	0	1	0	7	2	0	1	1	14	1.6
<u>Driving in Wrong Direction</u>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Backing Unsafely	1	1	4	0	2	1	7	29	27	13	6	3	6	100	11.5
Lost Control	3	9	6	2	8	4	14	49	46	21	10	2	2	176	20.2
Other Driver Action	4	1	0	0	1	2	6	10	6	5	1	0	0	36	4.1
Unknown	1	0	0	0	0	0	3	6	2	0	1	0	52	65	7.5
Total	20	18	19	14	23	17	67	226	219	122	42	20	64	871	
%	2.3	2.1	2.2	1.6	2.6	2.0	7.7	25.9	25.1	14.0	4.8	2.3	7.3		100.0

Number of Vehicles in Collisions by Vehicle Type and Severity

Figure 6.1

Vehicle Type	Property Damage	Personal Injury	Fatal	Total	%
Passenger Car	243	75	1	319	31.5
Passenger Van	92	19	1	112	11.1
Light Utility Vehicle	0	0	0	0	0.0
Pickup Truck	352	90	1	443	43.8
Panel/Cargo Van	0	0	0	0	0.0
Other Truck/Van <= 4536 kg	0	0	0	0	0.0
Unit Truck > 4536 kg	10	2	0	12	1.2
Road Tractor	23	7	3	33	3.3
School Bus	1	2	0	3	0.3
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	0	0	0	0	0.0
Intercity Bus	0	0	0	0	0.0
Bus - Unspecified	0	0	0	0	0.0
Motorcycle	0	1	0	1	0.1
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	1	2	0	3	0.3
Bicycle	1	8	1	10	1.0
Motor Home	0	0	0	0	0.0
Farm Equipment	0	0	0	0	0.0
Construction Equipment	3	1	0	4	0.4
Fire Engine	0	0	0	0	0.0
Snowmobile	3	20	2	25	2.5
Streetcar	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	47	0	0	47	4.6
Total	776	227	9	1012	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	659	207	5	871	86.1
Defective Brakes	1	1	0	2	0.2
Defective Steering	0	2	0	2	0.2
Defective Lighting	1	1	0	2	0.2
Tire Blown Out	7	2	0	9	0.9
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	2	0	0	2	0.2
Visibility Obstructed	8	2	0	10	1.0
Other Defective Vehicular Parts	15	5	0	20	2.0
Other Vehicular Factor	0	0	0	0	0.0
Unknown	83	7	4	94	9.3
Total	776	227	9	1012	100.0

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 6.3

Vehicle Manoeuvre	Property Damage	Personal Injury	Fatal	Total	%
Going Straight Ahead	309	167	8	484	47.8
Turning Left	55	13	1	69	6.8
Turning Right	29	8	0	37	3.7
Making U-Turn	7	1	0	8	0.8
Changing Lanes	6	0	0	6	0.6
Merging	1	1	0	2	0.2
Reversing	105	5	0	110	10.9
Overtaking	6	1	0	7	0.7
Negotiating Curve	0	0	0	0	0.0
Slowing or Stopped in Traffic	56	19	0	75	7.4
Starting in Traffic	2	1	0	3	0.3
Leaving Roadside	2	0	0	2	0.2
Stopped/Parked Legally	133	6	0	139	13.7
Stopped/Parked Illegally	5	0	0	5	0.5
Swerving to Avoid Collision	4	5	0	9	0.9
Run-away or Roll-away Vehicle	7	0	0	7	0.7
Unspecified Manoeuvre	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	49	0	0	49	4.8
Total	776	227	9	1012	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

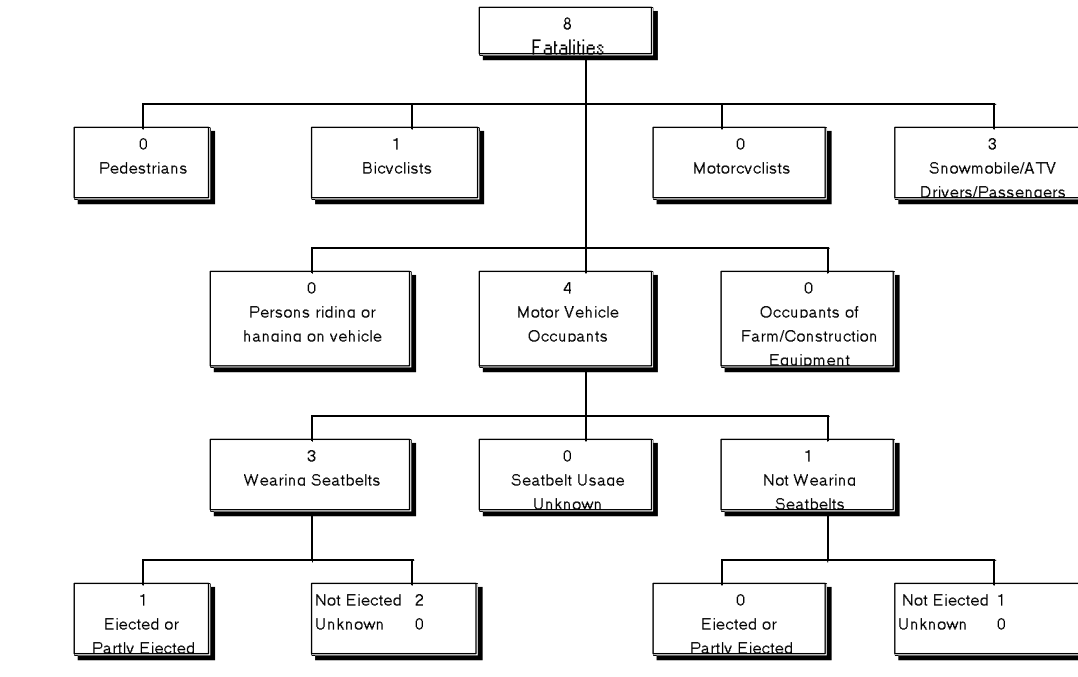
Figure 6.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
1998	9	4	0	13	1.3
1997	57	18	1	76	7.5
1996	64	20	4	88	8.7
1995	67	19	0	86	8.5
1994	66	13	1	80	7.9
1993	49	19	0	68	6.7
1992	41	12	0	53	5.2
1991	53	11	0	64	6.3
1990	60	9	1	70	6.9
1989	55	17	0	72	7.1
1988	49	14	0	63	6.2
1987	18	4	0	22	2.2
1986 & Older	130	53	0	183	18.1
Unspecified	58	14	2	74	7.3
Total	776	227	9	1012	100.0

Victims and Occupant Restraints – Section 7

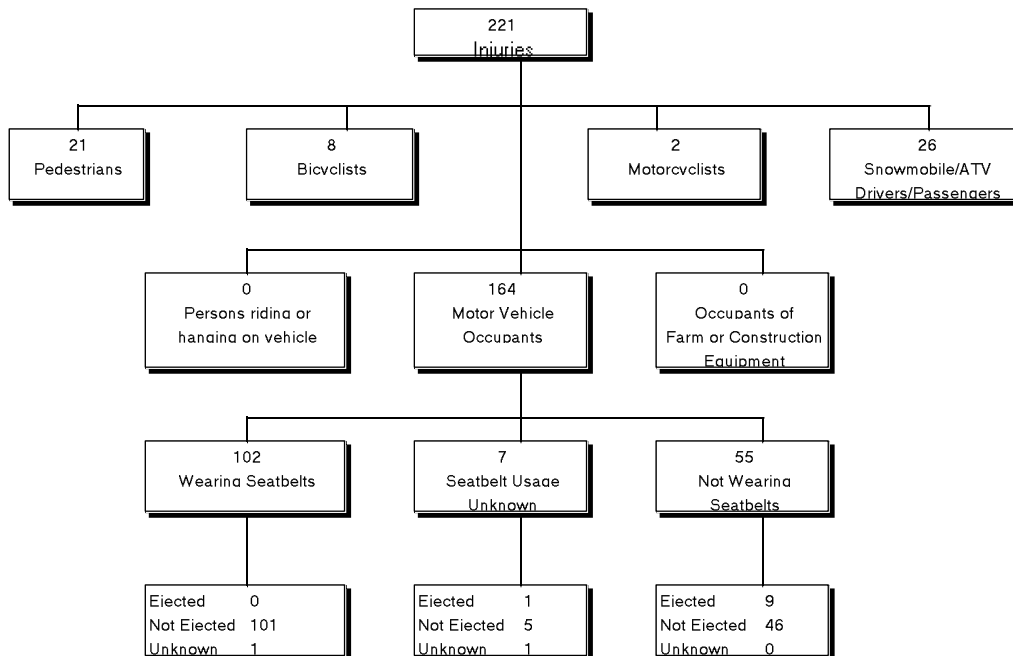
Fatalities Classification
(January 1 to December 31, 1997)

