2000 NWT Traffic Collision Facts

Department of Transportation Road Licensing and Safety Division September 2001

Northwest Territories

Traffic Collision Facts, 2000





Transportation

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.

2000 QUICK FACTS REPORT

2000 Compared to 1999

	<u>1999</u>	<u>2000</u> _	% Change
PROPERTY DAMAGE ONLY COLLISIONS	531	547	3.0
PERSONAL INJURY COLLISIONS	153	128	-16.3
FATAL COLLISIONS	5	3	-40.0
TOTAL REPORTED COLLISIONS	689	678	-1.6
NUMBER OF PERSONS KILLED	7	5	-28.6
NUMBER OF PERSONS INJURED	276	182	-34.1
NWT HIGHWAY SYSTEM COLLISIONS	161	126	-21.7
RURAL COLLISIONS	11	20	81.8
COLLISIONS IN COMMUNITIES	517	532	2.9
REGISTERED VEHICLES	25,426	23,371	-8.1
LICENSED DRIVERS	21,699	22,626	4.3
NWT POPULATION [1]	41,600	42,100	1.2
COLLISIONS PER 100 LICENSED DRIVERS	3.18	3.00	-5.6
COLLISIONS PER 100 REGISTERED VEHICLES	2.71	2.90	7.1
COLLISIONS PER 100 POPULATION	1.66	1.61	-2.8
COLLISIONS INVOLVING ALCOHOL	53	60	13.2

^{[1] 1999} and 2000 population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2001.

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 <u>Motor Vehicles Act</u> (\$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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Historical Trends

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Historical Trends

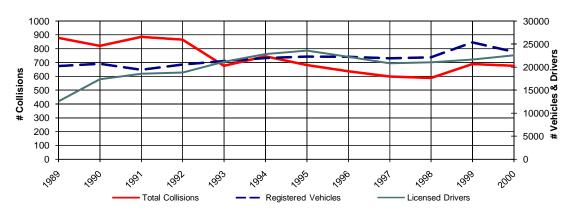
This section illustrates the 12-year history of collisions, victims and licensed drivers and vehicles.

Reporting definitions have remained the same since the inception of TCIS in 1989. Trends in injuries, property damage collisions and total collisions have shown a steady decline since the early 1990's. This decline has taken place in spite of the increased population and number of licensed drivers and registered vehicles.

Because of the small number of fatal collisions in the Northwest Territories, trends are difficult to identify and subject to year-to-year fluctuations. The five traffic fatalities reported in 2000 is close to the 12-year average.

Trends in Licensed Drivers, Registered Vehicles and Collisions

Figure 1.1

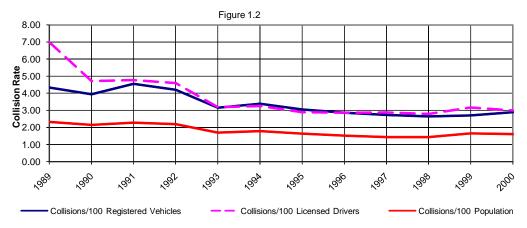


3 Year Summary

Registered Vehicles
Licensed Drivers
Total Collisions

1998	1999	2000	% Change
22,201	25,426	23,371	-8.1
21,112	21,699	22,626	4.3
589	689	678	-1.6

Trends in Collision Rates by Vehicles, Drivers and Population



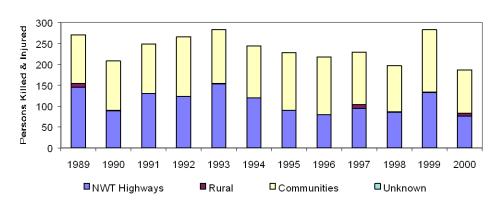
3 Year Summary

Collisions/100 Registered Vehicles Collisions/100 Licensed Drivers Collisions/100 Population

1998	1999	2000	% Change
2.65	2.71	2.90	7.1
2.79	3.18	3.00	-5.6
1.43	1.66	1.61	-2.8

Trends in Injuries & Fatalities

Figure 1.3

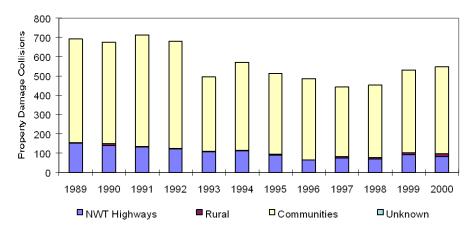


3 Year Summary

		Persons injured			Persons injured Persons Killed					
	1998	1999	2000	Average	1998	1999	2000	Average		
NWT Highways	83	127	74	95	2	5	2	3		
Rural	2	2	7	4	0	0	0	0		
Communities	111	147	101	120	0	2	3	2		
Total	196	276	182	218	2	7	5	5		

Trends in Property Damage Collisions

Figure 1.4



3 Year Summary

NWT Highways Rural Communities Total

	Property Damage Collisions						
	1998	1998 1999 2000 A					
	70	92	82	81			
	7	10	15	11			
	375	429	450	418			
Ī	452	531	547	510			

Trends in Personal Injury Collisions

Figure 1.5

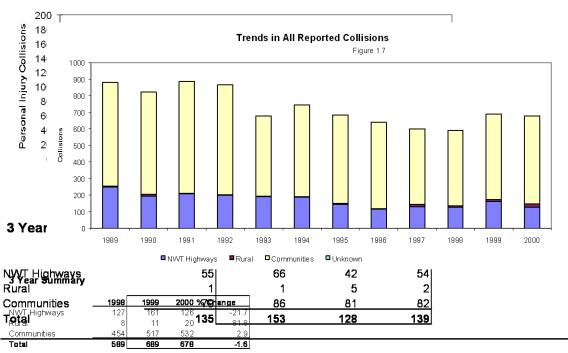


										Figure 1.8 Figure 1		Avg. 89	
Month 2 T	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	to 99	2000
January	66	63	86	74	46	52	50	54	53	64	65	61	60
February March 10	66	66	72	68	56	72	46	59	45	46	65	60	49
//arch10 T	65	68	72	68	52	50	78	56	44	36	47	58	45
\ _B nil	51	30	48	59	30	32	32	31	26	22	34	36	33
⁄≅ y 8.∔ Γ	39	29	31	45	23	33	31	26	23	20	30	30	34
lu x ne	39_	44	57	35	23	31	24	32	32	29	30	34	27
Agril May 8 — Lagne Lagne Lagust 6 —	47	51	57	48	33	39	38	36	37	34	29	41	31
չ <mark>0</mark> gust6 † <mark></mark>	47	54	42	51	35	42	39	24	37	34	38	40	36
September	41	46	49	48	39	34	29	29	25 🗖	34	36	37	34
September Datobe <u>ra</u>	76	69	65	65	52	59	38	56	48	39	63	57	58
lb vember	84	71	59	64	53	73	49	42	26	37	45	55	53
December	70	84	74	54	53	53	59	41	47	57	49	58	87
Total 2 +	691	675	712	679	495	570	513	486	443	452	531	568	547
0 1											_		
0 +-			91 199	92 1993	1994	1995	1996 1	997 1	998 19	999 2000	7		

3 Year Summary

-	Fatal Collisions						
	1998	1999	2000	Average			
NWT Highways	2	3	2	_2			
Rural	0	0	0	o			
Communities	0	2	1	1			
Total	2	5	3	3			

Personal Injury Collisions by Month and Year

ure	

												Avg. 03	
Month	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	to 99	2000
January	13	8	15	19	16	11	16	15	13	10	15	14	17
February	17	8	13	12	16	7	14	15	19	10	13	13	14
March	14	15	17	12	16	9	20	10	16	11	11	14	9
April	3	6	5	9	13	6	12	7	19	7	9	9	4
May	11	5	16	12	13	9	11	7	11	4	6	10	9
June	12	20	24	18	17	18	15	10	6	20	12	16	9
July	26	20	23	15	24	18	15	16	8	11	22	18	11
August	17	14	16	18	9	23	18	11	16	14	12	15	7
September	16	8	13	19	12	14	11	14	10	11	11	13	9
October	18	15	14	16	16	20	10	15	14	17	20	16	12
November	19	7	5	13	14	19	12	9	10	8	10	11	10
December	14	13	10	18	12	19	11	13	9	12	12	13	17
Total	180	139	171	181	178	173	165	142	151	135	153	161	128

Fatal Collisions by Month and Year

Figure 1.10

i atai oomi	atar comercine by mortar and rear							rigate rite						
												Avg. 89		
Month	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	to 99	2000	
January	0	1	0	0	0	0	0	0	0	0	0	0.1	1	
February	0	0	0	0	0	0	0	0	0	0	0	0.0	0	
March	0	0	0	0	1	0	0	2	2	0	0	0.5	0	
April	1	1	0	1	1	0	1	1	0	0	1	0.6	0	
May	1	0	0	0	0	1	0	1	1	0	0	0.4	0	
June	3	0	2	3	0	0	0	1	1	0	0	0.9	0	
July	1	2	0	0	1	0	1	1	1	0	1	0.7	0	
August	0	0	1	0	0	0	0	3	1	0	1	0.5	1	
September	0	0	0	0	0	0	1	0	0	1	1	0.3	0	
October	0	2	0	1	0	1	0	1	0	1	0	0.5	1	
November	1	0	0	1	1	0	1	0	0	0	0	0.4	0	
December	1	1	0	0	0	0	0	0	0	0	1	0.3	0	
Total	8	7	3	6	4	2	4	10	6	2	5	5.2	3	

Total Collisions by Month and Year

Fic	ure	1	1	1

												Avg. 89	
Month	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	to 99	2000
January	79	72	101	93	62	63	66	69	66	74	80	75	78
February	83	74	85	80	72	79	60	74	64	56	78	73	63
March	79	83	89	80	69	59	98	68	62	47	58	72	54
April	55	37	53	69	44	38	45	39	45	29	44	45	37
May	51	34	47	57	36	43	42	34	35	24	36	40	43
June	54	64	83	56	40	49	39	43	39	49	42	51	36
July	74	73	80	63	58	57	54	53	46	45	52	60	42
August	64	68	59	69	44	65	57	38	54	48	51	56	44
September	57	54	62	67	51	48	41	43	35	46	48	50	43
October	94	86	79	82	68	80	48	72	62	57	83	74	71
November	104	78	64	78	68	92	62	51	36	45	55	67	63
December	85	98	84	72	65	72	70	54	56	69	62	72	104
Total	879	821	886	866	677	745	682	638	600	589	689	734	678

Time of Occurrence

Contents:

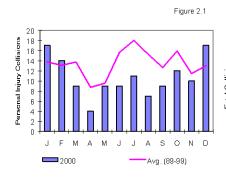
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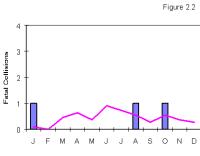
Time of Occurrence

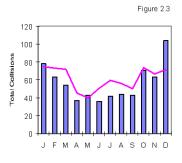
Figure 2.3 shows the highest number of collisions occurred during the winter months, November to March. Conversely Figure 2.1 shows more injury-producing collisions during the summer months.

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

Collisions by Month of Occurrence





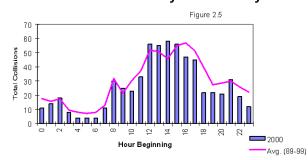


Collisions & Victims by Month of Occurrence

Figure 2.4

_	Nun	nber of Coll		Number of Victims		
	Property	Personal				
Month	Damage	Injury	Fatal	Total	Injured	Killed
January	60	17	1	78	21	1
February	49	14	0	63	19	0
March	45	9	0	54	14	0
April	33	4	0	37	4	0
May	34	9	0	43	15	0
June	27	9	0	36	9	0
July	31	11	0	42	18	0
August	36	7	1	44	16	1
September	34	9	0	43	11	0
October	58	12	1	71	17	3
November	53	10	0	63	12	0
December	87	17	0	104	26	0
Total	547	128	3	678	182	5

Total Collisions by Time of Day



Total Collisions by Day of Week



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	1	2	2	0	2	1	11	1.7
1 to 2 a.m.	2	3	2	1	0	1	5	14	2.1
2 to 3 a.m.	7	0	2	2	3	4	0	18	2.7
3 to 4 a.m.	1	2	0	0	0	2	3	8	1.2
4 to 5 a.m.	3	0	0	0	0	0	1	4	0.6
5 to 6 a.m.	3	0	0	1	0	0	0	4	0.6
6 to 7 a.m.	1	0	0	0	1	2	0	4	0.6
7 to 8 a.m.	3	0	2	3	1	1	1	11	1.7
8 to 9 a.m.	1	10	5	6	5	2	1	30	4.5
9 to 10 a.m.	1	3	2	6	3	6	4	25	3.8
10 to 11 a.m.	3	1	1	6	6	3	3	23	3.5
11 to 12 a.m.	4	7	4	5	2	7	4	33	5.0
12 to 1 p.m.	6	7	13	10	4	9	6	55	8.3
1 to 2 p.m.	5	10	6	5	8	8	13	55	8.3
2 to 3 p.m.	7	10	7	8	5	8	13	58	8.7
3 to 4 p.m.	2	10	12	9	3	13	7	56	8.4
4 to 5 p.m.	7	7	6	6	6	9	6	47	7.1
5 to 6 p.m.	6	7	8	7	4	7	6	45	6.8
6 to 7 p.m.	1	2	4	5	3	5	2	22	3.3
7 to 8 p.m.	2	5	5	1	3	2	4	22	3.3
8 to 9 p.m.	2	1	2	3	3	6	4	21	3.2
9 to 10 p.m.	3	3	6	3	5	8	3	31	4.7
10 to 11 p.m.	2	3	2	5	3	4	0	19	2.9
11 to 12 p.m.	2	0	1	5	0	1	3	12	1.8
Not Stated	6	2	6	3	8	6	5	36	5.4
Total	83	94	98	102	76	116	95	664	
%	12.5	14.2	14.8	15.4	11.4	17.5	14.3	100.0	

^{*} Excludes collisions in which Day of Week was unknown.

