

1995 NWT Traffic Collision Facts

Department of Transportation
Road Licensing and Safety Division
May, 2001

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.

1995 QUICK FACTS REPORT

1995 Compared to 1994

	<u>1994</u>	<u>1995</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	570	513	-10.0
PERSONAL INJURY COLLISIONS	173	165	-4.6
FATAL COLLISIONS	2	4	100.0
TOTAL REPORTED COLLISIONS	745	682	-8.5
NUMBER OF PERSONS KILLED	3	4	33.3
NUMBER OF PERSONS INJURED	241	224	-7.1
NWT HIGHWAY SYSTEM COLLISIONS	176	152	-13.6
RURAL COLLISIONS	6	9	50.0
COLLISIONS IN COMMUNITIES	563	521	-7.5
REGISTERED VEHICLES	22,000	22,350	1.6
LICENSED DRIVERS	22,853	23,635	3.4
NWT POPULATION [1]	41,700	41,500	-0.5
COLLISIONS PER 100 LICENSED DRIVERS	3.26	2.89	-11.5
COLLISIONS PER 100 REGISTERED VEHICLES	3.39	3.05	-9.9
COLLISIONS PER 100 POPULATION	1.79	1.64	-8.0
COLLISIONS INVOLVING ALCOHOL	66	74	12.1

[1] 1994 and 1995 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 1996.

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.

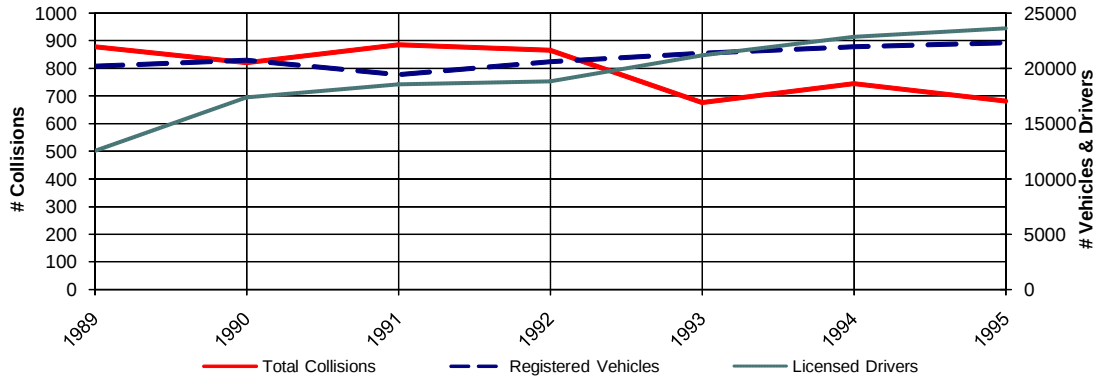
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Trends in Licensed Drivers, Registered Vehicles and Collisions

Figure 1.1

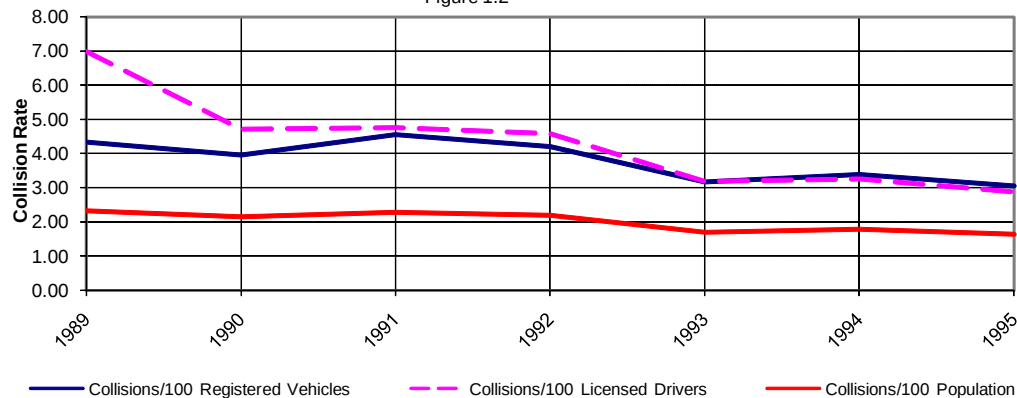


3 Year Summary

	1993	1994	1995	% Change
Registered Vehicles	21,391	22,000	22,350	1.6
Licensed Drivers	21,218	22,853	23,635	3.4
Total Collisions	677	745	682	-8.5

Trends in Collision Rates by Vehicles, Drivers and Population

Figure 1.2

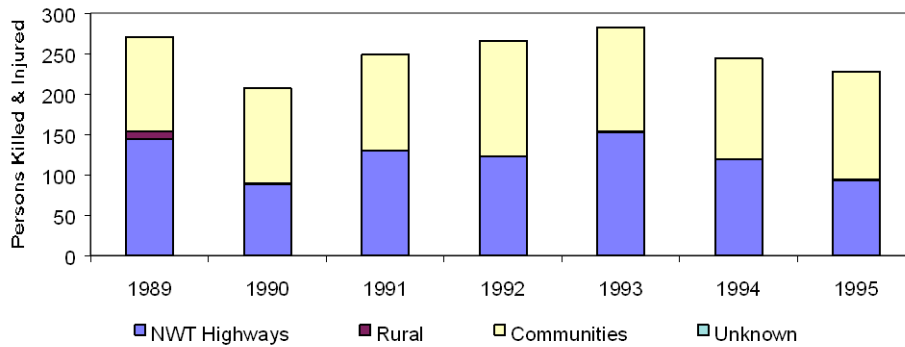


3 Year Summary

	1993	1994	1995	% Change
Collisions/100 Registered Vehicles	3.16	3.39	3.05	-9.9
Collisions/100 Licensed Drivers	3.19	3.26	2.89	-11.5
Collisions/100 Population	1.70	1.79	1.64	-8.0

Trends in Injuries & Fatalities

Figure 1.3

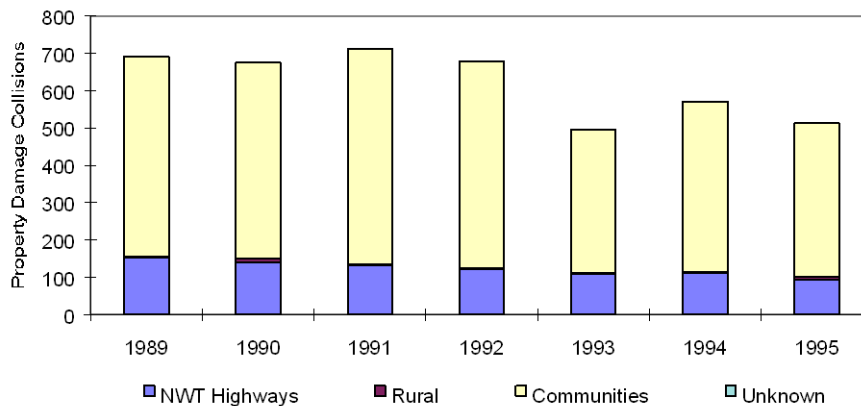


3 Year Summary

	Persons Injured				Persons Killed			
	1993	1994	1995	% Change	1993	1994	1995	% Change
NWT Highways	133	86	89	3.5	2	2	4	100.0
Rural	4	0	1	-	0	0	0	-
Communities	142	155	134	-13.5	2	1	0	-100.0
Total	279	241	224	-7.1	4	3	4	33.3

Trends in Property Damage Collisions

Figure 1.4

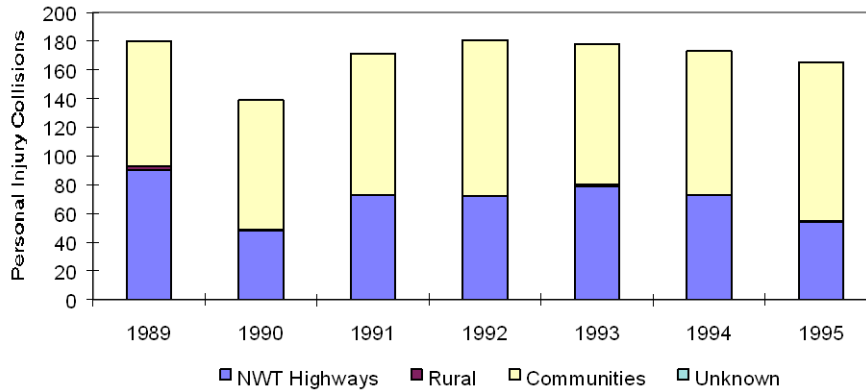


3 Year Summary

	Property Damage Collisions			
	1993	1994	1995	% Change
NWT Highways	120	125	94	-24.8
Rural	3	6	8	33.3
Communities	370	439	411	-6.4
Total	493	570	513	-10.0

Trends in Personal Injury Collisions

Figure 1.5

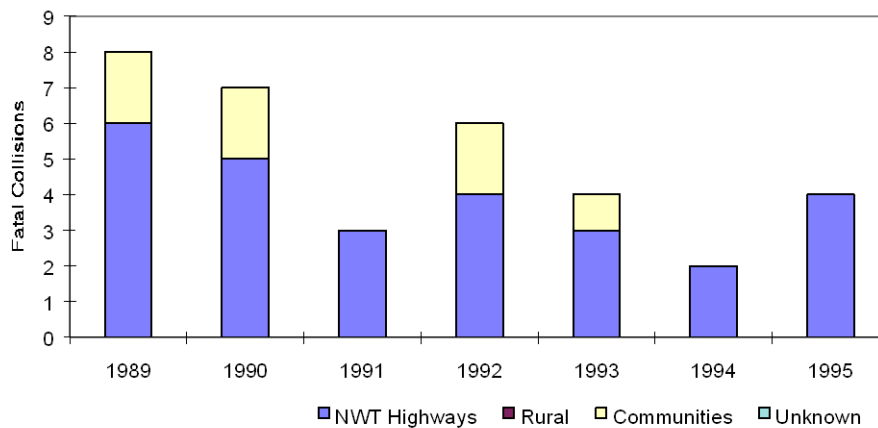


3 Year Summary

	Personal Injury Collisions			
	1993	1994	1995	% Change
NWT Highways	71	50	54	8.0
Rural	2	0	1	-
Communities	105	123	110	-10.6
Total	178	173	165	-4.6

Trends in Fatal Collisions

Figure 1.6

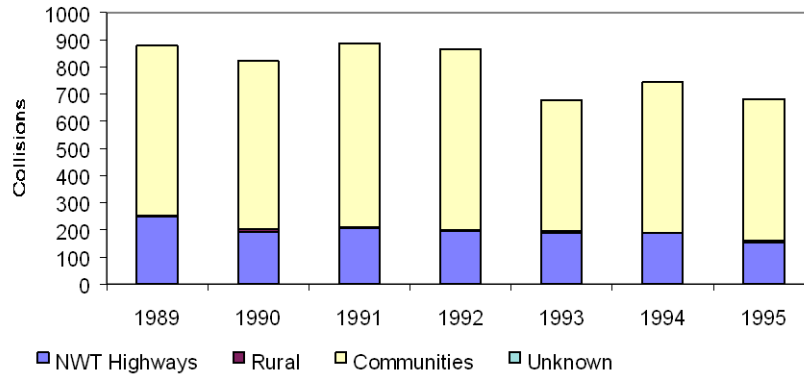


3 Year Summary

	Fatal Collisions			
	1993	1994	1995	% Change
NWT Highways	2	1	4	300.0
Rural	0	0	0	-
Communities	2	1	0	-100.0
Total	4	2	4	100.0

Trends in All Reported Collisions

Figure 1.7



3 Year Summary

	1993	1994	1995	% Change
NWT Highways	193	176	152	-13.6
Rural	5	6	9	50.0
Communities	477	563	521	-7.5
Total	675	745	682	-8.5

Property Damage Collisions by Month and Year

Figure 1.8

Month	1989	1990	1991	1992	1993	1994	Avg. 89 to 94	1995	% Change*
January	66	63	86	74	46	52	65	50	-22.5
February	66	66	72	68	56	72	67	46	-31.0
March	65	68	72	68	52	50	63	78	24.8
April	51	30	48	59	30	32	42	32	-23.2
May	39	29	31	45	23	33	33	31	-7.0
June	39	44	57	35	23	31	38	24	-37.1
July	47	51	57	48	33	39	46	38	-17.1
August	47	54	42	51	35	42	45	39	-13.7
September	41	46	49	48	39	34	43	29	-32.3
October	76	69	65	65	52	59	64	38	-40.9
November	84	71	59	64	53	73	67	49	-27.2
December	70	84	74	54	53	53	65	59	-8.8
Total	691	675	712	679	495	570	637	513	-19.5

* % change is a comparison between 1995 and the 1989-94 average.