Figure 7.1



Injuries Classification
(January 1 to December 31, 1997)

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	8	14	33	23	12	9	2	0	101	45.7
Motor Vehicle Passenger	2	9	14	7	11	7	3	3	1	6	63	28.5
Pedestrian	1	6	2	1	5	2	2	0	1	1	21	9.5
Bicyclist	1	6	0	0	0	0	0	0	0	1	8	3.6
Motorcyclist (includes passengers)	0	0	0	0	0	2	0	0	0	0	2	0.9
ATV Operators & Passengers	0	0	0	1	1	0	0	0	0	0	2	0.9
Snowmobile Operators & Passengers	1	7	3	3	7	2	1	0	0	0	24	10.9
Farm/Construction Equipment	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	5	28	27	26	57	36	18	12	4	8	221	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	1	1	0	0	1	0	0	3	37.5
Motor Vehicle Passenger	0	0	0	0	1	0	0	0	0	0	1	12.5
Pedestrian	0	0	0	0	0	0	0	0	0	0	0	0.0
Bicyclist	0	1	0	0	0	0	0	0	0	0	1	12.5
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	1	0	0	0	1	1	0	0	0	3	37.5
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	2	0	1	2	1	1	1	0	0	8	100.0

Persons Injured or Killed by Road User Class and Gender

Figure 7.5

Road User Class	Persons Injured				Person Killed			
	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Motor Vehicle Driver	51	50	0	101	3	0	0	3
Motor Vehicle Passenger	32	29	2	63	0	1	0	1
Pedestrian	9	12	0	21	0	0	0	0
Bicyclist	5	3	0	8	1	0	0	1
Motorcyclist (includes passengers)	1	1	0	2	0	0	0	0
ATV Operators & Passengers	2	0	0	2	0	0	0	0
Snowmobile Operators & Passengers	14	10	0	24	2	1	0	3
Farm/Construction Equipment	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Unspecified	0	0	0	0	0	0	0	0
Total	114	105	2	221	6	2	0	8

Victims and Occupant Restraints – Section 7

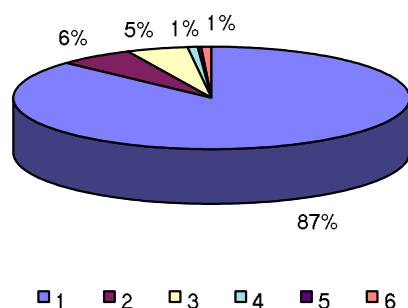
Motor Vehicle* Occupants by Injury Severity and Restraint Use

Figure 7.6

Injury Severity	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Restraint Use Unknown	Total	%
Not Injured	139	69	638	0	276	1122	87.0
Minimal Injuries	22	4	45	0	4	75	5.8
Minor Injuries	28	2	38	0	1	69	5.3
Major (Hospital Admission)	5	1	6	0	2	14	1.1
Fatal	1	0	3	0	0	4	0.3
Injured - Extent Unknown	0	1	5	0	0	6	0.5
Total	195	77	735	0	283	1290	100.0

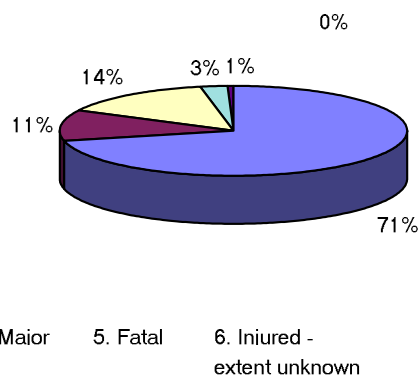
* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Restraints Used



Restraints Not Used

Figure 7.7



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

Victims and Occupant Restraints – Section 7

Motor Vehicle* Occupants by Injury Severity & Age Group

Figure 7.8

Restraints Used

	0	5	15	20	25	35	45	55	65	Not	
Injury Severity	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total
Not Injured	13	24	82	58	159	153	97	22	16	83	707
Minimal Injuries	1	1	3	5	15	12	3	5	0	4	49
Minor Injuries	1	0	3	3	11	7	7	5	2	1	40
Major (Hospital Admission)	0	0	0	3	2	0	0	1	1	0	7
Fatal	0	0	0	1	2	0	0	0	0	0	3
Injured - Extent Unknown	0	0	1	1	2	1	1	0	0	0	6
Total	15	25	89	71	191	173	108	33	19	88	812

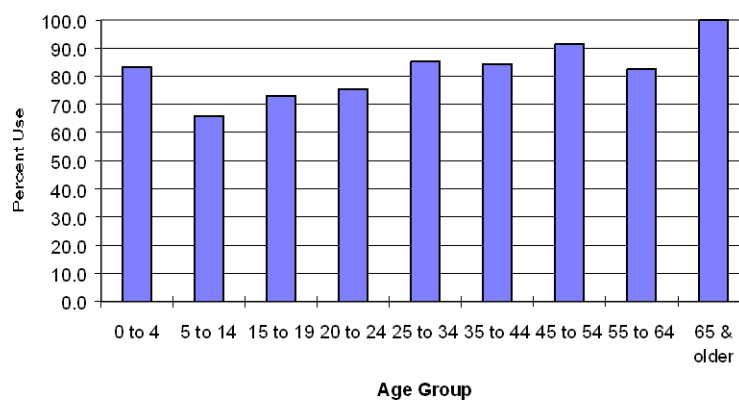
Restraints Not Used

	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	3	6	19	14	23	23	6	5	0	40	139
Minimal Injuries	0	4	5	3	4	3	1	1	0	1	22
Minor Injuries	0	3	7	6	6	4	2	0	0	0	28
Major (Hospital Admission)	0	0	2	0	0	2	1	0	0	0	5
Fatal	0	0	0	0	0	0	0	1	0	0	1
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	3	13	33	23	33	32	10	7	0	41	195

* 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

	Age Group										Not Stated		
	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	& older				
Injured	1	6	2	1	5	2	2	0	1	1	21	100.0	
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0	
Total	1	6	2	1	5	2	2	0	1	1	21		
%	4.8	28.6	9.5	4.8	23.8	9.5	9.5	0.0	4.8	4.8	100.0	100.0	

Pedestrians Injured or Killed by Pedestrian Action and Age Group

Figure 8.2

Pedestrian Action	Age Group										Not Stated	Total	%
	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				
Crossing Intersection With Traffic Control, With Right-of-Way	0	0	0	0	0	2	0	0	0	0	0	2	9.5
Crossing Intersection With Traffic Control, Without Right-of-Way	0	1	0	1	1	0	0	0	0	0	0	3	14.3
Crossing Intersection - No Traffic Control	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Roadway at Crosswalk	0	0	0	0	0	0	1	0	0	0	0	1	4.8
Crossing Roadway Not at Intersection	0	1	0	0	0	0	0	0	0	0	0	1	4.8
Walking Along Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking Along Roadway With Traffic	0	1	0	0	2	0	0	0	0	0	0	3	14.3
On Sidewalk, Median, Safety Zone	0	2	1	0	0	0	0	0	1	0	0	4	19.0
Walking on Travelled Part of Roadway Against Traffic	0	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	0.0
Coming from Behind Parked Vehicle/Object on Roadside	0	0	1	0	0	0	0	0	0	0	0	1	4.8
Coming from Behind Moving Vehicle	0	0	0	0	1	0	0	0	0	0	0	1	4.8
Running into Roadway	1	0	0	0	0	0	1	0	0	1	0	3	14.3
Getting On/Off School Bus	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Getting On/Off Other Vehicles	0	1	0	0	0	0	0	0	0	0	0	1	4.8
Pushing Vehicle on Road	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Working on Vehicle on Side of Road	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Playing on Roadway	0	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	0.0
Living on Road	0	0	0	0	1	0	0	0	0	0	0	1	4.8
Other	0	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	0.0
Total	1	6	2	1	5	2	2	0	1	1	0	21	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	21	21	100.0
Rural	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	21	21	100.0

Pedestrians Injured or Killed by Accident Site

Figure 8.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	9	9	42.9
At Intersection of At Least Two Roadways	0	9	9	42.9
Intersection With Parking Lot/Driveway/Alley	0	3	3	14.3
Railroad Level Crossing	0	0	0	0.0
Bridge/Overpass/Viaduct	0	0	0	0.0
Tunnel or Underpass	0	0	0	0.0
Passing Lane/Climbing Lane	0	0	0	0.0
Other	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	21	21	100.0

