

1990 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.

1990 QUICK FACTS REPORT

1990 Compared to 1989

	<u>1989</u>	<u>1990</u>	<u>% Change</u>
PROPERTY DAMAGE ONLY COLLISIONS	691	675	-2.3
PERSONAL INJURY COLLISIONS	180	139	-22.8
FATAL COLLISIONS	8	7	-12.5
TOTAL REPORTED COLLISIONS	879	821	-6.6
NUMBER OF PERSONS KILLED	8	9	12.5
NUMBER OF PERSONS INJURED	263	199	-24.3
NWT HIGHWAY SYSTEM COLLISIONS	253	174	-31.2
RURAL COLLISIONS	6	14	133.3
COLLISIONS IN COMMUNITIES	620	633	2.1
REGISTERED VEHICLES	20,257	20,793	2.6
LICENSED DRIVERS	12,579	17,418	38.5
NWT POPULATION [1]	37,700	38,200	1.3
COLLISIONS PER 100 LICENSED DRIVERS	6.99	4.71	-32.5
COLLISIONS PER 100 REGISTERED VEHICLES	4.34	3.95	-9.0
COLLISIONS PER 100 POPULATION	2.33	2.15	-7.8
COLLISIONS INVOLVING ALCOHOL	96	87	-9.4

[1] 1989 and 1990 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 1991.

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.

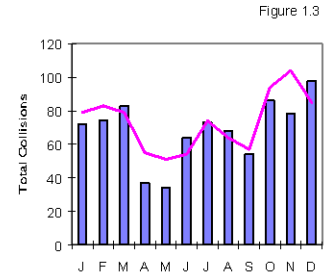
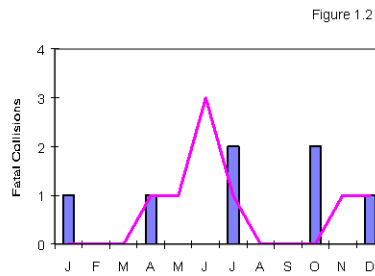
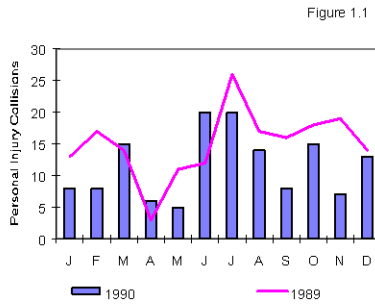
TRAFFIC FATALITY COLLISION (Fatal) - a motor vehicle collision resulting in death within 30 days to one or more involved persons. Death must be the result of injuries incurred from the collision. This excludes death from natural causes such as heart attacks.

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Collisions by Month of Occurrence



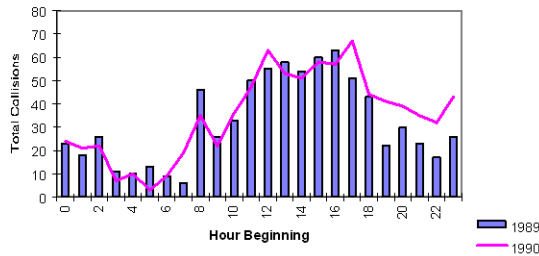
Collisions & Victims by Month of Occurrence

Figure 1.4

Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	63	8	1	72	9	1
February	66	8	0	74	10	0
March	68	15	0	83	22	0
April	30	6	1	37	6	1
May	29	5	0	34	6	0
June	44	20	0	64	29	0
July	51	20	2	73	45	2
August	54	14	0	68	17	0
September	46	8	0	54	9	0
October	69	15	2	86	23	4
November	71	7	0	78	8	0
December	84	13	1	98	15	1
Total	675	139	7	821	199	9

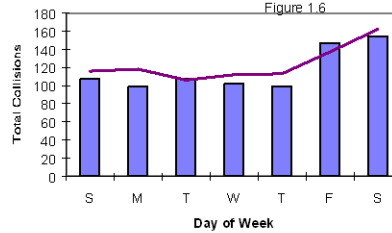
Total Collisions by Time of Day

Figure 1.5



Total Collisions by Day of Week

Figure 1.6



Time of Occurrence – Section 1

Collisions by Time of Day & Day of Week*

Figure 1.7

Collision Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	%
12 to 1 a.m.	2	3	5	6	0	3	4	23	2.8
1 to 2 a.m.	5	2	2	1	0	3	5	18	2.2
2 to 3 a.m.	8	2	4	1	0	3	8	26	3.2
3 to 4 a.m.	4	0	0	2	0	3	2	11	1.3
4 to 5 a.m.	3	1	0	2	3	0	1	10	1.2
5 to 6 a.m.	2	3	2	1	2	1	2	13	1.6
6 to 7 a.m.	2	0	1	2	0	2	2	9	1.1
7 to 8 a.m.	0	2	1	0	0	1	2	6	0.7
8 to 9 a.m.	0	9	11	11	6	8	1	46	5.6
9 to 10 a.m.	5	3	1	2	5	5	5	26	3.2
10 to 11 a.m.	3	8	5	4	4	5	4	33	4.0
11 to 12 a.m.	4	7	5	8	7	5	14	50	6.1
12 to 1 p.m.	8	8	4	7	6	15	7	55	6.7
1 to 2 p.m.	6	6	12	7	7	8	12	58	7.1
2 to 3 p.m.	8	6	6	8	8	10	8	54	6.6
3 to 4 p.m.	8	4	8	5	10	12	13	60	7.4
4 to 5 p.m.	8	7	7	7	10	12	12	63	7.7
5 to 6 p.m.	5	8	4	6	8	13	7	51	6.3
6 to 7 p.m.	8	4	8	4	5	9	4	42	5.2
7 to 8 p.m.	2	3	4	5	1	3	4	22	2.7
8 to 9 p.m.	2	5	8	1	5	4	5	30	3.7
9 to 10 p.m.	4	3	1	3	2	6	3	22	2.7
10 to 11 p.m.	2	0	2	0	3	6	4	17	2.1
11 to 12 p.m.	3	0	2	2	3	4	12	26	3.2
Not Stated	5	5	4	7	4	6	13	44	5.4
Total	107	99	107	102	99	147	154	815	
%	13.1	12.1	13.1	12.5	12.1	18.0	18.9	100.0	

* Excludes collisions in which Day of Week was unknown.

Major Contributing Factors – Section 2

Collisions by Severity Where Human Condition Was a Major Contributing Factor

Figure 2.1

Human Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Fatigued, Fell Asleep	1	3	0	4	0.5
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	22	14	1	37	4.5
Under Influence - Drugs	1	0	0	1	0.1
Sudden Illness, Lost Consciousness	0	0	0	0	0.0
Other Driver Condition	0	0	0	0	0.0
Total	24	17	1	42	5.1

Collisions by Severity Where Human Action Was a Major Contributing Factor

Figure 2.2

Human Action	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Following Too Closely	38	8	0	46	5.6
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	61	19	2	82	10.0
Improper Turning or Passing	22	1	0	23	2.8
Failed to Yield Right-of-Way	59	22	0	81	9.9
Disobeyed Traffic Control/Officer	4	2	0	6	0.7
Driving on Wrong Side of Road	6	4	0	10	1.2
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	124	2	0	126	15.3
Lost Control	106	39	4	149	18.1
Other Driver Action	0	0	0	0	0.0
Total	420	97	6	523	63.7

Collisions by Severity Where Vehicle Condition Was a Major Contributing Factor

Figure 2.3

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	3	0	0	3	0.4
Tire Blown Out	2	0	0	2	0.2
Unsecured Load, Spilled Load	2	0	0	2	0.2
Oversized Load, Overload	3	0	0	3	0.4
Visibility Obstructed	3	0	0	3	0.4
Other Vehicle Contributing Factor	18	1	0	19	2.3
Total	32	1	0	33	4.0

Major Contributing Factors – Section 2

Collisions by Severity Where Environmental Condition Was a Major Contributing Factor

Figure 2.4

Environmental Condition	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Animal on Roadway	11	0	0	11	1.3
Road Surface or Condition	29	5	0	34	4.1
Obstruction/Debris on Road	1	0	0	1	0.1
View Obstructed, Glare, Reflection	7	0	0	7	0.9
Weather or Other Acts of God	24	3	0	27	3.3
Other Environmental Factor	0	0	0	0	0.0
Total	72	8	0	80	9.7

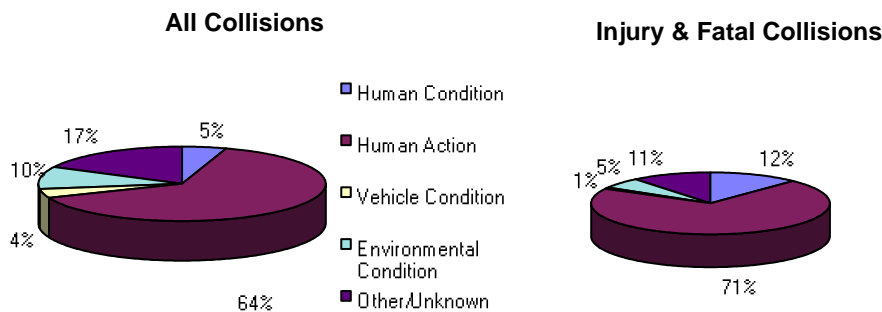
Collisions by Severity Where Major Contributing Factor Was Unspecified or Unknown

Figure 2.5

Factor	Property Damage	Personal Injury	Fatal	% of Total	
				Total	Factors
Unspecified	13	16	0	29	3.5
Unknown	114	0	0	114	13.9
Total	127	16	0	143	17.4
Total All Factors	675	139	7	821	100.0

Major Contributing Factors by Collision Severity

Figure 2.6



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 2

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

Figure 2.7

Human Condition	NWT			Rural	Total	% of Total Factors
	Highways	Communities	In			
Fatigued, Fell Asleep	3	1	0	0	4	0.5
Inexperience	0	0	0	0	0	0.0
Under Influence - Alcohol	8	28	1	1	37	4.5
Under Influence - Drugs	0	1	0	0	1	0.1
Sudden Illness, Lost Consciousness	0	0	0	0	0	0.0
Other Driver Condition	0	0	0	0	0	0.0
Total	11	30	1	1	42	5.1

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

Figure 2.8

Human Action	NWT			Rural	Total	% of Total Factors
	Highways	Communities	In			
Following Too Closely	5	41	0	0	46	5.6
Distracted, Inattentive	0	0	0	0	0	0.0
Driving Too Fast for Conditions	21	58	3	3	82	10.0
Improper Turning or Passing	5	18	0	0	23	2.8
Failed to Yield Right-of-Way	11	70	0	0	81	9.9
Disobeyed Traffic Control/Officer	0	6	0	0	6	0.7
Driving on Wrong Side of Road	3	6	1	1	10	1.2
Driving in Wrong Direction	0	0	0	0	0	0.0
Backing Unsafely	8	118	0	0	126	15.3
Lost Control	63	84	2	2	149	18.1
Other Driver Action	0	0	0	0	0	0.0
Total	116	401	6	6	523	63.7

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

Figure 2.9

Vehicle Condition	NWT			Rural	Total	% of Total Factors
	Highways	Communities	In			
Defective Brakes	0	0	0	1	1	0.1
Defective Steering	0	0	0	0	0	0.0
Defective Lights	1	2	0	0	3	0.4
Tire Blown Out	0	2	0	0	2	0.2
Unsecured Load, Spilled Load	2	0	0	0	2	0.2
Oversized Load, Overload	2	0	0	1	3	0.4
Visibility Obstructed	0	3	0	0	3	0.4
Other Vehicle Contributing Factor	2	17	0	0	19	2.3
Total	7	24	2	2	33	4.0

Major Contributing Factors – Section 2

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

Figure 2.10

<u>Environmental Condition</u>	<u>NWT</u>			<u>Total</u>	<u>% of Total Factors</u>
	<u>Highways</u>	<u>In Communities</u>	<u>Rural</u>		
Animal on Roadway	1	9	1	11	1.3
Road Surface or Condition	13	19	2	34	4.1
Obstruction/Debris on Road	0	1	0	1	0.1
View Obstructed, Glare, Reflection	3	4	0	7	0.9
Weather or Other Acts of God	9	18	0	27	3.3
Other Environmental Factor	0	0	0	0	0.0
Total	26	51	3	80	9.7

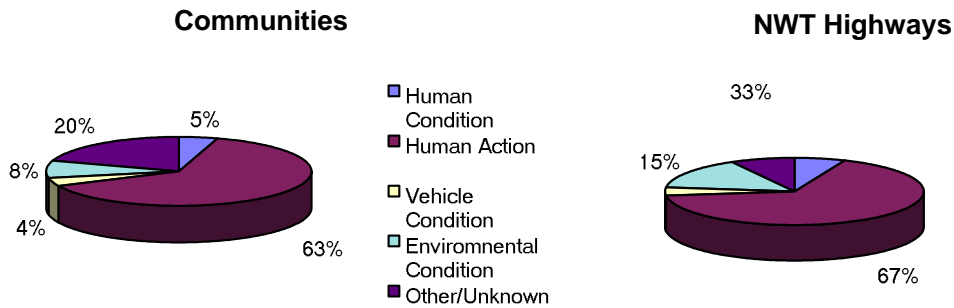
Collisions by Road System Where Major Contributing Factor Was Unspecified or Unknown

Figure 2.11

<u>Factor</u>	<u>NWT</u>			<u>Total</u>	<u>% of Total Factors</u>
	<u>Highways</u>	<u>In Communities</u>	<u>Rural</u>		
Unspecified	2	26	1	29	3.5
Unknown	12	101	1	114	13.9
Total	14	127	2	143	17.4
Total All Factors	174	633	14	821	100.0