Personal Injury Collisions by Month and Year

Figure 1.9

Month	1989	1990	1991	1992	1993	1994	Avg. 89 to 94	1995	% Change*
January	13	8	15	19	16	11	14	16	17.1
February	17	8	13	12	16	7	12	14	15.1
March	14	15	17	12	16	9	14	20	44.6
April	3	6	5	9	13	6	7	12	71.4
May	11	5	16	12	13	9	11	11	0.0
June	12	20	24	18	17	18	18	15	-17.4
July	26	20	23	15	24	18	21	15	-28.6
August	17	14	16	18	9	23	16	18	11.3
September	16	8	13	19	12	14	14	11	-19.5
October	18	15	14	16	16	20	17	10	-39.4
November	19	7	5	13	14	19	13	12	-6.5
December	14	13	10	18	12	19	14	11	-23.3
Total	180	139	171	181	178	173	170	165	-3.1

Fatal Collisions by Month and Year

Figure 1.10

Month	1989	1990	1991	1992	1993	1994	Avg. 89 to 94	1995	% Change*
January	0	1	0	0	0	0	0.2	0	-100.0
February	0	0	0	0	0	0	0.0	0	-
March	0	0	0	0	1	0	0.2	0	-100.0
April	1	1	0	1	1	0	0.7	1	50.0
May	1	0	0	0	0	1	0.3	0	-100.0
June	3	0	2	3	0	0	1.3	0	-100.0
July	1	2	0	0	1	0	0.7	1	50.0
August	0	0	1	0	0	0	0.2	0	-100.0
September	0	0	0	0	0	0	0.0	1	-
October	0	2	0	1	0	1	0.7	0	-100.0
November	1	0	0	1	1	0	0.5	1	100.0
December	1	1	0	0	0	0	0.3	0	-100.0
Total	8	7	3	6	4	2	5.0	4	-20.0

* % change is a comparison between 1995 and the 1989-94 average.

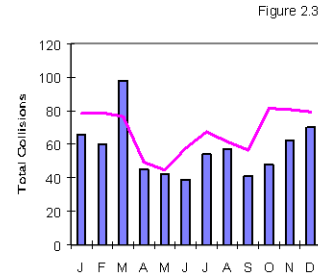
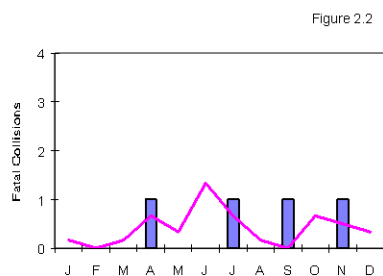
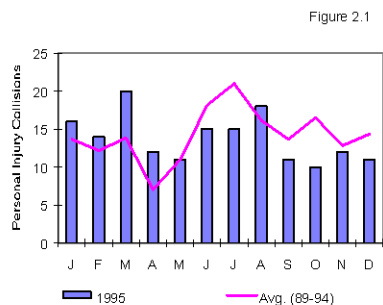
Total Collisions by Month and Year

Figure 1 11

Month	1989	1990	1991	1992	1993	1994	Avg. 89 to 94	1995	% Change*
January	79	72	101	93	62	63	78	66	-15.7
February	83	74	85	80	72	79	79	60	-23.9
March	79	83	89	80	69	59	77	98	28.1
April	55	37	53	69	44	38	49	45	-8.8
May	51	34	47	57	36	43	45	42	-6.0
June	54	64	83	56	40	49	58	39	-32.4
July	74	73	80	63	58	57	68	54	-20.0
August	64	68	59	69	44	65	62	57	-7.3
September	57	54	62	67	51	48	57	41	-27.4
October	94	86	79	82	68	80	82	48	-41.1
November	104	78	64	78	68	92	81	62	-23.1
December	85	98	84	72	65	72	79	70	-11.8
Total	879	821	886	866	677	745	812	682	-16.0

* % change is a comparison between 1995 and the 1989-94 average.

Collisions by Month of Occurrence

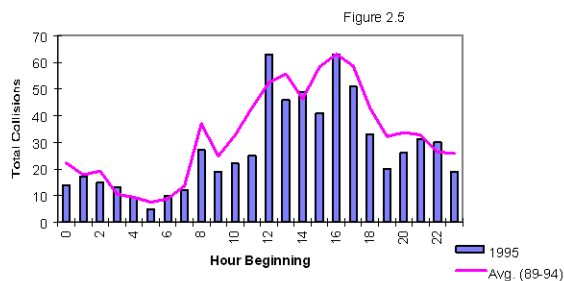


Collisions & Victims by Month of Occurrence

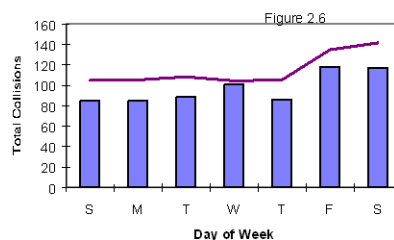
Figure 2.4

Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	50	16	0	66	20	0
February	46	14	0	60	19	0
March	78	20	0	98	25	0
April	32	12	1	45	13	1
May	31	11	0	42	20	0
June	24	15	0	39	18	0
July	38	15	1	54	30	1
August	39	18	0	57	22	0
September	29	11	1	41	16	1
October	38	10	0	48	14	0
November	49	12	1	62	16	1
December	59	11	0	70	11	0
Total	513	165	4	682	224	4

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.	3	2	0	2	2	3	2	14	2.1
1 to 2 a.m.	5	2	2	1	0	2	5	17	2.5
2 to 3 a.m.	2	0	1	3	1	1	7	15	2.2
3 to 4 a.m.	6	1	1	0	0	1	4	13	1.9
4 to 5 a.m.	3	1	1	0	1	1	2	9	1.3
5 to 6 a.m.	1	0	1	1	0	0	2	5	0.7
6 to 7 a.m.	1	3	1	2	0	1	2	10	1.5
7 to 8 a.m.	2	1	0	0	4	2	3	12	1.8
8 to 9 a.m.	4	4	4	3	6	4	2	27	4.0
9 to 10 a.m.	3	1	6	4	2	1	2	19	2.8
10 to 11 a.m.	2	1	4	6	2	4	3	22	3.2
11 to 12 a.m.	2	5	5	2	1	4	6	25	3.7
12 to 1 p.m.	3	9	9	9	11	14	8	63	9.3
1 to 2 p.m.	4	6	5	6	11	7	7	46	6.8
2 to 3 p.m.	7	5	5	9	2	14	7	49	7.2
3 to 4 p.m.	3	8	5	5	2	11	7	41	6.0
4 to 5 p.m.	5	7	8	12	12	11	8	63	9.3
5 to 6 p.m.	6	7	7	14	5	7	5	51	7.5
6 to 7 p.m.	6	2	5	7	3	7	3	33	4.8
7 to 8 p.m.	3	4	3	0	2	3	5	20	2.9
8 to 9 p.m.	6	2	3	2	5	1	7	26	3.8
9 to 10 p.m.	5	5	4	4	4	3	6	31	4.6
10 to 11 p.m.	1	7	2	4	2	11	3	30	4.4
11 to 12 p.m.	0	1	5	1	4	2	6	19	2.8
Not Stated	2	1	2	4	4	3	5	21	3.1
Total	85	85	89	101	86	118	117	681	
%	12.5	12.5	13.1	14.8	12.6	17.3	17.2	100.0	

* Excludes collisions in which Day of Week was unknown.

Major Contributing Factors – Section 3

Collisions by Severity Where Human Condition Was a Major Contributing Factor

Figure 3.1

Human Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Fatigued, Fell Asleep	3	0	1	4	0.6
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	16	16	0	32	4.7
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0.0
Other Driver Condition	0	0	0	0	0.0
Total	19	16	1	36	5.3

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	22	11	0	33	4.8
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	32	21	1	54	7.9
Improper Turning or Passing	17	2	0	19	2.8
Failed to Yield Right-of-Way	45	32	0	77	11.3
Disobeyed Traffic Control/Officer	5	2	0	7	1.0
Driving on Wrong Side of Road	4	3	0	7	1.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	92	6	0	98	14.4
Lost Control	125	46	2	173	25.4
Other Driver Action	0	0	0	0	0.0
Total	342	123	3	468	68.6

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	0	0	1	0.1
Defective Steering	0	0	0	0	0.0
Defective Lights	1	1	0	2	0.3
Tire Blown Out	1	0	0	1	0.1
Unsecured Load, Spilled Load	3	0	0	3	0.4
Oversized Load, Overload	1	0	0	1	0.1
Visibility Obstructed	2	0	0	2	0.3
Other Vehicle Contributing Factor	5	1	0	6	0.9
Total	14	2	0	16	2.3

Major Contributing Factors – Section 3

Collisions by Severity Where Environmental Condition Was a Major Contributing Factor

Figure 3.4

Environmental Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Animal on Roadway	16	2	0	18	2.6
Road Surface or Condition	16	8	0	24	3.5
Obstruction/Debris on Road	1	0	0	1	0.1
View Obstructed, Glare, Reflection	3	1	0	4	0.6
Weather or Other Acts of God	10	2	0	12	1.8
Other Environmental Factor	0	0	0	0	0.0
Total	46	13	0	59	8.7

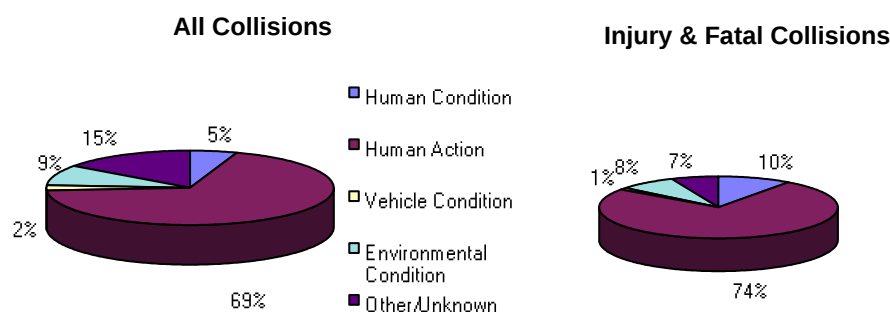
Collisions by Severity Where Major Contributing Factor Was Unspecified or Unknown

Figure 3.5

Factor	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Unspecified	32	11	0	43	6.3
Unknown	60	0	0	60	8.8
Total	92	11	0	103	15.1
Total All Factors	513	165	4	682	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	3	1	0	4	0.6
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	7	25	0	32	4.7
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0.0
Other Driver Condition	0	0	0	0	0.0
Total	10	26	0	36	5.3

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	2	31	0	33	4.8
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	14	39	1	54	7.9
Improper Turning or Passing	5	14	0	19	2.8
Failed to Yield Right-of-Way	4	73	0	77	11.3
Disobeyed Traffic Control/Officer	0	7	0	7	1.0
Driving on Wrong Side of Road	0	6	1	7	1.0
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	2	96	0	98	14.4
Lost Control	78	91	4	173	25.4
Other Driver Action	0	0	0	0	0.0
Total	105	357	6	468	68.6

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	1	0	1	0.1
Defective Steering	0	0	0	0	0.0
Defective Lights	0	2	0	2	0.3
Tire Blown Out	1	0	0	1	0.1
Unsecured Load, Spilled Load	1	2	0	3	0.4
Oversized Load, Overload	0	1	0	1	0.1
Visibility Obstructed	0	2	0	2	0.3
Other Vehicle Contributing Factor	0	6	0	6	0.9
Total	2	14	0	16	2.3

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			% of Total	
	Highways	In Communities	Rural	Total	Factors
Animal on Roadway	18	0	0	18	2.6
Road Surface or Condition	5	17	2	24	3.5
Obstruction/Debris on Road	1	0	0	1	0.1
View Obstructed, Glare, Reflection	2	2	0	4	0.6
Weather or Other Acts of God	4	8	0	12	1.8
Other Environmental Factor	0	0	0	0	0.0
Total	30	27	2	59	8.7

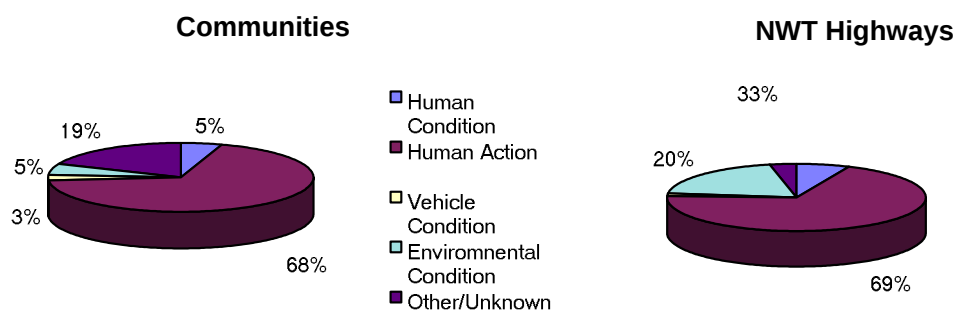
Collisions by Road System Where Major Contributing Factor Was Unspecified or Unknown

Figure 3.11

<u>Factor</u>	NWT			% of Total	
	Highways	In Communities	Rural	Total	Factors
Unspecified	3	40	0	43	6.3
Unknown	2	57	1	60	8.8
Total	5	97	1	103	15.1
Total All Factors	152	521	9	682	100.0