Pedestrians Injured or Killed by Pedestrian Condition

Figure 8.5

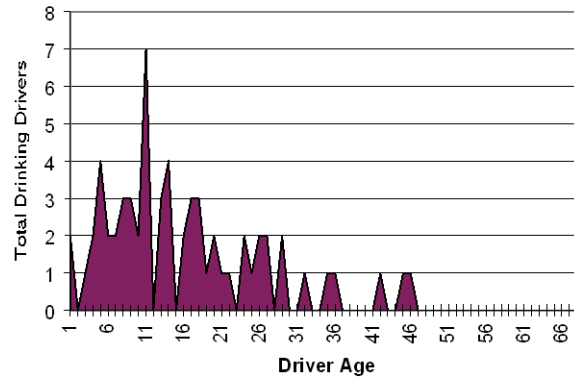
Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	16	16	76.2
Fatigued, Fell Asleep	0	0	0	0.0
Inexperience	0	0	0	0.0
Under Influence - Alcohol	0	3	3	14.3
Under Influence - Drugs	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0.0
Other Condition	0	0	0	0.0
Unknown	0	2	2	9.5
Total	0	21	21	100.0

Drinking Drivers in Collisions by Driver Age and Gender

Figure 9.1

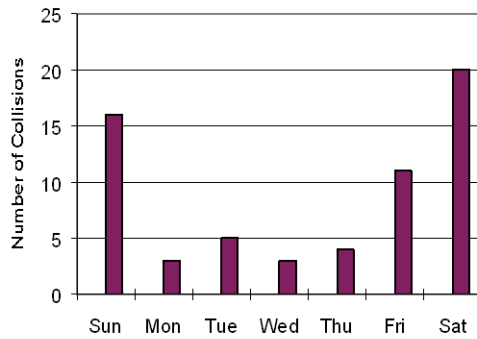
Driver Age	Male	Female	Not Stated	Total Drinking Drivers
Under 16	1	0	0	1
16	1	1	0	2
17	0	0	0	0
18	1	0	0	1
19	1	1	0	2
20	3	1	0	4
21 to 24	9	1	0	10
25 to 34	15	10	0	25
35 to 44	11	2	0	13
45 to 54	3	0	0	3
55 to 64	3	0	0	3
65 & Older	1	0	0	1
Not Stated	0	0	0	0
Total	49	16	0	65

Drinking Drivers by Driver Age



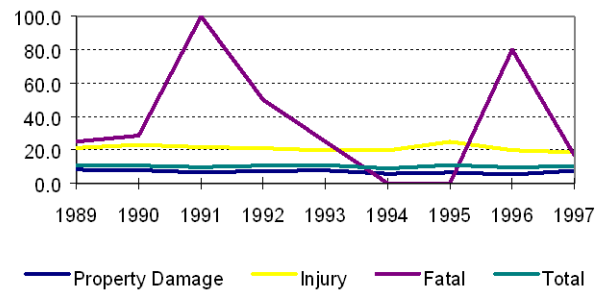
Collisions Involving Alcohol by Day of Week

Figure 9.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 9.3



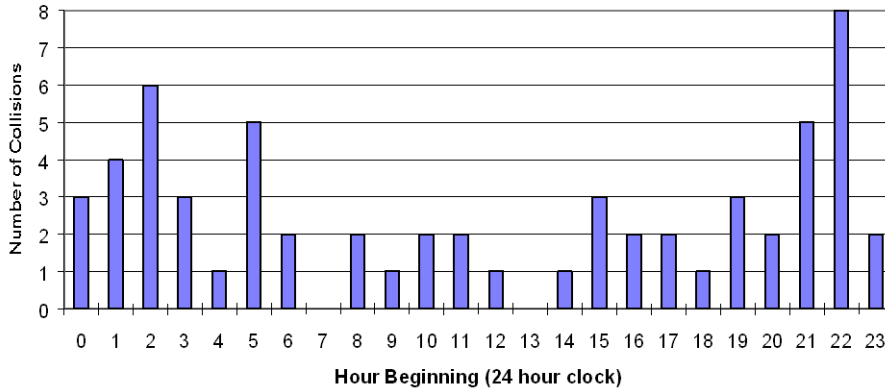
Number of Collisions and Victims Involving Alcohol

Figure 9.4

Number of Collisions						Number of Victims			
	Property Damage	Personal Injury	Fatal	Total	% of Total Collisions	Injured	Killed	Total	% of Total Victims
Year									
1989	56	38	2	96	10.9	63	2	65	24.0
1990	53	32	2	87	10.6	45	2	47	22.6
1991	46	37	3	86	9.7	75	3	78	31.3
1992	50	38	3	91	10.5	59	3	62	23.3
1993	38	35	1	74	10.9	67	1	68	23.7
1994	32	34	0	66	8.9	51	0	51	20.9
1995	33	41	0	74	10.9	62	0	62	27.2
1996	25	28	8	61	9.6	50	8	58	26.7
1997	33	28	1	62	10.3	43	1	44	19.2
Average	41	35	2	77	10	57	2	59	24.3

Number of Alcohol Related Collisions by Time of Day

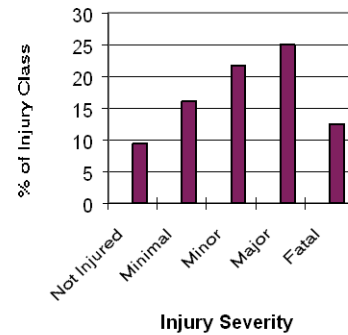
Figure 9.5



Injury Severity by Alcohol Involvement

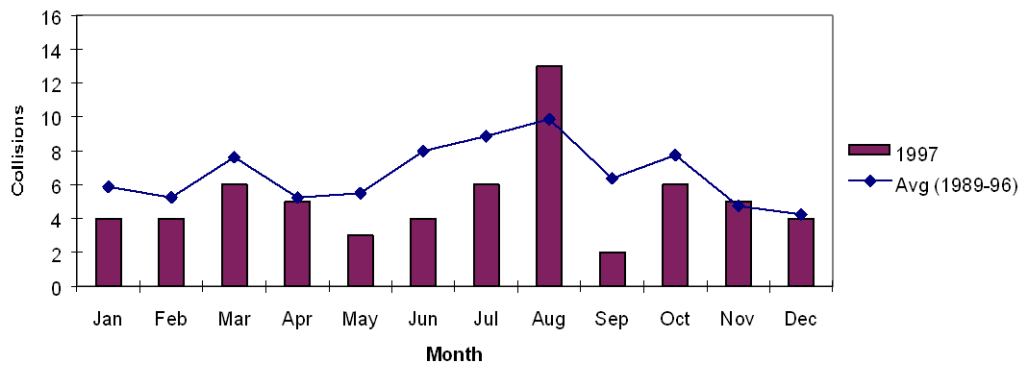
Figure 9.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	107	1,033	1140	9.4
Minimal Injuries	16	83	99	16.2
Minor	20	72	92	21.7
Major	6	18	24	25.0
Fatal	1	7	8	12.5
Injured - Extent Unknown	1	5	6	16.7
Total	151	1218	1369	11.0



Alcohol-Involved Collisions by Month

Figure 9.7



Off-Road Vehicle Collisions by Month and Severity

Figure 10.1

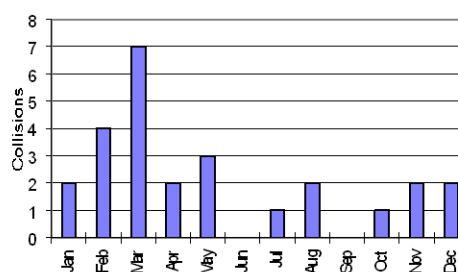
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	1	1	0	2	1	0
February	1	3	0	4	5	0
March	1	5	1	7	13	2
April	0	2	0	2	2	0
May	0	2	1	3	2	1
June	0	0	0	0	0	0
July	1	0	0	1	0	0
August	1	1	0	2	1	0
September	0	0	0	0	0	0
October	0	1	0	1	1	0
November	0	2	0	2	3	0
December	0	2	0	2	2	0
Total	5	19	2	26	30	3

Off-Road Vehicle Collisions by Vehicle Type

Figure 10.2

	Snowmobile	ATV	Total
Total Victims	27	2	29
Killed	3	0	3
Injured	24	2	26
Total Vehicles Involved	25	3	28
Fatal	2	0	2
Injury	20	2	22
Property Damage	3	1	4

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	1	2	0	0	0	0	3	11.1
15 to 19	2	1	0	1	0	0	4	14.8
20 to 24	5	0	0	1	0	0	6	22.2
25 to 34	6	1	0	1	0	0	8	29.6
35 to 44	4	0	0	0	0	0	4	14.8
45 to 54	1	1	0	0	0	0	2	7.4
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	0	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0	0.0
Total	19	5	0	3	0	0	27	100.0