MAJOR CONTRIBUTING FACTORS

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Major Contributing Factors

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

Police officers are encouraged to use their skilled judgement in reporting the likely factors, even if the collision scene was not attended.

Figure 3.6 shows that human condition is nearly twice as prevalent in injury and fatal collisions (18%) than in all collisions (10%). Human factors account for 68% of all factors in collisions, as compared to vehicular (1%) and environmental (5%).

Figure 3.12 points out the difference between collisions occurring in communities and on the NWT Highway system. Environmental factors are seven times as prevalent on NWT Highways (14%) than in communities (2%).

Collisions by Severity Where Human Condition Was a Major Contributing Factor

Figure 3.1

	Property	Personal			% of Total
Human Condition	Damage	Injury	Fatal	Total	Factors
Fatigued, Fell Asleep	1	1	0	2	0.3
Inexperience	5	1	0	6	0.9
Under Influence - Alcohol	37	19	1	57	8.4
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	0	2	0	2	0.3
Other Driver Condition	0	0	0	0	0.0
Total	43	23	1	67	9.9

Collisions by Severity Where Human Action Was a Major Contributing Factor

Figure 3.2

	Property	Personal			% of Total
Human Action	Damage	Injury	Fatal	Total	Factors
Following Too Closely	16	7	0	23	3.4
Distracted, Inattentive	30	14	1	45	6.6
Driving Too Fast for Conditions	58	19	0	77	11.4
Improper Turning or Passing	14	2	0	16	2.4
Failed to Yield Right-of-Way	43	13	0	56	8.3
Disobeyed Traffic Control/Officer	5	5	0	10	1.5
Driving on Wrong Side of Road	3	0	0	3	0.4
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	108	3	0	111	16.4
Lost Control	78	26	1	105	15.5
Other Driver Action	10	4	0	14	2.1
Total	365	93	2	460	67.8

Collisions by Severity Where Vehicle Condition Was a Major Contributing Factor

Figure 3.3

	Property	Personal			% of Total
Vehicle Condition	Damage	Injury	Fatal	Total	Factors
Defective Brakes	2	0	0	2	0.3
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	0	0	0	0.0
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	1	0	0	1	0.1
Visibility Obstructed	0	1	0	1	0.1
Other Vehicle Contributing Factor	5	0	0	5	0.7
Total	8	1	0	9	1.3

Collisions by Severity Where Environmental Condition Was a Major Contributing Factor

Figure 3.4

	Property	Personal			% of Total
Environmental Condition	Damage	Injury	Fatal	Total	Factors
Animal on Roadway	8	2	0	10	1.5
Road Surface or Condition	12	4	0	16	2.4
Obstruction/Debris on Road	3	1	0	4	0.6
View Obstructed, Glare, Reflection	2	0	0	2	0.3
Weather or Other Acts of God	1	0	0	1	0.1
Other Environmental Factor	0	0	0	0	0.0
Total	26	7	0	33	4.9

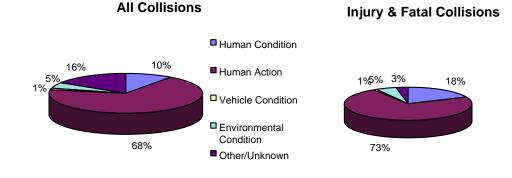
Collisions by Severity Where Major Contributing Factor Was Unspecified or Unknown

Figure 3.5

	Property	Personal			% of Total
Factor	Damage	Injury	Fatal	Total	Factors
Unspecified	0	0	0	0	0.0
Unknown	105	4	0	109	16.1
Total	105	4	0_	109	16.1
Total All Factors	547	128	3	678	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.

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

Figure 3.7

	NWT	In			% of Total
Human Condition	Highways	Communities	Rural	Total	Factors
Fatigued, Fell Asleep	1	1	0	2	0.3
Inexperience	1	4	1	6	0.9
Under Influence - Alcohol	9	47	1	57	8.4
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consciousness	1	1	0	2	0.3
Other Driver Condition	0	0	0	0	0.0
Total	12	53	2	67	9.9

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

Figure 3.8

	NWT	In			% of Total
Human Action	Highways	Communities	Rural	Total	Factors
Following Too Closely	1	22	0	23	3.4
Distracted, Inattentive	7	37	1	45	6.6
Driving Too Fast for Conditions	17	59	1	77	11.4
Improper Turning or Passing	3	13	0	16	2.4
Failed to Yield Right-of-Way	3	53	0	56	8.3
Disobeyed Traffic Control/Officer	0	10	0	10	1.5
Driving on Wrong Side of Road	1	2	0	3	0.4
Driving in Wrong Direction	0	0	0	0	0.0
Backing Unsafely	1	106	4	111	16.4
Lost Control	57	43	5	105	15.5
Other Driver Action	0	14	0	14	2.1
Total	90	359	11	460	67.8

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

Figure 3.9

	NWT	In			% of Total
Vehicle Condition	Highways	Communities	Rural	Total	Factors
Defective Brakes	0	2	0	2	0.3
Defective Steering	0	0	0	0	0.0
Defective Lights	0	0	0	0	0.0
Tire Blown Out	0	0	0	0	0.0
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	1	0	0	1	0.1
Visibility Obstructed	0	1	0	1	0.1
Other Vehicle Contributing Factor	3	2	0	5	0.7
Total	4	5	0	9	1.3

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

Figure 3.10

	NWT	In			% of Total
Environmental Condition	Highways	Communities	Rural	Total	Factors
Animal on Roadway	10	0	0	10	1.5
Road Surface or Condition	3	10	3	16	2.4
Obstruction/Debris on Road	3	0	1	4	0.6
View Obstructed, Glare, Reflection	2	0	0	2	0.3
Weather or Other Acts of God	0	1	0	1	0.1
Other Environmental Factor	0	0	0	0	0.0
Total	18	11	4	33	4.9

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

Figure 3.11

	NWT	In			% of Total
Factor	Highways	Communities	Rural	Total	Factors
Unspecified	0	0	0	0	0.0
Unknown	2	104	3	109	16.1
Total	2	104	3	109	16.1
Total All Factors	126	532	20	678	100

Major Contributing Factors in Collisions - Communities and NWT Highways

Figure 3.12

Communities

NWT Highways



Environmental Factors

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Environmental Factors

The driving environment consists of road, light and weather conditions, as well as events leading up to and during a collision. It is important to understand all of these factors to properly design effective countermeasures for reducing collisions.

This section of the report provides a breakdown of collisions for each of the different driving environments by severity and road system.

Figures 4.1 to 4.5 show that most collisions occur under near ideal conditions, such as clear weather, daylight and on a road surface that is free of defects. Figure 4.9 shows that intersection related collisions are far more frequent in communities than in rural areas or on the NWT Highway system.

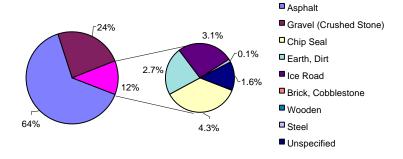
Figures 4.6 and 4.7 provide a breakdown on the types of collisions that occur for both single and multiple vehicle configurations.

Figures 4.12 and 4.13 describe some of the events that occur in collisions, such as hitting a fixed or moveable object, overturning and jack-knifing.

Collisions by Road Surface Type and Severity

Figure 4.1

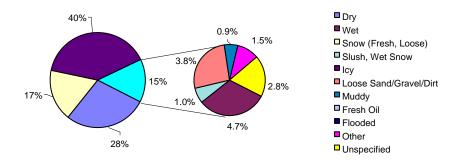
	Property	Personal			
Road Surface Type	Damage	Injury	Fatal	Total	%
Asphalt	355	78	0	433	63.9
Concrete	4	0	0	4	0.6
Gravel (Crushed Stone)	127	32	2	161	23.7
Earth, Dirt	17	1	0	18	2.7
Chip Seal	18	11	0	29	4.3
Brick, Cobblestone	0	0	0	0	0.0
Wooden	0	0	0	0	0.0
Steel	1	0	0	1	0.1
Ice Road	14	6	1	21	3.1
Unspecified	11	0	0	11	1.6
Total	547	128	3	678	100.0



Collisions by Road Surface Environmental Condition and Severity

Figure 4.2

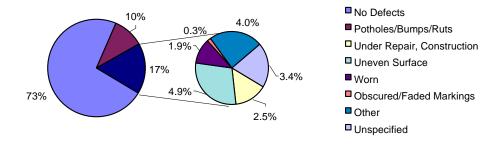
	Property	Personal			
Surface Condition	Damage	Injury	Fatal	Total	%
Dry	159	33	1	193	28.5
Wet	22	10	0	32	4.7
Snow (Fresh, Loose)	91	25	2	118	17.4
Slush, Wet Snow	6	1	0	7	1.0
lcy	215	52	0	267	39.4
Loose Sand/Gravel/Dirt	23	3	0	26	3.8
Muddy	5	1	0	6	0.9
Fresh Oil	0	0	0	0	0.0
Flooded	0	0	0	0	0.0
Other	7	3	0	10	1.5
Unspecified	19	0	0	19	2.8
Total	547	128	3	678	100



Collisions by Road Defect and Severity

Figure 4.3

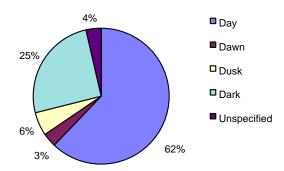
	Property	Personal			
Road Defect	Damage	Injury	Fatal	Total	%
No Defects	405	87	2	494	72.9
Potholes/Bumps/Ruts	52	17	0	69	10.2
Under Repair, Construction	12	4	1	17	2.5
Uneven Pavement Surface	22	11	0	33	4.9
Worn	9	4	0	13	1.9
Obscured or Faded Markings	2	0	0	2	0.3
Other	24	3	0	27	4.0
Unspecified	21	2	0	23	3.4
Total	547	128	3	678	100.0



Collisions by Light Condition and Severity

Figure 4.4

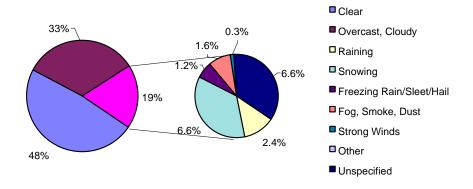
	Property	Personal	_		
Light Condition	Damage	Injury	Fatal	Total	%
Day	343	77	1	421	62.1
Dawn	18	5	0	23	3.4
Dusk	27	11	0	38	5.6
Dark	136	34	2	172	25.4
Unspecified	23	1	0	24	3.5
Total	547	128	3	678	100.0



Collisions by Weather Condition and Severity

Figure 4.5

	Property	Personal	_		
Weather Condition	Damage	Injury	Fatal	Total	%
Clear (Sunny)	260	64	3	327	48.2
Overcast, Cloudy (No Precipitation)	188	36	0	224	33.0
Raining	10	6	0	16	2.4
Snowing	35	10	0	45	6.6
Freezing Rain/Sleet/Hail	6	2	0	8	1.2
Visibility Limitations (fog, dust, etc.)	6	5	0	11	1.6
Strong Winds	0	2	0	2	0.3
Other	0	0	0	0	0.0
Unspecified	42	3	0	45	6.6
Total	547	128	3	678	100.0

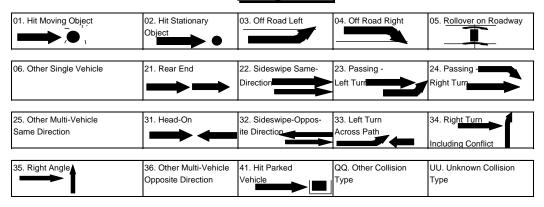


Collisions by Configuration and Severity

Figure 4.6

Configuration*	Property Damage	Personal Injury	Fatal	Total	% of Total
01. Hit Moving Object					
a) With Animal	10	3	0	13	1.9
b) With Pedestrian	1	11	0	12	1.8
c) Other	0	0	0	0	0.0
02. Hit Stationary Object	45	3	0	48	7.1
03. Off Road Left					
a) With Rollover	6	9	0	15	2.2
b) No Rollover	16	2	0	18	2.7
04. Off Road Right					
a) With Rollover	22	13	1	36	5.3
b) No Rollover	7	10	0	17	2.5
05. Rollover on Roadway	5	7	0	12	1.8
06. Other Single Vehicle	6	0	0	6	0.9
21. Rear End	64	32	1	97	14.3
22. Sideswipe -	9	1	0	10	1.5
Same Direction					
23. Passing - Left Turn	2	1	0	3	0.4
24. Passing - Right Turn	0	0	0	0	0.0
25. Other Multi-Vehicle	1	0	0	1	0.1
Same Direction					
31. Head-On	10	5	1	16	2.4
32. Sideswipe -	17	0	0	17	2.5
Opposite Direction					
33. Left Turn Across Path	9	5	0	14	2.1
34. Right Turn Including	0	3	0	3	0.4
Conflict					
35. Right Angle	82	17	0	99	14.6
36. Other Multi-Vehicle	17	1	0	18	2.7
Opposite Direction					
41. Hit Parked Vehicle	218	5	0	223	32.9
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
Total	547	128	3	678	100.0