Major Contributing Factors in Collisions - Communities and NWT Highways

Figure 2.12

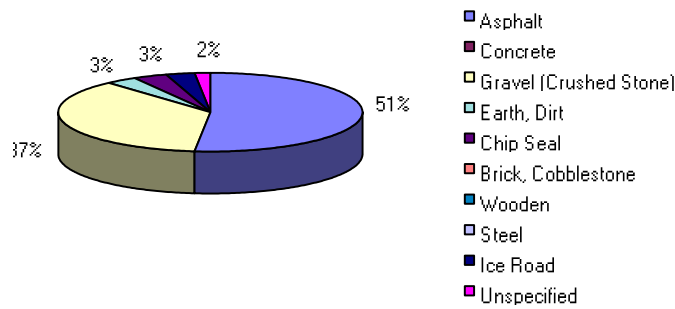


Environmental Factors – Section 3

Collisions by Road Surface Type and Severity

Figure 3.1

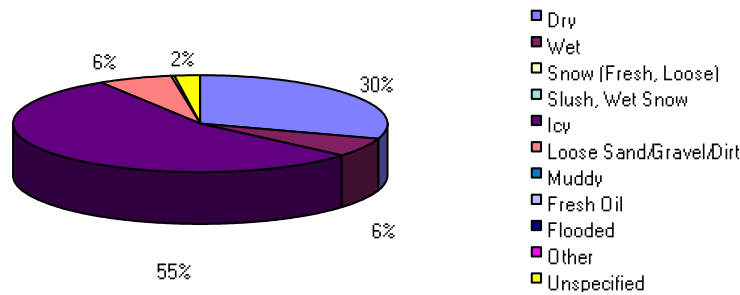
Road Surface Type	Property Damage	Personal Injury	Fatal	Total	%
Asphalt	368	55	1	424	51.6
Concrete	1	0	0	1	0.1
Gravel (Crushed Stone)	230	65	5	300	36.5
Earth, Dirt	22	5	0	27	3.3
Chip Seal	23	7	1	31	3.8
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	0	0	0	0	0.0
Ice Road	18	7	0	25	3.0
Unspecified	13	0	0	13	1.6
Total	675	139	7	821	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 3.2

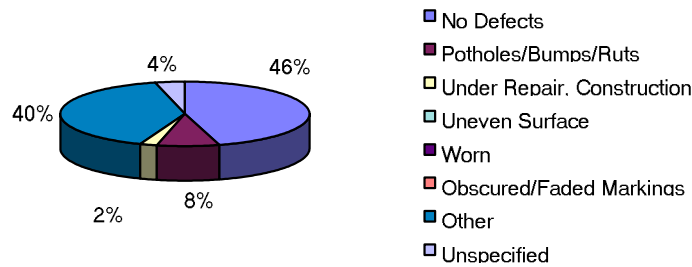
Surface Condition	Property Damage	Personal Injury	Fatal	Total	%
Dry	197	47	3	247	30.1
Wet	42	10	0	52	6.3
Snow (Fresh, Loose)	0	0	0	0	0.0
Slush, Wet Snow	0	0	0	0	0.0
Icy	384	64	2	450	54.8
Loose Sand/Gravel/Dirt	34	16	2	52	6.3
Muddy	0	0	0	0	0.0
Fresh Oil	1	0	0	1	0.1
Flooded	0	0	0	0	0.0
Other	0	1	0	1	0.1
Unspecified	17	1	0	18	2.2
Total	675	139	7	821	100



Collisions by Road Defect and Severity

Figure 3.3

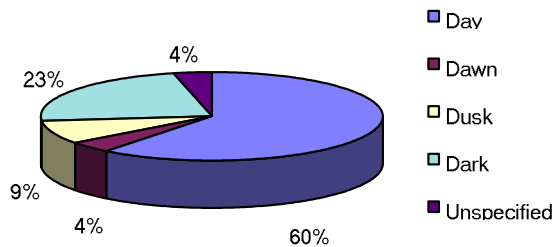
Road Defect	Property Damage	Personal Injury	Fatal	Total	%
No Defects	310	62	3	375	45.7
Potholes/Bumps/Ruts	50	16	0	66	8.0
Under Repair, Construction	13	4	0	17	2.1
Uneven Pavement Surface	0	0	0	0	0.0
Worn	0	0	0	0	0.0
Obscured or Faded Markings	0	0	0	0	0.0
Other	273	54	3	330	40.2
Unspecified	29	3	1	33	4.0
Total	675	139	7	821	100.0



Collisions by Light Condition and Severity

Figure 3.4

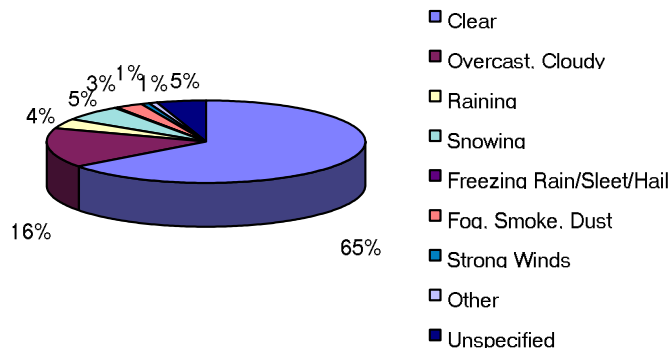
Light Condition	Property Damage	Personal Injury	Fatal	Total	%
Day	400	92	5	497	60.5
Dawn	30	4	0	34	4.1
Dusk	60	11	0	71	8.6
Dark	156	31	2	189	23.0
Unspecified	29	1	0	30	3.7
Total	675	139	7	821	100.0



Collisions by Weather Condition and Severity

Figure 3.5

Weather Condition	Property Damage	Personal Injury	Fatal	Total	%
Clear (Sunny)	433	94	4	531	64.7
Overcast, Cloudy (No Precipitation)	103	23	3	129	15.7
Raining	24	6	0	30	3.7
Snowing	44	8	0	52	6.3
Freezing Rain/Sleet/Hail	1	0	0	1	0.1
Visibility Limitations (fog, dust, etc.)	19	4	0	23	2.8
Strong Winds	5	1	0	6	0.7
Other	8	0	0	8	1.0
Unspecified	38	3	0	41	5.0
Total	675	139	7	821	100.0

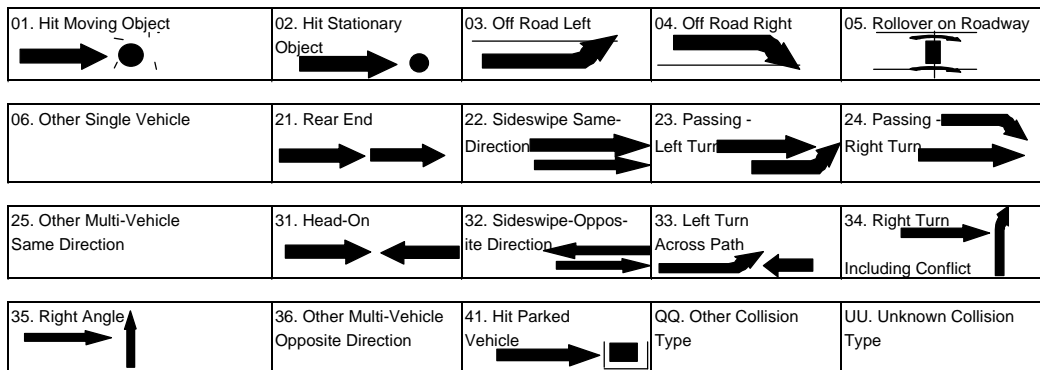


Collisions by Configuration and Severity

Figure 3.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Animal	7	0	0	7	0.9
b) With Pedestrian	0	19	0	19	2.3
c) Other	0	0	0	0	0.0
02. Hit Stationary Object	60	11	0	71	9.5
03. Off Road Left					
a) With Rollover	17	15	2	34	4.1
b) No Rollover	18	8	0	26	3.2
04. Off Road Right					
a) With Rollover	25	21	2	48	5.8
b) No Rollover	29	5	1	35	4.3
05. Rollover on Roadway	5	7	0	12	1.5
06. Other Single Vehicle	4	2	0	6	0.7
21. Rear End	81	14	0	95	11.6
22. Sideswipe - Same Direction	15	3	0	18	2.2
23. Passing - Left Turn	6	0	0	6	0.7
24. Passing - Right Turn	6	0	0	6	0.7
25. Other Multi-Vehicle Same Direction	0	0	0	0	0.0
31. Head-On	8	7	1	16	1.9
32. Sideswipe - Opposite Direction	23	3	0	26	3.2
33. Left Turn Across Path	9	5	0	14	1.7
34. Right Turn Including Conflict	5	1	0	6	0.7
35. Right Angle	88	15	0	103	12.5
36. Other Multi-Vehicle Opposite Direction	23	1	0	24	2.9
41. Hit Parked Vehicle	244	2	1	247	30.1
QQ. Other Collision Type	2	0	0	2	0.2
UU. Unknown Collision Type	0	0	0	0	0.0
Total	675	139	7	821	100.0

***Collision Configurations**

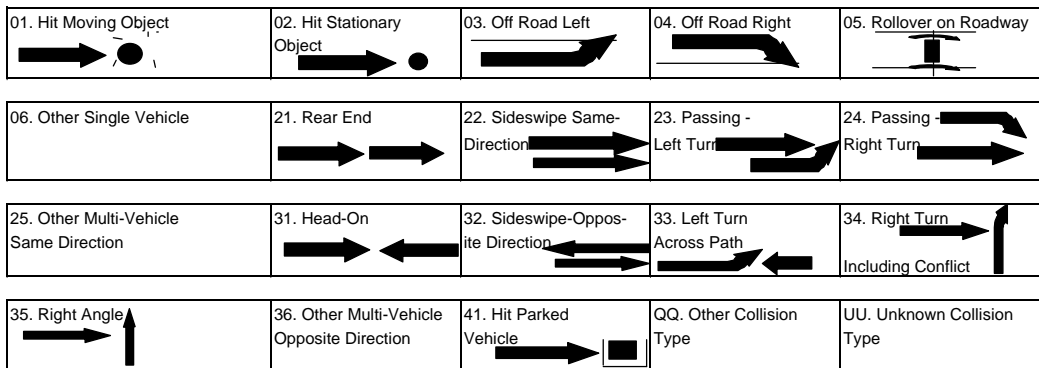


Collisions by Configuration and Road System

Figure 3.7

Configuration*	NWT Highways	In Communities	Rural	Total	% of Total
01. Hit Moving Object					
a) With Animal	1	5	1	7	0.9
b) With Pedestrian	1	17	1	19	2.3
c) Other	0	0	0	0	0.0
02. Hit Stationary Object	17	54	0	71	8.6
03. Off Road Left					
a) With Rollover	21	13	0	34	4.1
b) No Rollover	11	15	0	26	3.2
04. Off Road Right					
a) With Rollover	25	21	2	48	5.8
b) No Rollover	13	21	1	35	4.3
05. Rollover on Roadway	7	3	2	12	1.5
06. Other Single Vehicle	1	5	0	6	0.7
21. Rear End	10	85	0	95	11.6
22. Sideswipe - Same Direction	5	13	0	18	2.2
23. Passing - Left Turn	3	3	0	6	0.7
24. Passing - Right Turn	1	5	0	6	0.7
25. Other Multi-Vehicle Same Direction	0	0	0	0	0.0
31. Head-On	5	11	0	16	1.9
32. Sideswipe - Opposite Direction	10	12	4	26	3.2
33. Left Turn Across Path	4	10	0	14	1.7
34. Right Turn Including Conflict	0	6	0	6	0.7
35. Right Angle	12	91	0	103	12.5
36. Other Multi-Vehicle Opposite Direction	3	21	0	24	2.9
41. Hit Parked Vehicle	24	221	2	247	30.1
QQ. Other Collision Type	0	1	1	2	0.2
UU. Unknown Collision Type	0	0	0	0	0.0
Total	174	633	14	821	100.0

***Collision Configurations**



Collisions by Collision Site and Severity

Figure 3.8

Collision Site	Property Damage	Personal Injury	Fatal	Total	%
Non-Intersection	262	86	6	354	43.1
Intersection - Two Public Roadways	139	40	0	179	21.8
Intersection - Parking Lot, Driveway	116	9	1	126	15.3
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	5	1	0	6	0.7
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	1	0	1	0.1
Other	143	2	0	145	17.7
Unknown	10	0	0	10	1.2
Total	675	139	7	821	100.0

Collisions by Collision Site and Road System

Figure 3.9

Collision Site	NWT Highways	In Communities	Rural	Total	%
Non-Intersection	118	222	14	354	43.1
Intersection - Two Public Roadways	31	148	0	179	21.8
Intersection - Parking Lot, Driveway	10	116	0	126	15.3
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	2	4	0	6	0.7
Tunnel, Underpass	0	0	0	0	0.0
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	1	0	1	0.1
Other	11	134	0	145	17.7
Unknown	2	8	0	10	1.2
Total	174	633	14	821	100.0

Collisions by Roadway Alignment and Severity

Figure 3.10

Road Alignment	Property Damage	Personal Injury	Fatal	Total	%
Straight & Level	470	90	3	563	68.6
Straight with Grade	57	6	0	63	7.7
Curved and Level	87	24	2	113	13.8
Curve with Grade	38	10	2	50	6.1
Top of Hill or Grade	12	9	0	21	2.6
Bottom of Hill or Grade	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	11	0	0	11	1.3
Total	675	139	7	821	100.0