Major Contributing Factors in Collisions - Communities and NWT Highways

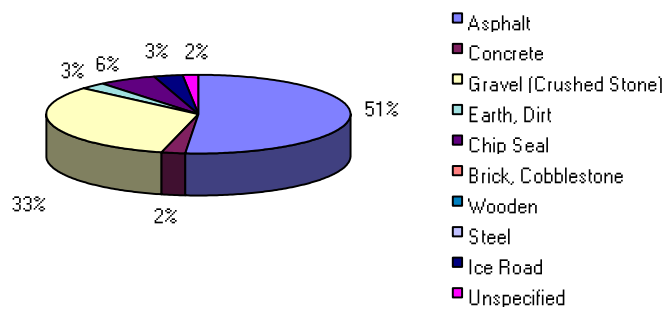
Figure 3.12



Collisions by Road Surface Type and Severity

Figure 4.1

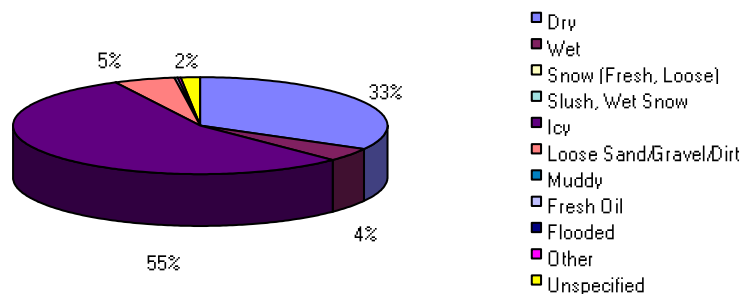
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	278	73	0	351	51.5
Concrete	14	2	0	16	2.3
Gravel (Crushed Stone)	158	63	2	223	32.7
Earth, Dirt	11	7	0	18	2.6
Chip Seal	25	14	2	41	6.0
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	17	5	0	22	3.2
Unspecified	10	1	0	11	1.6
Total	513	165	4	682	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

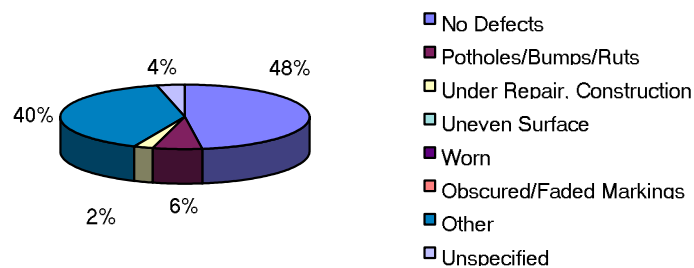
Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	156	66	3	225	33.0
Wet	23	7	0	30	4.4
Snow (Fresh, Loose)	0	0	0	0	0.0
Slush, Wet Snow	0	0	0	0	0.0
Icy	298	77	1	376	55.1
Loose Sand/Gravel/Dirt	22	13	0	35	5.1
Muddy	0	0	0	0	0.0
Fresh Oil	0	2	0	2	0.3
Flooded	0	0	0	0	0.0
Other	3	0	0	3	0.4
Unspecified	11	0	0	11	1.6
Total	513	165	4	682	100



Collisions by Road Defect and Severity

Figure 4.3

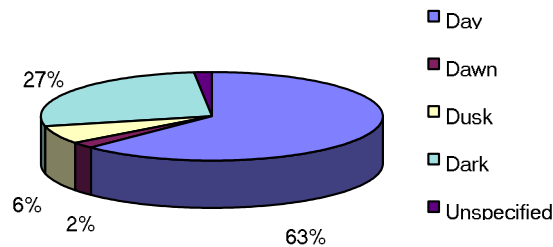
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	243	80	3	326	47.8
Potholes/Bumps/Ruts	27	17	0	44	6.5
Under Repair, Construction	12	5	0	17	2.5
Uneven Pavement Surface	0	0	0	0	0.0
Worn	0	0	0	0	0.0
Obscured or Faded Markings	0	0	0	0	0.0
Other	209	60	1	270	39.6
Unspecified	22	3	0	25	3.7
Total	513	165	4	682	100.0



Collisions by Light Condition and Severity

Figure 4.4

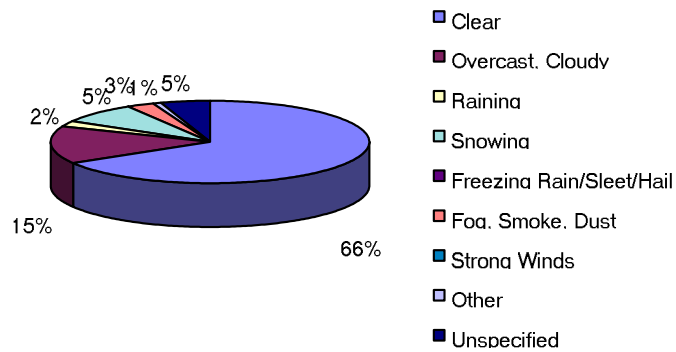
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	318	104	4	426	62.5
Dawn	11	5	0	16	2.3
Dusk	36	8	0	44	6.5
Dark	137	48	0	185	27.1
Unspecified	11	0	0	11	1.6
Total	513	165	4	682	100.0



Collisions by Weather Condition and Severity

Figure 4.5

Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	334	116	3	453	66.4
Overcast, Cloudy (No Precipitation)	77	23	0	100	14.7
Raining	10	5	0	15	2.2
Snowing	44	11	0	55	8.1
Freezing Rain/Sleet/Hail	0	0	1	1	0.1
Visibility Limitations (fog, dust, etc.)	14	4	0	18	2.6
Strong Winds	0	1	0	1	0.1
Other	4	0	0	4	0.6
Unspecified	30	5	0	35	5.1
Total	513	165	4	682	100.0

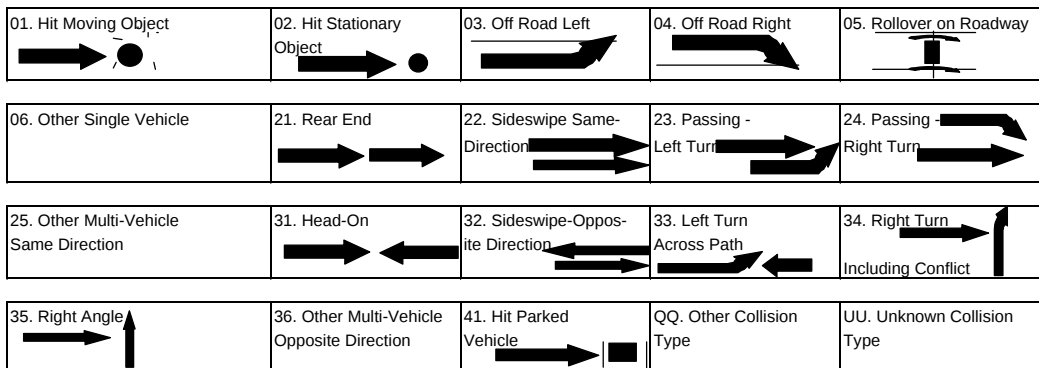


Collisions by Configuration and Severity

Figure 4.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Animal	13	1	0	14	2.1
b) With Pedestrian	0	26	0	26	3.8
c) Other	2	2	0	4	0.6
02. Hit Stationary Object	52	9	0	61	8.2
03. Off Road Left					
a) With Rollover	13	18	2	33	4.8
b) No Rollover	5	4	0	9	1.3
04. Off Road Right					
a) With Rollover	27	26	2	55	8.1
b) No Rollover	9	7	0	16	2.3
05. Rollover on Roadway	1	1	0	2	0.3
06. Other Single Vehicle	0	0	0	0	0.0
21. Rear End	70	22	0	92	13.5
22. Sideswipe - Same Direction	9	2	0	11	1.6
23. Passing - Left Turn	2	0	0	2	0.3
24. Passing - Right Turn	4	0	0	4	0.6
25. Other Multi-Vehicle Same Direction	0	0	0	0	0.0
31. Head-On	12	7	0	19	2.8
32. Sideswipe - Opposite Direction	19	2	0	21	3.1
33. Left Turn Across Path	14	5	0	19	2.8
34. Right Turn Including Conflict	5	0	0	5	0.7
35. Right Angle	72	32	0	104	15.2
36. Other Multi-Vehicle Opposite Direction	26	1	0	27	4.0
41. Hit Parked Vehicle	152	0	0	152	22.3
QQ. Other Collision Type	5	0	0	5	0.7
UU. Unknown Collision Type	1	0	0	1	0.1
Total	513	165	4	682	100.0

***Collision Configurations**

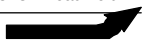
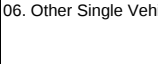
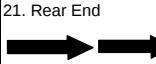
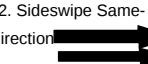
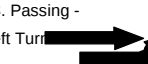
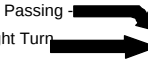
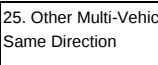
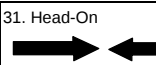
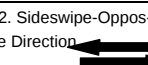
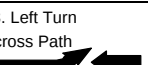
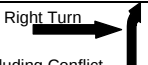
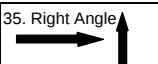
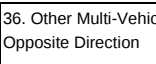
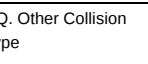
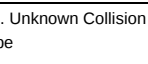


Collisions by Configuration and Road System

Figure 4.7

Configuration*	NWT Highways	In Communities	Rural	Total	% of Total
01. Hit Moving Object					
a) With Animal	14	0	0	14	2.1
b) With Pedestrian	0	26	0	26	3.8
c) Other	1	3	0	4	0.6
02. Hit Stationary Object	20	40	1	61	8.9
03. Off Road Left					
a) With Rollover	26	7	0	33	4.8
b) No Rollover	6	3	0	9	1.3
04. Off Road Right					
a) With Rollover	43	12	0	55	8.1
b) No Rollover	12	3	1	16	2.3
05. Rollover on Roadway	2	0	0	2	0.3
06. Other Single Vehicle	0	0	0	0	0.0
21. Rear End	10	82	0	92	13.5
22. Sideswipe - Same Direction	3	8	0	11	1.6
23. Passing - Left Turn	0	2	0	2	0.3
24. Passing - Right Turn	1	3	0	4	0.6
25. Other Multi-Vehicle Same Direction	0	0	0	0	0.0
31. Head-On	1	14	4	19	2.8
32. Sideswipe - Opposite Direction	5	13	3	21	3.1
33. Left Turn Across Path	1	18	0	19	2.8
34. Right Turn Including Conflict	0	5	0	5	0.7
35. Right Angle	4	100	0	104	15.2
36. Other Multi-Vehicle Opposite Direction	1	26	0	27	4.0
41. Hit Parked Vehicle	0	152	0	152	22.3
QQ. Other Collision Type	2	3	0	5	0.7
UU. Unknown Collision Type	0	1	0	1	0.1
Total	152	521	9	682	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	195	84	4	283	41.5
Intersection - Two Public Roadways	117	52	0	169	24.8
Intersection - Parking Lot, Driveway	86	22	0	108	15.8
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	2	0	0	2	0.3
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	5	1	0	6	0.9
Other	106	5	0	111	16.3
Unknown	2	1	0	3	0.4
Total	513	165	4	682	100.0

Collisions by Collision Site and Road System

Figure 4.9

Collision Site	NWT Highways	In Communities	Rural	Total	%
Non-Intersection	133	141	9	283	41.5
Intersection - Two Public Roadways	14	155	0	169	24.8
Intersection - Parking Lot, Driveway	3	105	0	108	15.8
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	1	5	0	6	0.9
Other	0	111	0	111	16.3
Unknown	0	3	0	3	0.4
Total	152	521	9	682	100.0

Collisions by Roadway Alignment and Severity

Figure 4.10

Road Alignment	Property Damage	Personal Injury	Fatal	Total	%
Straight & Level	351	97	1	449	65.8
Straight with Grade	59	19	0	78	11.4
Curved and Level	58	26	3	87	12.8
Curve with Grade	26	13	0	39	5.7
Top of Hill or Grade	15	9	0	24	3.5
Bottom of Hill or Grade	0	0	0	0	0.0
Other	2	1	0	3	0.4
Unknown	2	0	0	2	0.3
Total	513	165	4	682	100.0

Collisions by Roadway Type and Severity

Figure 4.11

Road Type	Property Damage	Personal Injury	Fatal	Total	%
One-Way, Two Lane	3	2	0	5	0.7
One-Way, Multi Lane	0	0	0	0	0.0
Undivided, Two-Way, Two Lane	361	148	4	513	75.2
Undivided, Two-Way, Multi Lane	0	0	0	0	0.0
Divided, Barrier Median	13	3	0	16	2.3
Divided with Median, No Barrier	0	0	0	0	0.0
Divided, Divider Unspecified	15	6	0	21	3.1
Other	119	6	0	125	18.3
Unknown	2	0	0	2	0.3
Total	513	165	4	682	100.0

Collision Sequence of Events by Severity

Figure 4.12

Non-Moving Objects	Property Damage	Personal Injury	Fatal	Total	%
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	1	0	0	1	0.1
Hit Building	7	0	0	7	1.0
Hit Ditch	1	0	0	1	0.1
Hit Embankment, Dirt Pile, Rock	10	1	0	11	1.6
Hit Culvert End, Drainage Structure	1	0	0	1	0.1
Hit Tree, Bush, Hedge	0	3	0	3	0.4
Hit Utility Pole, Lamp Pole	18	4	0	22	3.2
Hit Curb	4	1	0	5	0.7
Hit Post	2	0	0	2	0.3
Hit Traffic Barrier	8	0	0	8	1.2
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	52	9	0	61	8.9
Moveable Objects					
Another Road Vehicle	385	71	0	456	66.9
Animal	13	1	0	14	2.1
Pedestrian	0	26	0	26	3.8
Other Moveable Object	2	2	0	4	0.6
Sub Total Moveable Objects	400	100	0	500	73.3
Non-Collision Events					
Ran Off Road	14	11	0	25	3.7
Rollover	41	45	4	90	13.2
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	55	56	4	115	16.9
Other/Unknown Event	6	0	0	6	0.9
Grand Total	513	165	4	682	100.0