*Collision Configurations

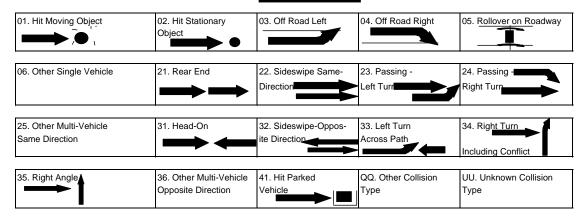


Collisions by Configuration and Road System

Figure 4.7

Configuration*	NWT Highways	In Communities	Rural	Total	% of Total
01. Hit Moving Object					
a) With Animal	12	1	0	13	1.9
b) With Pedestrian	0	12	0	12	1.8
c) Other	0	0	0	0	0.0
02. Hit Stationary Object	8	35	5	48	7.1
03. Off Road Left					
a) With Rollover	15	0	0	15	2.2
b) No Rollover	13	5	0	18	2.7
04. Off Road Right					
a) With Rollover	32	3	1	36	5.3
b) No Rollover	13	2	2	17	2.5
05. Rollover on Roadway	8	3	1	12	1.8
06. Other Single Vehicle	3	3	0	6	0.9
21. Rear End	7	90	0	97	14.3
22. Sideswipe -	0	10	0	10	1.5
Same Direction					
23. Passing - Left Turn	3	0	0	3	0.4
24. Passing - Right Turn	0	0	0	0	0.0
25. Other Multi-Vehicle	0	1	0	1	0.1
Same Direction					
31. Head-On	1	13	2	16	2.4
32. Sideswipe -	4	12	1	17	2.5
Opposite Direction					
33. Left Turn Across Path	1	13	0	14	2.1
34. Right Turn Including	0	3	0	3	0.4
Conflict					
35. Right Angle	3	95	1	99	14.6
36. Other Multi-Vehicle	2	16	0	18	2.7
Opposite Direction					
41. Hit Parked Vehicle	1	215	7	223	32.9
QQ. Other Collision Type	0	0	0	0	0.0
UU. Unknown Collision Type	0	0	0	0	0.0
Total	126	532	20	678	100.0

*Collision Configurations



Collisions by Collision Site and Severity

Figure 4.8

	Property	Personal			
Collision Site	Damage	Injury	Fatal	Total	%
Non-Intersection	247	63	3	313	46.2
Intersection - Two Public Roadways	108	42	0	150	22.1
Intersection - Parking Lot, Driveway	119	19	0	138	20.4
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	4	0	0	4	0.6
Tunnel, Underpass	0	1	0	1	0.1
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	0	0	0	0.0
Other	60	2	0	62	9.1
Unknown	9	1	0	10	1.5
Total	547	128	3	678	100.0

Collisions by Collision Site and Road System

Figure 4.9

	NWT	In			
Collision Site	Highways	Communities	Rural	Total	%
Non-Intersection	106	195	12	313	46.2
Intersection - Two Public Roadways	13	136	1	150	22.1
Intersection - Parking Lot, Driveway	4	131	3	138	20.4
Railroad Level Crossing	0	0	0	0	0.0
Bridge, Overpass, Viaduct	3	0	1	4	0.6
Tunnel, Underpass	0	1	0	11_	0.1
Passing, Climbing Lane	0	0	0	0	0.0
Ramp	0	0	0	0	0.0
Other	0	59	3	62	9.1
Unknown	0	10	0	10	1.5
Total	126	532	20	678	100.0

Collisions by Roadway Alignment and Severity

Figure 4.10

	Property	Personal			
Road Alignment	Damage	Injury	Fatal	Total	%
Straight & Level	392	85	2	479	70.6
Straight with Grade	68	10	0	78	11.5
Curved and Level	39	19	0	58	8.6
Curve with Grade	26	7	1	34	5.0
Top of Hill or Grade	6	0	0	6	0.9
Bottom of Hill or Grade	3	3	0	6	0.9
Other	3	1	0	4	0.6
Unknown	10	3	0	13	1.9
Total	547	128	3	678	100.0

Collisions by Roadway Type and Severity

Figure 4.11

	Property	Personal			
Road Type	Damage	Injury	Fatal	Total	%
One-Way, Two Lane	7	1	0	8	1.2
One-Way, Multi Lane	0	0	0	0	0.0
Undivided, Two-Way, Two Lane	303	96	3	402	59.3
Undivided, Two-Way, Multi Lane	40	19	0	59	8.7
Divided, Barrier Median	0	0	0	0	0.0
Divided with Median, No Barrier	18	9	0	27	4.0
Divided, Divider Unspecified	0	0	0	0	0.0
Other	170	3	0	173	25.5
Unknown	9	0	0	9	1.3
Total	547	128	3_	678	100.0

Collision Sequence of Events by Severity

Figure 4.12

	Property	Personal			
Non-Moving Objects	Damage	Injury	Fatal	Total	%
Hit Parked Trailer	1	0	0	1	0.1
Hit Non-Fixed Object	1	0	0	1	0.1
Hit Building	5	0	0	5	0.7
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	3	1	0	4	0.6
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree. Bush, Hedge	1	0	0	1	0.1
Hit Utility Pole, Lamp Pole	2	0	0	2	0.3
Hit Curb	0	0	0	0	0.0
Hit Post	5	0	0	5	0.7
Hit Traffic Barrier	1	0	0	1	0.1
Hit Fixed Object Part of Road Structure	2	0	0	2	0.3
Hit Fixed Object NOT Part of Road Structure	2	1	0	3	0.4
Hit Other Type Fixed Object	2	0	0	2	0.3
Sub Total Fixed Objects	25	2	0	27	4.0
Moveable Objects					
Another Road Vehicle	429	70	2	501	73.9
Animal	10	3	0	13	1.9
Pedestrian	1	11	0	12	1.8
Other Moveable Object	0	0	0	0	0.0
Sub Total Moveable Objects	440	84	2	526	77.6
Non-Collision Events					
Ran Off Road	23	12	0	35	5.2
Rollover	33	29	1	63	9.3
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	2	0	0	2	0.3
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	3	0	0	3	0.4
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	62	41	1	104	15.3
Other/Unknown Event	20	11	0	21	3.1
Grand Total	547	128	3	678	100.0

Collision Sequence of Events by Road System

Figure 4.13

	NWT	In	<u>-</u>		
Non-Moving Objects	Highways	Communities	Rural	Total	%
Hit Parked Trailer	0	1	0	1	0.1
Hit Non-Fixed Object	1	0	0	1	0.1
Hit Building	0	5	0	5	0.7
Hit Ditch	0	0	0	0	0.0
Hit Embankment, Dirt Pile, Rock	2	0	2	4	0.6
Hit Culvert End, Drainage Structure	0	0	0	0	0.0
Hit Tree. Bush, Hedge	0	1	0	1	0.1
Hit Utility Pole, Lamp Pole	0	2	0	2	0.3
Hit Curb	0	0	0	0	0.0
Hit Post	0	5	0	5	0.7
Hit Traffic Barrier	0	1	0	1	0.1
Hit Fixed Object Part of Road Structure	0	2	0	2	0.3
Hit Fixed Object NOT Part of Road Structure	0	2	1	3	0.4
Hit Other Type Fixed Object	0	2	0	2	0.3
Sub Total Fixed Objects	3	21	3	27	4.0
Moveable Objects					
Another Road Vehicle	22	468	11	501	73.9
Animal	12	1	0	13	1.9
Pedestrian	0	12	0	12	1.8
Other Moveable Object	0	0	0	0	0.0
Sub Total Moveable Objects	34	481	11	526	77.6
•					
Non-Collision Events					
Ran Off Road	26	7	2	35	5.2
Rollover	55	6	2	63	9.3
Jack Knife or Trailer Swing	1	0	0	1	0.1
Fire or Explosion	1	1	0	2	0.3
Load Spill	0	0	0	0	0.0
Load Shift	0	0	0	0	0.0
Submersion	1	2	0	3	0.4
Other Non-Collision Event	0	0	0	0	0.0
Sub Total Non-Collision Events	84	16	4	104	15.3
Unknown Event	5	14	2	21	3.1
			l		
Grand Total	126	532	20	678	100.0

Driver Factors

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Driver Factors

This section describes the characteristics of drivers involved in collisions. In 2000, 992 drivers were involved in 678 collisions. This is an average of 1.46 drivers per collision. Details on driver age, gender, condition, action and class of license is presented.

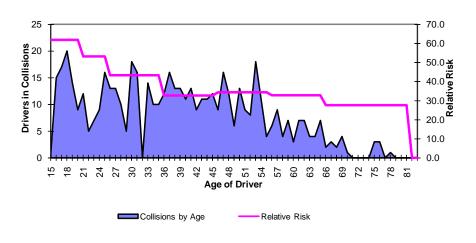
Of particular interest and concern is the over-representation of young drivers in collisions. Drivers aged 15 to 20 years are 1.5 times as likely to be involved in a collision than drivers aged 35 to 44 years. Crash statistics involving young or inexperienced drivers is useful for developing graduated licensing programs.

Licensed Drivers and Drivers in Collisions by Driver Age

Figure 5.1

	Under	16	20	25	35	45	55	65		
	16	to	to	to	to	to	to	and	Not	
		19	24	34	44	54	64	Over	Stated	Total
Licensed Drivers	94	1,103	2,090	5,721	6,624	4,632	1,711	651	0	22,626
Drivers in Collisions	12	62	111	248	216	159	56	18	110	992

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

Relative Risk*	1.4	1.2	1.0	0.7	0.8	0.7	0.6	1.0
Total	61.8	53.1	43.3	32.6	34.3	32.7	27.6	43.8
& Fatal								
Personal Injury	15.0	15.3	11.2	6.2	6.3	8.2	3.1	8.8
Property Damage	46.8	37.8	32.2	26.4	28.1	24.5	24.6	35.0
	19	24	34	44	54	64	Over	
	to	to	to	to	to	to	and	Rate
	15	20	25	35	45	55	65	Average

^{*} 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 1.4 times more likely to be involved in a collision than the average driving population. On average, 6% 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.

	Class	Class	Class	Class	Class	Class Class Class Class Class	Class	Not	S	Not	
Age Group	-	2	3	4	5	9	7	Req'd.	Req'd. Licence Stated	Stated	Total
Under 16	0	þ	ľ	þ	þ	b	þ	₽	2	-	۲
4	0	0	0	0	2	0	0	0	2	0	
2	0	0	0	0	12	0	-	0	0	0	÷
	6	þ	P	þ	12	þ	عا	þ	m	F	2
0.0	0	0	0	0	12	0	c	0	_	0	=
2.0	0	0	0	_	19	0	0	0	m	_	2
21-24	b	F	r	٥	199	b	m	œ	2	6	66
25-34	18	m	2	Ξ	195	-	m	6	_	D	248
35-44	19	က	Ξ	23	148	0	2	2	দ	4	216
45-54	22	m	2	14	109	F	b	þ	m	2	159
75.54	D	0	9	7	38	0	0	0	0	0	99
55 and over	_	0	0	0	16	0	0	-	0	0	18
Not Stated	_	b	P	b	-	6	6	-	_	106	Ħ
Drivers in Collisions	99	10	25	62	632	2	18	31	52	121	992
Total Licensed Drivers	1,276	224		694 1,063 18,100	18,100	2	1,264	V. V.	V/N	ΧX	22,626
Relative Risk*	1 18	1 03	0 82	0.89 1.33	0 80	0 1 9	0 39	4714	4/14	1	1 00

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Number of Drivers Involved in		collisions by	S D	onditio	ondition and Age	+ge							•	† ; 3	
													Not		
Driver Condition	> 16	16	17	8	19	20	21-24	25-34	35-44	45-54	55-64	65+	Stated	Total	%
Apparently Normal	m	6	6	Ξ	Ξ	82	62	184	173	129	47	13	2	671	67.6
Fatiqued, Fell Asleep	0	0	0	0	0	0	0	0	-	0	0	-	0	2	0.2
Inexperience	6	-	2	7	-	-	വ	12	00	-	0	0	2	49	4.9
Under Influence - Alcohol	0	2	-	-	4	e	14	19	10	7	0	-	-	62	6.3
Under Influence - Drugs	0	0	0	0	0	0	0	-	0	0	0	0	0	٦	0.1
Sudden Illness, Lost Consciousness	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0.2
Other Condition	0	0	0	0	0	0	2	7	-	2	m	-	0	19	1.9
Unknown	0	0	-	2	0	2	4	56	23	15	9	2	105	186	18.8
Total	12	12	13	21	16	24	87	248	216	159	99	18	110	992	
%	1.2	1.2	1.3	2.1	1.6	2.4	8.8	25.0	21.8	16.0	5.6	1.8	11.1		100.0

												Not		
Driver Action	< 16 16	17	18	19	20 2,	20 21-24 25-34 35-44 45-54 55-64 65+ Stated	-34 35	44 4	5-54 5	5-64	92+ S		Total	88
Driving Properly	0 4	т	2	2	4	17	38	83	29	20	و	0	309	31.1
Following Too Closely	0 0	0	0	-	-	m	00	2	ঘ	-	-	0	56	2.6
Distracted, Inattentive	1 0	0	2	0	വ	7	17	12	و	2	m	_	26	5.6
Driving Too Fast	0 2	2	Э	Э	7	12	31	24	17	9	0	2	109	11.0
Improper Turning or Passing	0 0	0	m	0	0	2	മ	2	-	2	0	0	8	6
Failing to Yield Right of Way	4 1	3	0	2	-	9	11	13	12	က	9	0	59	5.9
Disobeving Traffic Control/Officer	2 0	0	0	0	0	2	വ	2	ব	0	0	0	15	1.5
Driving on Wrong Side of Road	0 0	-	0	0	0	0	0	-	2	0	0	0	4	0.4
Driving in Wrong Direction	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Backing Unsafelv	2 0	А	33	-	Ф	10	27	31	22	00	3	9	121	12.2
Lost Control	с С	0	দ	က	2	19	8	27	17	Ξ	-	m	124	12.5
Other Driver Action	0	0	0	-	0	က	œ	৵	-	_	-	0	20	2.0
Unknown	0 1	0	-	0	0	0	10	10	9	2	0	98	131	13.2
	12 12	13	21	16	24	87 2	248 2	516	159	99	18	110	992	
	1.2 1.2	1.3	2.1	1.6	2.4	8.8	25.0 2	21.8	16.0	5.6	8.	=======================================		100.0

Vehicle Factors

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Figure	6.1	Number of Vehicles in Collisions by Vehicle Type and Severity	37
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Vehicle Factors

There were a total of 1,197 vehicles involved in 678 collisions in 2000. This is an average of 1.77 vehicles per collision. This section provides details on the different vehicle types involved in collisions.