Collisions by Roadway Type and Severity

Figure 3.11

Road Type	Property Damage	Personal Injury	Fatal	Total	%
One-Way, Two Lane	7	0	0	7	0.9
One-Way, Multi Lane	0	0	0	0	0.0
Undivided, Two-Way, Two Lane	485	130	7	622	75.8
Undivided, Two-Way, Multi Lane	0	0	0	0	0.0
Divided, Barrier Median	18	6	0	24	2.9
Divided with Median, No Barrier	0	0	0	0	0.0
Divided, Divider Unspecified	3	0	0	3	0.4
Other	152	3	0	155	18.9
Unknown	10	0	0	10	1.2
Total	675	139	7	821	100.0

Collision Sequence of Events by Severity

Figure 3.12

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	5	0	0	5	0.6
Hit Ditch	3	0	0	3	0.4
Hit Embankment, Dirt Pile, Rock	8	3	0	11	1.3
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	3	1	0	4	0.5
Hit Utility Pole, Lamp Pole	18	5	0	23	2.8
Hit Curb	3	0	0	3	0.4
Hit Post	5	0	0	5	0.6
Hit Traffic Barrier	7	2	0	9	1.1
Hit Fixed Object Part of Road Structure	2	0	0	2	0.2
Hit Fixed Object NOT Part of Road Structure	4	0	0	4	0.5
Hit Other Type Fixed Object	0	0	0	0	0.0
Sub Total Fixed Objects	59	11	0	70	8.5
Moveable Objects					
Another Road Vehicle	508	51	2	561	68.3
Animal	7	0	0	7	0.9
Pedestrian	0	19	0	19	2.3
Other Moveable Object	0	0	0	0	0.0
Sub Total Moveable Objects	515	70	2	587	71.5
Non-Collision Events					
Ran Off Road	47	13	1	61	7.4
Rollover	47	43	4	94	11.4
Jack Knife or Trailer Swing	0	0	0	0	0.0
Fire or Explosion	3	0	0	3	0.4
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	1	0	0	1	0.1
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	98	56	5	159	19.4
Other/Unknown Event	3	2	0	5	0.6
Grand Total	675	139	7	821	100.0

Collision Sequence of Events by Road System

Figure 3.13

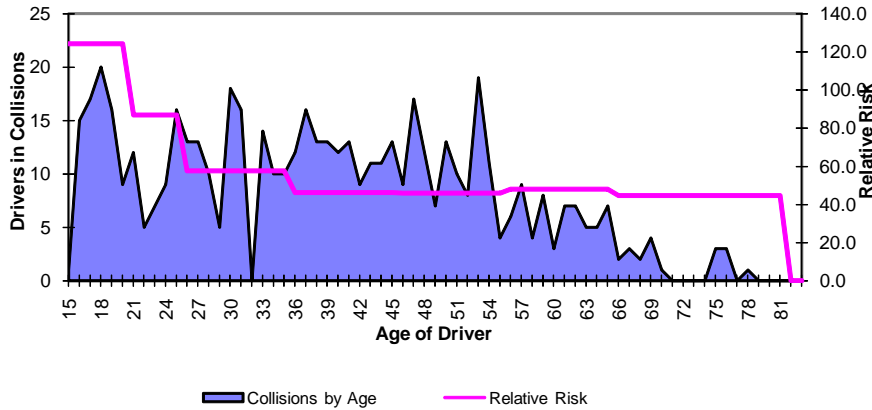
	NWT			Total	%
	Highways	In Communities	Rural		
Non-Moving Objects					
Hit Parked Trailer	0	0	0	0	0.0
Hit Non-Fixed Object	0	1	0	1	0.1
Hit Building	0	5	0	5	0.6
Hit Ditch	0	3	0	3	0.4
Hit Embankment, Dirt Pile, Rock	7	4	0	11	1.3
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree, Bush, Hedge	1	3	0	4	0.5
Hit Utility Pole, Lamp Pole	2	21	0	23	2.8
Hit Curb	1	2	0	3	0.4
Hit Post	2	3	0	5	0.6
Hit Traffic Barrier	2	7	0	9	1.1
Hit Fixed Object Part of Road Structure	2	0	0	2	0.2
Hit Fixed Object NOT Part of Road Structure	0	4	0	4	0.5
Hit Other Type Fixed Object	0	0	0	0	0.0
Sub Total Fixed Objects	17	53	0	70	8.5
Moveable Objects					
Another Road Vehicle	77	478	6	561	68.3
Animal	1	5	1	7	0.9
Pedestrian	1	17	1	19	2.3
Other Moveable Object	0	0	0	0	0.0
Sub Total Moveable Objects	79	500	8	587	71.5
Non-Collision Events					
Ran Off Road	24	36	1	61	7.4
Rollover	53	37	4	94	11.4
Jack Knife or Trailer Swing	0	0	0	0	0.0
Fire or Explosion	1	2	0	3	0.4
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	0	1	0	1	0.1
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	78	76	5	159	19.4
Unknown Event	0	4	1	5	0.6
Grand Total	174	633	14	821	100.0

Licensed Drivers and Drivers in Collisions by Driver Age

Figure 4.1

	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	81	966	1,960	6,195	4,910	2,140	919	247	0	17,418
Drivers in Collisions	13	117	170	357	226	98	44	11	126	1,162

Drivers in Collisions and Relative Risk by Driver Age



Collision Rates (Collisions Per 1,000 Licensed Drivers) by Severity and Driver Age

Figure 4.2

	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	86.0	73.0	47.6	38.3	36.0	37.0	40.5	55.2
Personal Injury & Fatal	38.2	13.8	10.0	7.7	9.8	10.9	4.0	11.5
Total	124.2	86.7	57.6	46.0	45.8	47.9	44.5	66.7
Relative Risk*	1.9	1.3	0.9	0.7	0.7	0.7	0.7	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, 12% of 15 to 19 year olds were involved in collisions, compared to 5% of 35 to 44 year olds.

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

Figure 4.3
Number of Drivers Involved in Collisions by Licence Class and Age

Age Group	Class							7	Req'd. Licence	Not Stated	Total
	1	2	3	4	5	6					
Under 16	0	0	0	0	0	0	2	6	5	0	13
16	0	0	0	0	13	0	1	3	1	0	18
17	0	0	0	0	30	0	2	1	0	2	35
18	0	0	1	0	24	0	0	0	2	2	29
19	0	0	0	1	29	0	0	2	2	1	35
20	1	0	1	0	23	0	3	0	5	2	35
21-24	12	1	1	4	93	0	6	2	10	6	135
25-34	43	2	14	31	238	1	4	3	14	7	357
35-44	38	3	18	18	138	0	0	3	4	4	226
45-54	16	2	4	17	53	1	0	2	2	1	98
55-64	7	1	3	4	27	0	0	0	1	1	44
65 and over	1	0	1	0	8	0	0	0	0	1	11
Not Stated	1	0	0	0	4	0	0	1	2	118	126
Drivers in Collisions	119	9	43	75	680	2	18	23	48	145	1,162
Total Licensed Drivers	1,080	146	629	660	14,039	6	858	N/A	N/A	N/A	17,418
Relative Risk*	1.65	0.92	1.02	1.70	0.73	5.00	0.31	N/A	N/A	N/A	1.00

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

Figure 4.4
Number of Drivers Involved in Collisions by Condition and Age

Driver Condition	Age Group											Total	%		
	< 16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64			65+	Not Stated
Apparently Normal	12	17	29	24	29	23	107	296	203	89	40	9	8	886	76.2
Fatigued, Fell Asleep	0	0	0	1	0	0	1	2	0	0	1	1	0	6	0.5
Inexperience	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Under Influence - Alcohol	1	0	4	3	3	9	15	37	9	6	1	0	0	88	7.6
Under Influence - Drugs	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0.3
Sudden Illness, Lost Consciousness	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Other Condition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Unknown	0	1	2	1	3	3	9	22	14	3	2	1	118	179	15.4
Total	13	18	35	29	35	35	135	357	226	98	44	11	126	1,162	
%	1.1	1.5	3.0	2.5	3.0	3.0	11.6	30.7	19.4	8.4	3.8	0.9	10.8		100.0

Number of Drivers Involved in Collisions by Driver Action and Age

Figure 4.5

Driver Action	<16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Driving Properly	0	4	12	9	13	13	39	107	89	40	15	4	5	350	30.3
Following Too Closely	0	1	5	3	2	1	10	13	13	6	0	1	1	56	4.8
Distracted, Inattentive	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Driving Too Fast	0	2	4	6	3	9	13	42	12	1	1	1	1	95	8.2
Improper Turning or Passing	1	0	0	1	2	0	3	8	9	2	2	1	0	29	2.5
Failing to Yield Right of Way	4	4	1	2	1	1	11	34	21	9	6	1	0	95	8.2
Disobeying Traffic Control/Officer	1	0	0	0	0	1	0	1	0	1	2	0	0	6	0.5
Driving on Wrong Side of Road	0	0	0	1	1	0	1	4	3	0	1	0	0	11	1.0
Driving in Wrong Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Backing Unsafely	2	2	5	4	5	4	20	50	28	10	8	1	5	144	12.5
Lost Control	4	4	8	3	6	5	30	89	41	25	8	2	2	227	19.6
Other Driver Action	1	1	0	0	2	0	5	6	8	1	1	0	0	25	2.2
Unknown	0	0	0	0	0	1	3	2	0	0	0	0	112	118	10.2
Total	13	18	35	29	35	35	135	356	224	95	44	11	126	1,156	
%	1.1	1.6	3.0	2.5	3.0	3.0	11.7	30.8	19.4	8.2	3.8	1.0	10.9		100.0

Number of Vehicles in Collisions by Vehicle Type and Severity

Figure 5.1

Vehicle Type	Property Damage	Personal Injury	Fatal	Total	%
Passenger Car	409	71	3	483	34.5
Passenger Van	80	12	0	92	6.6
Light Utility Vehicle	0	0	0	0	0.0
Pickup Truck	519	74	3	596	42.6
Panel/Cargo Van	0	0	0	0	0.0
Other Truck/Van <= 4536 kg	0	0	0	0	0.0
Unit Truck > 4536 kg	25	3	0	28	2.0
Road Tractor	32	4	3	39	2.8
School Bus	4	0	0	4	0.3
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	1	0	0	1	0.1
Intercity Bus	1	0	0	1	0.1
Bus - Unspecified	1	0	0	1	0.1
Motorcycle	2	7	0	9	0.6
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	0	3	0	3	0.2
Bicycle	0	5	0	5	0.4
Motor Home	1	0	0	1	0.1
Farm Equipment	0	0	0	0	0.0
Construction Equipment	7	0	0	7	0.5
Fire Engine	0	0	0	0	0.0
Snowmobile	5	12	1	18	1.3
Streetcar	0	0	0	0	0.0
Other	0	1	0	1	0.1
Unknown	110	0	0	110	7.9
Total	1197	192	10	1399	100.0

Number of Vehicles in Collisions by Vehicle Condition and Severity

Figure 5.2

Vehicle Condition	Property Damage	Personal Injury	Fatal	Total	%
No Apparent Defect	1015	186	7	1208	86.3
Defective Brakes	4	0	0	4	0.3
Defective Steering	0	1	0	1	0.1
Defective Lighting	5	0	0	5	0.4
Tire Blown Out	2	1	1	4	0.3
Unsecured Load, Spilled Load	2	0	0	2	0.1
Oversized Load, Overload	3	0	0	3	0.2
Visibility Obstructed	11	0	0	11	0.8
Other Defective Vehicular Parts	20	2	0	22	1.6
Other Vehicular Factor	0	0	0	0	0.0
Unknown	135	2	2	139	9.9
Total	1197	192	10	1399	100.0

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 5.3

Vehicle Manoeuvre	Property Damage	Personal Injury	Fatal	Total	%
Going Straight Ahead	438	149	9	596	42.6
Turning Left	60	21	0	81	5.8
Turning Right	47	2	0	49	3.5
Making U-Turn	6	0	0	6	0.4
Changing Lanes	7	0	0	7	0.5
Merging	0	0	0	0	0.0
Reversing	148	3	0	151	10.8
Overtaking	14	2	0	16	1.1
Negotiating Curve	0	0	0	0	0.0
Slowing or Stopped in Traffic	81	8	0	89	6.4
Starting in Traffic	2	0	0	2	0.1
Leaving Roadside	10	2	0	12	0.9
Stopped/Parked Legally	242	3	0	245	17.5
Stopped/Parked Illegally	10	0	1	11	0.8
Swerving to Avoid Collision	10	2	0	12	0.9
Run-away or Roll-away Vehicle	13	0	0	13	0.9
Unspecified Manoeuvre	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	109	0	0	109	7.8
Total	1197	192	10	1399	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