Off-Road Vehicle Drivers in Collisions by Driver Condition and Severity

Figure 10.4

Driver Condition	Property Damage	Personal Injury	Fatal	Total	%
Apparently Normal	4	12	1	17	63.0
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	0	7	0	7	25.9
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	0	2	1	3	11.1
Total	4	21	2	27	100.0

Off-Road Vehicle Drivers in Collisions by Driver Action and Severity

Figure 10.5

Driver Action	Property Damage	Personal Injury	Fatal	Total	%
Driving Properly	0	2	0	2	7.4
Following Too Closely	0	0	0	0	0.0
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	1	5	0	6	22.2
Improper Turning or Passing	0	0	0	0	0.0
Failed to Yield Right-of-Way	1	2	1	4	14.8
Disobeyed Traffic Control or Officer	0	1	0	1	3.7
Driving on Wrong Side of Road	0	1	0	1	3.7
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	0	0	0	0.0
Lost Control	2	6	1	9	33.3
Other	0	4	0	4	14.8
Unknown	0	0	0	0	0.0
Total	4	21	2	27	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	5	9	0	14	32.6
Minimal Injuries	4	9	1	14	32.6
Minor Injuries	0	7	0	7	16.3
Major (Hospital Admission)	0	5	0	5	11.6
Fatal	0	3	0	3	7.0
Injured - Extent Unknown	0	0	0	0	0.0
Total	9	33	1	43	100.0

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	0	4	0	4	8	0
Deline	0	0	0	0	0	0
Fort Good Hope	2	3	1	6	5	1
Fort McPherson	3	5	1	9	15	1
Holman	0	0	0	0	0	0
Inuvik	42	14	0	56	15	0
Norman Wells	5	2	0	7	3	0
Sachs Harbour	0	0	0	0	0	0
Tuktoyaktuk	3	2	0	5	2	0
Tulita	0	2	0	2	3	0
Sub Total						
Inuvik Region	55	32	2	89	51	2

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	5	2	1	8	4	1
Fort Simpson	20	6	0	26	8	0
Sub Total						
Fort Simpson Region	25	8	1	34	12	1

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	42	26	3	71	37	5
Fort Providence	11	4	0	15	7	0
Fort Resolution	5	1	0	6	1	0
Fort Smith	27	13	0	40	18	0
Lutsel K'e	1	1	0	2	1	0
Sub Total						
South Slave Region	86	45	3	134	64	5

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Rae/Wha Ti	24	10	0	34	12	0
Yellowknife	253	56	0	309	82	0
Sub Total						
North Slave Region	277	66	0	343	94	0

Total - All Regions	443	151	6	600	221	8
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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 (1997 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Aklavik	4	157	80	748	2.55	5.00	0.53
Deline	0	96	47	633	0.00	0.00	0.00
Fort Good Hope	6	167	91	780	3.59	6.59	0.77
Fort McPherson	9	220	223	1,123	4.09	4.04	0.80
Ulukhaktok	0	45	98	447	0.00	0.00	0.00
Inuvik	56	1,598	1,477	3,338	3.50	3.79	1.68
Norman Wells	7	479	667	764	1.46	1.05	0.92
Sachs Harbour	0	32	30	164	0.00	0.00	0.00
Tuktoyaktuk	5	285	208	1,263	1.75	2.40	0.40
Tulita	2	57	43	474	3.51	4.65	0.42
Sub Total							
Inuvik Region	89	3,136	2,964	9,734	2.84	3.00	0.91

B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1997 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Fort Liard	8	147	140	519	5.44	5.71	1.54
Fort Simpson	26	720	883	1,718	3.61	2.94	1.51
Sub Total							
Fort Simpson Region	34	867	1,023	2,237	3.92	3.32	1.52

C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1997 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Hay River	71	2,468	3,360	4,067	2.88	2.11	1.75
Fort Providence	15	238	308	863	6.30	4.87	1.74
Fort Resolution	6	214	217	575	2.80	2.76	1.04
Fort Smith	40	1,427	1,486	2,673	2.80	2.69	1.50
Lutsel K'e	2	72	32	345	2.78	6.25	0.58
Sub Total							
South Slave Region	134	4,419	5,403	8,523	3.03	2.48	1.57

D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1997 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Behchoko/Whati	34	602	573	2,649	5.65	5.93	1.28
Yellowknife	309	11,826	11,993	18,367	2.61	2.58	1.68
Sub Total							
North Slave Region	343	12,428	12,566	21,016	2.76	2.73	1.63

Total - All Regions	600	20,850	21,956	41,800	2.88	2.73	1.44
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[1] Number of registered vehicles and licensed drivers are as of December 31, 1997.

[2] 1997 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 1998.

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
	8.0	21-Mar-1997	Fatal	Other Multi-Vehicle Collision	0	2
	25.0	5-Aug-1997	Injury	Single Vehicle Rollover	1	0
	25.0	7-Aug-1997	Injury	Single Vehicle Rollover	2	0
	51.0	26-Mar-1997	Property Damage	Single Vehicle Rollover	0	0
	71.0	1-Jun-1997	Injury	Single Vehicle Rollover	1	0
	83.0	15-Oct-1997	Injury	Single Vehicle Rollover	1	0
	93.0	6-Feb-1997	Injury	Single Vehicle Rollover	1	0
	130.0	26-Mar-1997	Fatal	Other Multi-Vehicle Collision	0	2
	176.0	4-Apr-1997	Property Damage	Single Vehicle Rollover	0	0
	277.0	12-Jun-1997	Injury	Single Vehicle Rollover	2	0
	287.0	2-Apr-1997	Property Damage	Collision with Fixed Object	0	0
	341.0	9-May-1997	Injury	Single Vehicle Rollover	1	0
	368.0	21-Feb-1997	Property Damage	Head-on	0	0
	371.0	29-Jul-1997	Property Damage	Rear End	0	0
	372.0	10-Aug-1997	Property Damage	Single Vehicle Rollover	0	0
	396.0	18-Oct-1997	Property Damage	Single Vehicle Rollover	0	0
	429.0	14-Sep-1997	Injury	Single Vehicle Rollover	3	0
	438.0	2-Jul-1997	Property Damage	Collision with Fixed Object	0	0
	457.0	11-Oct-1997	Property Damage	Collision with Fixed Object	0	0
	457.0	29-Oct-1997	Property Damage	Sideswipe - Opposite Direction	0	0
	461.0	27-Nov-1997	Injury	Single Vehicle Rollover	1	0
	471.0	28-Mar-1997	Property Damage	Collision with Fixed Object	0	0
	552.0	16-Aug-1997	Injury	Single Vehicle Rollover	1	0
Summary Highway #1	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	11	10	2	23	14	4
Highway #2 (Hay River)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	5.0	14-Aug-1997	Injury	Single Vehicle Rollover	1	0
	33.0	7-Feb-1997	Injury	Single Vehicle Rollover	1	0
	37.0	1-Jul-1997	Injury	Right Angle	2	0
	38.0	4-Aug-1997	Injury	Collision with Pedestrian	1	0
	38.0	10-Aug-1997	Property Damage	Right Angle	0	0
	38.0	14-Nov-1997	Property Damage	Collision with Fixed Object	0	0
	38.3	24-Aug-1997	Property Damage	Right Angle	0	0
	38.3	2-Dec-1997	Injury	Sideswipe - Opposite Direction	4	0
	38.8	3-Sep-1997	Injury	Left Turn Across Path	2	0
	40.0	20-Jan-1997	Injury	Other Multi-Vehicle Collision	3	0
	40.0	4-Oct-1997	Injury	Single Vehicle Rollover	1	0
	42.0	16-Jan-1997	Injury	Single Vehicle Rollover	1	0
	42.0	14-Apr-1997	Injury	Single Vehicle Rollover	1	0
	42.0	30-Jun-1997	Fatal	Collision with Fixed Object	0	1
	42.0	18-Oct-1997	Property Damage	Other Multi-Vehicle Collision	0	0
	44.6	19-Apr-1997	Injury	Other Multi-Vehicle Collision	1	0
Summary Highway #2	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	4	11	1	16	18	1