While TCIS gives a fairly accurate account of the different types of vehicles involved in collisions, it is difficult to compare the relative involvement rate. For example, a highway transport truck, on average, travels 10 times more distance in a year than a passenger car. It is, therefore, necessary to determine the exposure of different types of vehicles. Obtaining accurate and useful information about the travel patterns and distances of different vehicles is a major challenge.

Number of Vehicles in Collisions by Vehicle Type and Severity

Figure 6.1

	Property	Personal			
Vehicle Type	Damage	Injury	Fatal	Total	%
Passenger Car	310	66	0	376	31.4
Passenger Van	97	12	1	110	9.2
Light Utility Vehicle	98	20	0	118	9.9
Pickup Truck	320	61	0	381	31.8
Panel/Cargo Van	24	7	0	31	2.6
Other Truck/Van <= 4536 kg	12	1	0	13	1.1
Unit Truck > 4536 kg	16	2	1	19	1.6
Road Tractor	10	6	0	16	1.3
School Bus	2	0	0	2	0.2
Small School Bus	0	0	0	0	0.0
Urban Transit Bus	0	1	0	1	0.1
Intercity Bus	1	0	0	1	0.1
Bus - Unspecified	0	0	0	0	0.0
Motorcycle	2	4	0	6	0.5
Limited Speed Motorcycle	0	0	0	0	0.0
Off Road Vehicles (ATV)	0	0	0	0	0.0
Bicycle	1	6	0	7	0.6
Motor Home	0	0	0	0	0.0
Farm Equipment	0	0	0	0	0.0
Construction Equipment	2	0	0	2	0.2
Fire Engine	0	0	0	0	0.0
Snowmobile	9	14	3	26	2.2
Streetcar	0	0	0	0	0.0
Other	0	0	0	0	0.0
Unknown	88	0	0	88	7.4
Total	992	200	5	1197	100.0

Number of Vehicles in Collisions by Vehicle Condition and Severity

Figure 6.2

	Property	Personal			
Vehicle Condition	Damage	Injury	Fatal	Total	%
No Apparent Defect	808	169	4	981	82.0
Defective Brakes	3	1	0	4	0.3
Defective Steering	0	0	0	0	0.0
Defective Lighting	1	2	1	4	0.3
Tire Blown Out	2	0	0	2	0.2
Unsecured Load, Spilled Load	0	0	0	0	0.0
Oversized Load, Overload	1	0	0	1	0.1
Visibility Obstructed	6	2	0	8	0.7
Other Defective Vehicular Parts	13	0	0	13	1.1
Other Vehicular Factor	1	1	0	2	0.2
Unknown	157	25	0	182	15.2
Total	992	200	5	1197	100.0

Number of Vehicles in Collisions by Vehicle Manoeuvre and Severity

Figure 6.3

	Property	Personal			
Vehicle Manoeuvre	Damage	Injury	Fatal	Total	%
Going Straight Ahead	299	114	5	418	34.9
Turning Left	53	13	0	66	5.5
Turning Right	44	10	0	54	4.5
Making U-Turn	1	0	0	1	0.1
Changing Lanes	8	2	0	10	0.8
Merging	0	0	0	0	0.0
Reversing	137	4	0	141	11.8
Overtaking	2	1	0	3	0.3
Negotiating Curve	42	15	0	57	4.8
Slowing or Stopped in Traffic	74	30	0	104	8.7
Starting in Traffic	3	0	0	3	0.3
Leaving Roadside	2	0	0	2	0.2
Stopped/Parked Legally	220	5	0	225	18.8
Stopped/Parked Illegally	6	0	0	6	0.5
Swerving to Avoid Collision	9	5	0	14	1.2
Run-away or Roll-away Vehicle	2	0	0	2	0.2
Unspecified Manoeuvre	0	1	0	1	0.1
Other	0	0	0	0	0.0
Unknown	90	0	0	90	7.5
Total	992	200	5	1197	100.0

Number of Vehicles in Collisions by Vehicle Year and Severity

Figure 6.4

	Property	Personal			
Model Year	Damage	Injury	Fatal	Total	%
2001	11	2	0	13	1.1
2000	81	19	0	100	8.4
1999	109	17	1	127	10.6
1998	93	17	0	110	9.2
1997	72	13	0	85	7.1
1996	46	9	0	55	4.6
1995	57	14	0	71	5.9
1994	49	16	0	65	5.4
1993	57	14	0	71	5.9
1992	42	10	0	52	4.3
1991	28	8	0	36	3.0
1990	37	3	0	40	3.3
1989 & O	lder 203	48	2	253	21.1
Unspecified	107	10	2	119	9.9
Total	992	200	5	1197	100.0

Victims and Occupant Restraints

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Victims and Occupant Restraints

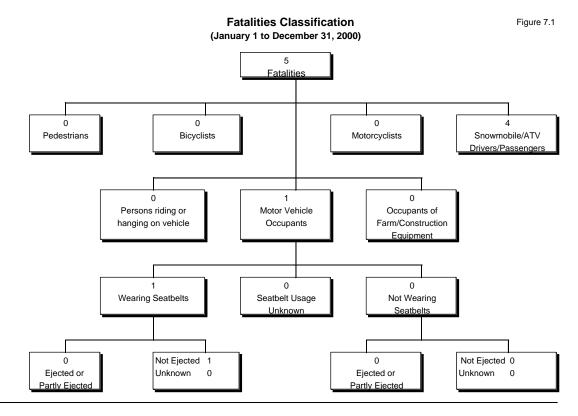
The Traffic Collision Information System (TCIS) attempts to capture information on all road users involved in collisions, whether they are injured or not. This data can be used to calculate exposure rates for road users by injury severity, age, road user class, gender and many other variables.

Figures 7.6, 7.7 and 7.8 show the relationships between the severity of injury to motor vehicle occupants and seat belt use. The number of persons injured while using seat belts is much higher than those not using them. This is because more than 80% of all motor vehicle occupants are belted in during a crash. The severity of injury is also lower for victims using seat belts. In the Northwest Territories, 90% of victims wearing seat belts were not injured. On the other hand, nearly 20% of the victims who were not wearing seat belts were injured or killed.

The proper use of seat belts is an important factor when evaluating their effectiveness in reducing or preventing injuries. This is especially true of young children and the use of child restraints. In the Northwest Territories, less than 35% of children are restrained at all. It is estimated that only half of these are in a correctly installed device and in a device that is appropriate for the size and age of the child.

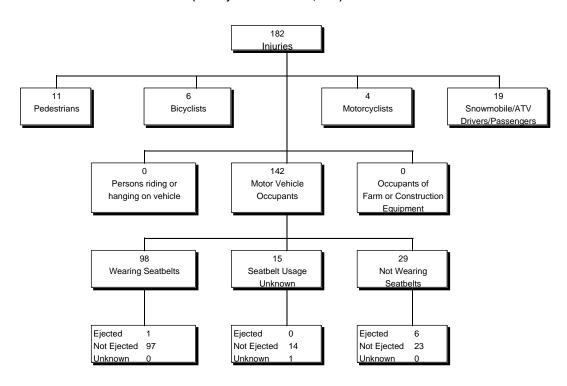
To combat the problem of child restraint misuse-use, child car seat inspection clinics are carried out by the Hay River, Inuvik and Yellowknife Fire Departments. The Car Seat Instructors Program is available to increase the number of qualified persons to conduct inspections at clinics and at occupant restraint checkstops.

For more information on the Car Seat Instructors Program, please call the Department of Transportation, Road Licensing and Safety Division at (867) 920-8918.



Injuries Classification (January 1 to December 31, 2000)

Figure 7.2



Persons Injured by Road User Class and Age Group

Figure 7.3

	0	5	15	20	25	35	45	55	65	Not		
Road User Class	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total	%
Motor Vehicle Driver	0	0	5	12	25	22	15	8	0	0	87	47.8
Motor Vehicle Passenger	4	8	8	10	6	7	2	2	1	7	55	30.2
Pedestrian	0	3	0	1	4	0	0	0	1	2	11	6.0
Bicyclist	0	4	1	0	1	0	0	0	0	0	6	3.3
Motorcyclist (includes	0	0	0	0	3	0	0	0	1	0	4	2.2
passengers												
ATV Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Snowmobile Operators	0	4	2	4	6	2	0	0	0	1	19	10.4
& Passengers												
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	19	16	27	45	31	17	10	3	10	182	100.0

Persons Killed by Road User Class and Age Group

Figure 7.4

	0	5	15	20	25	35	45	55	65	Not		
Road User Class	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total	%
Motor Vehicle Driver	0	0	0	0	0	0	1	0	0	0	1	20.0
Motor Vehicle Passenger	0	0	0	0	0	0	0	0	0	0	0	0.0
Pedestrian	0	0	0	0	0	0	0	0	0	0	0	0.0
Bicyclist	0	0	0	0	0	0	0	0	0	0	0	0.0
Motorcyclist (includes	0	0	0	0	0	0	0	0	0	0	0	0.0
passengers												
ATV Operators & Passengers	0	0	0	0	0	0	0	0	0	0	0	0.0
Snowmobile Operators	0	0	0	3	1	0	0	0	0	0	4	80.0
& Passengers												
Farm/Construction Equipment	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0
Total	0	0	0	3	1	0	1	0	0	0	5	100.0

Persons Injured or Killed by Road User Class and Gender

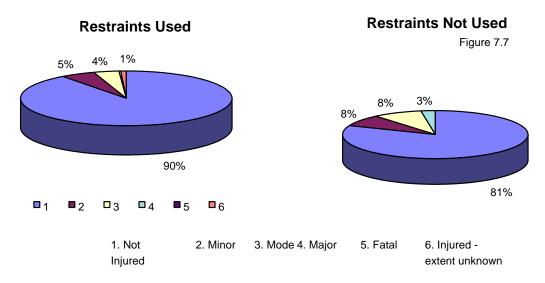
Figure 7.5

		Persons	Injured					
Road User Class	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Motor Vehicle Driver	56	31	0	87	1	0	0	1
Motor Vehicle Passenger	19	36	0	55	0	0	0	0
Pedestrian	8	3	0	11	0	0	0	0
Bicyclist	3	3	0	6	0	0	0	0
Motorcyclist (includes	4	0	0	4	0	0	0	0
passengers)								0
ATV Operators & Passengers	0	0	0	0	0	0	0	0
Snowmobile Operators	10	9	0	19	4	0	0	4
& Passengers								
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	100	82	0	182	5	0	0	5

Motor Vehicle* Occupants by Injury Severity and Restraint Use

					_	Fiç	gure 7.6
			Lap &	Child	Restraint		
	Not	Lap Belt	Torso	Restraint	Use		
Injury Severity	Restrained	Only	Belt	Device	Unknown	Total	%
Not Injured	125	47	808	21	335	1336	90.3
Minimal Injuries	12	6	43	1	4	66	4.5
Minor Injuries	13	7	31	0	8	59	4.0
Major (Hospital	4	0	2	0	0	6	0.4
Admission)							
Fatal	0	0	1	0	0	1	0.1
Injured - Extent	0	1	7	0	3	11	0.7
Unknown							
Total	154	61	892	22	350	1479	100.0

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



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".