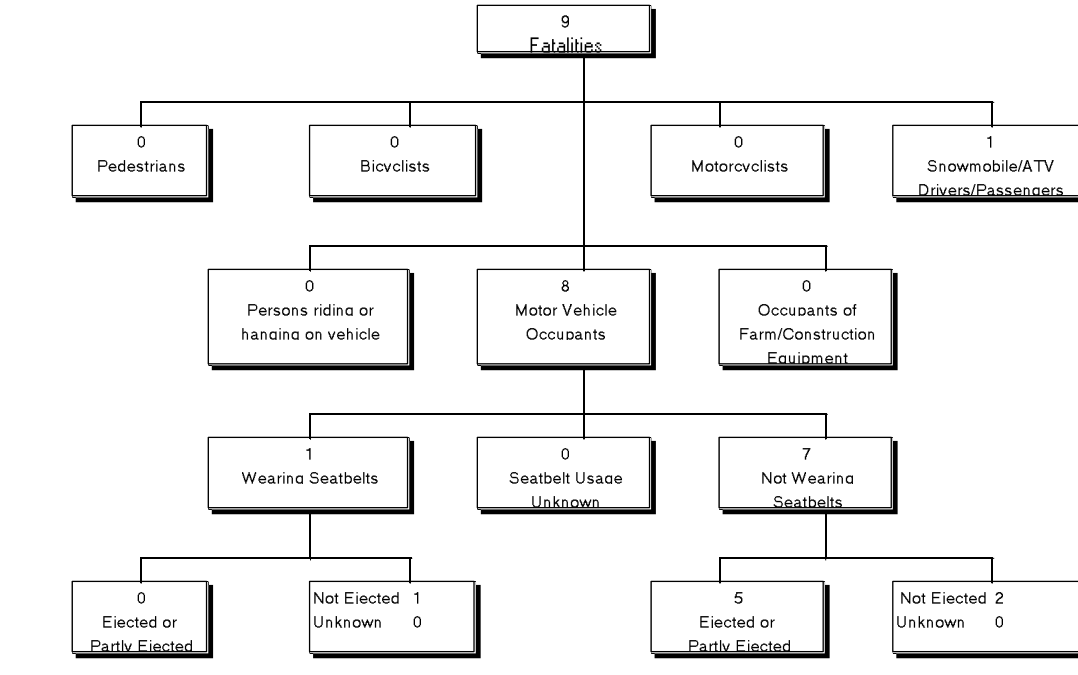
Figure 5.4

Model Year	Property Damage	Personal Injury	Fatal	Total	%
1991	6	1	0	7	0.5
1990	73	13	1	87	6.2
1989	174	24	2	200	14.3
1988	130	20	1	151	10.8
1987	79	15	1	95	6.8
1986	98	19	1	118	8.4
1985	81	11	0	92	6.6
1984	61	9	0	70	5.0
1983	46	8	0	54	3.9
1982	35	7	0	42	3.0
1981	48	13	0	61	4.4
1980	64	13	0	77	5.5
1979 & Older	166	28	3	197	14.1
Unspecified	136	11	1	148	10.6
Total	1197	192	10	1399	100.0

Victims and Occupant Restraints – Section 6

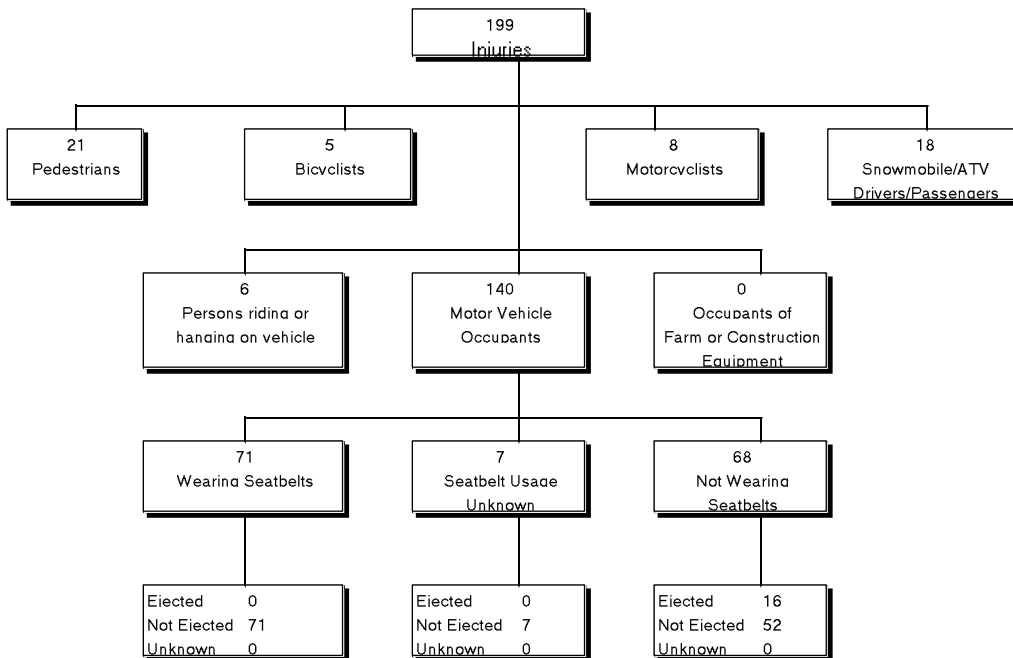
Fatalities Classification
(January 1 to December 31, 1990)

Figure 6.1



Injuries Classification
(January 1 to December 31, 1990)

Figure 6.2



Victims and Occupant Restraints – Section 6

Persons Injured by Road User Class and Age Group

Figure 6.3

Road User Class	0	5	15	20	25	35	45	55	65	Not	Total	%
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated		
Motor Vehicle Driver	0	0	11	12	31	11	5	8	1	0	79	39.9
Motor Vehicle Passenger	2	7	18	10	10	8	2	2	4	4	67	33.8
Pedestrian	1	8	3	3	3	2	0	1	0	0	21	10.6
Bicyclist	0	1	3	0	1	0	0	0	0	0	5	2.5
Motorcyclist (includes passengers)	0	0	4	0	2	1	0	1	0	0	8	4.0
ATV Operators & Passengers	0	0	1	1	2	0	0	0	0	0	4	2.0
Snowmobile Operators & Passengers	0	4	4	3	1	2	0	0	0	0	14	7.1
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	3	20	44	29	50	24	7	12	5	4	198	100.0

Persons Killed by Road User Class and Age Group

Figure 6.4

Road User Class	0	5	15	20	25	35	45	55	65	Not	Total	%
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated		
Motor Vehicle Driver	0	0	0	0	4	0	1	0	0	0	5	55.6
Motor Vehicle Passenger	0	2	0	0	0	0	0	1	0	0	3	33.3
Pedestrian	0	0	0	0	0	0	0	0	0	0	0	0.0
Bicyclist	0	0	0	0	0	0	0	0	0	0	0	0.0
Motorcyclist (includes passengers)	0	0	0	0	0	0	0	0	0	0	0	0.0
ATV Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Snowmobile Operators & Passengers	0	0	0	0	1	0	0	0	0	0	1	11.1
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	0	5	0	1	1	0	0	9	100.0

Persons Injured or Killed by Road User Class and Gender

Figure 6.5

Road User Class	Persons Injured				Person Killed			
	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Motor Vehicle Driver	53	26	0	79	3	2	0	5
Motor Vehicle Passenger	42	25	0	67	0	3	0	3
Pedestrian	13	8	0	21	0	0	0	0
Bicyclist	3	2	0	5	0	0	0	0
Motorcyclist (includes passengers)	8	0	0	8	0	0	0	0
ATV Operators & Passengers	3	1	0	4	0	0	0	0
Snowmobile Operators & Passengers	9	5	0	14	1	0	0	1
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	131	67	0	198	4	5	0	9

Victims and Occupant Restraints – Section 6

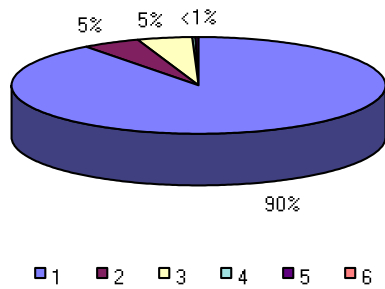
Motor Vehicle* Occupants by Injury Severity and Restraint Use

Figure 6.6

Injury Severity	Restraint Use					Total	%
	Not Restrained	Lap Belt Only	Lap & Torso Belt	Child Restraint Device	Unknown		
Not Injured	396	81	561	1	563	1602	91.2
Minimal Injuries	24	4	32	0	4	64	3.6
Minor Injuries	37	3	31	0	1	72	4.1
Major (Hospital Admission)	7	0	2	0	1	10	0.6
Fatal	7	0	1	0	0	8	0.5
Injured - Extent Unknown	0	0	0	0	1	1	0.1
Total	471	88	627	1	570	1757	100.0

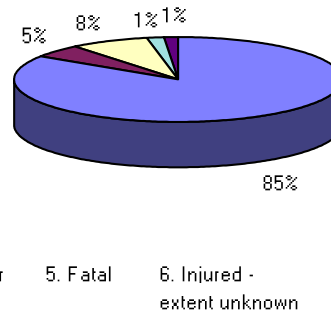
* Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Restraints Used



Restraints Not Used

Figure 6.7



■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6

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

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

Victims and Occupant Restraints – Section 6

Motor Vehicle* Occupants by Injury Severity & Age Group

Figure 6.8

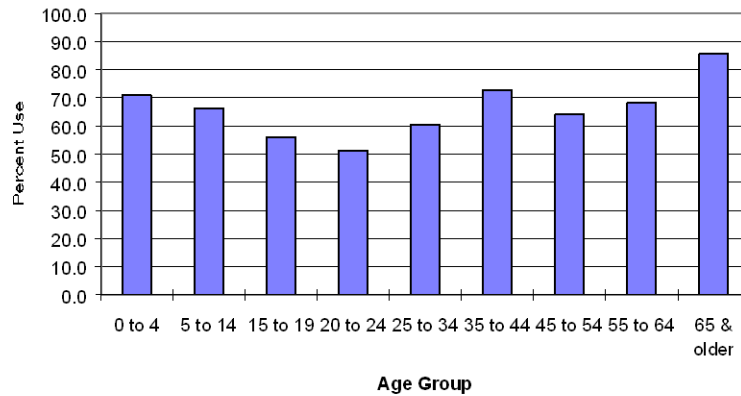
Restraints Used											
Injury Severity	0 to 4	5 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 & older	Not Stated	Total
Not Injured	21	36	83	91	189	130	46	24	9	14	643
Minimal Injuries	1	2	7	5	5	6	4	4	1	1	36
Minor Injuries	0	1	4	4	12	7	2	2	2	0	34
Major (Hospital Admission)	0	0	0	0	1	1	0	0	0	0	2
Fatal	0	0	0	0	1	0	0	0	0	0	1
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	22	39	94	100	208	144	52	30	12	15	716

Restraints Not Used											
Injury Severity	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
Not Injured	8	14	57	82	113	49	27	10	1	35	396
Minimal Injuries	1	4	6	2	8	1	0	1	0	1	24
Minor Injuries	0	0	8	10	11	2	1	2	1	2	37
Major (Hospital Admission)	0	0	3	1	1	2	0	0	0	0	7
Fatal	0	2	0	0	3	0	1	1	0	0	7
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	9	20	74	95	136	54	29	14	2	38	471

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

Victim Restraint Use Rate by Victim Age

Figure 6.9



Pedestrians Injured or Killed by Age Group

Figure 7.1

	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	8	3	3	3	2	0	1	0	0	0	21	100.0
Killed	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	8	3	3	3	2	0	1	0	0	0	21	
%	4.8	38.1	14.3	14.3	14.3	9.5	0.0	4.8	0.0	0.0	0.0	100.0	100.0

Pedestrians Injured or Killed by Pedestrian Action and Age Group

Figure 7.2

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	0	0	1	0	0	0	1	4.8
Crossing Intersection With Traffic Control. Without Right-of-Way	0	1	0	1	0	0	0	0	0	0	0	2	9.5
Crossing Intersection - No Traffic Control	0	1	0	0	1	0	0	0	0	0	0	2	9.5
Crossing Roadway at Crosswalk	0	0	0	0	0	1	0	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	2	0	0	0	0	0	0	0	0	2	9.5
Walking Along Roadway With Traffic	0	0	0	2	1	1	0	0	0	0	0	4	19.0
On Sidewalk, Median, Safety Zone	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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	4.8
Coming from Behind Moving Vehicle	0	1	0	0	0	0	0	0	0	0	0	1	4.8
Running into Roadway	1	2	1	0	0	0	0	0	0	0	0	4	19.0
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	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
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	1	0	0	0	0	0	0	0	0	0	1	4.8
Other	0	0	0	0	1	0	0	0	0	0	0	1	4.8
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	1	8	3	3	3	2	0	1	0	0	0	21	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 7.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	20	20	95.2
Rural	0	1	1	4.8
Unspecified	0	0	0	0.0
Total	0	21	21	100.0

Pedestrians Injured or Killed by Accident Site

Figure 7.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	11	11	52.4
At Intersection of At Least Two Roadways	0	4	4	19.0
Intersection With Parking Lot/Driveway/Alley	0	3	3	14.3
Railroad Level Crossing	0	0	0	0.0
Bridge/Overpass/Viaduct	0	2	2	9.5
Tunnel or Underpass	0	0	0	0.0
Passing Lane/Climbing Lane	0	0	0	0.0
Other	0	1	1	4.8
Unspecified	0	0	0	0.0
Total	0	21	21	100.0

Pedestrians Injured or Killed by Pedestrian Condition

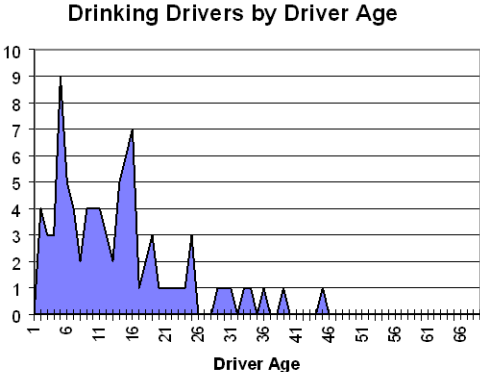
Figure 7.5

Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	17	17	81.0
Fatigued, Fell Asleep	0	0	0	0.0
Inexperience	0	0	0	0.0
Under Influence - Alcohol	0	2	2	9.5
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