Geographic Distribution – Section 11

Highway #3 (Yellowknife)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	33.0	28-Sep-1997	Property Damage	Animal Strike	0	0
	46.0	29-Oct-1997	Property Damage	Animal Strike	0	0
	75.0	24-Dec-1997	Property Damage	Sideswipe - Opposite Direction	0	0
	82.0	12-Feb-1997	Injury	Sideswipe - Opposite Direction	1	0
	131.0	24-Oct-1997	Property Damage	Animal Strike	0	0
	132.0	30-Aug-1997	Property Damage	Animal Strike	0	0
	147.0	16-Mar-1997	Injury	Animal Strike	1	0
	148.0	16-Jul-1997	Property Damage	Other Multi-Vehicle Collision	0	0
	227.0	13-Feb-1997	Property Damage	Single Vehicle Rollover	0	0
	227.0	7-Jul-1997	Property Damage	Ran Off Road	0	0
	243.0	10-Jan-1997	Injury	Head-on	1	0
	243.0	11-Oct-1997	Injury	Other Multi-Vehicle Collision	2	0
	246.0	13-Apr-1997	Injury	Single Vehicle Rollover	1	0
	252.0	20-Jul-1997	Property Damage	Ran Off Road	0	0
	255.0	2-Jan-1997	Property Damage	Ran Off Road	0	0
	255.0	7-Sep-1997	Property Damage	Ran Off Road	0	0
	265.0	12-Oct-1997	Injury	Ran Off Road	2	0
	279.0	2-Nov-1997	Property Damage	Collision with Fixed Object	0	0
	280.0	20-Apr-1997	Injury	Single Vehicle Rollover	1	0
	285.0	6-Dec-1997	Injury	Collision with Fixed Object	1	0
	287.0	6-Dec-1997	Property Damage	Collision with Fixed Object	0	0
	288.0	7-Jun-1997	Property Damage	Sideswipe - Opposite Direction	0	0
	289.0	5-Feb-1997	Property Damage	Single Vehicle Rollover	0	0
	295.0	24-Jan-1997	Injury	Single Vehicle Rollover	1	0
	299.0	24-Oct-1997	Property Damage	Ran Off Road	0	0
	309.0	14-Feb-1997	Property Damage	Other Multi-Vehicle Collision	0	0
	310.0	27-Dec-1997	Property Damage	Collision with Fixed Object	0	0
	317.0	17-Jun-1997	Property Damage	Ran Off Road	0	0
	318.0	16-May-1997	Property Damage	Animal Strike	0	0
	319.0	26-Oct-1997	Injury	Ran Off Road	1	0
	326.0	21-Mar-1997	Injury	Rear End	2	0
	326.0	21-Mar-1997	Property Damage	Single Vehicle Rollover	0	0
	329.0	27-Jul-1997	Injury	Collision with Fixed Object	2	0
	333.0	14-Apr-1997	Property Damage	Ran Off Road	0	0
	335.7	24-Feb-1997	Property Damage	Right Angle	0	0
	336.7	17-Feb-1997	Property Damage	Other Multi-Vehicle Collision	0	0
	338.8	29-Jul-1997	Property Damage	Other Multi-Vehicle Collision	0	0
	338.8	1-Nov-1997	Property Damage	Collision with Fixed Object	0	0
Summary Highway #3	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	26	12	0	38	16	0

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Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	1.0	5-Feb-1997	Injury	Other Multi-Vehicle Collision	1	0
	2.0	25-Jun-1997	Property Damage	Ran Off Road	0	0
	5.0	24-Mar-1997	Property Damage	Ran Off Road	0	0
	7.0	16-May-1997	Property Damage	Single Vehicle Rollover	0	0
	7.0	19-Oct-1997	Injury	Ran Off Road	1	0
	12.0	27-Sep-1997	Property Damage	Single Vehicle Rollover	0	0
	16.0	8-Mar-1997	Injury	Head-on	2	0
	16.8	22-Feb-1997	Property Damage	Right Angle	0	0
	18.0	31-Mar-1997	Injury	Rear End	3	0
	20.0	13-Dec-1997	Property Damage	Ran Off Road	0	0
	34.0	3-Aug-1997	Injury	Single Vehicle Rollover	6	0
	36.0	5-Aug-1997	Injury	Ran Off Road	2	0
	44.0	4-Aug-1997	Injury	Single Vehicle Rollover	1	0
	46.0	2-Aug-1997	Property Damage	Sideswipe - Opposite Direction	0	0
Summary Highway #4	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	7	7	0	14	16	0
Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	14.0	12-Oct-1997	Property Damage	Ran Off Road	0	0
	24.0	16-Oct-1997	Property Damage	Single Vehicle Rollover	0	0
	58.0	9-Jul-1997	Property Damage	Collision with Fixed Object	0	0
	61.0	21-Jan-1997	Property Damage	Passing - Left Turn	0	0
	82.0	14-Aug-1997	Property Damage	Animal Strike	0	0
	112.0	14-Oct-1997	Injury	Animal Strike	1	0
	144.0	19-Sep-1997	Property Damage	Single Vehicle Rollover	0	0
	146.0	2-Jan-1997	Property Damage	Animal Strike	0	0
	146.0	23-May-1997	Injury	Animal Strike	1	0
	164.0	22-Nov-1997	Property Damage	Single Vehicle Rollover	0	0
	186.0	3-Sep-1997	Property Damage	Single Vehicle Rollover	0	0
	206.0	21-May-1997	Injury	Single Vehicle Rollover	1	0
	206.0	25-Dec-1997	Injury	Single Vehicle Rollover	2	0
	231.0	27-Mar-1997	Injury	Rear End	2	0
	246.0	24-Aug-1997	Property Damage	Single Vehicle Rollover	0	0
	262.7	23-Feb-1997	Property Damage	Other Multi-Vehicle Collision	0	0
	263.0	2-Jan-1997	Injury	Single Vehicle Rollover	2	0
	264.0	18-Apr-1997	Injury	Other Single Vehicle Collision	1	0
Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	11	7	0	18	10	0
Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	27.0	18-Dec-1997	Property Damage	Rear End	0	0
	85.0	22-Mar-1997	Injury	Single Vehicle Rollover	1	0
Summary Highway #6	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	1	1	0	2	1	0

Geographic Distribution – Section 11

Highway #7 (Liard Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	10.0	12-Oct-1997	Property Damage	Animal Strike	0	0
	105.0	15-Feb-1997	Injury	Rear End	3	0
	163.0	29-Aug-1997	Property Damage	Sideswipe Same Direction	0	0

Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	2	1	0	3	3	0

Highway #8 (Dempster Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	39.0	8-Jul-1997	Injury	Single Vehicle Rollover	2	0
	51.0	19-Aug-1997	Property Damage	Single Vehicle Rollover	0	0
	71.0	24-Aug-1997	Fatal	Single Vehicle Rollover	0	1
	73.0	21-Aug-1997	Injury	Single Vehicle Rollover	5	0
	78.0	19-Jun-1997	Property Damage	Single Vehicle Rollover	0	0
	79.0	7-Dec-1997	Injury	Single Vehicle Rollover	3	0
	95.0	10-Jul-1997	Property Damage	Single Vehicle Rollover	0	0
	97.0	12-Oct-1997	Injury	Collision with Fixed Object	3	0
	168.0	2-Sep-1997	Property Damage	Single Vehicle Rollover	0	0
	195.0	8-Jun-1997	Property Damage	Collision with Fixed Object	0	0
	215.0	1-Dec-1997	Property Damage	Ran Off Road	0	0
	235.0	25-Mar-1997	Property Damage	Single Vehicle Rollover	0	0