Collision Sequence of Events by Road System

Figure 4.13

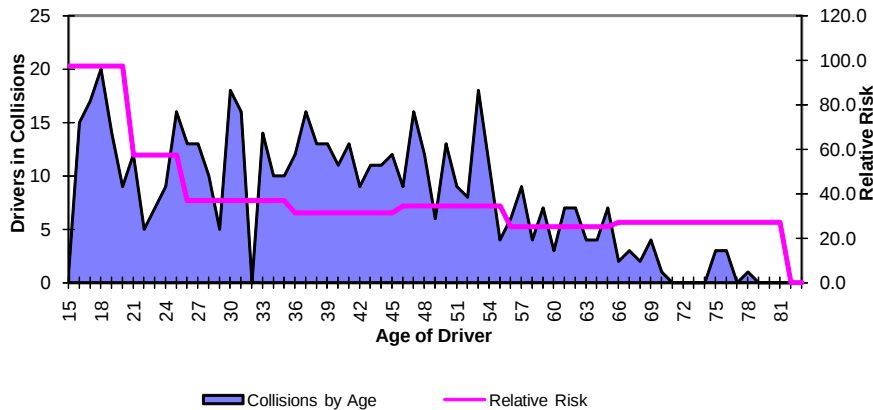
	NWT Highways	In Communities	Rural	Total	%
Non-Moving Objects					
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	0	1	0	1	0.1
Hit Building	0	7	0	7	1.0
Hit Ditch	1	0	0	1	0.1
Hit Embankment, Dirt Pile, Rock	7	3	1	11	1.6
Hit Culvert End, Drainage Structure	0	1	0	1	0.1
Hit Tree, Bush, Hedge	3	0	0	3	0.4
Hit Utility Pole, Lamp Pole	6	16	0	22	3.2
Hit Curb	1	4	0	5	0.7
Hit Post	0	2	0	2	0.3
Hit Traffic Barrier	2	6	0	8	1.2
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	20	40	1	61	8.9
Moveable Objects					
Another Road Vehicle	26	423	7	456	66.9
Animal	14	0	0	14	2.1
Pedestrian	0	26	0	26	3.8
Other Moveable Object	1	3	0	4	0.6
Sub Total Moveable Objects	41	452	7	500	73.3
Non-Collision Events					
Ran Off Road	18	6	1	25	3.7
Rollover	71	19	0	90	13.2
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	89	25	1	115	16.9
Unknown Event	2	4	0	6	0.9
Grand Total	152	521	9	682	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	92	1,296	2,356	7,474	6,782	3,801	1,353	481	0	23,635
Drivers in Collisions	21	114	135	275	212	131	34	13	70	1,005

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	61.2	39.9	29.0	24.2	26.0	17.7	24.9	32.2
Personal Injury & Fatal	36.0	17.4	7.8	7.1	8.4	7.4	2.1	10.3
Total	97.3	57.3	36.8	31.3	34.5	25.1	27.0	42.5
Relative Risk*	2.3	1.3	0.9	0.7	0.8	0.6	0.6	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 2.3 times more likely to be involved in a collision than the average driving population. On average, 10% of 15 to 19 year olds were involved in collisions, compared to 3% of 35 to 44 year olds.

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

Number of Drivers Involved in Collisions by Licence Class and Age

Figure 5.3

Age Group	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 7 Req'd.	Not Licence	Not Stated	Total
Under 16	0	0	0	0	1	0	1	14	3	2	21
16	0	0	0	0	23	0	2	1	2	0	28
17	0	0	0	0	25	0	0	1	1	3	30
18	0	0	0	0	22	0	1	2	2	0	27
19	0	0	0	0	26	0	1	0	2	0	29
20	1	0	0	1	19	0	1	0	2	1	25
21-24	3	0	3	1	81	0	5	5	9	3	110
25-34	21	8	14	17	184	1	6	5	7	12	275
35-44	15	4	11	26	139	1	2	1	1	12	212
45-54	15	1	13	15	79	0	1	2	3	2	131
55-64	2	0	0	4	21	0	1	0	3	3	34
65 and over	0	1	0	0	12	0	0	0	0	0	13
Not Stated	1	0	1	2	4	0	0	1	1	60	70
Drivers in Collisions	58	14	42	66	636	2	21	32	36	98	1,005
Total Licensed Drivers	1,219	230	752	1,094	19,053	7	1,280	N/A	N/A	N/A	23,635
Relative Risk*	1.12	1.43	1.31	1.42	0.79	6.72	0.39	N/A	N/A	N/A	1.00

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

Number of Drivers Involved in Collisions by Condition and Age

Figure 5.4

Driver Condition	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Apparently Normal	19	23	24	25	23	22	84	226	191	109	27	11	10	794	79.0
Fatigued, Fell Asleep	0	0	0	0	1	0	0	2	0	0	2	0	0	5	0.5
Inexperience	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Under Influence - Alcohol	1	3	2	2	3	3	18	18	9	10	4	0	1	74	7.4
Under Influence - Drugs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0.2
Other Condition	0	1	1	0	0	0	0	2	0	1	0	0	0	5	0.5
Unknown	1	1	3	0	2	0	8	26	12	11	1	1	59	125	12.4
Total	21	28	30	27	29	25	110	275	212	131	34	13	70	1,005	
%	2.1	2.8	3.0	2.7	2.9	2.5	10.9	27.4	21.1	13.0	3.4	1.3	7.0		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	2	3	7	10	10	4	28	95	88	52	11	4	3	317	31.6
Following Too Closely	0	2	1	3	3	1	7	14	6	5	1	1	1	45	4.5
Distracted, Inattentive	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Driving Too Fast	1	6	4	6	2	0	13	16	15	4	0	1	1	69	6.9
Improper Turning or Passing	0	0	0	1	1	0	2	6	8	3	1	0	0	22	2.2
Failing to Yield Right of Way	6	5	2	1	3	7	10	18	18	13	3	2	3	91	9.1
Disobeying Traffic Control/Officer	1	0	0	0	1	0	3	2	0	1	0	0	0	8	0.8
Driving on Wrong Side of Road	2	0	0	0	1	1	1	2	0	1	0	1	2	11	1.1
Driving in Wrong Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Backing Unsafely	0	2	3	1	2	1	10	39	21	18	6	1	5	109	10.9
Lost Control	4	7	11	5	5	9	30	61	45	29	10	3	3	222	22.1
Other Driver Action	5	3	2	0	1	1	4	15	8	1	2	0	3	45	4.5
Unknown	0	0	0	0	0	1	2	7	2	4	0	0	49	65	6.5
Total	21	28	30	27	29	25	110	275	211	131	34	13	70	1,004	
%	2.1	2.8	3.0	2.7	2.9	2.5	11.0	27.4	21.0	13.0	3.4	1.3	7.0		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	331	86	2	419	36.0
Passenger Van	97	19	0	116	10.0
Light Utility Vehicle	0	0	0	0	0.0
Pickup Truck	387	92	2	481	41.3
Panel/Cargo Van	0	0	0	0	0.0
Other Truck/Van <= 4536 kg	0	0	0	0	0.0
Unit Truck > 4536 kg	11	5	0	16	1.4
Road Tractor	21	6	0	27	2.3
School Bus	1	2	0	3	0.3
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	1	0	0	1	0.1
Intercity Bus	0	0	0	0	0.0
Bus - Unspecified	3	1	0	4	0.3
Motorcycle	0	5	0	5	0.4
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	1	1	0	2	0.2
Bicycle	2	8	0	10	0.9
Motor Home	2	1	0	3	0.3
Farm Equipment	0	0	0	0	0.0
Construction Equipment	7	0	0	7	0.6
Fire Engine	0	0	0	0	0.0
Snowmobile	8	16	0	24	2.1
Streetcar	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	46	0	0	46	4.0
Total	918	242	4	1164	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	795	212	1	1008	86.6
Defective Brakes	4	2	0	6	0.5
Defective Steering	1	0	0	1	0.1
Defective Lighting	2	3	0	5	0.4
Tire Blown Out	4	2	0	6	0.5
Unsecured Load, Spilled Load	3	0	0	3	0.3
Oversized Load, Overload	2	0	0	2	0.2
Visibility Obstructed	16	3	0	19	1.6
Other Defective Vehicular Parts	17	6	1	24	2.1
Other Vehicular Factor	0	0	0	0	0.0
Unknown	74	14	2	90	7.7
Total	918	242	4	1164	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	374	165	4	543	46.6
Turning Left	62	28	0	90	7.7
Turning Right	43	6	0	49	4.2
Making U-Turn	4	0	0	4	0.3
Changing Lanes	0	1	0	1	0.1
Merging	0	0	0	0	0.0
Reversing	112	6	0	118	10.1
Overtaking	8	1	0	9	0.8
Negotiating Curve	0	0	0	0	0.0
Slowing or Stopped in Traffic	76	21	0	97	8.3
Starting in Traffic	3	3	0	6	0.5
Leaving Roadside	7	2	0	9	0.8
Stopped/Parked Legally	150	2	0	152	13.1
Stopped/Parked Illegally	12	1	0	13	1.1
Swerving to Avoid Collision	7	5	0	12	1.0
Run-away or Roll-away Vehicle	4	0	0	4	0.3
Unspecified Manoeuvre	0	0	0	0	0.0
Other	6	1	0	7	0.6
Unknown	50	0	0	50	4.3
Total	918	242	4	1164	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

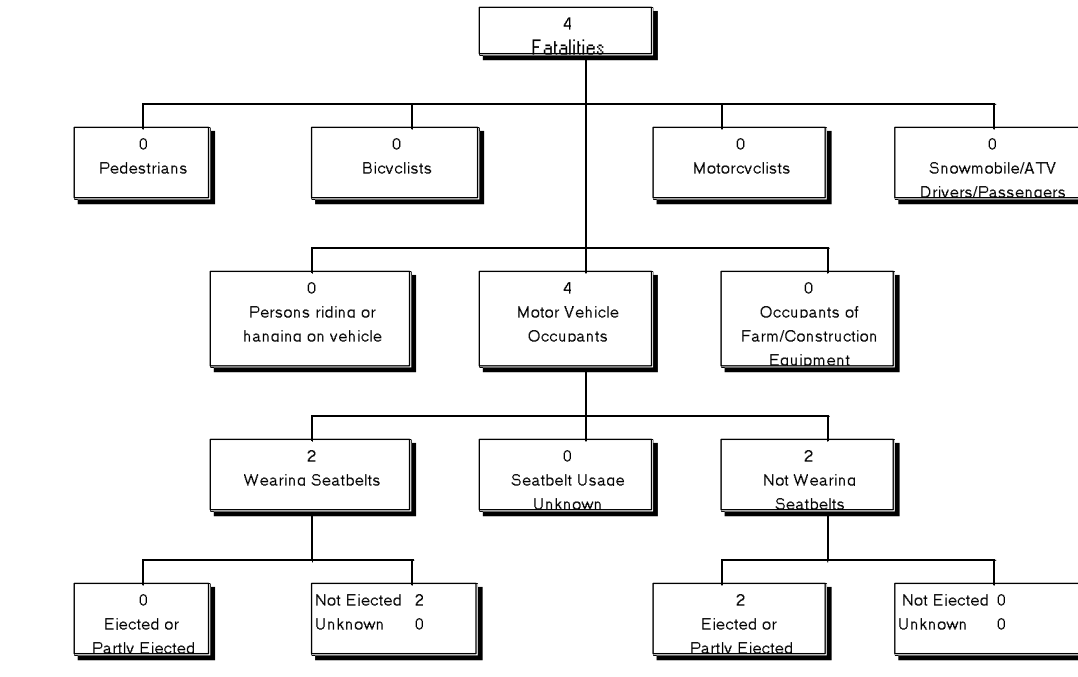
Figure 6.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
1996	4	0	0	4	0.3
1995	49	19	2	70	6.0
1994	99	19	0	118	10.1
1993	74	20	0	94	8.1
1992	64	9	0	73	6.3
1991	67	20	0	87	7.5
1990	72	11	0	83	7.1
1989	74	20	0	94	8.1
1988	71	19	0	90	7.7
1987	33	9	0	42	3.6
1986	34	18	1	53	4.6
1985	30	6	0	36	3.1
1984 & Older	174	54	1	229	19.7
Unspecified	73	18	0	91	7.8
Total	918	242	4	1164	100.0