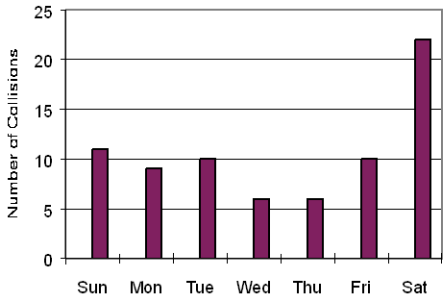
Figure 8.1

Driver Age	Male	Female	Not Stated	Total Drinking Drivers
Under 16	1	0	0	1
16	0	0	0	0
17	3	1	0	4
18	3	0	0	3
19	2	1	0	3
20	7	2	0	9
21 to 24	10	5	0	15
25 to 34	35	2	0	37
35 to 44	7	2	0	9
45 to 54	5	1	0	6
55 to 64	1	0	0	1
65 & Older	0	0	0	0
Not Stated	0	0	0	0
Total	74	14	0	88



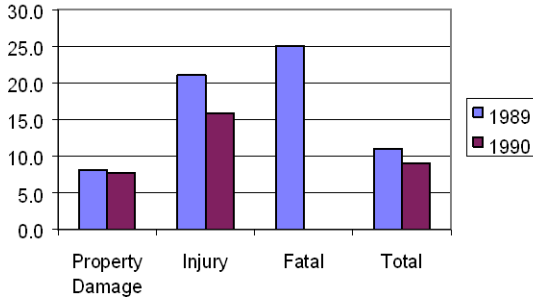
Collisions Involving Alcohol by Day of Week

Figure 8.2



Percentage of Collisions Involving Alcohol by Year and Severity

Figure 8.3



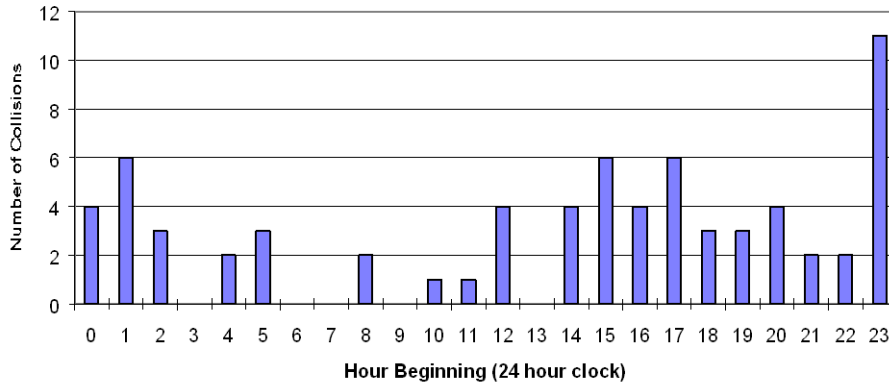
Number of Collisions and Victims Involving Alcohol

Figure 8.4

Year	Number of Collisions				% of Total Collisions	Number of Victims			
	Property Damage	Personal Injury	Fatal	Total		Injured	Killed	Total	% of Total Victims
1989	56	38	2	96	10.9	63	2	65	24.0
1990	52	22	0	74	9.0	36	0	36	17.3
Average	54	30	1	85	10	50	1	51	20.6

Number of Alcohol Related Collisions by Time of Day

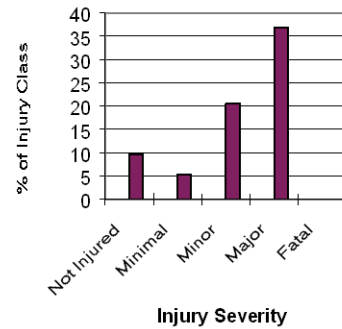
Figure 8.5



Injury Severity by Alcohol Involvement

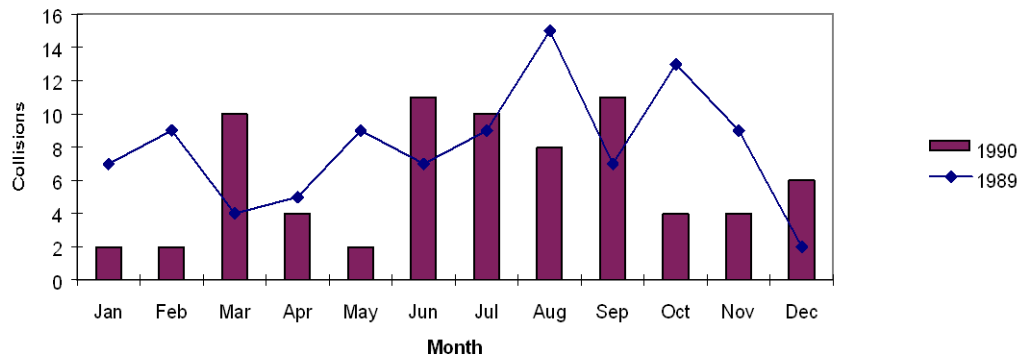
Figure 8.6

Injury Severity	Alcohol Involvement		Totals	% with Alcohol
	Yes	No		
Not Injured	155	1,468	1623	9.6
Minimal Injuries	4	71	75	5.3
Minor	20	77	97	20.6
Major	7	12	19	36.8
Fatal	0	9	9	0.0
Injured - Extent Unknown	0	8	8	0.0
Total	186	1645	1831	10.2



Alcohol-Involved Collisions by Month

Figure 8.7



Off-Road Vehicle Collisions by Month and Severity

Figure 9.1

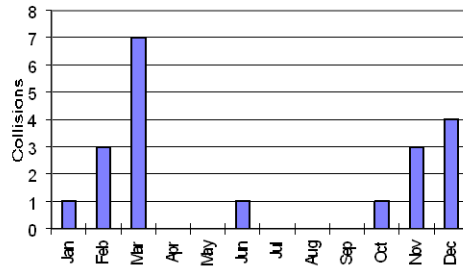
Month	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
January	1	0	0	1	0	0
February	1	2	0	3	2	0
March	2	5	0	7	7	0
April	0	0	0	0	0	0
May	0	0	0	0	0	0
June	0	1	0	1	2	0
July	0	0	0	0	0	0
August	0	0	0	0	0	0
September	0	0	0	0	0	0
October	1	0	0	1	0	0
November	3	0	0	3	0	0
December	3	1	0	4	1	0
Total	11	9	0	20	12	0

Off-Road Vehicle Collisions by Vehicle Type

Figure 9.2

	Snowmobile	ATV	Total
Total Victims	15	4	19
Killed	1	0	1
Injured	14	4	18
Total Vehicles Involved	18	3	21
Fatal	1	0	1
Injury	12	3	15
Property Damage	5	0	5

Off-Road Vehicle Collisions by Month



Off-Road Vehicle Drivers in Collisions by Driver Age and Gender

Figure 9.3

Age Group	Snowmobile			ATV			Total	%
	Male	Female	Unknown	Male	Female	Unknown		
0 to 4	0	0	0	0	0	0	0	0.0
5 to 14	2	0	0	0	0	0	2	9.5
15 to 19	3	3	0	1	0	0	7	33.3
20 to 24	2	0	0	0	0	0	2	9.5
25 to 34	2	0	0	2	0	0	4	19.0
35 to 44	2	1	0	0	0	0	3	14.3
45 to 54	2	0	0	0	0	0	2	9.5
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	0	0	0	0	0	0	0	0.0
Unknown	1	0	0	0	0	0	1	4.8
Total	14	4	0	3	0	0	21	100.0

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

Figure 9.4

Driver Condition	Property Damage	Personal Injury	Fatal	Total	%
Apparently Normal	4	7	0	11	52.4
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	0	0	0	0	0.0
Under Influence - Alcohol	1	8	1	10	47.6
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	0	0	0	0.0
Total	5	15	1	21	100.0

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

Figure 9.5

Driver Action	Property Damage	Personal Injury	Fatal	Total	%
Driving Properly	2	1	0	3	14.3
Following Too Closely	0	0	0	0	0.0
Distracted, Inattentive	0	0	0	0	0.0
Driving Too Fast for Conditions	0	1	1	2	9.5
Improper Turning or Passing	0	0	0	0	0.0
Failed to Yield Right-of-Way	2	3	0	5	23.8
Disobeyed Traffic Control or Officer	0	1	0	1	4.8
Driving on Wrong Side of Road	0	2	0	2	9.5
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	0	0	0	0	0.0
Lost Control	1	7	0	8	38.1
Other	0	0	0	0	0.0
Unknown	0	0	0	0	0.0
Total	5	15	1	21	100.0

Off-Road Vehicle Occupants by Injury Severity and Helmet Use

Figure 9.6

Injury Severity	Helmet Worn	Helmet Not Worn	Unknown	Total	%
Not Injured	2	6	3	11	37.9
Minimal Injuries	1	2	0	3	10.3
Minor Injuries	2	7	0	9	31.0
Major (Hospital Admission)	0	4	0	4	13.8
Fatal	0	1	0	1	3.4
Injured - Extent Unknown	0	0	1	1	3.4
Total	5	20	4	29	100.0

Collisions by Region, RCMP Detachment and Severity

Figure 10.1

A - Inuvik Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Aklavik	1	3	0	4	6	0
Deline	0	0	0	0	0	0
Fort Good Hope	4	0	0	4	0	0
Fort McPherson	13	4	0	17	6	0
Holman	0	0	0	0	0	0
Inuvik	82	19	0	101	29	0
Norman Wells	3	2	0	5	2	0
Sachs Harbour	1	0	0	1	0	0
Tuktoyaktuk	11	10	0	21	12	0
Tulita	4	2	0	6	6	0
Sub Total						
Inuvik Region	119	40	0	159	61	0

B - Fort Simpson Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Fort Liard	6	3	0	9	7	0
Fort Simpson	28	3	1	32	10	1
Sub Total						
Fort Simpson Region	34	6	1	41	17	1

C - South Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Hay River	85	12	2	99	17	2
Fort Providence	19	13	0	32	19	0
Fort Resolution	1	1	0	2	2	0
Fort Smith	41	14	0	55	17	0
Lutsel K'e	0	1	0	1	1	0
Sub Total						
South Slave Region	146	41	2	189	56	2

D - North Slave Region

RCMP Detachment	Number of Collisions				Number of Victims	
	Property Damage	Personal Injury	Fatal	Total	Injured	Killed
Rae/Wha Ti	25	7	1	33	12	1
Yellowknife	351	45	3	399	53	5
Sub Total						
North Slave Region	376	52	4	432	65	6

Total - All Regions	675	139	7	821	199	9
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Geographic Distribution – Section 10

Collision Rates by Region and RCMP Detachment

Figure 10.2

A - Inuvik Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1990 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Aklavik	4	175	97	854	2.29	4.12	0.47
Deline	0	0	43	595	0.00	0.00	0.00
Fort Good Hope	4	92	80	687	4.35	5.00	0.58
Fort McPherson	17	163	154	971	10.43	11.04	1.75
Ulukhaktok	0	41	84	339	0.00	0.00	0.00
Inuvik	101	1,587	1,865	3,793	6.36	5.42	2.66
Norman Wells	5	371	615	702	1.35	0.81	0.71
Sachs Harbour	1	26	31	177	3.85	3.23	0.56
Tuktoyaktuk	21	325	286	1,256	6.46	7.34	1.67
Tulita	6	0	74	372	0.00	8.11	1.61
Sub Total							
Inuvik Region	159	2,780	3,329	9,746	5.72	4.78	1.63

B - Fort Simpson Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1990 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Fort Liard	9	132	145	442	6.82	6.21	2.04
Fort Simpson	32	564	685	1,777	5.67	4.67	1.80
Sub Total							
Fort Simpson Region	41	696	830	2,219	5.89	4.94	1.85

C - South Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1990 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Hay River	99	2,255	3,801	3,991	4.39	2.60	2.48
Fort Providence	32	194	208	658	16.49	15.38	4.86
Fort Resolution	2	178	176	500	1.12	1.14	0.40
Fort Smith	55	1,260	1,460	2,769	4.37	3.77	1.99
Lutsel K'e	1	2	29	318	50.00	3.45	0.31
Sub Total							
South Slave Region	189	3,889	5,674	8,236	4.86	3.33	2.29

D - North Slave Region

RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (1990 estimate [2])	Collision Rates		
					Collisions/100 Licensed Drivers	Collisions/100 Registered Vehicles	Collisions/100 Population
Behchoko/Whati	33	34	355	2,471	97.06	9.30	1.34
Yellowknife	399	10,019	10,605	13,300	3.98	3.76	3.00
Sub Total							
North Slave Region	432	10,053	10,960	15,771	4.30	3.94	2.74

Total - All Regions	821	17,418	20,793	38,200	4.71	3.95	2.15
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[1] Number of registered vehicles and licensed drivers are as of December 31, 1990.

[2] 1990 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 1991.