Injury Classification

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

Motor Vehicle* Occupants by Injury Severity & Age Group

Figure 7.8

estr		

	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 5	to 645	& older	Stated	Total
Not Injured	41	61	86	95	173	179	134	43	15	49	876
Minimal Injuries	1	6	1	9	12	11	9	1	0	0	50
Minor Injuries	3	2	2	3	9	11	4	3	0	1	38
Major (Hospital Admission)	0	0	0	0	1	1	0	0	0	0	2
Fatal	0	0	0	0	0	0	1	0	0	0	1
Injured - Extent Unknown	0	0	0	2	1	1	3	1	0	0	8
Total	45	69	89	109	196	203	151	48	15	50	975

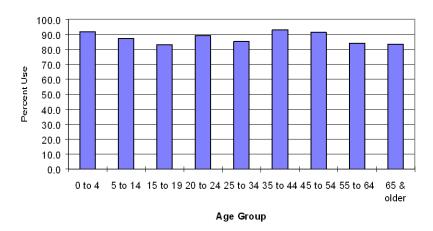
Restraints Not Used

	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	4	10	10	8	29	12	14	5	3	30	125
Minimal Injuries	0	0	3	3	3	2	0	1	0	0	12
Minor Injuries	0	0	4	2	2	1	0	3	0	1	13
Major (Hospital Admission)	0	0	1	0	0	0	0	0	0	3	4
Fatal	0	0	0	0	0	0	0	0	0	0	0
Injured - Extent Unknown	0	0	0	0	0	0	0	0	0	0	0
Total	4	10	18	13	34	15	14	9	3	34	154

 $[\]mbox{\ensuremath{^{\star}}}$ Excludes occupants of motorcycles, mopeds, snowmobiles, all-terrain vehicles, and farm/construction equipment

Victim Restraint Use Rate by Victim Age

Figure 7.9



Pedestrians

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Pedestrians

2000 Quick Facts on Pedestrian Collisions

- · 11 injured
- · none killed
- · 27% of the pedestrians injured were under the age of 15
- · All of the pedestrians were injured within a community
- · 45.5% of pedestrians had been drinking or were impaired by alcohol

Pedestrians Injured or Killed by Age Group

Figure 8.1

	Age Group											
	0	5	15	20	25	35	45	55	65	Not		
	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total	%
Injured	0	3	0	1	4	0	0	0	1	2	11	100.0
Killed	0	0	0	0	0	0	0	0	0	0	0	0.0
<u>Total</u>	0	3	0	1	4	0	0	0	1	2	11	
%	0.0	27.3	0.0	9.1	36.4	0.0	0.0	0.0	9.1	18.2	100.0	100.0

Pedestrians Injured or Killed by Pedestrian Action and Age Group

Figure 8.2

	Age Group											
	0	5	15	20	25	35	45	55	65	Not		
Pedestrian Action	to 4	to 14	to 19	to 24	to 34	to 44	to 54	to 64	& older	Stated	Total	%
Crossing Intersection With Traffic Control, With Right-of-Way	0	0	0	1	1	0	0	0	0	1	3	27.3
Crossing Intersection With Traffic Control, Without Right-of-Way	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Intersection - No Traffic Control	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Roadway at Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0.0
Crossing Roadway Not at Intersection	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking Along Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking Along Roadway With Traffic	0	0	0	0	1	0	0	0	0	0	1	9.1
On Sidewalk, Median, Safety Zone	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Walking on Travelled Part of Roadway With Traffic	0	0	0	0	0	0	0	0	0	0	0	0.0
Coming from Behind Parked Vehicle/Object on Roadside	0	0	0	0	0	0	0	0	0	0	0	0.0
Coming from Behind Moving Vehicle	0	2	0	0	0	0	0	0	1	0	3	27.3
Running into Roadway	0	1	0	0	1	0	0	0	0	1	3	27.3
Getting On/Off School Bus	0	0	0	0	0	0	0	0	0	0	0	0.0
Getting On/Off Other Vehicles	0	0	0	0	0	0	0	0	0	0	0	0.0
Pushing Vehicle on Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Working on Vehicle on Side of Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Playing on Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
Working on Roadway	0	0	0	0	0	0	0	0	0	0	0	0.0
Lying on Road	0	0	0	0	0	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	1	0	0	0	0	0	1	9.1
Total	0	3	0	1	4	0	0	0	1	2	11	100.0

Pedestrians Injured or Killed By Place of Occurrence and Injury Severity

Figure 8.3

Place of Occurrence	Killed	Injured	Total	%
Urban	0	11	11	100.0
Rural	0	0	0	0.0
Unspecified	0	0	0	0.0
Total	0	11	11	100.0

Pedestrians Injured or Killed by Accident Site

Figure 8.4

Accident Site	Killed	Injured	Total	%
Non-Intersection	0	4	4	36.4
At Intersection of At Least Two Roadways	0	5	5	45.5
Intersection With Parking Lot/Driveway/Alley	0	1	1	9.1
Railroad Level Crossing	0	0	0	0.0
Bridge/Overpass/Viaduct	0	0	0	0.0
Tunnel or Underpass	0	0	0	0.0
Passing Lane/Climbing Lane	0	0	0	0.0
Other	0	0	0	0.0
Unspecified	0	1	1	9.1
Total	0	11	11	100.0

Pedestrians Injured or Killed by Pedestrian Condition

Figure 8.5

Pedestrian Condition	Killed	Injured	Total	%
Apparently Normal	0	5	5	45.5
Had Been Drinking	0	5	5	45.5
Impaired by Alcohol	0	0	0	0.0
Unknown	0	1	1	9.1
Total	0	11	11	100.0

Alcohol

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Alcohol

REDUCING ALCOHOL AS A FACTOR IN MOTOR VEHICLE COLLISIONS

The Department of Transportation believes too many people are being killed and injured as a result of drinking and driving in the Northwest Territories. In the fall of 1995, an inter agency committee was struck to develop recommendations to reduce drinking and driving. A draft report containing the recommendations was completed in the summer of 1996.

Amongst the recommendations are:

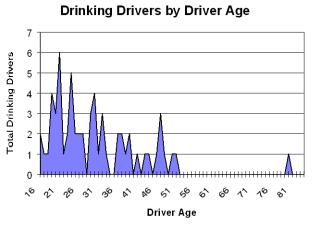
- · 0 blood alcohol concentration (BAC) for new drivers
- · immediate roadside suspension for a BAC greater than .04%
- · 30 to 90 day administrative license suspension
- · increase statutory license suspensions
- · mandatory education program for first and second offenders
- · develop assessment and treatment programs for repeat offenders

The purpose of the recommendations are to reduce the extent of deaths and injuries on NWT roadways. The Department of Transportation, Road Licensing and Safety Division is working with other agencies to realize a reduction in alcohol-related crashes.

Drinking Drivers in Collisions by Driver Age and Gender

Figure 9.1

				Total
Driver			Not	Drinking
<u>Age</u>	Male	Female	Stated	<u>Drivers</u>
Under 16	0	0	0	0
16	2	0	0	2
<u>17</u>	0	1	0	1
18	1	0	0	1
19	2	2	0	4
20	3	0	0	3
21 to 24	13	1	0	14
25 to 34	17	1	0	18
35 to 44	7	3	0	10
45 to 54	6	1	0	7
55 to 64	0	0	0	0
65 & Older	1	0	0	1
Not Stated	0	0	1	1
Total	52	9	1	62



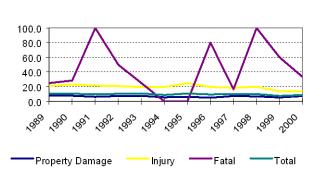
Collisions Involving Alcohol by Day

of Week Figure 9.2

14 12 Number of Collisions 10 8 6 4 2 0 Mon Wed Tue Thu Fri Sat Sun

Percentage of Collisons Involving Alcohol by Year and Severity

Figure 9.3



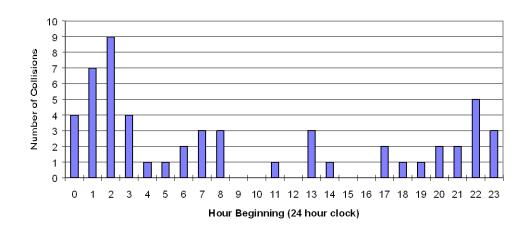
Number of Collisions and Victims Involving Alcohol

Figure 9.4

		Numbe	r of Colli	sions			Number	of Victi	ms
	Property	Personal			% of Total				% of Total
<u>Year</u>	Damage	Injury	Fatal	Total	Collisions	Injured	Killed	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
1996	25	28	8	61	9.6	50	8	58	26.7
1997	33	28	1	62	10.3	43	1	44	19.2
1998	31	27	2	60	10.2	45	2	47	23.7
1999	29	21	3	53	7.7	54	5	59	20.8
2000	41	18	1	60	8.8	30	3	33	17.6
Average	39	31	2	73	9.9	54	3	56	23.4

Number of Alcohol Related Collisions by Time of Day

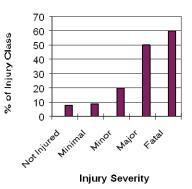
Figure 9.5

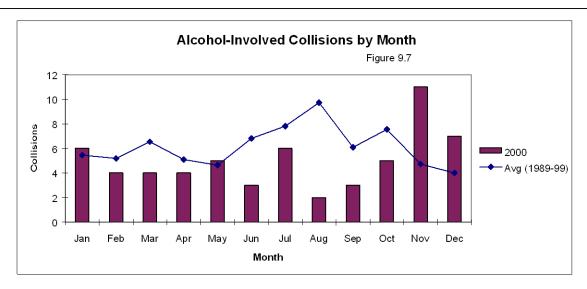


Injury Severity by Alcohol Involvement

~		

_	Alcohol Inv	volvem ent		% with
Injury Severity	Yes	No	Totals	Alcohol
Not Injured	106	1,252	1358	7.8
Minimal Injuries	7	73	80	8.8
Minor	14	57	71	19.7
Major	6	6	12	50.0
Fatal	3	2	5	60.0
Injured - Extent Unknown	3	16	19	15.8
Total	139	1406	1545	9.0





Off-Road Vehicles

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Off-Road Vehicles

Off-road vehicles, including snowmobiles and All-Terrain Vehicles (ATVs) are a common form of transportation throughout the Northwest Territories. The NWT is unique in that these types of vehicles are permitted to operate on roadways in communities. Despite their widespread use, relatively little is known about collisions involving snowmobiles and ATVs. Part of the problem lies with under-reporting to the police. Only those collisions that occur on or adjacent to a roadway are captured by TCIS. This section attempts to describe the details of collisions with off-road vehicles.

From the Figures, the following facts can be noted:

- 63% of off-road vehicle collisions result in injuries or death
- 50% of off-road vehicle drivers involved in collisions are 24 years of age or younger
- · 29.2% of off-road vehicle drivers in collisions had been drinking or were impaired by alcohol
- only 21.6% of off-road vehicle drivers or passengers in collisions were wearing helmets

Off-Road Vehicle Collisions by Month and Severity

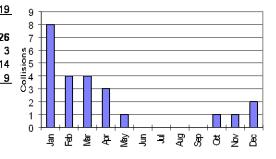
Figure 10.1

	N	Number of Collisions				Victims
	Property	Personal				
Month	Damage	Injury	Fatal	Total	Injured	Killed
January	3	4	1	8	6	1
February	2	2	0	4	2	o
March	1	3	0	4	5	o
April	1	2	0	3	2	0
May	0	1	0	1	1	o
June	0	0	0	0	0	o
Jul y	0	0	0	o	0	o
August	0	0	0	o	0	o
September	0	0	0	0	0	0
October	0	0	1	1	2	3
November	1	0	0	1	0	o
December	1	1	0	2	1	0
Total	9	13	2	24	19	4

Off-Road Vehicle Collisions by Vehicle Type

			Figure 10.2
	Snowmobile	ATV	Total
Total Victims	23	0	23
Killed	4	0	4
Injured	19	0	19
Total Vehicles			
Involved	26	0	26
Fatal	3	0	3
Injury	14	0	14
Property Damage	9	0	9

Off-Road Vehicle Collisions by Month



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

Figure 10.3

	Snowmo	bile			ATV			
Age Group	Male	Female	Unknown	Male	Female	Unknown	Total	%
0 to 4	0	0	0	0	0	0	0	0.0
5 to 14	1	2	0	0	0	0	3	12.5
15 to 19	1	0	0	0	0	0	1	4.2
20 to 24	6	2	0	0	0	0	8	33.3
25 to 34	7	1	0	0	0	0	8	33.3
35 to 44	2	0	0	0	0	0	2	8.3
45 to 54	0	0	0	0	0	0	0	0.0
55 to 64	0	0	0	0	0	0	0	0.0
65 & Over	1	0	0	0	0	0	1	4.2
Unknown	0	0	1	0	0	0	1	4.2
Total	18	5	1	0	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	%
Apparently Normal	3	5	1	9	37.5
Fatigue/Fell Asleep	0	0	0	0	0.0
Inexperience	1	4	0	5	20.8
Under Influence - Alcohol	1	4	2	7	29.2
Under Influence - Drugs	0	0	0	0	0.0
Sudden Illness, Lost Consiousness	0	0	0	0	0.0
Other Condition	0	0	0	0	0.0
Unknown	2	1	0	3	12.5
Total	7	14	3	24	100.0

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

					Figure 10.5
	Property	Personal			
Driver Action	Damage	Injury	Fatal	Total	%
Driving Properly	0	1	0	1	4.2
Following Too Closely	0	0	0	0	0.0
Distracted, Inattentive	0	0	1	1	4.2
Driving Too Fast for Conditions	3	3	2	8	33.3
Improper Turning or Passing	0	0	0	0	0.0
Failed to Yield Right-of-Way	1	1	0	2	8.3
Disobeyed Traffic Control or Officer	0	3	0	3	12.5
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	1	0	1	4.2
Lost Control	3	4	0	7	29.2
Other	0	0	0	0	0.0
Unknown	0	1	0	1	4.2
Total	7	14	3	24	100.0

Off-Road Vehicle Occupants by Injury Severity and Helmet Use

					Figure 10.6
	Helmet	Helmet			
Injury Severity	Worn	Not Worn	Unknown	Total	%
Not Injured	3	11	1	15	39.5
Minimal Injuries	0	4	0	4	10.5
Minor Injuries	2	7	0	9	23.7
Major (Hospital Admission)	2	3	0	5	13.2
Fatal	0	4	0	4	10.5
Injured - Extent Unknown	1	0	0	1	2.6
Total	8	29	1	38	100.0

Geographic Distribution

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Geographic Distribution

Figure 11.1 is a detailed summary of collisions by Region, RCMP detachment and severity. Sixty-one percent of the collisions took place in the North Slave Region. The North Slave Region also accounted for 48.4% of persons injured. Four-fifths of the fatalities took place in the Inuvik Region. Figure 11.2 shows collision rates per 100 licensed drivers, registered vehicles and population by Region and RCMP detachment.