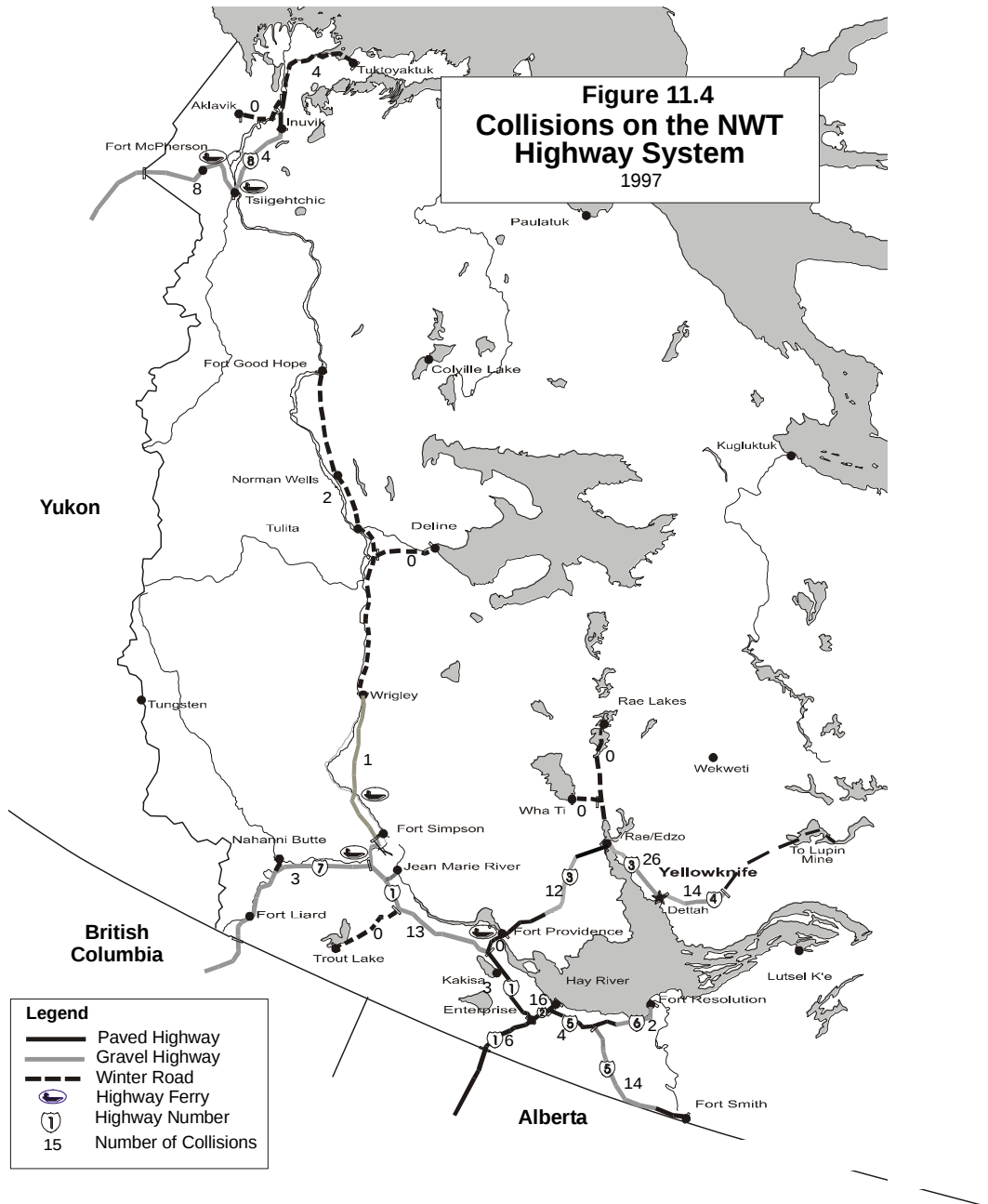
Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	7	4	1	12	13	1

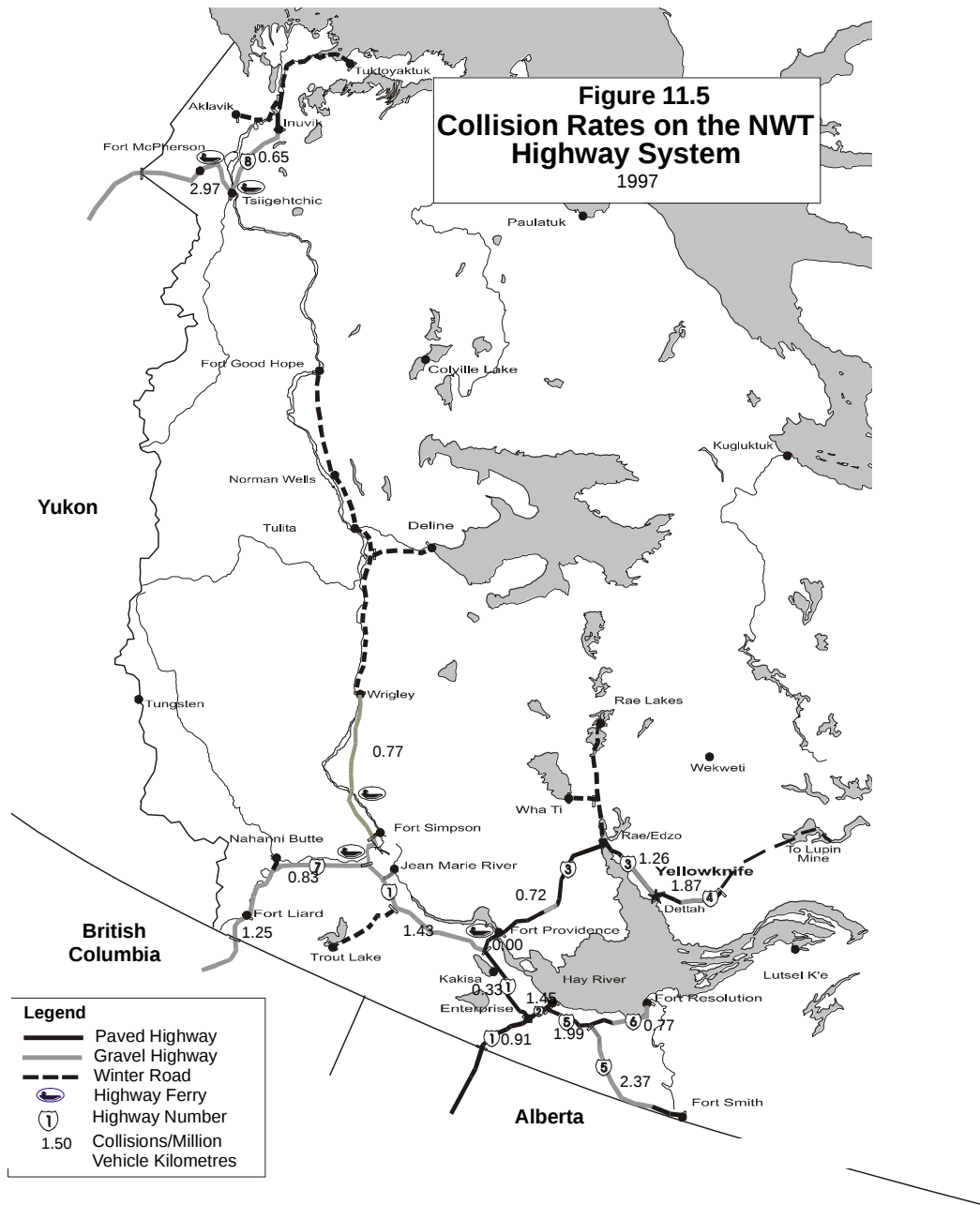
Geographic Distribution – Section 11

Access and Winter Roads	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
Cassidy Point Access Road	10-Aug-1997	Property Damage	Other Multi-Vehicle Collision	0	0
Dettah Winter Access Road	29-Mar-1997	Property Damage	Single Vehicle Rollover	0	0
Fort McPherson Access Road	18-Mar-1997	Injury	Collision with Fixed Object	2	0
Hay River Reserve Access Road	11-Jan-1997	Property Damage	Head-on	0	0
Hay River Reserve Access Road	31-Aug-1997	Injury	Single Vehicle Rollover	1	0
Hay River Reserve Access Road	19-Sep-1997	Injury	Ran Off Road	2	0
Hay River Reserve Access Road	2-Nov-1997	Property Damage	Collision with Fixed Object	0	0
Inuvik Access Road	21-Dec-1997	Property Damage	Other Multi-Vehicle Collision	0	0
Inuvik-Tuktoyaktuk Winter Road	9-Jan-1997	Injury	Collision with Parked Vehicle	1	0
Inuvik-Tuktoyaktuk Winter Road	6-Apr-1997	Injury	Single Vehicle Rollover	1	0
Inuvik-Tuktoyaktuk Winter Road	9-Apr-1997	Injury	Single Vehicle Rollover	1	0
Inuvik-Tuktoyaktuk Winter Road	13-Apr-1997	Property Damage	Collision with Fixed Object	0	0
Mackenzie Highway Winter Road	26-Feb-1997	Property Damage	Collision with Fixed Object	0	0
Mackenzie Highway Winter Road	19-Mar-1997	Property Damage	Collision with Fixed Object	0	0
Rae Access Road	20-Jan-1997	Property Damage	Other Multi-Vehicle Collision	0	0
Vee Lake Access Road	3-Feb-1997	Property Damage	Sideswipe - Opposite Direction	0	0
Yellowknife Access Road	14-Oct-1997	Injury	Collision with Fixed Object	1	0

Summary Access and Winter Roads	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	10	7	0	17	9	0

Summary All NWT Highways	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	79	60	4	143	100	6