Geographic Distribution – Section 10

Collisions on the NWT Highway System

Figure 10.3

Highway #1 (Mackenzie)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	1.0	4-Jul-1990	Injury	Single Vehicle Rollover	4	0
	2.9	14-Oct-1990	Property Damage	Single Vehicle Rollover	0	0
	10.0	18-Sep-1990	Property Damage	Animal Strike	0	0
	10.0	13-Oct-1990	Property Damage	Collision with Fixed Object	0	0
	16.4	16-May-1990	Property Damage	Collision with Fixed Object	0	0
	37.0	23-Jun-1990	Property Damage	Single Vehicle Rollover	0	0
	60.0	1-Feb-1990	Property Damage	Left Turn Across Path	0	0
	67.0	9-Oct-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	86.0	30-Aug-1990	Property Damage	Single Vehicle Rollover	0	0
	93.0	19-Oct-1990	Property Damage	Single Vehicle Rollover	0	0
	106.0	19-Jan-1990	Property Damage	Sideswipe - Opposite Direction	0	0
	126.0	15-Jul-1990	Injury	Single Vehicle Rollover	2	0
	155.0	12-Jul-1990	Injury	Single Vehicle Rollover	1	0
	157.0	23-Feb-1990	Property Damage	Collision with Fixed Object	0	0
	167.0	10-Mar-1990	Property Damage	Collision with Fixed Object	0	0
	183.0	11-Feb-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	183.0	16-Jun-1990	Injury	Single Vehicle Rollover	1	0
	189.0	21-Jan-1990	Injury	Single Vehicle Rollover	1	0
	211.0	24-Feb-1990	Injury	Single Vehicle Rollover	2	0
	262.0	3-Dec-1990	Property Damage	Ran Off Road	0	0
	351.0	16-Jul-1990	Fatal	Single Vehicle Rollover	7	1
	394.0	1-Jan-1995	Property Damage	Animal Strike	0	0
	442.0	25-Jan-1990	Property Damage	Collision with Fixed Object	0	0
	443.0	9-Oct-1990	Property Damage	Ran Off Road	0	0
	456.0	10-Dec-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	467.0	18-Mar-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	471.0	19-Aug-1990	Property Damage	Single Vehicle Rollover	0	0
Summary Highway #1	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	20	6	1	27	18	1
Highway #2 (Hay River)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	2.0	14-Jan-1990	Injury	Ran Off Road	1	0
	12.0	22-Apr-1990	Fatal	Single Vehicle Rollover	0	1
	14.0	3-Sep-1990	Injury	Single Vehicle Rollover	2	0
	15.0	29-Apr-1990	Property Damage	Single Vehicle Rollover	0	0
	21.0	12-Oct-1990	Property Damage	Ran Off Road	0	0
	21.0	17-Dec-1990	Property Damage	Collision with Parked Vehicle	0	0
	23.0	10-Aug-1990	Injury	Ran Off Road	1	0
	29.0	24-Sep-1990	Property Damage	Single Vehicle Rollover	0	0
	29.0	25-Sep-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	32.0	9-Sep-1990	Property Damage	Single Vehicle Rollover	0	0
	33.0	14-Oct-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	36.1	26-Dec-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	38.0	8-Dec-1990	Property Damage	Rear End	0	0
	38.3	16-Dec-1990	Injury	Right Angle	1	0
	38.8	4-Nov-1990	Property Damage	Collision with Fixed Object	0	0
	40.0	28-Jun-1990	Property Damage	Collision with Fixed Object	0	0
	40.0	11-Jul-1990	Injury	Left Turn Across Path	1	0
	41.0	2-Jun-1990	Property Damage	Rear End	0	0
	41.0	9-Jul-1990	Property Damage	Ran Off Road	0	0
	42.0	15-Jun-1990	Property Damage	Collision with Parked Vehicle	0	0
	44.0	11-Nov-1990	Property Damage	Collision with Fixed Object	0	0
Summary Highway #2	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	15	5	1	21	6	1

Geographic Distribution – Section 10

Highway #3 (Yellowknife)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	1.0	28-Feb-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	6.0	28-Jul-1990	Injury	Single Vehicle Rollover	1	0
	10.0	14-Oct-1990	Injury	Ran Off Road	2	0
	15.0	26-Jun-1990	Injury	Single Vehicle Rollover	2	0
	23.0	12-Sep-1990	Property Damage	Ran Off Road	0	0
	32.0	14-Jan-1990	Property Damage	Single Vehicle Rollover	0	0
	36.0	8-Mar-1990	Property Damage	Collision with Fixed Object	0	0
	74.0	12-Oct-1990	Injury	Single Vehicle Rollover	1	0
	76.0	27-Oct-1990	Property Damage	Animal Strike	0	0
	101.0	15-Oct-1990	Injury	Single Vehicle Rollover	3	0
	109.0	3-Dec-1990	Property Damage	Ran Off Road	0	0
	134.0	18-Jul-1990	Injury	Head-on	1	0
	137.0	10-Mar-1990	Property Damage	Collision with Fixed Object	0	0
	148.0	27-Feb-1990	Property Damage	Collision with Fixed Object	0	0
	148.0	27-Jun-1990	Injury	Single Vehicle Rollover	2	0
	150.0	6-Aug-1990	Injury	Single Vehicle Rollover	1	0
	150.0	4-Oct-1990	Injury	Single Vehicle Rollover	1	0
	163.0	19-Jun-1990	Injury	Single Vehicle Rollover	2	0
	167.0	24-Jul-1990	Fatal	Single Vehicle Rollover	2	1
	167.0	28-Jul-1990	Property Damage	Single Vehicle Rollover	0	0
	176.0	19-May-1990	Property Damage	Single Vehicle Rollover	0	0
	183.0	2-Jul-1990	Property Damage	Single Vehicle Rollover	0	0
	198.0	26-Apr-1990	Injury	Single Vehicle Rollover	1	0
	217.0	10-Mar-1990	Property Damage	Collision with Fixed Object	0	0
	224.0	6-Jun-1990	Property Damage	Collision with Fixed Object	0	0
	225.0	14-Mar-1990	Property Damage	Ran Off Road	0	0
	226.0	8-Dec-1990	Property Damage	Rear End	0	0
	227.0	26-Feb-1990	Property Damage	Single Vehicle Rollover	0	0
	231.0	3-Jun-1990	Property Damage	Single Vehicle Rollover	0	0
	248.0	26-Oct-1990	Property Damage	Animal Strike	0	0
	254.0	4-Jul-1990	Property Damage	Ran Off Road	0	0
	256.0	21-Jan-1990	Property Damage	Collision with Fixed Object	0	0
	265.0	17-Oct-1990	Property Damage	Single Vehicle Rollover	0	0
	288.0	6-Nov-1990	Property Damage	Ran Off Road	0	0
	289.0	31-Jul-1990	Property Damage	Single Vehicle Rollover	0	0
	290.0	1-Oct-1990	Property Damage	Collision with Fixed Object	0	0
	294.0	30-Aug-1990	Property Damage	Ran Off Road	0	0
	296.0	14-Sep-1990	Property Damage	Ran Off Road	0	0
	296.0	10-Nov-1990	Property Damage	Single Vehicle Rollover	0	0
	298.0	22-Jul-1990	Injury	Collision with Fixed Object	1	0
	300.0	2-Nov-1990	Property Damage	Single Vehicle Rollover	0	0
	304.0	31-Mar-1990	Property Damage	Single Vehicle Rollover	0	0
	307.0	2-Sep-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	322.0	9-Jan-1990	Fatal	Other Multi-Vehicle Collision	1	1
	322.0	18-Oct-1990	Fatal	Ran Off Road	0	3
	328.0	21-Oct-1990	Injury	Single Vehicle Rollover	1	0
	330.0	8-Sep-1990	Property Damage	Other Single Vehicle Collision	0	0
	333.0	29-Oct-1990	Property Damage	Ran Off Road	0	0
	334.0	30-Oct-1990	Property Damage	Collision with Fixed Object	0	0
	334.0	27-Dec-1990	Property Damage	Single Vehicle Rollover	0	0
	334.0	27-Dec-1990	Property Damage	Ran Off Road	0	0
	335.0	23-Jul-1990	Property Damage	Collision with Fixed Object	0	0
	335.0	17-Nov-1990	Property Damage	Collision with Fixed Object	0	0
	336.0	18-Jan-1990	Property Damage	Collision with Fixed Object	0	0
	336.0	24-Mar-1990	Property Damage	Passing - Left Turn	0	0
	336.0	28-Nov-1990	Property Damage	Collision with Fixed Object	0	0
	336.7	23-Jun-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	338.8	12-Aug-1990	Property Damage	Ran Off Road	0	0
	338.8	8-Dec-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	338.8	9-Dec-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	338.8	17-Dec-1990	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
	45	13	3	61	22	5

Geographic Distribution – Section 10

Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	0.0	2-Feb-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	2.0	2-Sep-1990	Property Damage	Single Vehicle Rollover	0	0
	3.0	24-Jan-1990	Property Damage	Single Vehicle Rollover	0	0
	3.0	27-Aug-1990	Injury	Collision with Fixed Object	2	0
	3.1	30-Nov-1990	Property Damage	Right Angle	0	0
	5.0	8-Jan-1990	Property Damage	Single Vehicle Rollover	0	0
	7.5	13-Mar-1990	Property Damage	Collision with Fixed Object	0	0
	7.5	13-Mar-1990	Property Damage	Collision with Fixed Object	0	0
	21.0	23-Dec-1990	Property Damage	Sideswipe - Opposite Direction	0	0
	25.0	5-Mar-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	36.0	5-Mar-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	49.0	3-Jul-1990	Property Damage	Single Vehicle Rollover	0	0
	50.0	6-Aug-1990	Injury	Single Vehicle Rollover	1	0

Summary Highway #4	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	11	2	0	13	3	0

Highway #5 (Fort Smith Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	5.0	7-Feb-1990	Injury	Single Vehicle Rollover	1	0
	35.0	25-Oct-1990	Property Damage	Rear End	0	0
	46.0	11-Oct-1990	Property Damage	Collision with Fixed Object	0	0
	54.0	11-Feb-1990	Property Damage	Single Vehicle Rollover	0	0
	62.0	26-Aug-1990	Property Damage	Animal Strike	0	0
	100.0	19-Jun-1990	Injury	Animal Strike	1	0
	110.0	13-Aug-1990	Property Damage	Single Vehicle Rollover	0	0
	135.0	8-Oct-1990	Property Damage	Animal Strike	0	0
	157.0	22-Feb-1990	Property Damage	Collision with Fixed Object	0	0
	157.0	15-Dec-1990	Injury	Rear End	2	0
	187.0	2-Sep-1990	Injury	Ran Off Road	1	0
	207.0	30-Jul-1990	Injury	Single Vehicle Rollover	2	0
	255.0	7-Jan-1990	Property Damage	Collision with Fixed Object	0	0
	264.0	9-Jan-1990	Property Damage	Collision with Fixed Object	0	0
	266.0	23-Jun-1990	Property Damage	Animal Strike	0	0
	266.0	12-Sep-1990	Injury	Ran Off Road	1	0

Summary Highway #5	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	10	6	0	16	8	0

Highway #6 (Fort Resolution Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
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Summary Highway #6	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	0	0	0	0	0	0

Geographic Distribution – Section 10

Highway #7 (Liard Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	63.0	27-Sep-1990	Property Damage	Ran Off Road	0	0
	84.0	1-Mar-1990	Property Damage	Single Vehicle Rollover	0	0
	87.0	21-Mar-1990	Injury	Collision with Fixed Object	1	0
	98.0	8-Sep-1990	Property Damage	Collision with Parked Vehicle	0	0
	122.0	17-Mar-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	130.0	21-Sep-1990	Injury	Single Vehicle Rollover	1	0
	195.0	17-Oct-1990	Injury	Single Vehicle Rollover	4	0
	220.0	8-Sep-1990	Injury	Collision with Fixed Object	1	0

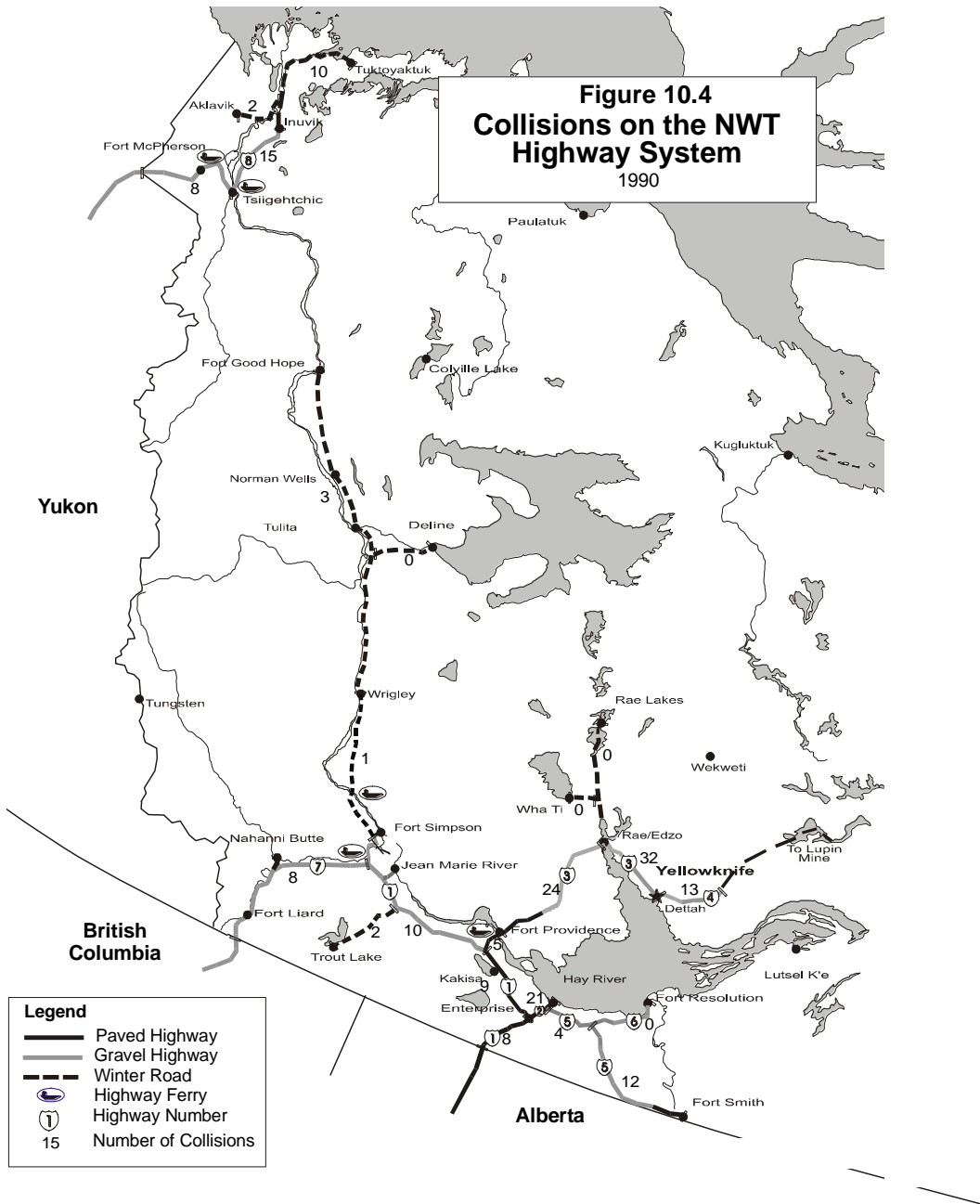
Summary Highway #7	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	4	4	0	8	7	0