Figure 11.3 describes collisions that occurred on the NWT Highway system. Collisions are summarized by location (along numbered highways), date, severity, configuration, and the number of persons injured and killed. Highway 3 (Yellowknife Highway) accounted for 35% of the collisions occurring on the numbered highway system.

Figure 11.4 is a map showing the number of collisions on various segments of the NWT Highway system, including Access and Winter roads. Figure 11.5 is a map showing the corresponding collision rates expressed in the number of collisions per million vehicle-kilometres of travel.

Collisions by Region, RCMP Detachment and Severity

Figure 11.1

A - Inuvik Region

		Number	of Collisions		Number	of Victims
RCMP	Property	Personal				
Detachment	Damage	Injury	Fatal	Total	Injured	Killed
Aklavik	1	2	1	4	4	1
Deline	2	0	0	2	0	0
Fort Good Hope	1	1	1	3	3	3
Fort McPherson	5	1	0	6	1	0
Holman	0	0	0	0	0	0
Inuvik	61	11	0	72	17	0
Norman Wells	2	2	0	4	2	0
Sachs Harbour	0	0	0	0	0	0
Tuktoyaktuk	5	3	0	8	4	0
Tulita	1	0	0	1	0	0
Sub Total	•	•	•			
Inuvik Region	78	20	2	100	31	4

B - Fort Simpson Region

		Number o	f Collisions		Number of Victims				
RCMP	Property	Personal			Trainison or vio				
Detachment	Damage	Injury	Fatal	Total	Injured	Killed			
Fort Liard	15	5	0	20	6	0			
Fort Simpson	15	6	0	21	7	0			
Sub Total	•				_				
Fort Simpson Region	30	11	0	41	13	0			

C - South Slave Region

		Number of	of Collisions		Number of	of Victims	
RCMP	Property	Personal					
Detachment	Damage	Injury	Fatal	Total	Injured	Killed	
Hay River	60	19	0	79	32	0	
Fort Providence	6	5	0	11	7	0	
Fort Resolution	3	1	0	4	2	0	
Fort Smith	20	8	0	28	9	0	
Lutsel K'e	0	0	0	0	0	0	
Sub Total							
South Slave Region	89	33	0	122	50	0	

D - North Slave Region

		Number of		Number of Victims				
RCMP	Property	Personal						
Detachment	Damage	Injury	Fatal	Total	Injured	Killed		
Rae/Wha Ti	36	10	1	47	18	1		
Yellowknife	314	54	0	368	70	0		
Sub Total								
North Slave Region	350	64	1	415	88	1		

Total - All						
Regions	547	128	3	678	182	5

Collision Rates by Region and RCMP Detachment

Figure 11.2

A - Inuvik Region

						Collision Rates	
RCMP	Number of	Licensed	Registered	Population	Collisions/	Collisions/	Collisions/
Detachment	Collisions	Drivers [1]	Vehicles [1]	(2000	100 Licensed	100 Registered	100
				estimate [2])	Drivers	Vehicles	Population
Aklavik	4	163	84	748	2.45	4.76	0.53
Deline	2	151	59	645	1.32	3.39	0.31
Fort Good Hope	3	159	67	843	1.89	4.48	0.36
Fort McPherson	6	258	219	1,105	2.33	2.74	0.54
Ulukhaktok	0	66	102	470	0.00	0.00	0.00
Inuvik	72	1,705	1,665	3,451	4.22	4.32	2.09
Norman Wells	4	541	695	882	0.74	0.58	0.45
Sachs Harbour	0	41	33	153	0.00	0.00	0.00
Tuktoyaktuk	8	316	250	1,132	2.53	3.20	0.71
Tulita	1	137	60	506	0.73	1.67	0.20
Sub Total							
Inuvik Region	100	3,537	3,234	9,935	2.83	3.09	1.01

B - Fort Simpson Region

						Collision Rates	
RCMP Detachment	Number of Collisions	Licensed Drivers (1)	Registered Vehicles [1]	Population (2000	Collisions/ 100 Licensed	Collisions/ 100 Registered	Collisions/ 100
2000		2		estimate [2])	Drivers	Vehicles	Population
Fort Liard	20	210	268	524	9.52	7.46	3.82
Fort Simpson	21	777	910	1,656	2.70	2.31	1.27
Sub Total							
Fort Simpson Region	41	987	1,178	2,180	4.15	3.48	1.88

C - South Slave Region

						Collision Rates	
RCMP	Number of	Licensed	Registered	Population	Collisions/	Collisions/	Collisions/
Detachment	Collisions	Drivers [1]	Vehicles [1]	(2000	100 Licensed	100 Registered	100
				estimate [2])	Drivers	Vehicles	Population
Hay River	79	2,714	3,567	4,191	2.91	2.21	1.88
Fort Providence	11	267	303	837	4.12	3.63	1.31
Fort Resolution	4	228	224	562	1.75	1.79	0.71
Fort Smith	28	1,483	1,556	2,625	1.89	1.80	1.07
Lutsel K'e	0	69	45	377	0.00	0.00	0.00
Sub Total							
South Slave Region	122	4,761	5,695	8,592	2.56	2.14	1.42

D - North Slave Region

						Collision Rates	
RCMP Detachment	Number of Collisions	Licensed Drivers [1]	Registered Vehicles [1]	Population (2000 estimate [2])	Collisions/ 100 Licensed Drivers	Collisions/ 100 Registered Vehicles	Collisions/ 100 Population
Behchoko/Whati	47	731	681	2,772	6.43	6.90	1.70
Yellowknife	368	12,610	12,583	18,231	2.92	2.92	2.02
Sub Total North Slave Region	415	13,341	13,264	21,003	3.11	3.13	1.98

Regions	678	22,626	23,371	42,100	3.00	2.90	1.61
Total - All							

^[1] Number of registered vehicles and licensed drivers are as of December 31, 2000.

^{[2] 2000} population from NWT Bureau of Statistics July 1 estimate published in 'Quarterly Report', March 2001.

Collisions on the NWT Highway System

Figure 11.3

Highway #1	On Km	Collision	Collision		Collision	# Persons	# Persons
(Mackenzie)		Date	Severity		Configuration	Injured	Killed
	22.8	4-Aug-2000	Property Damage	Single Vehicle Rollover		0	0
	33.8	6-Jan-2000	Property Damage	Single Vehicle Rollover		0	0
	40.0	31-Mar-2000	Injury	Single Vehicle Rollover		2	0
	40.0	1-Oct-2000	Property Damage	Ran Off Road		0	0
	40.4	17-Nov-2000	Injury	Ran Off Road		1	0
	61.0	24-Jul-2000	Injury	Ran Off Road		1	0
	67.6	23-Dec-2000	Injury	Ran Off Road		1	0
	73.0	14-Oct-2000	Injury	Single Vehicle Rollover		3	0
	81.8	28-Oct-2000	Injury	Single Vehicle Rollover		2	0
	109.8	5-Aug-2000	Property Damage	Ran Off Road		0	0
	298.0	22-Sep-2000	Injury	Single Vehicle Rollover		2	0
	316.0	20-Oct-2000	Injury	Ran Off Road		1	0
	375.0	24-Jun-2000	Property Damage	Other Single Vehicle Co	llision	0	0
	454.4	9-Jun-2000	Injury	Single Vehicle Rollover		1	0
	610.0	16-Feb-2000	Property Damage	Animal Strike		0	0
	625.0	21-Feb-2000	Property Damage	Ran Off Road		0	0
	687.2	14-Dec-2000	Property Damage	Ran Off Road		0	0
Summary	Property	Personal					
Highway #1	Damage	Injury	Fatal		Total	Persons	Persons
riigiiway #1	Collisions	Collisions	Collisions		Collisions	Injured	Killed
	8	9	COMSIONS (17	14	0
Llimburar #2	On Km	Collision	Collision		Collision	# Persons	# Persons
Highway #2	On Kill						
(Hay River)	14.0	13-Feb-2000	Severity	Single Vehicle Rollover	Configuration	Injured 0	Killed
			Property Damage	•			0
	16.0	1-Oct-2000	Property Damage	Single Vehicle Rollover		0	0
	25.6	21-Jan-2000	Injury	Single Vehicle Rollover		1 0	<u>0</u> 0
	37.0	14-Dec-2000	Property Damage	Rear End		-	
	38.3	9-Jun-2000	Property Damage	Right Angle		0	0
	39.1	18-Oct-2000	Injury	Rear End		1	0
	39.6	3-Jul-2000	Property Damage	Single Vehicle Rollover		0	0
	40.0	13-Feb-2000	Property Damage	Collision with Fixed Obje	ect	0	0
	40.0	12-Aug-2000	Property Damage	Single Vehicle Rollover		0	0
	40.7	19-Dec-2000	Property Damage	Single Vehicle Rollover		0	0
	41.2	13-Sep-2000	Injury	Single Vehicle Rollover		1	0
Summary	Property	Personal					
Highway #2	Damage	Injury	Fatal		Total	Persons	Persons
	Collisions	Collisions	Collisions	.	Collisions	Injured	Killed
	8	3	()	11	3	0

Geographic Distribution – Section 11

Highway #3	On Km	Collision	Collision	Collis		
(Yellowknife)		Date	Severity		<u>tion Injured</u>	Killed
	25.9	13-Feb-2000	Injury	Ran Off Road	1	0
	27.7	26-Oct-2000	Property Damage	Animal Strike	0	0
	46.0	22-Sep-2000	Injury	Animal Strike	1	0
	56.4	10-Dec-2000	Injury	Animal Strike	1	0
	82.0	1-Jul-2000	Injury	Ran Off Road	3	0
	116.4	29-Jun-2000	Property Damage	Other Single Vehicle Collision	0	0
	135.0	24-Oct-2000	Property Damage	Animal Strike	0	0
	150.0	1-Oct-2000	Property Damage	Animal Strike	0	0
	154.0	12-Sep-2000	Property Damage	Animal Strike	0	0
	185.0	28-Jan-2000	Injury	Single Vehicle Rollover	2	0
	196.0	2-Nov-2000	Property Damage	Ran Off Road	0	0
	238.0	21-Oct-2000	Property Damage	Other Multi-Vehicle Different Direction	on 0	0
	244.0	8-Aug-2000	Property Damage	Single Vehicle Rollover	0	0
	245.0	22-Jul-2000	Property Damage	Rear End	0	0
	248.0	19-Dec-2000	Property Damage	Single Vehicle Rollover	0	0
	250.0	2-Apr-2000	Property Damage	Collision with Fixed Object	0	0
	250.0	28-May-2000	Injury	Single Vehicle Rollover	5	0
	255.2	12-May-2000	Injury	Passing - Left Turn	1	0
	258.0	8-Oct-2000	Property Damage	Ran Off Road	0	0
	260.0	8-May-2000	Property Damage	Collision with Fixed Object	0	0
	262.0	13-Apr-2000	Property Damage	Ran Off Road	0	0
	264.0	5-Sep-2000	Property Damage	Single Vehicle Rollover	0	0
	269.0	23-Oct-2000	Injury	Single Vehicle Rollover	1	0
	271.0	2-Mar-2000	Injury	Ran Off Road	1	0
	272.0	4-Nov-2000	Property Damage	Single Vehicle Rollover	0	0
	280.0	2-Nov-2000	Property Damage	Single Vehicle Rollover	0	0
	288.3	20-Feb-2000	Injury	Single Vehicle Rollover	1	0
	288.8	1-Nov-2000	Property Damage	Single Vehicle Rollover	0	0
	292.0	4-Aug-2000	Fatal	Single Vehicle Rollover	2	1
	298.8	17-Mar-2000	Property Damage	Sideswipe - Opposite Direction	0	0
	317.7	12-Jan-2000	Property Damage	Animal Strike	0	0
	323.8	27-Aug-2000	Property Damage	Single Vehicle Rollover	0	0
	338.3	4-Feb-2000	Property Damage	Collision with Fixed Object	0	0
	338.8	10-Mar-2000	Injury	Rear End	1	0
	338.8	15-May-2000	Property Damage	Collision with Fixed Object	0	0
Summary	Property	Personal				
Highway #3	Damage	Injury	Fatal	Ta	otal Persons	Persons
J,	Collisions	Collisions	Collisions			Killed
	23	11	1		35 20	1