Victims and Occupant Restraints – Section 7

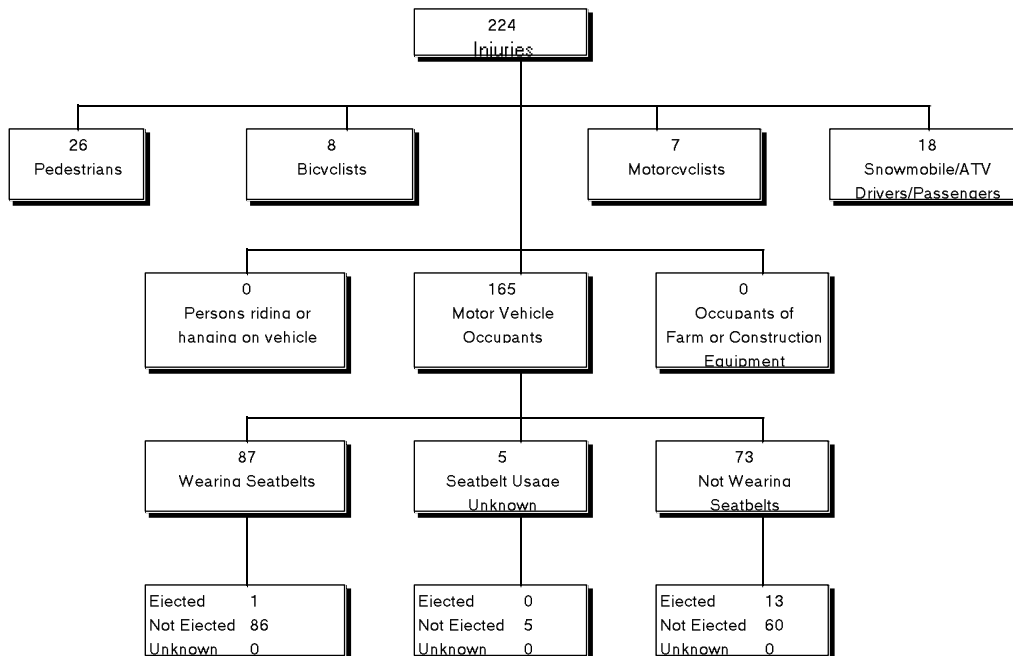
Fatalities Classification
(January 1 to December 31, 1995)

Figure 7.1



Injuries Classification
(January 1 to December 31, 1995)

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	16	12	22	21	15	4	1	1	92	41.1
Motor Vehicle Passenger	3	7	18	8	10	6	13	3	0	5	73	32.6
<u>Pedestrian</u>	1	6	0	3	4	3	3	0	1	5	26	11.6
Bicyclist	0	8	0	0	0	0	0	0	0	0	8	3.6
Motorcyclist (includes passengers)	0	0	0	5	1	1	0	0	0	0	7	3.1
ATV Operators & Passengers	0	0	0	1	0	0	0	0	0	0	1	0.4
Snowmobile Operators & Passengers	0	5	4	3	1	2	2	0	0	0	17	7.6
Farm/Construction Equipment	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	4	26	38	32	38	33	33	7	2	11	224	100.0

Persons Killed by Road User Class and Age Group

Figure 7.4

Road User Class	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 & older	Not Stated	Total	%
Motor Vehicle Driver	0	0	0	0	0	1	0	1	0	0	2	50.0
Motor Vehicle Passenger	0	1	0	0	0	1	0	0	0	0	2	50.0
<u>Pedestrian</u>	0	0	0	0	0	0	0	0	0	0	0	0.0
Bicyclist	0	0	0	0	0	0	0	0	0	0	0	0.0
Motorcyclist (includes passengers)	0	0	0	0	0	0	0	0	0	0	0	0.0
ATV Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Snowmobile Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Farm/Construction Equipment	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	0	1	0	0	0	2	0	1	0	0	4	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	58	34	0	92	2	0	0	2
Motor Vehicle Passenger	36	36	1	73	0	2	0	2
<u>Pedestrian</u>	16	9	1	26	0	0	0	0
Bicyclist	1	7	0	8	0	0	0	0
Motorcyclist (includes passengers)	5	2	0	7	0	0	0	0
ATV Operators & Passengers	1	0	0	1	0	0	0	0
Snowmobile Operators & Passengers	11	6	0	17	0	0	0	0
Farm/Construction Equipment	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Unspecified	0	0	0	0	0	0	0	0
Total	128	94	2	224	2	2	0	4

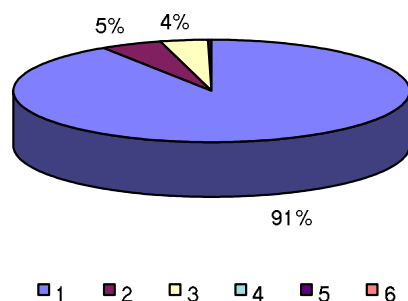
Motor Vehicle* Occupants by Injury Severity and Restraint Use

Figure 7.6

Injury Severity	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Restraint Use Unknown	Total	%
Not Injured	237	87	789	0	239	1352	88.9
Minimal Injuries	32	2	48	0	2	84	5.5
Minor Injuries	30	3	33	0	3	69	4.5
Major (Hospital Admission)	11	0	1	0	0	12	0.8
Fatal	2	0	2	0	0	4	0.3
Injured - Extent Unknown	0	0	0	0	0	0	0.0
Total	312	92	873	0	244	1521	100.0

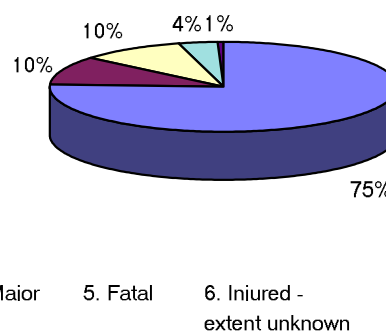
* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

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	16	29	130	106	214	177	94	20	11	79	876
Minimal Injuries	1	0	15	3	9	8	7	5	0	2	50
Minor Injuries	1	0	4	8	7	8	5	1	1	1	36
Major (Hospital Admission)	0	0	0	0	0	0	1	0	0	0	1
Fatal	0	0	0	0	0	1	0	1	0	0	2
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	18	29	149	117	230	194	107	27	12	82	965

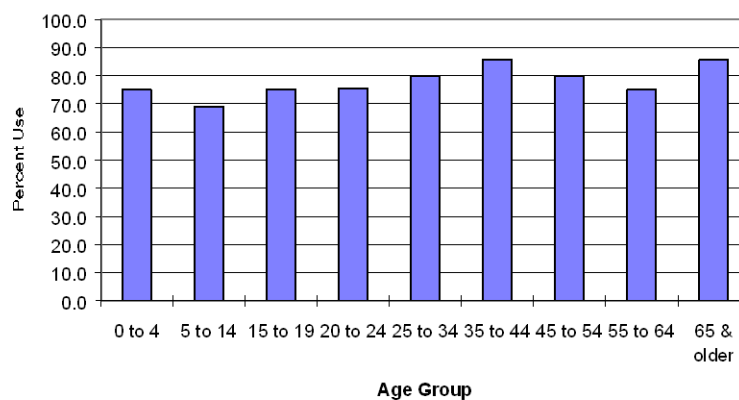
Restraints Not Used

	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	5	6	34	29	43	21	13	8	2	76	237
Minimal Injuries	1	5	9	3	4	2	7	1	0	0	32
Minor Injuries	0	1	5	6	6	7	4	0	0	1	30
Major (Hospital Admission)	0	0	1	0	5	1	3	0	0	1	11
Fatal	0	1	0	0	0	1	0	0	0	0	2
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	6	13	49	38	58	32	27	9	2	78	312

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

Victim Restraint Use Rate by Victim Age

Figure 7.9



Pedestrians – Section 8

Pedestrians Injured or Killed by Age Group

Figure 8.1

	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				
Injured	1	6	0	3	4	3	3	0	1	5	26	100.0	
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0	
Total	1	6	0	3	4	3	3	0	1	5	26		
%	3.8	23.1	0.0	11.5	15.4	11.5	11.5	0.0	3.8	19.2	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	1	0	1	1	1	0	0	0	0	1	5	19.2
Crossing Intersection With Traffic Control. Without Right-of-Way	0	0	0	1	0	0	0	0	0	0	0	1	3.8
<u>Crossing Intersection - No Traffic Control</u>	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Roadway at Crosswalk	0	1	0	1	0	0	0	0	0	0	1	3	11.5
Crossing Roadway Not at Intersection	0	1	0	0	0	1	0	0	0	0	0	2	7.7
<u>Walking Along Roadway Against Traffic</u>	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking Along Roadway With Traffic	0	0	0	0	1	0	0	0	0	0	1	2	7.7
On Sidewalk, Median, Safety Zone	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<u>Walking on Travelled Part of Roadway Against Traffic</u>	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	1	0	0	0	0	0	0	0	0	0	1	3.8
<u>Coming from Behind Moving Vehicle</u>	0	0	0	0	0	0	2	0	0	0	0	2	7.7
Running into Roadway	1	1	0	0	1	0	0	0	0	0	1	4	15.4
Getting On/Off School Bus	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<u>Getting On/Off Other Vehicles</u>	0	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	0.0
Working on Vehicle on Side of Road	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<u>Playing on Roadway</u>	0	1	0	0	0	0	0	0	0	0	0	1	3.8
Working on Roadway	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Living on Road	0	0	0	0	0	0	1	0	0	0	0	1	3.8
Other	0	0	0	0	1	1	0	0	1	1	1	4	15.4
<u>Unknown</u>	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	6	0	3	4	3	3	0	1	5		26	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	26	26	100.0
Rural	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	26	26	100.0

Pedestrians Injured or Killed by Accident Site

Figure 8.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	12	12	46.2
At Intersection of At Least Two Roadways	0	8	8	30.8
Intersection With Parking Lot/Driveway/Alley	0	3	3	11.5
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	3	3	11.5
Unspecified	0	0	0	0.0
Total	0	26	26	100.0

Pedestrians Injured or Killed by Pedestrian Condition

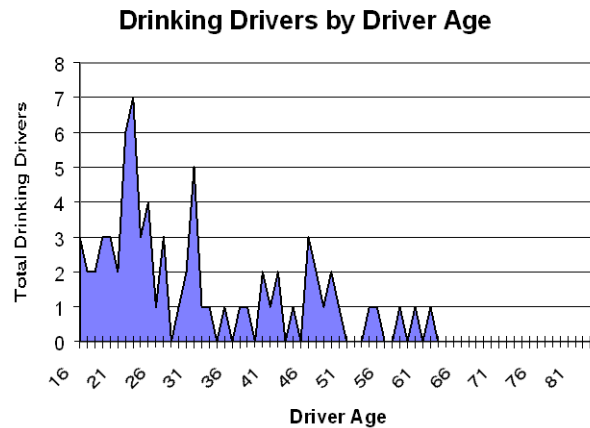
Figure 8.5

Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	17	17	65.4
Fatigued, Fell Asleep	0	0	0	0.0
Inexperience	0	0	0	0.0
Under Influence - Alcohol	0	6	6	23.1
Under Influence - Drugs	0	1	1	3.8
Sudden Illness, Lost Consciousness	0	0	0	0.0
Other Condition	0	0	0	0.0
Unknown	0	2	2	7.7
Total	0	26	26	100.0

Drinking Drivers in Collisions by Driver Age and Gender

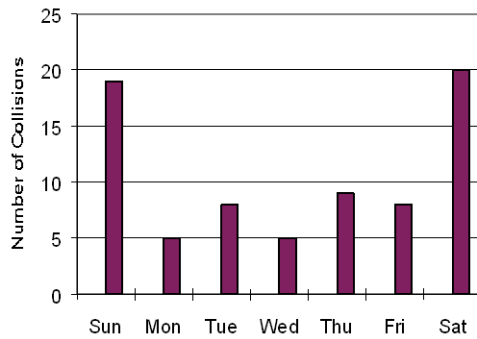
Figure 9.1

Driver Age	Male	Female	Not Stated	Total Drinking Drivers
Under 16	1	0	0	1
16	2	1	0	3
17	2	0	0	2
18	2	0	0	2
19	3	0	0	3
20	2	1	0	3
21 to 24	16	2	0	18
25 to 34	14	4	0	18
35 to 44	9	0	0	9
45 to 54	8	2	0	10
55 to 64	4	0	0	4
65 & Older	0	0	0	0
Not Stated	0	0	1	1
Total	63	10	1	74



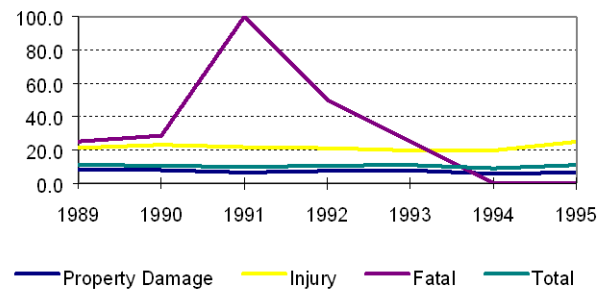
Collisions Involving Alcohol by Day of Week