Highway #8 (Dempster Highway)	On Km	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed
	1.0	18-Mar-1990	Injury	Other Multi-Vehicle Collision	1	0
	14.0	24-Apr-1990	Injury	Single Vehicle Rollover	1	0
	60.0	21-Sep-1990	Property Damage	Single Vehicle Rollover	0	0
	61.0	9-Jul-1990	Injury	Single Vehicle Rollover	1	0
	74.0	25-Jul-1990	Property Damage	Other Single Vehicle Collision	0	0
	90.0	3-Sep-1990	Property Damage	Collision with Fixed Object	0	0
	103.0	21-Jul-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	138.0	15-Oct-1990	Property Damage	Ran Off Road	0	0
	144.0	28-Aug-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	145.0	3-Jan-1990	Property Damage	Single Vehicle Rollover	0	0
	173.0	19-Aug-1990	Property Damage	Animal Strike	0	0
	225.0	21-Jun-1990	Property Damage	Single Vehicle Rollover	0	0
	229.0	9-Sep-1990	Injury	Single Vehicle Rollover	1	0
	240.0	12-Jul-1990	Injury	Other Multi-Vehicle Collision	1	0
	253.0	8-Jul-1990	Injury	Single Vehicle Rollover	4	0
	256.0	25-Jun-1990	Property Damage	Ran Off Road	0	0
	257.0	13-May-1990	Property Damage	Single Vehicle Rollover	0	0
	259.0	28-Jan-1990	Property Damage	Passing - Right Turn	0	0
	259.0	2-Feb-1990	Property Damage	Other Multi-Vehicle Collision	0	0
	261.0	3-Oct-1990	Property Damage	Collision with Fixed Object	0	0
	269.3	3-Jun-1990	Injury	Single Vehicle Rollover	2	0
	270.9	6-Jul-1990	Property Damage	Head-on	0	0
	271.3	1-Jul-1990	Injury	Other Multi-Vehicle Collision	2	0


Summary Highway #8	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	15	8	0	23	13	0

Geographic Distribution – Section 10

Access and Winter Roads	Collision Date	Collision Severity	Collision Configuration	#Persons Injured	#Persons Killed	
Aklavik Winter Access Road	22-Mar-1990	Injury	Collision with Fixed Object	3	0	
Aklavik Winter Access Road	25-Mar-1990	Injury	Collision with Fixed Object	2	0	
Dettah Access Road	17-Jul-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Dettah Access Road	24-Jul-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Dettah Access Road	22-Aug-1990	Property Damage	Collision with Fixed Object	0	0	
Dettah Access Road	6-Dec-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Dettah Winter Access Road	9-Jan-1990	Injury	Single Vehicle Rollover	1	0	
Dettah Winter Access Road	27-Mar-1990	Property Damage	Sideswipe Same Direction	0	0	
Dettah Winter Access Road	16-Dec-1990	Property Damage	Sideswipe - Opposite Direction	0	0	
Hav River Reserve Access Road	31-Jan-1990	Property Damage	Collision with Fixed Object	0	0	
Hav River Reserve Access Road	25-Mar-1990	Injury	Single Vehicle Rollover	1	0	
Hav River Reserve Access Road	21-May-1990	Property Damage	Single Vehicle Rollover	0	0	
Hav River Reserve Access Road	7-Aug-1990	Property Damage	Other Single Vehicle Collision	0	0	
Hav River Reserve Access Road	11-Dec-1990	Injury	Left Turn Across Path	2	0	
Inuvik-Tuktovaktuk Winter Road	28-Jan-1990	Property Damage	Single Vehicle Rollover	0	0	
Inuvik-Tuktovaktuk Winter Road	7-Feb-1990	Property Damage	Single Vehicle Rollover	0	0	
Inuvik-Tuktovaktuk Winter Road	2-Mar-1990	Property Damage	Collision with Fixed Object	0	0	
Inuvik-Tuktovaktuk Winter Road	3-Mar-1990	Property Damage	Animal Strike	0	0	
Inuvik-Tuktovaktuk Winter Road	15-Mar-1990	Property Damage	Single Vehicle Rollover	0	0	
Inuvik-Tuktovaktuk Winter Road	22-Mar-1990	Property Damage	Collision with Fixed Object	0	0	
Inuvik-Tuktovaktuk Winter Road	24-Mar-1990	Property Damage	Collision with Fixed Object	0	0	
Inuvik-Tuktovaktuk Winter Road	31-Mar-1990	Property Damage	Collision with Fixed Object	0	0	
Inuvik-Tuktovaktuk Winter Road	7-Apr-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Inuvik-Tuktovaktuk Winter Road	27-May-1990	Injury	Single Vehicle Rollover	1	0	
Mackenzie Highway Winter Road	18-Jan-1990	Property Damage	Sideswipe - Opposite Direction	0	0	
Mackenzie Highway Winter Road	27-Jan-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Mackenzie Highway Winter Road	16-Feb-1990	Property Damage	Sideswipe - Opposite Direction	0	0	
Mackenzie Highway Winter Road	27-Mar-1990	Injury	Single Vehicle Rollover	1	0	
Trout Lake Winter Access Road	31-Jan-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Trout Lake Winter Access Road	7-Mar-1990	Property Damage	Other Multi-Vehicle Collision	0	0	
Yellowknife Access Road	3-Feb-1990	Property Damage	Sideswipe - Opposite Direction	0	0	
Yellowknife Access Road	27-May-1990	Injury	Single Vehicle Rollover	1	0	
Yellowknife Access Road	17-Jun-1990	Property Damage	Single Vehicle Rollover	0	0	
Summary Access and Winter Roads	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	25	8	0	33	12	0
Summary All NWT Highways	Property Damage Collisions	Personal Injury Collisions	Fatal Collisions	Total Collisions	Persons Injured	Persons Killed
	145	52	5	202	89	7



Appendix A1 – NWT MVA Report Form



ACCIDENT REPORT

1. FATAL
2. INJURY

DATE OF ACCIDENT
____/____/____

TIME (USE 240 HRS)
____:____

3. PROPERTY DAMAGE 4. OTHER 5. R.C.M.P. DETACHMENT

NO. OF VEHICLES INVOLVED: _____

NUMBER KILLED: _____

NUMBER INJURED: _____

NO. OF OCCUPANTS IN VEHICLES: _____

NO. OF OCCUPANTS IN OTHER: _____

NO. OF OCCUPANTS IN R.C.M.P. DETACHMENT: _____

LARGE HARLET OF: _____

ROAD JURISDICTION: _____

WEATHER CONDITION: _____

LIGHT CONDITION: _____

STREET LIGHTING: _____

LOCATION

1. URBAN 2. RURAL 3. CITY 4. TOWN 5. IN 6. NEAR

1. URBAN AREA 2. VILLAGE/HAMLET 3. OTHER URBAN AREA

ON _____ STREET 1

OR _____ STREET 2

AT INTERSECTION WITH _____

OR _____

IF NOT AT INTERSECTION _____

IF LOCATION CAN BE DESCRIBED MORE PRECISELY, ENTER HERE: _____

SPECIAL REFERENCE: _____

DO NOT WRITE IN THIS SPACE

ROAD TYPE: _____ ROAD SURFACE TYPE: _____ CONDITION: _____ UNUSUAL ROY CONDITION: _____

1. NA 2. UNIMPROVED ONE-WAY 3. UNIMPROVED TWO-WAY 4. DIVIDED BIRTH 5. RESTRAINING BARRIER 6. DIVIDED 7. RAMP 8. COLLECTOR LANE 9. OTHER 10. UNKNOWN

1. NA 2. ASPHALT 3. CONCRETE 4. GRAVEL 5. DIRT 6. SAND 7. GRAVEL 8. SAND 9. OTHER 10. UNKNOWN

1. NA 2. DIRT 3. WET 4. LOOSE SAND/DIRT 5. DIRT 6. SAND 7. GRAVEL 8. SAND 9. OTHER 10. UNKNOWN

1. NA 2. UNDER CONST. 3. UNDER REPAIRS 4. HOLE/RUTS/BUMP 5. DEFECTIVE SHOULDER 6. DRIPPING ROADSIDE 7. SLIPPERY 8. OTHER 9. UNKNOWN

1. NA 2. CLEAR 3. RAINING 4. CLOUDY 5. SNOWING 6. SLEET-HAIL FREEZING RAIN 7. STRONG WIND 8. SUSS 9. FOG, SMOG, SMOKE 10. UNKNOWN