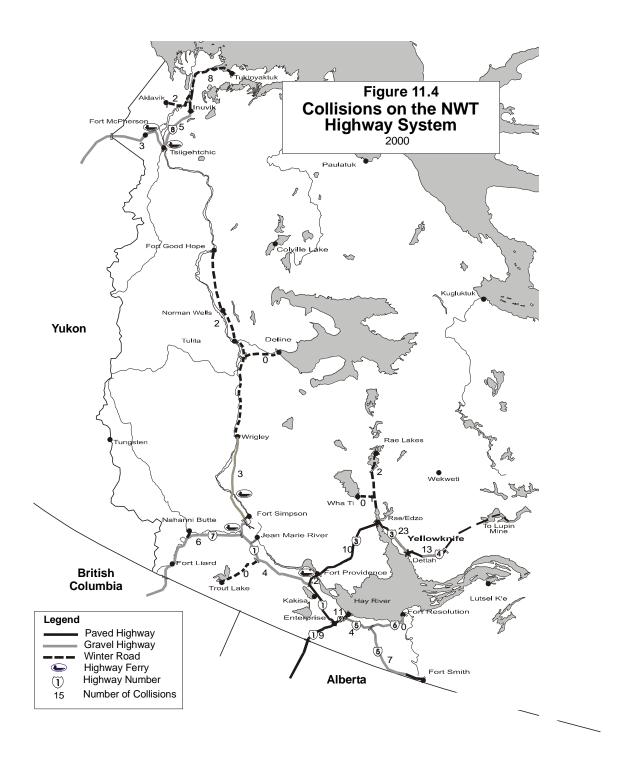
Geographic Distribution – Section 11

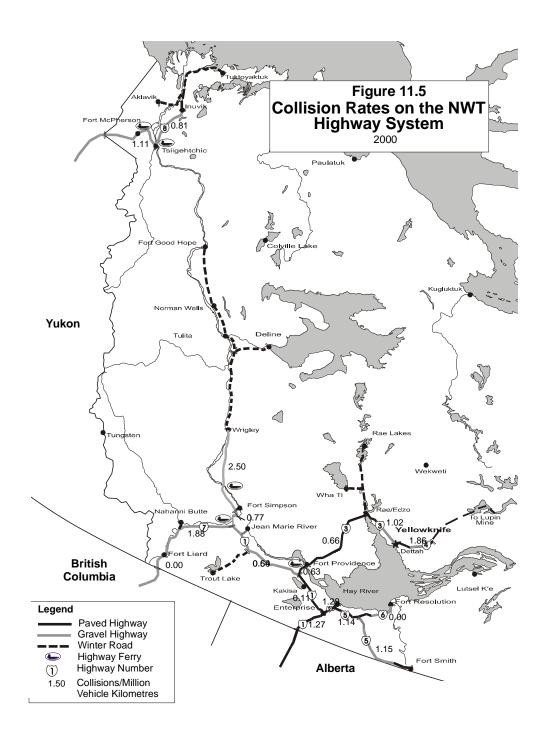
Highway #4 (Ingraham Trail)	On Km	Collision Date	Collision Severity	,	Collision Configuration	# Persons Injured	# Persons Killed
	0.0	16-Nov-2000	Injury	Left Turn Across Path		2	0
	0.6	21-Oct-2000	Property Damage	Collision with Fixed Obje	ect	0	0
	1.4	19-Jul-2000	Injury	Single Vehicle Rollover		2	0
	1.5	13-Dec-2000	Property Damage	Rear End		0	0
	3.1	1-Feb-2000	Property Damage	Passing - Left Turn		0	0
	11.8	14-May-2000	Property Damage	Collision with Fixed Obje	ect	0	0
	16.8	12-Apr-2000	Property Damage	Sideswipe - Opposite Di	rection	0	0
	19.2	22-May-2000	Injury	Ran Off Road		1	0
	36.3	18-Jun-2000	Property Damage	Single Vehicle Rollover		0	0
	42.0	3-Jan-2000	Property Damage	Rear End		0	0
	54.0	24-May-2000	Property Damage	Ran Off Road		0	0
	58.0	28-Feb-2000	Injury	Ran Off Road		2	0
	59.2	26-Feb-2000	Property Damage	Single Vehicle Rollover		0	0
Summary	Property	Personal					
Highway #4	Damage	Injury	Fatal		Total	Persons	Persons
	Collisions	Collisions	Collisions	1	Collisions	Injured	Killed
	9	4	0		13	7	0
Highway #5	On Km	Collision	Collision		Collision	# Persons	# Persons
(Fort Smith Highway)		Date	Severity	,	Configuration	Injured	Killed
	2.2	11-Nov-2000	Property Damage	Collision with Fixed Obje	ect	0	0
	5.0	30-Jul-2000	Injury	Ran Off Road		5	0
	5.0	2-Aug-2000	Property Damage	Single Vehicle Rollover		0	0
	15.5	13-Feb-2000	Injury	Single Vehicle Rollover		4	0
	98.0	24-Oct-2000	Property Damage	Animal Strike		0	0
	106.0	10-Sep-2000	Property Damage	Animal Strike		0	0
	110.0	9-Dec-2000	Property Damage	Animal Strike		0	0
	115.0	19-Oct-2000	Injury	Single Vehicle Rollover		1	0
	156.0	5-Mar-2000	Injury	Single Vehicle Rollover		2	0
	188.0	17-Oct-2000	Property Damage	Single Vehicle Rollover		0	0
	243.3	13-Mar-2000	Property Damage	Single Vehicle Rollover		0	0
Summary	Property	Personal					
Highway #5	Damage	Injury	Fatal		Total	Persons	Persons
	Collisions	Collisions	Collisions		Collisions	Injured	Killed
	7	4	0		11	12	0
Highway #6	On Km	Collision	Collision		Collision	# Persons	# Persons
(Fort Resolution Highway)		Date	Severity	,	Configuration	Injured	Killed
Summary	Property	Personal					
Highway #6	Damage	Injury	Fatal		Total	Persons	Persons
	Collisions	Collisions	Collisions	•	Collisions	Injured	Killed
	0	0	Comsions		0	0	0

Highway #7 (Liard Highway)	On Km	Collision Date	Collision Severity	1	Collision Configuration	# Persons Injured	# Persons Killed
	132.6	24-May-2000	Property Damage	Single Vehicle Rollover		0	0
	135.0	20-Jun-2000	Injury	Single Vehicle Rollover		1	0
	142.0	11-Nov-2000	Property Damage	Ran Off Road		0	0
	168.1	8-Mar-2000	Property Damage	Single Vehicle Rollover		0	0
	184.1	7-Jan-2000	Injury	Ran Off Road		1	0
	217.7	19-Jul-2000	Injury	Single Vehicle Rollover		1	0
Summary	Property	Personal					
Highway #7	Damage	Injury	Fatal		Total	Persons	Persons
	Collisions	Collisions	Collisions		Collisions	Injured	Killed
	3	3	0)	6	3	0
Highway #8 (Dempster Highway)	On Km	Collision Date	Collision Severity	,	Collision Configuration	# Persons Injured	# Persons Killed
- Ingilway	3.0	2-Feb-2000	Property Damage	Ran Off Road		0	0
	19.2	2-Jan-2000	Injury	Animal Strike		1	0
	132.4	27-Sep-2000	Property Damage	Ran Off Road		0	0
	168.0	5-Aug-2000	Injury	Single Vehicle Rollover		1	0
	229.2	11-Sep-2000	Property Damage	Single Vehicle Rollover		0	0
	269.3	14-Sep-2000	Injury	Single Vehicle Rollover		1	0
	269.8	3-Feb-2000	Property Damage	Passing - Left Turn		0	0
	272.4	17-Oct-2000	Property Damage	Other Multi-Vehicle Diffe	erent Direction	0	0
Summary	Property	Personal					
Highway #8	Damage	Injury	Fatal		Total	Persons	Persons
	Collisions	Collisions	Collisions	<u> </u>	Collisions	Injured	Killed
	5	3	0)	8	3	0

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Access and		Collision	Collision		# Persons	# Persons
Winter Roads Aklavik Winter Acces	es Pond	<u>Date</u> 3-Jan-2000	Severity Fatal	Configuration Rear End	Injured 1	Killed 1
Aklavik Winter Acces		22-Mar-2000	Property Damage	Single Vehicle Rollover	0	0
Deline Winter Acces		10-Mar-2000	Property Damage	Sideswipe - Opposite Direction	0	0
Dettah Access Road		14-Jan-2000	Property Damage	Right Angle	0	0
Dettah Access Road		31-Jan-2000	Property Damage	Collision with Parked Vehicle	0	0
Dettah Access Road		14-Dec-2000	Property Damage	Ran Off Road	0	0
Fort Liard Access Ro		10-Jan-2000	Property Damage	Single Vehicle Rollover	0	0
Fort Simpson Acces		12-Feb-2000	Property Damage	Ran Off Road	0	0
Hay River Reserve		2-Oct-2000	Property Damage	Single Vehicle Rollover	0	0
Highway 3 Ice Cross		12-Jan-2000	Property Damage	Other Single Vehicle Collision	0	0
Inuvik-Tuktoyaktuk V	-	19-Feb-2000	Property Damage	Single Vehicle Rollover	0	0
Inuvik-Tuktoyaktuk V		18-Mar-2000	Injury	Single Vehicle Rollover	2	0
Inuvik-Tuktoyaktuk V		21-Mar-2000	Property Damage	Single Vehicle Rollover	0	0
Inuvik-Tuktoyaktuk V		12-Apr-2000	Property Damage	Right Angle	0	0
Inuvik-Tuktoyaktuk V		21-Apr-2000	Property Damage	Single Vehicle Rollover	0	0
Inuvik-Tuktoyaktuk V		27-Apr-2000	Property Damage	Ran Off Road	0	0
Inuvik-Tuktoyaktuk V		3-May-2000	Property Damage	Single Vehicle Rollover	0	0
Inuvik-Tuktoyaktuk V		27-Dec-2000	Injury	Single Vehicle Rollover	6	0
Mackenzie Highway		28-Feb-2000	Injury	Single Vehicle Rollover	1	0
Mackenzie Highway		11-Mar-2000	Property Damage	Sideswipe - Opposite Direction	0	0
Rae Access Road		22-Jan-2000	Injury	Single Vehicle Rollover	1	0
Rae Lakes Winter A	ccess Road	3-Mar-2000	Property Damage	Ran Off Road	0	0
Rae Lakes Winter A	ccess Road	24-Mar-2000	Property Damage	Single Vehicle Rollover	0	0
Vee Lake Access Ro	oad	9-Jan-2000	Property Damage	Head-on	0	0
Yellowknife Access	Road	19-Dec-2000	Injury	Single Vehicle Rollover	1	0
Summary	Property	Personal				
Access and	Damage	Injury	Fatal	Total	Persons	Persons
Winter Roads	Collisions	Collisions	Collisions	Collisions	Injured	Killed
	19	5	1	25	12	1
Summary	Property	Personal				
All NWT	Damage	Injury	Fatal	Total	Persons	Persons
Highways	Collisions	Collisions	Collisions	Collisions	Injured	Killed
	82	42	2	126	74	2

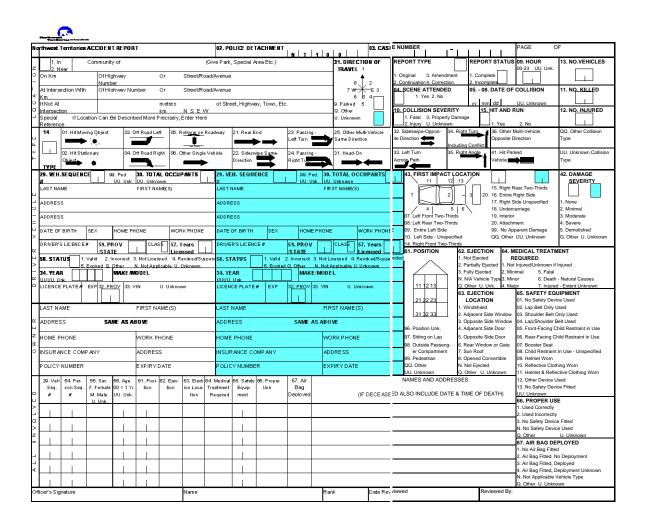




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Appendix

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Section	A1	Northwest Territories Motor Vehicle Collision (MVA) Report Form Side I	72
	A2	Northwest Territories MVA Report Form Side II	73
	A3	Brief Description of Fatal Collisions	74