Appendix A2 – NWT MVA Report Form Template

ROAD CLASS 1. N/A 2. Primary/Primary Hwy 3. Arterial St./Rte. Rd. 4. Residential/Local Road (Dist. Rd.)		ACCIDENT LOCATION 1. N/A 2. Non-Intersection 3. Intersection-Related 4. In Intersection 5. At/Adjacent to Drive to Residence 6. At/Adjacent Commercial Entrance 7. At/Adjacent Residential Entrance		SPECIAL FACILITY 1. N/A 2. Traffic Interchange-Through Hwy 3. Interchange-Exit Ramp 4. Interchange-Entrance Ramp 5. Traffic Circle 6. Bridge/Coverpass 7. Tunnel/Coverpass 8. Parking Lot 9. Other 10. Unknown		TRAFFIC CONTROL 1. No control present 2. Traffic Signal 3. Flashing Light Stop 4. School zone 5. School Xing Flashing Light 6. School Xing School Guard/Post 7. School Xing Advisory Sign Only 8. School Bus 9. Ped. X-cross 10. Stop sign 11. Yield sign 12. Merge sign 13. School Xing School Guard/Post 14. School Xing Advisory Sign Only 15. Police control 16. School Bus 17. Ped. X-cross 18. Stop sign 19. Yield sign 20. Merge sign 21. School Xing School Guard/Post 22. School Xing Advisory Sign Only 23. Police control 24. Unknown		TRAFFIC CONTROL CONDITION 1. N/A 2. No controls 3. Traffic control functioning 4. Traffic control causing/reduced		ROADWAY SPEED (km/h) 1. N/A 2. No controls 3. Traffic control functioning 4. Traffic control causing/reduced		ROADWAY ALIGNMENT 1. N/A 2. Straight Level 3. Straight with Grade 4. Straight at Hillcrest 5. Curve & Level 6. Curve with Grade 7. Curve at Hillcrest 8. Other 9. Unknown		HAZARDOUS LOADS 1. N/A 2. Explosives 3. Flammable/Liquid 4. Flammable Gas 5. Corrosive Mat. 6. Corrosive Mat. 7. Compressed Gases 8. Flammable Comp. Gases 9. Flammable Sol. 10. Radioactive Mat. 11. Flammable Gas 12. Other (Specify) 13. Unknown		LOAD SPILLED (in accident) 1. N/A 2. Spilled 3. Not Spilled 4. Unknown		POINT OF INITIAL IMPACT 1. N/A 2. Other 3. Unknown		OCCUPANT PROTECTION 1. N/A 2. Not Equipped 3. Point Belts 4. Point Belts & Torso Belts 5. Air Bags 6. Proper Clothing 7. Helmets 8. Other (Specify) 9. Unknown		HUMAN ACTION 1. N/A 2. Backing Unsafely 3. Followed too Closely 4. R. Turn into Wrong Lane 5. L. Turn into Wrong Lane 6. L. Turn into Wrong Lane 7. L. Turn into Wrong Lane 8. L. Turn into Wrong Lane 9. L. Turn into Wrong Lane 10. L. Turn into Wrong Lane 11. L. Turn into Wrong Lane 12. L. Turn into Wrong Lane 13. L. Turn into Wrong Lane 14. L. Turn into Wrong Lane 15. L. Turn into Wrong Lane 16. L. Turn into Wrong Lane 17. L. Turn into Wrong Lane 18. L. Turn into Wrong Lane 19. L. Turn into Wrong Lane 20. L. Turn into Wrong Lane 21. L. Turn into Wrong Lane 22. L. Turn into Wrong Lane 23. L. Turn into Wrong Lane 24. L. Turn into Wrong Lane 25. L. Turn into Wrong Lane 26. L. Turn into Wrong Lane 27. L. Turn into Wrong Lane		POSITION FROM VEHICLE 1. Driver's View 2. Passenger's View 3. Rearview Mirror 4. Side Mirror 5. Outside Mirror 6. Outside Mirror 7. Outside Mirror 8. Outside Mirror 9. Outside Mirror 10. Outside Mirror 11. Outside Mirror 12. Outside Mirror 13. Outside Mirror 14. Outside Mirror 15. Outside Mirror 16. Outside Mirror 17. Outside Mirror 18. Outside Mirror 19. Outside Mirror 20. Outside Mirror 21. Outside Mirror 22. Outside Mirror 23. Outside Mirror 24. Outside Mirror 25. Outside Mirror 26. Outside Mirror 27. Outside Mirror		SAFETY EQUIP. USED 1. Yes 2. No 3. Partial 4. Other 5. Unknown		SEX 1. Male 2. Female 3. Unknown		AGE 1. 17-24 2. 25-34 3. 35-44 4. 45-54 5. 55-64 6. 65-74 7. 75-84 8. 85-94 9. 95-104 10. 105-114 11. 115-124 12. 125-134 13. 135-144 14. 145-154 15. 155-164 16. 165-174 17. 175-184 18. 185-194 19. 195-204 20. 205-214 21. 215-224 22. 225-234 23. 235-244 24. 245-254 25. 255-264 26. 265-274 27. 275-284 28. 285-294 29. 295-304 30. 305-314 31. 315-324 32. 325-334 33. 335-344 34. 345-354 35. 355-364 36. 365-374 37. 375-384 38. 385-394 39. 395-404 40. 405-414 41. 415-424 42. 425-434 43. 435-444 44. 445-454 45. 455-464 46. 465-474 47. 475-484 48. 485-494 49. 495-504 50. 505-514 51. 515-524 52. 525-534 53. 535-544 54. 545-554 55. 555-564 56. 565-574 57. 575-584 58. 585-594 59. 595-604 60. 605-614 61. 615-624 62. 625-634 63. 635-644 64. 645-654 65. 655-664 66. 665-674 67. 675-684 68. 685-694 69. 695-704 70. 705-714 71. 715-724 72. 725-734 73. 735-744 74. 745-754 75. 755-764 76. 765-774 77. 775-784 78. 785-794 79. 795-804 80. 805-814 81. 815-824 82. 825-834 83. 835-844 84. 845-854 85. 855-864 86. 865-874 87. 875-884 88. 885-894 89. 895-904 90. 905-914 91. 915-924 92. 925-934 93. 935-944 94. 945-954 95. 955-964 96. 965-974 97. 975-984 98. 985-994 99. 995-1004 100. 1005-1014 101. 1015-1024 102. 1025-1034 103. 1035-1044 104. 1045-1054 105. 1055-1064 106. 1065-1074 107. 1075-1084 108. 1085-1094 109. 1095-1104 110. 1105-1114 111. 1115-1124 112. 1125-1134 113. 1135-1144 114. 1145-1154 115. 1155-1164 116. 1165-1174 117. 1175-1184 118. 1185-1194 119. 1195-1204 120. 1205-1214 121. 1215-1224 122. 1225-1234 123. 1235-1244 124. 1245-1254 125. 1255-1264 126. 1265-1274 127. 1275-1284 128. 1285-1294 129. 1295-1304 130. 1305-1314 131. 1315-1324 132. 1325-1334 133. 1335-1344 134. 1345-1354 135. 1355-1364 136. 1365-1374 137. 1375-1384 138. 1385-1394 139. 1395-1404 140. 1405-1414 141. 1415-1424 142. 1425-1434 143. 1435-1444 144. 1445-1454 145. 1455-1464 146. 1465-1474 147. 1475-1484 148. 1485-1494 149. 1495-1504 150. 1505-1514 151. 1515-1524 152. 1525-1534 153. 1535-1544 154. 1545-1554 155. 1555-1564 156. 1565-1574 157. 1575-1584 158. 1585-1594 159. 1595-1604 160. 1605-1614 161. 1615-1624 162. 1625-1634 163. 1635-1644 164. 1645-1654 165. 1655-1664 166. 1665-1674 167. 1675-1684 168. 1685-1694 169. 1695-1704 170. 1705-1714 171. 1715-1724 172. 1725-1734 173. 1735-1744 174. 1745-1754 175. 1755-1764 176. 1765-1774 177. 1775-1784 178. 1785-1794 179. 1795-1804 180. 1805-1814 181. 1815-1824 182. 1825-1834 183. 1835-1844 184. 1845-1854 185. 1855-1864 186. 1865-1874 187. 1875-1884 188. 1885-1894 189. 1895-1904 190. 1905-1914 191. 1915-1924 192. 1925-1934 193. 1935-1944 194. 1945-1954 195. 1955-1964 196. 1965-1974 197. 1975-1984 198. 1985-1994 199. 1995-2004 200. 2005-2014 201. 2015-2024 202. 2025-2034 203. 2035-2044 204. 2045-2054 205. 2055-2064 206. 2065-2074 207. 2075-2084 208. 2085-2094 209. 2095-2104 210. 2105-2114 211. 2115-2124 212. 2125-2134 213. 2135-2144 214. 2145-2154 215. 2155-2164 216. 2165-2174 217. 2175-2184 218. 2185-2194 219. 2195-2204 220. 2205-2214 221. 2215-2224 222. 