1. NA 2. DAYLIGHT 3. DAWN 4. DUSK 5. DARKNESS 6. OTHER 7. UNKNOWN

1. NA 2. NONE 3. PRESENT - ON 4. PRESENT - OFF 5. LIGHT FAIL 6. OTHER 7. UNKNOWN

OBJECT 1

1. MOTOR VEHICLE 2. VEHICLE 3. PEDESTRIAN 4. FIXED OBJECT 5. ANIMAL 6. OTHER 7. UNKNOWN

DRIVER LICENSE NO. _____ CLASS _____ PROV./STATE _____

LAST NAME DRIVER 1 _____ FIRST NAME _____ INITIAL _____

NUMBER AND STREET _____

CITY _____ PROV. _____ POSTAL CODE _____

DATE OF BIRTH _____ SEX _____ PHONE NO. _____ DRIVER'S OCCUPATION _____

PLATE NO. _____ YEAR _____ PROV./STATE _____ VE & VEHICLE MAKE _____

SERIAL OR VIN NUMBER _____

LAST NAME OWNER 1 _____ FIRST NAME _____ INITIAL _____

NUMBER AND STREET _____

CITY _____ PROV. _____ POSTAL CODE _____

INSURANCE/FINANCIAL RESPONSIBILITY _____ OR POLICY NO. _____

COMPANY ADDRESS _____ EXPIRY DATE _____

DAMAGE SUSTAINED: YES _____ NO _____ TRAINED DRIVER: YES _____ NO _____ DRIVER'S EXPERIENCE: YES _____ NO _____

CONDUCTOR TRAINING: _____

DAMAGE SEVERITY: 1. DRAINING 2. FANDED 3. NEW 4. OTHER

TOTAL OCCUPANTS THIS VEHICLE: _____

VEHICLE REPAIR COST: _____

EST. COST: _____

NAME AND ADDRESS OF INDEPENDENT WITNESSES AND DESCRIPTION OF ACCIDENT: _____

OBJECT 2

1. MOTOR VEHICLE 2. VEHICLE 3. PEDESTRIAN 4. FIXED OBJECT 5. ANIMAL 6. OTHER 7. UNKNOWN

DRIVER LICENSE NO. _____ CLASS _____ PROV./STATE _____

LAST NAME DRIVER 2 _____ FIRST NAME _____ INITIAL _____

NUMBER AND STREET _____

CITY _____ PROV. _____ POSTAL CODE _____

DATE OF BIRTH _____ SEX _____ PHONE NO. _____ DRIVER'S OCCUPATION _____

PLATE NO. _____ YEAR _____ PROV./STATE _____ VE & VEHICLE MAKE _____

SERIAL OR VIN NUMBER _____

LAST NAME OWNER 2 _____ FIRST NAME _____ INITIAL _____

NUMBER AND STREET _____

CITY _____ PROV. _____ POSTAL CODE _____

INSURANCE/FINANCIAL RESPONSIBILITY _____ OR POLICY NO. _____

COMPANY ADDRESS _____ EXPIRY DATE _____

DAMAGE SUSTAINED: YES _____ NO _____ TRAINED DRIVER: YES _____ NO _____ DRIVER'S EXPERIENCE: YES _____ NO _____

CONDUCTOR TRAINING: _____

DAMAGE SEVERITY: 1. DRAINING 2. FANDED 3. NEW 4. OTHER

TOTAL OCCUPANTS THIS VEHICLE: _____

VEHICLE REPAIR COST: _____

EST. COST: _____

NAME AND ADDRESS OF INDEPENDENT WITNESSES AND DESCRIPTION OF ACCIDENT: _____

WITNESSES

NO.	NAME	ADDRESS	IF DECEASED ALSO INCLUDE DATE & TIME OF DEATH
16			
17			
18			
19			
20			
21			
22			
23			
24			

OFFICER'S NAME AND NUMBER _____ SHIFT _____

DIVISION _____ REVIEW OFFICER _____ DATE REVIEWED _____

POLICE COMMENTS _____ PROPOSED POLICE ACTION _____

Appendix A2 – MVA Report Form Template

	ROAD CLASS 1. N/A 2. Freeway/Highway 3. Arterial/Collector Rd 4. Residential St/Local Collector Rd	5. Lanes 6. Service Rd 7. Other 8. Unknown 9. Unknown 10. At-Risk Access to Field 11. At-Risk Collector/Divided Hwy 12. At-Risk R.R. Xing 13. OH Hwy 14. Other 15. Unknown	MOVABLE OBJECT 1. N/A 2. Other motor vehicle 3. Other vehicles 4. Cyclic 5. Pedestrian 6. Railway Train 7. Animal-drawn 8. Animal-aid
	ACCIDENT LOCATION 1. N/A 2. Non-Intersection 3. Intersection-Related 4. In Intersection 5. At-Risk Access to Residence 6. At-Risk Commercial Entrance	16. School Bus 17. Flagman 18. No passing zone 19. R.R. Xing-advance sign/signal/roadwork 20. R.R. Xing-advance sign 21. R.R. Xing-stop sign 22. R.R. Xing-advance sign 23. R.R. Xing-stop sign 24. R.R. Xing-advance sign 25. Unknown	NON-COLLISION 1. Fire/Explosion 2. Submersion 3. Fall 4. Load shifted 5. Other Events 6. Unknown
	SPECIAL FACILITY 1. N/A 2. Traffic Interchange-Through Hwy 3. Interchange-Over Ramp 4. Interchange-Entrance Ramp 5. Traffic Circle	6. Bridge/Overpass 7. Tunnel/Underpass 8. Pedestrian 9. Other 10. Unknown	
	TRAFFIC CONTROL 1. No control present 2. Traffic Signal 3. Flashing light-bar 4. School zone 5. School Xing-Warning light 6. School Xing-Advance sign/stop sign 7. School Xing-Advance sign only	10. School Bus 11. Flash in case 12. Stop sign 13. Yield sign 14. Merge sign 15. Interchange-Advance light 16. Police control 17. Flagman 18. No passing zone 19. R.R. Xing-advance sign/signal/roadwork 20. R.R. Xing-advance sign 21. R.R. Xing-stop sign 22. R.R. Xing-advance sign 23. R.R. Xing-stop sign 24. R.R. Xing-advance sign 25. Unknown	
	TRAFFIC CONTROL CONDITION 1. N/A 2. No controls 3. Traffic control functioning 4. Traffic control means non-functional	5. Traffic control present but ineffective 6. Other 7. Unknown	
	ROADWAY SPEED (posted) Code posted speed level at/above location	PEDESTRIAN ACTION 1. N/A 2. Crossing Inter. With R/O-W 3. Crossing Inter. With L/O-W 4. Crossing Ped. X-Walk 5. Crossing Inter. No traffic control 6. Crossing Inter. Disregard	7. Crossing Mid-Block Hwy 8. Walking on Rd. Against Traffic 9. Walking on Rd. With Traffic 10. Emerging in front of vehicle 11. Crossing in front of vehicle 12. Crossing in front of vehicle 13. Emerging in front of vehicle 14. Crossing in front of vehicle 15. Crossing in front of vehicle
	ROADWAY ALIGNMENT 1. N/A 2. Straight & Level 3. Straight with Grade 4. Straight w/Offset 5. Curve & Level	6. Curve with Grade 7. Curve w/Offset 8. Other 9. Unknown	OBJECT IDENTIFICATION 1. N/A 2. Auto 3. Auto-Limo 4. Pickup Trucks under 8000 lbs. 5. Panel/Van under 8000 lbs. 6. Trucks 8000 lbs. & over 7. Tractor
	HAZARDOUS LOADS 1. N/A 2. Explosives 3. Flammable Liquids 4. Flammable Solids 5. Corrosive Mat. 6. Corrosive Gas	7. Compressed Gases 8. Flammable Gases 9. Explosives 10. Radioactive Mat. 11. Radioactive Gas 12. Other (specify) 13. Unknown	
	LOAD SPILLED (if accident) 1. N/A 2. Spilled 3. Not Spilled 4. Unknown	NORTHWEST TERRITORIES MOTOR VEHICLE BRANCH	ATTACHMENTS 1. N/A 2. Camera 3. Farm Equip 4. Boat Trailer
	POINT OF INITIAL IMPACT 1. N/A 2. Other 3. Unknown		HUMAN CONDITION 1. Apparently Normal 2. Had been drinking 3. Ability impaired, Alcohol 4. Ability impaired, Drugs
	OCCUPANT PROTECTION 1. N/A 2. Not Equipped 3. Padded Seats 4. Padded Seats & Torso Belts 5. Air Bags 6. Proper Clothing 7. Helmet 8. Other (specify) 9. Unknown	HUMAN ACTION 20. N/A 21. Backing Unlawfully 22. Pedestrian Crossing 23. R. 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 across Path	30. On 31. Fail to leave Curbside Safety 32. Fail to Change Lanes Safely 33. Improper Passing 34. Fail to Yield R/O-W. Rules of Rd. 35. Fail to Yield R/O-W. at stop sign 36. Fail to Yield R/O-W. at yield sign 37. Fail to Yield R/O-W. to ped.
	POSITION IN/ON VEHICLE 1. Driver 2. Inv. 3. Passengers 4. Riding/Hanging On Outside	INJURY CODE 1. N/A 2. None apparent 3. Minimal 4. Minor 5. Major 6. Fatal 7. Not determined 8. Other (specify) 9. Unknown	VEHICLE 1. N/A 2. Eng. on Trail 3. Defective 4. Defective 5. Defective 6. Defective 7. Defective 8. Defective 9. Defective 10. Defective 11. Defective 12. Defective 13. Defective 14. Defective 15. Defective 16. Defective 17. Defective 18. Defective 19. Defective 20. Defective 21. Defective 22. Defective 23. Defective 24. Defective 25. Defective 26. Defective 27. Defective 28. Defective 29. Defective 30. Defective 31. Defective 32. Defective 33. Defective 34. Defective 35. Defective 36. Defective 37. Defective 38. Defective 39. Defective 40. Defective 41. Defective 42. Defective 43. Defective 44. Defective 45. Defective 46. Defective 47. Defective 48. Defective 49. Defective 50. Defective 51. Defective 52. Defective 53. Defective 54. Defective 55. Defective 56. Defective 57. Defective 58. Defective 59. Defective 60. Defective 61. Defective 62. Defective 63. Defective 64. Defective 65. Defective 66. Defective 67. Defective 68. Defective 69. Defective 70. Defective 71. Defective 72. Defective 73. Defective 74. Defective 75. Defective 76. Defective 77. Defective 78. Defective 79. Defective 80. Defective 81. Defective 82. Defective 83. Defective 84. Defective 85. Defective 86. Defective 87. Defective 88. Defective 89. Defective 90. Defective
	SAFETY EQUIP. USED 1. Yes 2. No 3. Partial	TRANSFERRED TO HOSPITAL 1. Yes 2. No 3. Unknown	ENVIRONMENTAL 1. N/A 2. None 3. Not specified 4. Not specified 5. Not specified 6. Not specified 7. Not specified 8. Not specified 9. Not specified 10. Not specified 11. Not specified 12. Not specified 13. Not specified 14. Not specified 15. Not specified 16. Not specified 17. Not specified 18. Not specified 19. Not specified 20. Not specified 21. Not specified 22. Not specified 23. Not specified 24. Not specified 25. Not specified 26. Not specified 27. Not specified 28. Not specified 29. Not specified 30. Not specified 31. Not specified 32. Not specified 33. Not specified 34. Not specified 35. Not specified 36. Not specified 37. Not specified 38. Not specified 39. Not specified 40. Not specified 41. Not specified 42. Not specified 43. Not specified 44. Not specified 45. Not specified 46. Not specified 47. Not specified 48. Not specified 49. Not specified 50. Not specified 51. Not specified 52. Not specified 53. Not specified 54. Not specified 55. Not specified 56. Not specified 57. Not specified 58. Not specified 59. Not specified 60. Not specified 61. Not specified 62. Not specified 63. Not specified 64. Not specified 65. Not specified 66. Not specified 67. Not specified 68. Not specified 69. Not specified 70. Not specified 71. Not specified 72. Not specified 73. Not specified 74. Not specified 75. Not specified 76. Not specified 77. Not specified 78. Not specified 79. Not specified 80. Not specified 81. Not specified 82. Not specified 83. Not specified 84. Not specified 85. Not specified 86. Not specified 87. Not specified 88. Not specified 89. Not specified 90. Not specified
	SELECTED FROM VEHICLE 1. Yes 2. No 3. Partial	TREATED FOR INJURY 1. Yes 2. No 3. Unknown	PRIMARY CAUSE OF ACCIDENTS FROM BOX 38 - 45 1. N/A 2. N/A 3. N/A 4. N/A 5. N/A 6. N/A 7. N/A 8. N/A 9. N/A 10. N/A 11. N/A 12. N/A 13. N/A 14. N/A 15. N/A 16. N/A 17. N/A 18. N/A 19. N/A 20. N/A 21. N/A 22. N/A 23. N/A 24. N/A 25. N/A 26. N/A 27. N/A 28. N/A 29. N/A 30. N/A 31. N/A 32. N/A 33. N/A 34. N/A 35. N/A 36. N/A 37. N/A 38. N/A 39. N/A 40. N/A 41. N/A 42. N/A 43. N/A 44. N/A 45. N/A 46. N/A 47. N/A 48. N/A 49. N/A 50. N/A 51. N/A 52. N/A 53. N/A 54. N/A 55. N/A 56. N/A 57. N/A 58. N/A 59. N/A 60. N/A 61. N/A 62. N/A 63. N/A 64. N/A 65. N/A 66. N/A 67. N/A 68. N/A 69. N/A 70. N/A 71. N/A 72. N/A 73. N/A 74. N/A 75. N/A 76. N/A 77. N/A 78. N/A 79. N/A 80. N/A 81. N/A 82. N/A 83. N/A 84. N/A 85. N/A 86. N/A 87. N/A 88. N/A 89. N/A 90. N/A
	SEX 1. Male 2. Female 3. Unknown	AGE 1. Yes 2. No 3. Unknown	SPECIAL STUDIES 1. N/A 2. N/A 3. N/A 4. N/A 5. N/A 6. N/A 7. N/A 8. N/A 9. N/A 10. N/A 11. N/A 12. N/A 13. N/A 14. N/A 15. N/A 16. N/A 17. N/A 18. N/A 19. N/A 20. N/A 21. N/A 22. N/A 23. N/A 24. N/A 25. N/A 26. N/A 27. N/A 28. N/A 29. N/A 30. N/A 31. N/A 32. N/A 33. N/A 34. N/A 35. N/A 36. N/A 37. N/A 38. N/A 39. N/A 40. N/A 41. N/A 42. N/A 43. N/A 44. N/A 45. N/A 46. N/A 47. N/A 48. N/A 49. N/A 50. N/A 51. N/A 52. N/A 53. N/A 54. N/A 55. N/A 56. N/A 57. N/A 58. N/A 59. N/A 60. N/A 61. N/A 62. N/A 63. N/A 64. N/A 65. N/A 66. N/A 67. N/A 68. N/A 69. N/A 70. N/A 71. N/A 72. N/A 73. N/A 74. N/A 75. N/A 76. N/A 77. N/A 78. N/A 79. N/A 80. N/A 81. N/A 82. N/A 83. N/A 84. N/A 85. N/A 86. N/A 87. N/A 88. N/A 89. N/A 90. N/A

Appendix A3 – Brief Description of Fatal Collisions

The following is a brief description of the seven fatal traffic collisions that took place in the Northwest Territories in 1990, resulting in nine fatalities.

RCMP Detachment	Date	Description
Yellowknife	8-Jan	Two tractor-trailer units collided head-on near Km 322 on Highway #3, just outside Yellowknife city limits. It is believed that one of the units jack knifed prior to the collision. One driver sustained fatal injuries while the other driver was seriously injured.
Hay River	21-Apr	Single vehicle rollover near Km 12 on Highway #2. It is believed that the driver and sole occupant had fallen asleep prior to the collision. The driver, who was not restrained, was fatally injured. The driver had been drinking.
Fort Simpson	15-Jul	Single vehicle rollover near Km 351 on Highway #1. Left rear tire blew out, causing driver to lose directional control. The pickup truck was carrying eight occupants, including three who were riding in the box. The right rear passenger was totally ejected and died at the scene. The other occupants suffered superficial to serious injuries.
Rae	23-Jul	Single vehicle rollover near Km 147 on Highway #3. A pickup truck carrying three occupants lost directional control. The unrestrained driver was totally ejected and sustained fatal injuries. The two passengers were restrained and suffered only minor injuries.
Yellowknife	2-Oct	Single vehicle rollover on city street. The unrestrained driver of passenger car was partially ejected and died in hospital the following day. Excessive speed was a factor.
Yellowknife	17-Oct	Single vehicle rollover near Km 322 on Highway #3 just outside of Yellowknife city limits. All three occupants were not restrained and sustained fatal injuries. It is unknown whether alcohol was involved.
Hay River	15-Dec	A snowmobile collided with a parked car on a service road within the town. The driver of the snowmobile sustained fatal injuries. Speed and alcohol were factors in the collision.