Figure 9.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 9.3



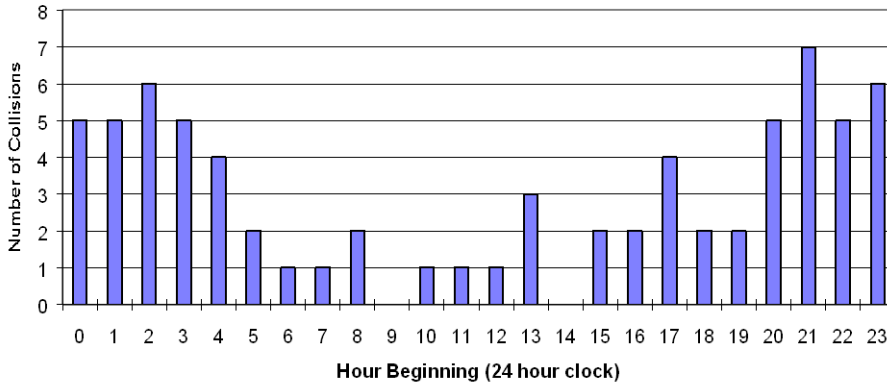
Number of Collisions and Victims Involving Alcohol

Figure 9.4

Number of Collisions						Number of Victims			
Year	Property Damage	Personal Injury	Fatal	Total	% of Total Collisions	Injured	Killed	Total	% of Total Victims
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
Average	44	36	2	82	10	60	2	62	24.7

Number of Alcohol Related Collisions by Time of Day

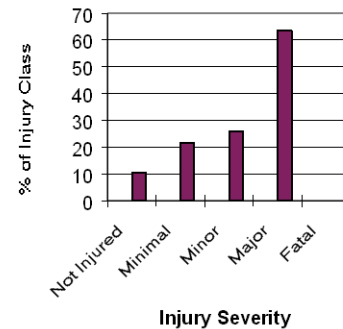
Figure 9.5



Injury Severity by Alcohol Involvement

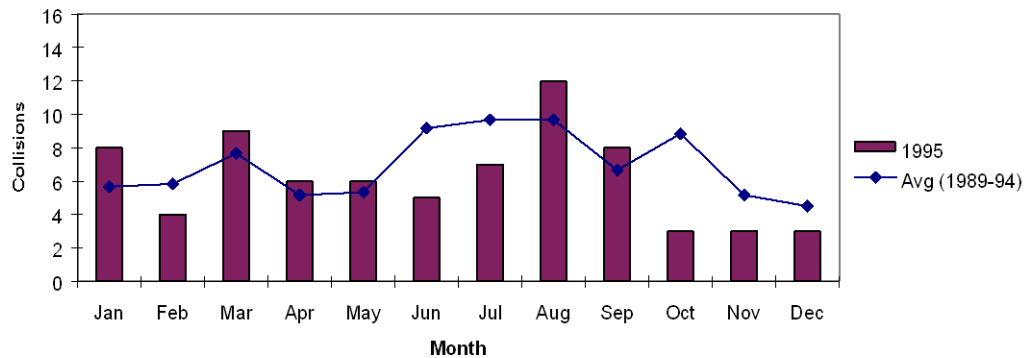
Figure 9.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	144	1,237	1381	10.4
Minimal Injuries	22	80	102	21.6
Minor	26	74	100	26.0
Major	14	8	22	63.6
Fatal	0	4	4	0.0
Injured - Extent Unknown	0	0	0	-
Total	206	1403	1609	12.8



Alcohol-Involved Collisions by Month

Figure 9.7



Off-Road Vehicle Collisions by Month and Severity

Figure 10.1

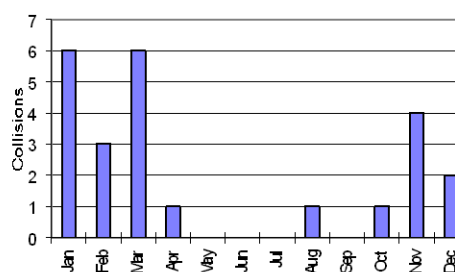
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	3	3	0	6	3	0
February	0	3	0	3	5	0
March	2	4	0	6	5	0
April	1	0	0	1	0	0
May	0	0	0	0	0	0
June	0	0	0	0	0	0
July	0	0	0	0	0	0
August	0	1	0	1	1	0
September	0	0	0	0	0	0
October	0	1	0	1	1	0
November	1	3	0	4	3	0
December	1	1	0	2	1	0
Total	8	16	0	24	19	0

Off-Road Vehicle Collisions by Vehicle Type

Figure 10.2

	Snowmobile	ATV	Total
Total Victims	17	1	18
Killed	0	0	0
Injured	17	1	18
Total Vehicles Involved	24	2	26
Fatal	0	0	0
Injury	16	1	17
Property Damage	8	1	9

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	3	2	0	0	0	0	5	20.8
15 to 19	4	1	0	0	0	0	5	20.8
20 to 24	3	2	0	1	0	0	6	25.0
25 to 34	2	1	0	1	0	0	4	16.7
35 to 44	1	0	0	0	0	0	1	4.2
45 to 54	2	0	0	0	0	0	2	8.3
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	0	0	0	0	0	0	0	0.0
Unknown	0	0	1	0	0	0	1	4.2
Total	15	6	1	2	0	0	24	100.0

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

Figure 10.4

Driver Condition	Property Damage	Personal Injury	Fatal	Total %	
				Total	%
Apparently Normal	5	10	0	15	62.5
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	1	7	0	8	33.3
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	4.2
Total	7	17	0	24	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	1	0	1	4.2
Following Too Closely	1	0	0	1	4.2
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	1	2	0	3	12.5
Improper Turning or Passing	0	0	0	0	0.0
Failed to Yield Right-of-Way	0	7	0	7	29.2
Disobeyed Traffic Control or Officer	0	1	0	1	4.2
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	4	3	0	7	29.2
Other	1	3	0	4	16.7
Unknown	0	0	0	0	0.0
Total	7	17	0	24	100.0

Off-Road Vehicle Occupants by Injury Severity and Helmet Use

Figure 10.6

Injury Severity	Helmet Worn	Helmet Not Worn	Unknown	Total	%
Not Injured	2	14	5	21	53.8
Minimal Injuries	0	4	0	4	10.3
Minor Injuries	2	6	2	10	25.6
Major (Hospital Admission)	0	4	0	4	10.3
Fatal	0	0	0	0	0.0
Injured - Extent Unknown	0	0	0	0	0.0
Total	4	28	7	39	100.0

Geographic Distribution – Section 11

Collisions by Region, RCMP Detachment and Severity

Figure 11.1

A - Inuvik Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Aklavik	1	1	0	2	1	0
Deline	6	0	0	6	0	0
Fort Good Hope	2	3	0	5	4	0
Fort McPherson	15	8	0	23	9	0
Holman	0	0	0	0	0	0
Inuvik	49	6	0	55	7	0
Norman Wells	3	5	0	8	8	0
Sachs Harbour	0	1	0	1	1	0
Tuktoyaktuk	6	3	0	9	6	0
Tulita	2	0	0	2	0	0
Sub Total						
Inuvik Region	84	27	0	111	36	0

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	3	6	1	10	7	1
Fort Simpson	24	7	0	31	9	0
Sub Total						
Fort Simpson Region	27	13	1	41	16	1

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	75	15	2	92	25	2
Fort Providence	13	9	0	22	12	0
Fort Resolution	7	7	0	14	12	0
Fort Smith	35	12	0	47	19	0
Lutsel K'e	1	0	0	1	0	0
Sub Total						
South Slave Region	131	43	2	176	68	2

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Rae/Wha Ti	13	12	1	26	19	1
Yellowknife	258	70	0	328	85	0
Sub Total						
North Slave Region	271	82	1	354	104	1

Total - All Regions	513	165	4	682	224	4
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Geographic Distribution – Section 11

A - Inuvik Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1995 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Aklavik	2	210	88	903	0.95	2.27	0.22
Deline	6	73	54	637	8.22	11.11	0.94
Fort Good Hope	5	169	91	771	2.96	5.49	0.65
Fort McPherson	23	246	221	1,013	9.35	10.41	2.27
Ulukhaktok	0	56	91	411	0.00	0.00	0.00
Inuvik	55	2,024	1,624	3,640	2.72	3.39	1.51
Norman Wells	8	563	637	718	1.42	1.26	1.11
Sachs Harbour	1	46	31	142	2.17	3.23	0.70
Tuktoyaktuk	9	394	232	1,326	2.28	3.88	0.68
Tulita	2	0	62	425	0.00	3.23	0.47
Sub Total							
Inuvik Region	111	3,781	3,131	9,986	2.94	3.55	1.11

B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1995 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Fort Liard	10	153	145	555	6.54	6.90	1.80
Fort Simpson	31	815	852	1,668	3.80	3.64	1.86
Sub Total							
Fort Simpson Region	41	968	997	2,223	4.24	4.11	1.84

C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1995 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Hay River	92	2,849	3,639	4,004	3.23	2.53	2.30
Fort Providence	22	252	281	742	8.73	7.83	2.96
Fort Resolution	14	222	200	573	6.31	7.00	2.44
Fort Smith	47	1,639	1,541	2,806	2.87	3.05	1.67
Lutsel K'e	1	50	10	326	2.00	10.00	0.31
Sub Total							
South Slave Region	176	5,012	5,671	8,451	3.51	3.10	2.08

D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1995 estimate [2])	Collision Rates		
					Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Behchoko/Whati	26	453	509	2,605	5.74	5.11	1.00
Yellowknife	328	13,421	12,042	17,577	2.44	2.72	1.87
Sub Total							
North Slave Region	354	13,874	12,551	20,182	2.55	2.82	1.75

Total - All Regions	682	23,635	22,350	41,500	2.89	3.05	1.64
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[1] Number of registered vehicles and licensed drivers are as of December 31, 1995.

[2] 1995 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 1996.

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
	15.0	25-Mar-1995	Property Damage	Single Vehicle Rollover	0	0
	20.0	27-Oct-1995	Injury	Single Vehicle Rollover	1	0
	59.0	30-Mar-1995	Property Damage	Collision with Fixed Object	0	0
	60.0	12-Jun-1995	Property Damage	Single Vehicle Rollover	0	0
	67.0	8-Jul-1995	Property Damage	Sideswipe - Opposite Direction	0	0
	73.8	11-Jan-1995	Property Damage	Single Vehicle Rollover	0	0
	82.0	3-Jul-1995	Injury	Rear End	6	0
	83.0	17-May-1995	Property Damage	Single Vehicle Rollover	0	0
	86.0	29-Jul-1995	Fatal	Single Vehicle Rollover	2	1
	90.0	1-May-1995	Fatal	Single Vehicle Rollover	1	1
	100.0	12-Oct-1995	Property Damage	Ran Off Road	0	0
	122.0	24-Mar-1995	Property Damage	Animal Strike	0	0
	155.0	26-Sep-1995	Property Damage	Single Vehicle Rollover	0	0
	160.0	11-Jul-1995	Property Damage	Single Vehicle Rollover	0	0
	171.0	23-Mar-1995	Injury	Ran Off Road	1	0
	191.0	20-Dec-1995	Injury	Single Vehicle Rollover	1	0
	227.4	17-Jun-1995	Injury	Collision with Fixed Object	2	0
	260.0	27-Jul-1995	Property Damage	Single Vehicle Rollover	0	0
	287.0	24-Feb-1995	Property Damage	Collision with Fixed Object	0	0
	376.0	7-Oct-1995	Property Damage	Animal Strike	0	0
	386.0	16-Aug-1995	Property Damage	Single Vehicle Rollover	0	0
	411.0	12-Mar-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	420.0	28-Aug-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	446.0	15-Jan-1995	Property Damage	Animal Strike	0	0
	471.0	2-Aug-1995	Injury	Single Vehicle Rollover	2	0
	471.3	20-Nov-1995	Property Damage	Collision with Fixed Object	0	0
	475.0	18-Jun-1995	Injury	Collision with Fixed Object	1	0
	494.0	12-Mar-1995	Property Damage	Head-on	0	0
	506.0	14-Feb-1995	Property Damage	Single Vehicle Rollover	0	0
	671.0	30-Jun-1995	Injury	Single Vehicle Rollover	1	0
	690.0	4-Jun-1995	Injury	Single Vehicle Rollover	2	0

Summary Highway #1	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	20	9	2	31	20	2

Highway #2 (Hay River)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	8.0	8-Jan-1995	Property Damage	Collision with Fixed Object	0	0
	32.0	12-Aug-1995	Property Damage	Ran Off Road	0	0
	32.3	27-Jan-1995	Property Damage	Single Vehicle Rollover	0	0
	38.0	3-Jan-1995	Property Damage	Ran Off Road	0	0
	38.0	7-Jan-1995	Property Damage	Single Vehicle Rollover	0	0
	38.0	4-Feb-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	38.0	25-Mar-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	38.0	12-Aug-1995	Property Damage	Passing - Left Turn	0	0
	38.0	22-Nov-1995	Injury	Collision with Fixed Object	1	0
	39.7	1-Dec-1995	Property Damage	Collision with Fixed Object	0	0
	41.0	29-Jan-1995	Injury	Collision with Fixed Object	1	0
	41.0	14-Aug-1995	Injury	Single Vehicle Rollover	1	0
	44.6	17-Apr-1995	Property Damage	Single Vehicle Rollover	0	0

Summary Highway #2	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	10	3	0	13	3	0