2225-2234 223. 2235-2244 224. 2245-2254 225. 2255-2264 226. 2265-2274 227. 2275-2284 228. 2285-2294 229. 2295-2304 230. 2305-2314 231. 2315-2324 232. 2325-2334 233. 2335-2344 234. 2345-2354 235. 2355-2364 236. 2365-2374 237. 2375-2384 238. 2385-2394 239. 2395-2404 240. 2405-2414 241. 2415-2424 242. 2425-2434 243. 2435-2444 244. 2445-2454 245. 2455-2464 246. 2465-2474 247. 2475-2484 248. 2485-2494 249. 2495-2504 250. 2505-2514 251. 2515-2524 252. 2525-2534 253. 2535-2544 254. 2545-2554 255. 2555-2564 256. 2565-2574 257. 2575-2584 258. 2585-2594 259. 2595-2604 260. 2605-2614 261. 2615-2624 262. 2625-2634 263. 2635-2644 264. 2645-2654 265. 2655-2664 266. 2665-2674 267. 2675-2684 268. 2685-2694 269. 2695-2704 270. 2705-2714 271. 2715-2724 272. 2725-2734 273. 2735-2744 274. 2745-2754 275. 2755-2764 276. 2765-2774 277. 2775-2784 278. 2785-2794 279. 2795-2804 280. 2805-2814 281. 2815-2824 282. 2825-2834 283. 2835-2844 284. 2845-2854 285. 2855-2864 286. 2865-2874 287. 2875-2884 288. 2885-2894 289. 2895-2904 290. 2905-2914 291. 2915-2924 292. 2925-2934 293. 2935-2944 294. 2945-2954 295. 2955-2964 296. 2965-2974 297. 2975-2984 298. 2985-2994 299. 2995-3004 300. 3005-3014 301. 3015-3024 302. 3025-3034 303. 3035-3044 304. 3045-3054 305. 3055-3064 306. 3065-3074 307. 3075-3084 308. 3085-3094 309. 3095-3104 310. 3105-3114 311. 3115-3124 312. 3125-3134 313. 3135-3144 314. 3145-3154 315. 3155-3164 316. 3165-3174 317. 3175-3184 318. 3185-3194 319. 3195-3204 320. 3205-3214 321. 3215-3224 322. 3225-3234 323. 3235-3244 324. 3245-3254 325. 3255-3264 326. 3265-3274 327. 3275-3284 328. 3285-3294 329. 3295-3304 330. 3305-3314 331. 3315-3324 332. 3325-3334 333. 3335-3344 334. 3345-3354 335. 3355-3364 336. 3365-3374 337. 3375-3384 338. 3385-3394 339. 3395-3404 340. 3405-3414 341. 3415-3424 342. 3425-3434 343. 3435-3444 344. 3445-3454 345. 3455-3464 346. 3465-3474 347. 3475-3484 348. 3485-3494 349. 3495-3504 350. 3505-3514 351. 3515-3524 352. 3525-3534 353. 3535-3544 354. 3545-3554 355. 3555-3564 356. 3565-3574 357. 3575-3584 358. 3585-3594 359. 3595-3604 360. 3605-3614 361. 3615-3624 362. 3625-3634 363. 3635-3644 364. 3645-3654 365. 3655-3664 366. 3665-3674 367. 3675-3684 368. 3685-3694 369. 3695-3704 370. 3705-3714 371. 3715-3724 372. 3725-3734 373. 3735-3744 374. 3745-3754 375. 3755-3764 376. 3765-3774 377. 3775-3784 378. 3785-3794 379. 3795-3804 380. 3805-3814 381. 3815-3824 382. 3825-3834 383. 3835-3844 384. 3845-3854 385. 3855-3864 386. 3865-3874 387. 3875-3884 388. 3885-3894 389. 3895-3904 390. 3905-3914 391. 3915-3924 392. 3925-3934 393. 3935-3944 394. 3945-3954 395. 3955-3964 396. 3965-3974 397. 3975-3984 398. 3985-3994 399. 3995-4004 400. 4005-4014 401. 4015-4024 402. 4025-4034 403. 4035-4044 404. 4045-4054 405. 4055-4064 406. 4065-4074 407. 4075-4084 408. 4085-4094 409. 4095-4104 410. 4105-4114 411. 4115-4124 412. 4125-4134 413. 4135-4144 414. 4145-4154 415. 4155-4164 416. 4165-4174 417. 4175-4184 418. 4185-4194 419. 4195-4204 420. 4205-4214 421. 4215-4224 422. 4225-4234 423. 4235-4244 424. 4245-4254 425. 4255-4264 426. 4265-4274 427. 4275-4284 428. 4285-4294 429. 4295-4304 430. 4305-4314 431. 4315-4324 432. 4325-4334 433. 4335-4344 434. 4345-4354 435. 4355-4364 436. 4365-4374 437. 4375-4384 438. 4385-4394 439. 4395-4404 440. 4405-4414 441. 4415-4424 442. 4425-4434 443. 4435-4444 444. 4445-4454 445. 4455-4464 446. 4465-4474 447. 4475-4484 448. 4485-4494 449. 4495-4504 450. 4505-4514 451. 4515-4524 452. 4525-4534 453. 4535-4544 454. 4545-4554 455. 4555-4564 456. 4565-4574 457. 4575-4584 458. 4585-4594 459. 4595-4604 460. 4605-4614 461. 4615-4624 462. 4625-4634 463. 4635-4644 464. 4645-4654 465. 4655-4664 466. 4665-4674 467. 4675-4684 468. 4685-4694 469. 4695-4704 470. 4705-4714 471. 4715-4724 472. 4725-4734 473. 4735-4744 474. 4745-4754 475. 4755-4764 476. 4765-4774 477. 4775-4784 478. 4785-4794 479. 4795-4804 480. 4805-4814 481. 4815-4824 482. 4825-4834 483. 4835-4844 484. 4845-4854 485. 4855-4864 486. 4865-4874 487. 4875-4884 488. 4885-4894 489. 4895-4904 490. 4905-4914 491. 4915-4924 492. 4925-4934 493. 4935-4944 494. 4945-4954 495. 4955-4964 496. 4965-4974 497. 4975-4984 498. 4985-4994 499. 4995-5004 500. 5005-5014 501. 5015-5024 502. 5025-5034 503. 5035-5044 504. 5045-5054 505. 5055-5064 506. 5065-5074 507. 5075-5084 508. 5085-5094 509. 5095-5104 510. 5105-5114 511. 5115-5124 512. 5125-5134 513. 5135-5144 514. 5145-5154 515. 5155-5164 516. 5165-5174 517. 5175-5184 518. 5185-5194 519. 5195-5204 520. 5205-5214 521. 5215-5224 522. 5225-5234 523. 5235-5244 524. 5245-5254 525. 5255-5264 526. 5265-5274 527. 5275-5284 528. 5285-5294 529. 5295-5304 530. 5305-5314 531. 5315-5324 532. 5325-5334 533. 5335-5344 534. 5345-5354 535. 5355-5364 536. 5365-5374 537. 5375-5384 538. 5385-5394 539. 5395-5404 540. 5405-5414 541. 5415-5424 542. 5425-5434 543. 5435-5444 544. 5445-5454 545. 5455-5464 546. 5465-5474 547. 5475-5484 548. 5485-5494 549. 5495-5504 550. 5505-5514 551. 5515-5524 552. 5525-5534 553. 5535-5544 554. 5545-5554 555. 5555-5564 556. 5565-5574 557. 5575-5584 558. 5585-5594 559. 5595-5604 560. 56	
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Appendix A3 – Brief Description of Fatal Collisions

The following is a brief description of the six fatal traffic collisions that took place in the Northwest Territories in 1997, resulting in eight fatalities.

RCMP Detachment	Date	Description
Hay River	20-Mar	Snowmobile struck by tractor-trailer unit while crossing Highway #1 south of Enterprise. Both driver and passenger on snowmobile sustained fatal injuries. Alcohol not involved.
Hay River	25-Mar	Two tractor-trailer units collided head-on near Km 130, Highway #1. Visibility limited in snow and blowing snow. Both drivers and sole occupants fatally injured. Alcohol not involved.
Colville Lake	19-May	Snowmobile rolled over on trail over frozen lake. Unhelmeted passenger pinned under snowmobile and sustained fatal injuries.
Hay River	29-Jun	Alcohol-impaired driver lost control of pickup truck and drove into boat launch area and submerged. Driver drowned.
Fort Liard	1-Jul	Young unhelmeted cyclist exited private driveway and was struck by van. Cyclist sustained fatal injuries.
Fort McPherson	24-Aug	Passenger car involved in single vehicle rollover on Km 71 of Highway #8. Right front passenger totally ejected and died at scene. Seatbelts were not worn by either driver or passenger.