MacAGOMY COMPIGNATION Compared the compared of the compare	F	1	1	T			
Content County Co					48. DRIVER ACTION	68. PEDESTRIAN ACTION	INDEPENDENT WITNESSES
Section (1997) Sect					21. Following Too Closely		Last Name First Name
Description College							
Section Committee Commit							Address
Section Continue							
1. Musely					25. Fail To Yield Right-Of-Way	06. Walking On Roadway Against Traffic	Home Phone Work Phone
Column					26. Disobeyed Traffic Control Device/	07. Walking On Roadway With Traffic	
1. Final Explanation 1. Security 1. Se					Police Officer	08. On Sidewalk, Median, Safety Zone	Last Name First Name
File Color and the Property Color and th					27. Driving On Wrong Side Of Road		
Liberton Environment Comment Control Contr							Address
Domestic Charley No.					30. Lost Control	12. Coming From Behind Moving Vehicle	
Record R							Home Phone Work Phone
S. Raming S. Patholius, Bumps, Ralls S. Bernergi Post Collaborary S. Bernergi Post Co			QQ. Other UU. Unknown		QQ. Other UU. Unknown	14. Getting On/Off School Bus	
S. Bowlering Park Industrial			20 VEHIOLE HOE		49. VEHICLE FACTORS	15. Getting On/Off Vehicle	ADDITIONAL WITNESSES ON FILE?
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Marriago Concorded Finded Hardings Concorded Finded							
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1. Strong Wind 2. Other 2. ROAD ALCHMENT 5. Singth And Level 6. Street Pales 7. Ambulance 4. 4. 6. VEHICLE EVENTS NOCOLLISON R. VEHICLE 1. Singth And Level 6. Street Pales 6. Street Pales 6. Street Pales 7. Ambulance 6. Street Pales 7. Ambulance 6. Street Pales 7. Ambulance 7. 7. Am							
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Bullet County Simplet And Level 1. Daylingt Will Grade 1. Dayli				44 - 46 VEHICLE EVENTS		QQ. Other UU. Unknown Ped 4	1
15. Log-light Win Clonder 1. Delivery Whelice 1. Delivery Wh							
Daylight Daylight D. Current And Luevil No. Date Daviewy Nehicle Daylight Da							
2. Dank						1	
S. Dunkes S. Top Of HillGradient 12. Uillies Martenance 0. Bottom Of HillGradient 13. Fire Regross 0. Fire Of Epision University 0. Dunker 0. Commercial Use 0. Commerci							
S. Datheress G. Bottom Of HeliQradent D. Fire Response S. Fire Response S. Fire Of Epiposism O. Other O. Ot							
Deliveron							
19. ARTIFICIAL LIGHT OL O. Other O. Other O. Other O. O. Other O. Ot							
U. U	19. ARTIFICIAL LIGHT	U. Unknown					
1. No Americal Light - On 1. Trains Signis - Spains - Open 1. American Light - On 2. Aminical Light - On 3. Stops Spin 3. Stops Spin 3. Aminical Light - On 3. Aminical Light - On 3. Commercial Full Trailer 3. Aminical Light - On 3. Co	CONDITION	27. TRAFFIC CONTROL	UU. Unknown	08. Submersion			
2. Artificial Light: Off 1. Agricultury 1. Artificial Light: Off 1. Agricultury 1. Artificial Light: Off 1. Agricultury 1. Agric	No Artificial Light	01. Traffic Signals - Oper.		09. Other Non-Collision Event			
S. Affician Light: Uniforcian 20. ROAD CLASSIFICATION II 2. Rival 2. History 3. Federal Signing 5. Reference of Guesswalk 7. Police Officer 3. Federal Signing 5. Reference of Guest Flagman 5. Short Signing 5. Reference of Guest Flagman 5. Addition 5. Reference of Guest Flagman 5. Short Signing 6. School Guard, Flagman 1. Recreational Trailer 2. Attendable Will Basining 1. Recreational Trailer 2. Road Markings 1. School Buss Stopped 1. Unknown 2. Road DLASSIFICATION III 1. Recreational Trailer 1. Recreational Trailer 2. Recreational Trailer 3. School Buss Stopped 1. Unknown 5. Two Semi-Trailers, Partnan 7. Two Semi-Trailers, Crimain 1. Trailers, Crimain 1. Trailer, Crimain 2. The History Month-Lane 3. Gravel 3. Unknown 5. Divided, With Baster 6. Divided Signed Provided 6. Recommendate Vehicle 6. Divided Signed Provided 6.	2. Artificial Light - On	02. Traffic Signals - Flashing	37. EMERGENCY USE	HIT MOVING OBJECTS:		4	
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2. Arrefail							
2. And Markings 4. Local 1. No Passing Zone Sign 4. Local 1. No Passing Zone Sign 5. Commercial Full Irailer 4. Local 1. No Passing Zone Sign 6. Two Semi-Trailers 1. Brain 1. School Bus Stopped 1. Lights Rashing 1. School Bus Stopped 1. Lights Nor-Flatel Standard Vehicle 2. ROAD CLASSIFICATION III 1. One-Way, 2-Lane 2. One-Way, Auth-Lane 2. One-Way, Mult-Lane 2. One-Way, Mult-Lane 2. One-Way, Mult-Lane 3. Individed, 2-Way, Mult-Lane 4. Lights Nor-Flatel Signs Only 17. Unknown 2. One-Way, Mult-Lane 3. Divided, With Median 4. Undivided, 2-Way, Mult-Lane 5. Divided, With Median 6. Divided, With Median 7. Divided Type Integrating Lights On 7. Divided Type Integrating Lights On 7. Divided Type Integrating Lights On 7. Segment Trailers 7. Radioactives 8. Max. Dangsrous Goods 9. Max. Dangsrous						DIAGRAM Use Solid Direction Lines Bef	ore Impact and Broken Lines After
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23. ROAD MATERIAL		20. TOOTED OF LED LIMIT			/Pedestrian		
1. Asphalt UUU_Ulknown							
2. Concrete		+ ,,					
3. Gravel	23. ROAD MATERIAL	UUU Unknown	5. Fog Or Auxiliary Lights On	39. Hit Other Type Fixed Object	Dead, Alcohol Use Suspected		
4. Earth, Dirt 02. Passenger Van 02. Passenger Van 02. Chop: Chop Van 03. Light Utility Vehicle 03. Light Utility Vehicle 04. Pickup Truck, To 4500 kg 07. Wood 05. Panel/Cargo Van, To 4500 kg 08. Steel Deck 06. Orther Truck, Van, To 4500 kg 07. Whit Truck, > 4500 kg 07. Whit Truck, > 4500 kg 07. Whit Truck, > 4500 kg 08. Steel Deck 08. Road 07. Until Truck, > 4500 kg 07. Whit Tru	23. ROAD MATERIAL 1. Asphalt		5. Fog Or Auxiliary Lights On Q. Other	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol	POLICE COMMENTS	
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S. Brick/Cobblestone O4, Pickup Truck, To 4500 kg O5, Panel/Carpg Vari To 4500 kg O5, Depter Truck, Vari To 4500 kg O5, Stopped in Traffic O5, Under Influence - Drugs O6, Stopped in Traffic O5, Under Influence - Drugs O7, Passenger UUU. Unknown O7, Passenger UUU. Un	23. ROAD MATERIAL 1. Asphalt 2. Concrete 3. Gravel	35. VEHICLE TYPE 01. Passenger Car	5. Fog Or Auxiliary Lights On Q. Other U. Unknown	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other UU. Unknown 47. DRIVER/PEDESTRIAN	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons,	POLICE COMMENTS	
7. Wood 05. Panel/Cargo Van,To 4500 kg 8. Steel Deck 06. Other Truck, Van,To 4500 kg 9. Ise Road 07. Unit Truck, > 4500 kg 9. Ise Road 07. Unit Truck, > 4500 kg 9. Other 08. Road Tractor UUU. Unknown NN. Apparently Normal UUU. Unknown NN. Apparently Normal UUU. Unknown NN. Apparently Normal Ped 2 1. Wood 05. Panel/Cargo Van,To 4500 kg 9. Other 08. Road Tractor UUU. Unknown NN. Apparently Normal UUU. Unknown NN. Apparently Normal NN. Apparently NN. Apparently Normal NN. Apparently Normal NN. Apparently Normal NN. Apparently Normal NN. Apparently NN. Apparently Normal NN. Apparently NN. Appar	23. ROAD MATERIAL 1. Asphalt 2. Concrete 3. Gravel 4. Earth, Dirt	35. VEHICLE TYPE 01. Passenger Car 02. Passenger Van	5. Fog Or Auxiliary Lights On Q. Other U. Unknown	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other UU. Unknown 47. DRIVER/PEDESTRIAN CONDITION	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons, Alcohol Use Suspected	POLICE COMMENTS	
8. Steel Disck 06. Other Truck, Van. To 4500 kg 000. Stopped in Traffic 04. Under finitiance - Drugs Dirt 1 Dir2 PROPOSED ACTION 0. Stopped in Traffic 05. Sudden literate, Lost Conclosuress Direct 0. Other 08. Road Tractor UUU. Unknown NN. Apparently Normal UUU. Unknown NN. Apparently Normal Direct 0. Other UII. Information 1. Other UII. Informati	23. ROAD MATERIAL 1. Asphalt 2. Concrete 3. Gravel 4. Earth, Dirt 5. Chip-Seal	35. VEHICLE TYPE 01. Passenger Car 02. Passenger Van 03. Light Utility Vehicle	5. Fog Or Auxiliary Lights On Q. Other U. Unknown	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other UU. Unknown 47. DRIVER/PEDESTRIAN CONDITION 01. Fatigued/Fell Asleep	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected	POLICE COMMENTS	
9. Ice Road 07. Unit Truck, > 4500 kg NNN. Parked 05. Sudden Illness, Lost Conciousness O. Cher 08. Road Tractor UUU. Unknown NN. Apparently Normal O. Cher III. Unknown Ped 1 Ped 2	23. ROAD MATERIAL 1. Asphalt 2. Concrete 3. Gravel 4. Earth, Dirt 5. Chip-Seal 6. Brick/Cobblestone	35. VEHICLE TYPE 01. Passenger Car 02. Passenger Van 03. Light Utility Vehicle 04. Pickup Truck, To 4500 kg	5. Fog Or Auxiliary Lights On Q. Other U. Unknown	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event Qo. Other UU. Unknown 47. DRIVER/PEDESTRIAN CONDITION 01. Fatigued/Fell Asleep 02. Inexperience	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected		
2. Other 08. Road Tractor UUU, Unknown NN. Apparently Normal Ped 1 Ped 2 Ped 3	23. ROAD MATERIAL 1. Asphalt 2. Concrete 3. Gravel 4. Earth, Dirt 5. Chip-Seal 6. Brick/Cobblestone 7. Wood	35. VEHICLE TYPE 01. Passenger Car 02. Passenger Van 03. Light Utility Vehicle 04. Pickup Truck,To 4500 kg 05. Panel/Cargo Van,To 4500 kg	5. Fog Or Auxiliary Lights On Q. Other U. Unknown 40. VEHICLE SPEED	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event QQ. Other UU. Unknown 47. DRIVER/PEDESTRIAN CONDITION 01. Fatigued/Fell Asleep 02. Inexperience 03. Under Influence -Alcohol	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UUU. Unknown		
II Hoknown 09 School Bus 00 Other III Hoknown	23. ROAD MATERIAL 1. Asphalt 2. Concrete 3. Gravel 4. Earth, Dirt 5. Chip-Seal 6. Brick/Cobblestone 7. Wood 8. Steel Deck	35. VEHICLE TYPE 01. Passenger Car 02. Passenger Van 03. Light Utility Vehicle 04. Pickup Truck,To 4500 kg 05. Panel/Cargo Van,To 4500 kg 06. Other Truck, Van,To 4500 kg	S. Fog Or Auxiliary Lights On O. Other U. Unknown 40.VEHICLE SPEED 000. Stopped in Traffic	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event Qo. Other U.U. Indnown 47. RRIVER/PEDESTRIAN CONDITION 11. Fatigued/Fell Asleep 02. Inexperience 30. Under Influence -Alcohol 04. Under Influence - Drugs	Dead, Alcohol Use Suspected 610. Not Tested Due To Injury, Alcohol Use Suspected 620. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected NNN. Passenger UUU. Unknown Dri 1 Dri 2		
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	23. ROAD MATERIAL 1. Asphall 2. Concrete 3. Gravel 4. Earth, Dirt 5. Chip-Seal 6. Brick/Cobblestone 7. Wood 8. Steel Deck 9. Ice Road O. Other	35. VEHICLE TYPE 01. Passenger Car 02. Passenger Van 03. Light Utility Vehicle 04. Pickup Truck,To 4500 kg 06. Other Truck, Van To 4500 kg 07. Unit Truck, > 4500 kg 07. Unit Truck, > 4500 kg 08. Road Tractor	5. Fog Or Auxiliary Lights On Q. Other U. Unknown 40.VEHICLE SPEED 000. Stopped in Traffic NNN. Parked	39. Hit Other Type Fixed Object NN. No 2nd or 3rd Event OD. Other U.U. Unknown 147. ORIVER/PEDESTRIAN CONDITION 01. Fatigued/Fell Asleep 02. Inexperience 03. Under Influence -Alcohol 04. Under Influence - Drugs 05. Sudden Illness, Lost Conciousness NN. Apparently Normal	Dead, Alcohol Use Suspected S10. Not Tested Due To Injury, Alcohol Use Suspected S20. Not Tested - Other Reasons, Alcohol Use Suspected 998. No Alcohol Suspected 998. No Alcohol Suspected NNN. Passenger UUU. Unknown Di 1 Ped 1 Ped 2 Ped 1	PROPOSED ACTION	

The following is a brief description of the three fatal traffic collisions that took place in the Northwest Territories in 2000, resulting in five fatalities.

RCMP Detachment	Date	Description
Aklavik	03-Jan	Snowmobile collided with rear of plough truck on the Aklavik Winter Access Road near community. The snowmobile driver, who was not wearing a helmet, sustained fatal injuries. The snowmobile passenger, who also was not wearing a helmet, suffered minor injuries. The driver of the plough truck was not injured.
Rae	04-Aug	Single vehicle rollover involving mini van near Km 292 on Highway #3. The fully restrained driver lost control on loose gravel. Vehicle came to rest in small pond. The driver died at the scene. Two restrained passengers sustained minor injuries. Alcohol and speed were not believed to be factors.
Fort Good Hope	22-Oct	Two snowmobiles collided head-on in darkness on road within community. Both drivers had been drinking and were not wearing helmets. The headlight was not in operation on one of the snowmobiles. Both drivers died at the scene. One passenger died in hospital. Two other passengers suffered moderate injuries. None of the passengers were wearing helmets. Speeding was a factor.