Geographic Distribution – Section 11

Highway #3 (Yellowknife)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	2.0	27-May-1995	Property Damage	Ran Off Road	0	0
	24.0	4-Feb-1995	Property Damage	Single Vehicle Rollover	0	0
	30.0	12-Feb-1995	Property Damage	Single Vehicle Rollover	0	0
	41.0	15-Feb-1995	Property Damage	Animal Strike	0	0
	50.0	14-Oct-1995	Property Damage	Animal Strike	0	0
	51.0	12-Aug-1995	Property Damage	Animal Strike	0	0
	60.0	8-Oct-1995	Property Damage	Animal Strike	0	0
	81.0	22-Sep-1995	Property Damage	Animal Strike	0	0
	116.0	3-Aug-1995	Injury	Single Vehicle Rollover	1	0
	119.0	19-Feb-1995	Property Damage	Single Vehicle Rollover	0	0
	126.0	28-Mar-1995	Property Damage	Single Vehicle Rollover	0	0
	130.0	31-Oct-1995	Property Damage	Rear End	0	0
	135.0	25-Jul-1995	Injury	Collision with Fixed Object	2	0
	141.0	22-Jul-1995	Injury	Single Vehicle Rollover	2	0
	195.0	6-Nov-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	222.0	19-Feb-1995	Injury	Single Vehicle Rollover	3	0
	228.0	7-Jul-1995	Property Damage	Other Single Vehicle Collision	0	0
	243.0	9-Jan-1995	Injury	Single Vehicle Rollover	1	0
	243.0	4-Oct-1995	Injury	Single Vehicle Rollover	2	0
	243.0	14-Nov-1995	Property Damage	Collision with Fixed Object	0	0
	245.0	2-Mar-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	255.0	7-Jun-1995	Property Damage	Single Vehicle Rollover	0	0
	262.0	23-Apr-1995	Injury	Single Vehicle Rollover	1	0
	269.0	12-Sep-1995	Injury	Single Vehicle Rollover	1	0
	276.0	10-Nov-1995	Injury	Single Vehicle Rollover	2	0
	288.0	4-Nov-1995	Fatal	Single Vehicle Rollover	1	1
	308.0	14-Mar-1995	Injury	Other Multi-Vehicle Collision	1	0
	331.0	15-May-1995	Property Damage	Ran Off Road	0	0
	332.7	7-Oct-1995	Property Damage	Collision with Fixed Object	0	0
	334.0	13-Dec-1995	Property Damage	Collision with Fixed Object	0	0
	336.7	11-Mar-1995	Property Damage	Head-on	0	0
	336.7	14-Nov-1995	Property Damage	Collision with Fixed Object	0	0
	338.0	20-Nov-1995	Injury	Collision with Fixed Object	2	0
	338.8	6-Aug-1995	Injury	Collision with Fixed Object	1	0
	338.8	14-Dec-1995	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
	22	12	1	35	20	1

Geographic Distribution – Section 11

Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	7-Oct-1995	Injury	Right Angle	3	0
	0.0	29-Nov-1995	Property Damage	Collision with Fixed Object	0	0
	2.0	25-Oct-1995	Property Damage	Collision with Fixed Object	0	0
	2.0	2-Dec-1995	Injury	Collision with Fixed Object	1	0
	13.0	18-Sep-1995	Property Damage	Single Vehicle Rollover	0	0
	15.0	12-Mar-1995	Injury	Ran Off Road	1	0
	17.0	28-Mar-1995	Property Damage	Single Vehicle Rollover	0	0
	25.0	26-Mar-1995	Property Damage	Ran Off Road	0	0
	33.0	19-Jun-1995	Property Damage	Collision with Fixed Object	0	0
	34.0	10-Jun-1995	Injury	Single Vehicle Rollover	1	0
	37.0	10-Jul-1995	Property Damage	Single Vehicle Rollover	0	0
	40.0	14-Jul-1995	Property Damage	Ran Off Road	0	0
	44.0	7-Aug-1995	Injury	Single Vehicle Rollover	1	0
	50.0	6-Aug-1995	Property Damage	Single Vehicle Rollover	0	0
	61.0	15-May-1995	Injury	Single Vehicle Rollover	2	0
Summary Highway #4	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	9	6	0	15	9	0
Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	58.0	25-May-1995	Property Damage	Single Vehicle Rollover	0	0
	60.0	22-Feb-1995	Injury	Single Vehicle Rollover	1	0
	84.0	7-Aug-1995	Injury	Single Vehicle Rollover	1	0
	86.0	18-Oct-1995	Injury	Single Vehicle Rollover	1	0
	116.0	20-Aug-1995	Property Damage	Animal Strike	0	0
	126.0	19-Apr-1995	Property Damage	Single Vehicle Rollover	0	0
	126.0	15-Jul-1995	Property Damage	Animal Strike	0	0
	151.0	29-Sep-1995	Property Damage	Animal Strike	0	0
	192.0	23-Aug-1995	Property Damage	Animal Strike	0	0
	206.0	3-Aug-1995	Injury	Animal Strike	1	0
	216.0	21-Aug-1995	Property Damage	Animal Strike	0	0
	232.0	6-Jun-1995	Property Damage	Passing - Left Turn	0	0
	238.0	7-May-1995	Injury	Single Vehicle Rollover	2	0
	246.0	13-Jan-1995	Injury	Other Multi-Vehicle Collision	4	0
	Unknown	24-Mar-1995	Injury	Single Vehicle Rollover	1	0
Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	8	7	0	15	11	0
Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	18.0	2-Jul-1995	Property Damage	Single Vehicle Rollover	0	0
	24.0	6-Jul-1995	Injury	Single Vehicle Rollover	2	0
	41.0	31-May-1995	Injury	Single Vehicle Rollover	5	0
	68.0	27-Jun-1995	Property Damage	Single Vehicle Rollover	0	0
	89.0	31-Mar-1995	Injury	Right Angle	1	0
Summary Highway #6	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	2	3	0	5	8	0

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Highway #7 (Liard Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	44.6	19-Jun-1995	Injury	Single Vehicle Rollover	1	0
	51.6	4-Jul-1995	Injury	Single Vehicle Rollover	2	0
	135.0	9-Sep-1995	Fatal	Single Vehicle Rollover	0	1
	140.0	21-Jan-1995	Injury	Single Vehicle Rollover	1	0
	140.0	26-Aug-1995	Injury	Single Vehicle Rollover	1	0
	180.0	26-Jul-1995	Injury	Single Vehicle Rollover	1	0
	230.0	27-Jul-1995	Property Damage	Single Vehicle Rollover	0	0
	234.0	29-May-1995	Property Damage	Single Vehicle Rollover	0	0
	250.0	6-Mar-1995	Injury	Rear End	1	0

Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	2	6	1	9	7	1

Highway #8 (Dempster Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	# Persons Injured	# Persons Killed
	54.0	24-Aug-1995	Property Damage	Sideswipe Same Direction	0	0
	55.0	31-Jul-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	74.0	6-Jul-1995	Injury	Ran Off Road	1	0
	100.0	26-Sep-1995	Injury	Single Vehicle Rollover	1	0
	105.0	20-Jul-1995	Injury	Single Vehicle Rollover	1	0
	114.0	10-Aug-1995	Property Damage	Single Vehicle Rollover	0	0
	120.0	10-Aug-1995	Injury	Single Vehicle Rollover	2	0
	142.6	26-Aug-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	142.6	2-Sep-1995	Property Damage	Other Multi-Vehicle Collision	0	0
	143.0	6-Apr-1995	Property Damage	Collision with Fixed Object	0	0
	150.0	25-Jun-1995	Property Damage	Other Single Vehicle Collision	0	0
	158.0	29-May-1995	Property Damage	Single Vehicle Rollover	0	0
	203.0	22-Jun-1995	Property Damage	Single Vehicle Rollover	0	0
	221.0	18-Feb-1995	Property Damage	Single Vehicle Rollover	0	0
	249.0	30-Jan-1995	Property Damage	Collision with Fixed Object	0	0
	250.0	17-Aug-1995	Property Damage	Single Vehicle Rollover	0	0
	270.9	18-Sep-1995	Property Damage	Single Vehicle Rollover	0	0

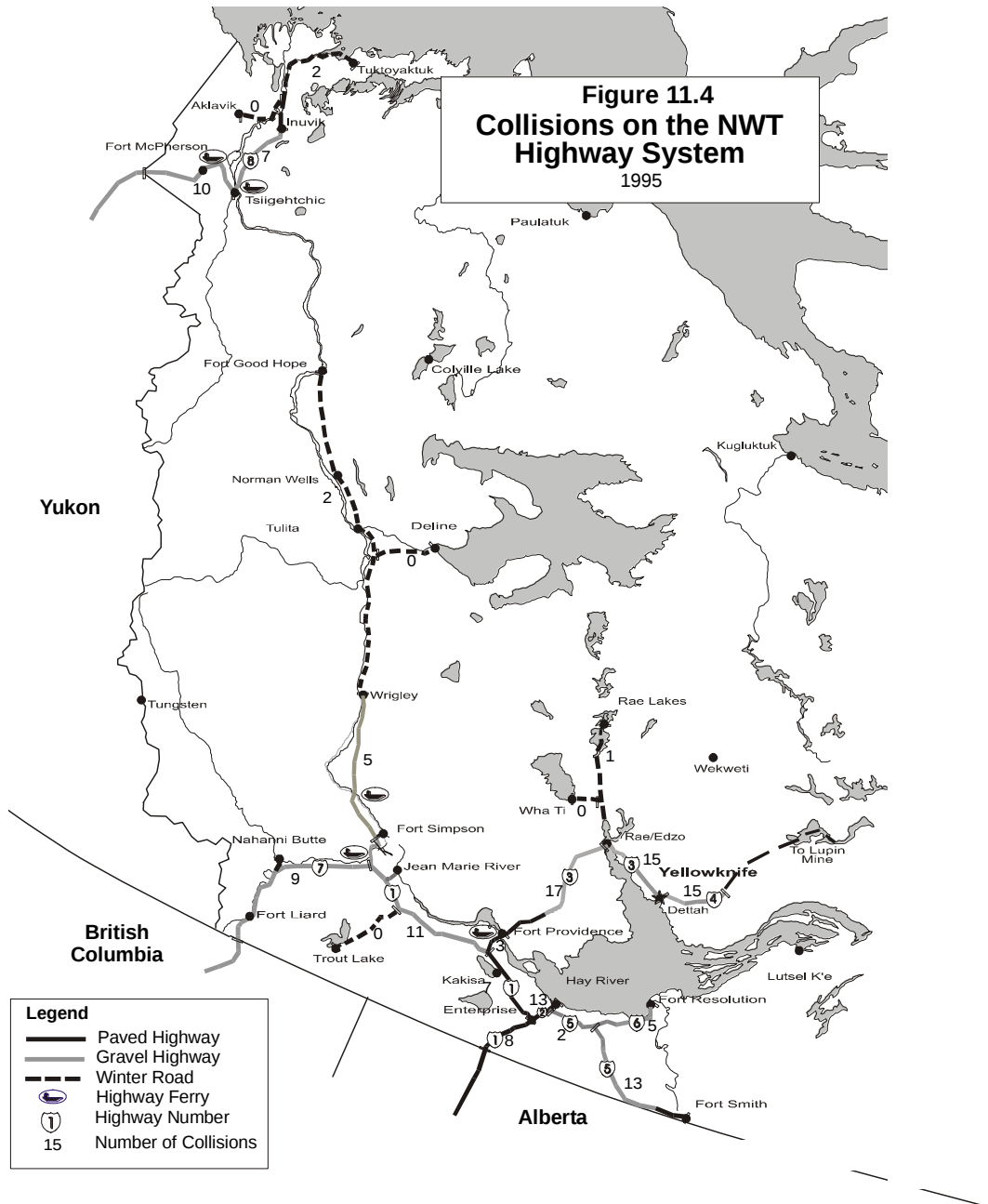
Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	13	4	0	17	5	0

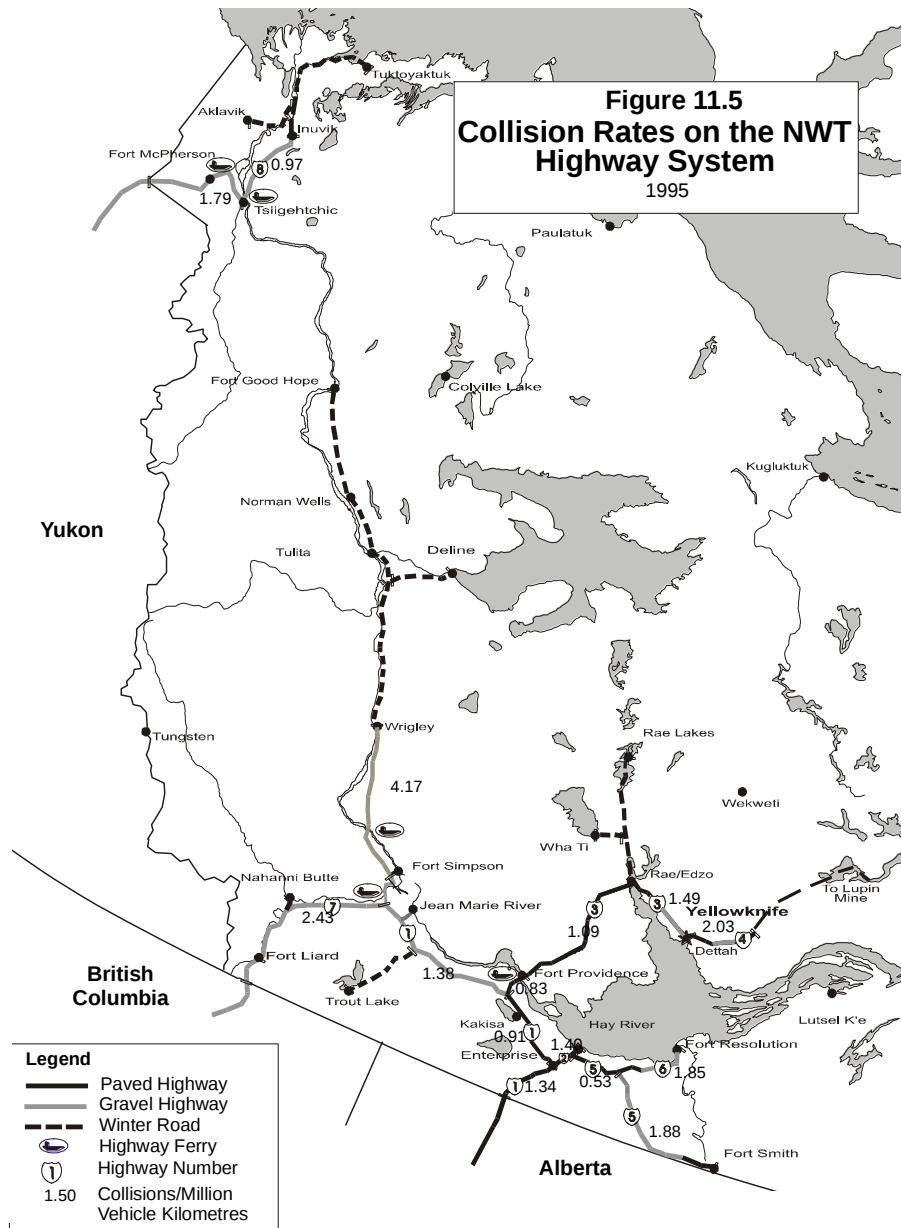
Geographic Distribution – Section 11

<u>Access and Winter Roads</u>	<u>Collision Date</u>	<u>Collision Severity</u>	<u>Collision Configuration</u>	<u># Persons Injured</u>	<u># Persons Killed</u>
Cassidy Point Access Road	3-Jan-1995	Property Damage	Other Multi-Vehicle Collision	0	0
Dettah Access Road	22-Oct-1995	Property Damage	Ran Off Road	0	0
Fort Liard Access Road	22-May-1995	Injury	Collision with Fixed Object	1	0
Hav River Reserve Access Road	11-Jun-1995	Property Damage	Sideswipe Same Direction	0	0
Hav River Reserve Access Road	21-Sep-1995	Property Damage	Other Multi-Vehicle Collision	0	0
Inuvik-Tuktoyaktuk Winter Road	29-Jan-1995	Property Damage	Collision with Fixed Object	0	0
Inuvik-Tuktoyaktuk Winter Road	27-Mar-1995	Property Damage	Single Vehicle Rollover	0	0
Mackenzie Highway Winter Road	19-Feb-1995	Property Damage	Sideswipe - Opposite Direction	0	0
Mackenzie Highway Winter Road	7-Mar-1995	Property Damage	Other Multi-Vehicle Collision	0	0
Rae Access Road	11-Jul-1995	Injury	Single Vehicle Rollover	2	0
Rae Access Road	10-Oct-1995	Property Damage	Collision with Fixed Object	0	0
Rae Lakes Winter Access Road	5-Mar-1995	Injury	Collision with Fixed Object	1	0
Vee Lake Access Road	2-Aug-1995	Injury	Ran Off Road	2	0

<u>Summary Access and Winter Roads</u>	<u>Property Damage Collisions</u>	<u>Personal Injury Collisions</u>	<u>Fatal Collisions</u>	<u>Total Collisions</u>	<u>Persons Injured</u>	<u>Persons Killed</u>
	9	4	0	13	6	0

<u>Summary All NWT Highways</u>	<u>Property Damage Collisions</u>	<u>Personal Injury Collisions</u>	<u>Fatal Collisions</u>	<u>Total Collisions</u>	<u>Persons Injured</u>	<u>Persons Killed</u>
	95	54	4	153	89	4





Appendix A1 – NWT MVA Report Form

ACCIDENT REPORT		1. FATAL 2. INJURY	
LOCATION 1. URBAN 2. SUBURBAN 3. RURAL 4. REMOTE/UNINHABITED AREA 1. CITY 2. TOWN 3. VILLAGE 4. REMOTE/UNINHABITED AREA 1. N 2. NE 3. E 4. SE 5. S 6. SW 7. W 8. NW 9. UNKN		3. PROPERTY DAMAGE 4. OTHER 5. R.C.M.P. DETACHMENT TIME (USE 240 HRS) NO. OF VEHICLES INVOLVED HRS MIN SEC	
ROAD TYPE: 1. N/A 2. ASPHALT 3. GRAVEL 4. DIRT 5. OTHER ROAD SURFACE TYPE: 1. N/A 2. ASPHALT 3. GRAVEL 4. DIRT 5. OTHER CONDITION: 1. N/A 2. UNDER REPAIR 3. UNDER REPAIR 4. UNDER REPAIR 5. UNDER REPAIR UNUSUAL R/OY CONDITION: 1. N/A 2. UNDER REPAIR 3. UNDER REPAIR 4. UNDER REPAIR 5. UNDER REPAIR		ROAD JURISDICTION: 1. PROV. PRIMARY HIGHWAY 2. PROV. SECONDARY HIGHWAY 3. PROV. TERTIARY HIGHWAY 4. PROV. LOCAL ROAD 5. PROV. LOCAL ROAD 6. PROV. LOCAL ROAD 7. PROV. LOCAL ROAD 8. PROV. LOCAL ROAD 9. PROV. LOCAL ROAD ROAD JURISDICTION: 1. PROV. PRIMARY HIGHWAY 2. PROV. SECONDARY HIGHWAY 3. PROV. TERTIARY HIGHWAY 4. PROV. LOCAL ROAD 5. PROV. LOCAL ROAD 6. PROV. LOCAL ROAD 7. PROV. LOCAL ROAD 8. PROV. LOCAL ROAD 9. PROV. LOCAL ROAD	
DO NOT WRITE IN THIS SPACE		WEATHER CONDITION: 1. N/A 2. CLEAR 3. CLOUDY 4. RAIN 5. SNOW 6. FOG 7. STRONG WIND 8. OTHER 9. UNKNOWN LIGHT CONDITION: 1. N/A 2. DAYLIGHT 3. DAWN 4. DUSK 5. DARKNESS 6. OTHER 7. UNKNOWN STREET LIGHTING: 1. N/A 2. NONE 3. PRESENT - ON 4. PRESENT - OFF 5. LIGHT FAULT 6. OTHER 7. UNKNOWN	
OBJECT 1 DRIVER LICENSE NO. CLASSES LAST NAME DRIVER 1 FIRST NAME DRIVER 1 INITIAL NUMBER AND STREET CITY PROV. POSTAL CODE DATE OF BIRTH SEX PHONE NO. DRIVER'S OCCUPATION PLATE NO. NWT SERIAL OR VIN NUMBER LAST NAME OWNER 1 FIRST NAME OWNER 1 INITIAL NUMBER AND STREET CITY PROV. POSTAL CODE INSURANCE SPECIAL RESPONSIBILITY OR POLICY NO. EXPIRY DATE COMPANY ADDRESS DAMAGE SUSTAINED: YES NO TRAINED DRIVER YES NO DRIVER'S REFERENCE YES NO DAMAGE SEVERITY: 1. DRAINING 2. FLOODING 3. NEW 4. OTHER TOTAL OCCUPANTS THIS VEHICLE: 0 APPROX. REPAIR COST: \$ UNLAWFUL AND/OR ILLEGAL ACTS AND DESCRIPTION OF ACCIDENT		OBJECT 2 DRIVER LICENSE NO. CLASSES LAST NAME DRIVER 2 FIRST NAME DRIVER 2 INITIAL NUMBER AND STREET CITY PROV. POSTAL CODE DATE OF BIRTH SEX PHONE NO. DRIVER'S OCCUPATION PLATE NO. NWT SERIAL OR VIN NUMBER LAST NAME OWNER 2 FIRST NAME OWNER 2 INITIAL NUMBER AND STREET CITY PROV. POSTAL CODE INSURANCE SPECIAL RESPONSIBILITY OR POLICY NO. EXPIRY DATE COMPANY ADDRESS DAMAGE SUSTAINED: YES NO TRAINED DRIVER YES NO DRIVER'S REFERENCE YES NO DAMAGE SEVERITY: 1. DRAINING 2. FLOODING 3. NEW 4. OTHER TOTAL OCCUPANTS THIS VEHICLE: 0 APPROX. REPAIR COST: \$ UNLAWFUL AND/OR ILLEGAL ACTS AND DESCRIPTION OF ACCIDENT	
ADDITIONAL INFORMATION 16 17 18 19 20 21 22 23 24		NAMES - ADDRESSES IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH 45	
OFFICER'S SIGN AND NAME SIGNATURE POLICE COMMENTS PROPOSED POLICE ACTION		DIVISION REVIEW OFFICER DATE REVIEWED PROPOSED POLICE ACTION	

Appendix A2 – NWT MVA Report Form Template

ROAD CLASS										ACCIDENT LOCATION										SPECIAL FACILITY										TRAFFIC CONTROL										TRAFFIC CONTROL CONDITION										ROADWAY SPEED (km/h)										ROADWAY ALIGNMENT										HAZARDOUS LOADS										LOAD SPILLED (in accident)										POINT OF INITIAL IMPACT										OCCUPANT PROTECTION										POSITION IN/ON VEHICLE										SAFETY EQUIP. USED										SELECTED FROM VEHICLE										SEX										AGE										MOVABLE OBJECT										COLLISION WITH FIXED OBJECT										EVENT TYPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1. N/A 2. Primary/Primary Hwy 3. Arterial St./Rte. Rd. 4. Residential St./Local Dist. Rd.										5. Lanes 6. Service Rte. 7. Other										8. N/A 9. Other motor vehicle 10. Other vehicle 11. Other										12. N/A 13. Other										14. N/A 15. Other										16. N/A 17. Other										18. N/A 19. Other										20. N/A 21. Other										22. N/A 23. Other										24. N/A 25. Other										26. N/A 27. Other										28. N/A 29. Other										30. N/A 31. Other										32. N/A 33. Other										34. N/A 35. Other										36. N/A 37. Other										38. N/A 39. Other										40. N/A 41. Other										42. N/A 43. Other										44. N/A 45. Other										46. N/A 47. Other										48. N/A 49. Other										50. N/A 51. Other										52. N/A 53. Other										54. N/A 55. Other										56. N/A 57. Other										58. N/A 59. Other										60. N/A 61. Other										62. N/A 63. Other										64. N/A 65. Other										66. N/A 67. Other										68. N/A 69. Other										70. N/A 71. Other										72. N/A 73. Other										74. N/A 75. Other										76. N/A 77. Other										78. N/A 79. Other										80. N/A 81. Other										82. N/A 83. Other										84. N/A 85. Other										86. N/A 87. Other										88. N/A 89. Other										90. N/A 91. Other										92. N/A 93. Other										94. N/A 95. Other										96. N/A 97. Other										98. N/A 99. Other										100. N/A 101. Other										102. N/A 103. Other										104. N/A 105. Other										106. N/A 107. Other										108. N/A 109. Other										110. N/A 111. Other										112. N/A 113. Other										114. N/A 115. Other										116. N/A 117. Other										118. N/A 119. Other										120. N/A 121. Other										122. N/A 123. Other										124. N/A 125. Other										126. N/A 127. Other										128. N/A 129. Other										130. N/A 131. Other										132. N/A 133. Other										134. N/A 135. Other										136. N/A 137. Other										138. N/A 139. Other										140. N/A 141. 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Appendix A3 – Brief Description of Fatal Collisions

The following is a brief description of the four fatal traffic collisions that took place in the Northwest Territories in 1995, resulting in four fatalities.

RCMP Detachment	Date	Description
Hay River	30-Apr	Single vehicle rollover on Highway #2 near Enterprise. Driver lost control on curve. Both driver and right front passenger were unrestrained and totally ejected. Passenger was killed while the driver was seriously injured. Condition of the driver was unknown.
Hay River	28-Jul	Single Vehicle Rollover on Highway #1 near Enterprise. Driver had fallen asleep and sustained fatal injuries. The right front and left rear passengers sustained moderate injuries. The driver and right front passenger were fully restrained and not ejected. The rear passenger was unrestrained and ejected from the vehicle.
Fort Liard	8-Sep	Single vehicle rollover on Km 135 of Highway #7. The driver and sole occupant of pickup truck lost control and died at the scene. The driver was fully restrained. Excessive speed was believed to be a factor.
Rae	3-Nov	Single vehicle rollover on Highway #3, 43 km east of the Rae Access Road. The driver, who was restrained, lost control on ice-covered road. The two front passengers were unrestrained and totally ejected. The right front passenger died at the scene while the middle passenger suffered moderate injuries. The driver was not injured.

