Northwest Territories

Highway Traffic, 2011

Northwest Territories Transportation

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Department of Transportation
Government of the Northwest Territories
June 2012

Acknowledgements

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If you have any comments or questions related to the content of this report, please contact the Planning, Policy and Environment Division by telephone at (867) 873-7666, or by facsimile at (867) 920-2565.

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Section 1.0

Summary of Traffic Data Collection Activities and Analysis

1.0 Summary of Traffic Data Collection Activities and Analysis

1.1 Background

The Northwest Territories highway network consists of 2200 kilometres of all-weather roads and 1400 kilometres of winter roads. The highway system also includes five vehicle ferries. A map of the highway network is provided in Figure 1. A detailed listing of the highway system classification by surface type is provided in Table 1. It is noted that, in addition to the above, there are a number of winter roads constructed by mining companies to facilitate mine resupply.

The Department of Transportation of the Government of the Northwest Territories is responsible for operation and maintenance, capital rehabilitation, and upgrading of the Northwest Territories highway network. To monitor traffic utilizing the highway system, the Department of Transportation operates a series of mechanical counters and conducts periodic visual counts and surveys. Supplementing this information is data from the weigh scales and usage logs from the five ferries. Information obtained is used by the department to monitor changes in traffic flows, classify highways, set priorities in maintenance and capital funding, monitor safety aspects of the highways and optimize engineering designs. Traffic data is made available to businesses and the general public as needed.

This report presents traffic data collected by the Department of Transportation on the territorial highway network from 1993 to 2011. This report includes traffic information collected on major highways, access roads, winter roads and associated ferry crossings. The report also contains information on vehicle classifications.

1.2 Traffic Data Collection System

The Northwest Territories Department of Transportation collects traffic data at a number of permanent and seasonal counting stations as shown in Table 2 and illustrated in Figure 1. These stations provide hourly information on traffic for the complete year, or selected portions of the year for counters located on winter roads or other seasonal access roads. These stations are positioned to capture the general flow of traffic on the highway network.

Vehicle classification information is collected at the five ferries that operate on the highway system. The Marine Services Division of the Department of Transportation is responsible for collecting and processing this information.

Special turning movement counts at select intersections and visual vehicle classification counts are also conducted annually or as need arises. Three intersection counts were undertaken in 2011.

Information on truck volumes and commodities is obtained from the weigh scale in Enterprise. Truck volumes utilizing private (mining) winter roads is also collected and presented in this report.

In 2011, over 40 percent of all potential data was useable for determining traffic volumes. This performance is attributed to the age of the traffic counters, breakdown of the loops and malfunctioning batteries and data modules, but represents a significant improvement since 2006. Where data was missing, traffic volumes have been estimated based on previous years' data and information from other sources such as vehicle movements at ferries and weigh scales. The Department is working to improve data collection activities, including the purchase of new counters and loops and the installation of temporary counters.

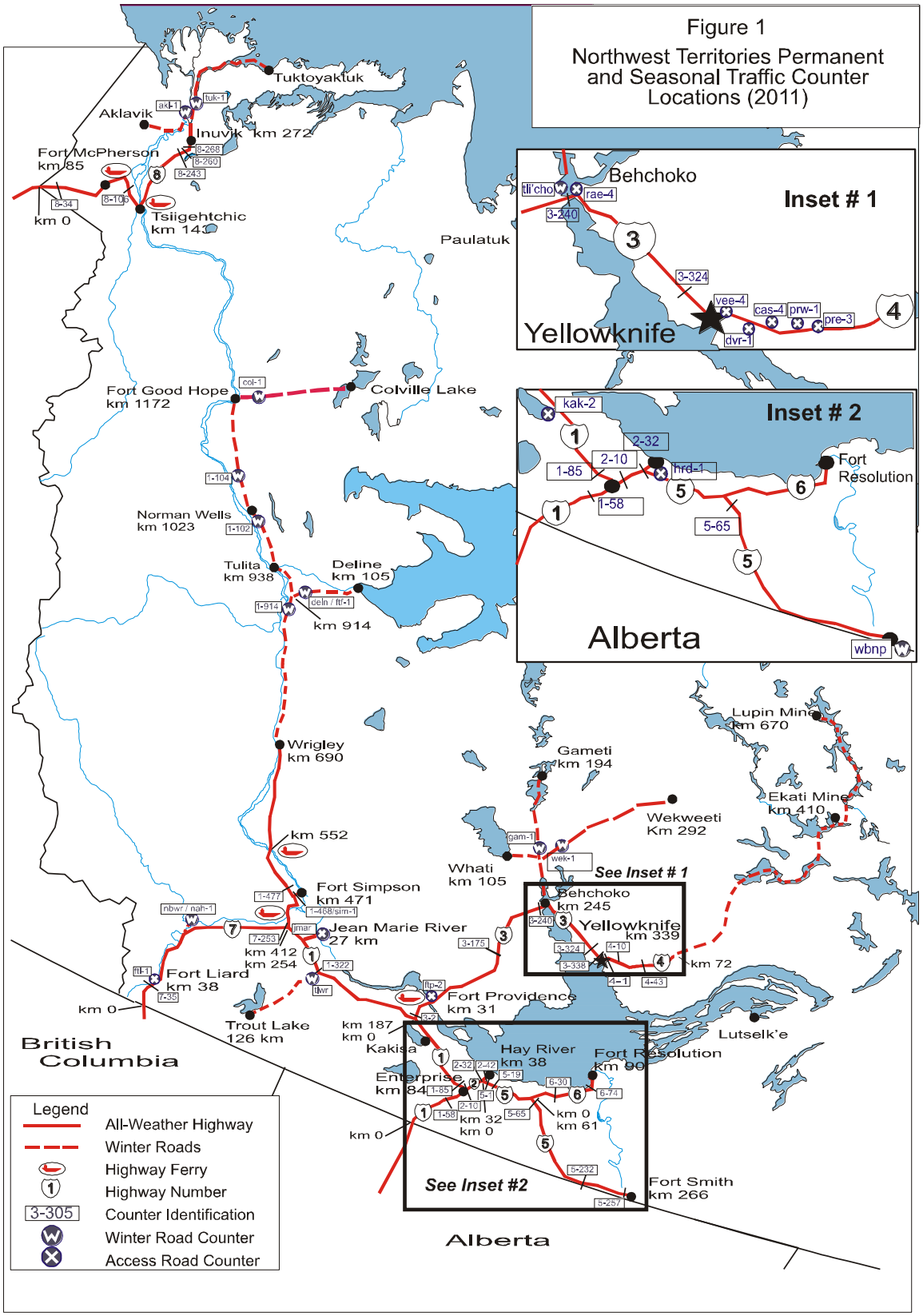


Figure 1
Northwest Territories Permanent and Seasonal Traffic Counter Locations (2011)
Tuktoyaktuk
Aklavik
Inuvik km 272
Fort McPherson km 85
km 0
Tsiigehtchic km 143
Paulatuk
Behchoko
Inset # 1
Yellowknife
Fort Good Hope km 1172
Colville Lake
Inset # 2
Fort Resolution
Norman Wells km 1023
Tulita km 938
Deline km 105
km 914
Alberta
Wrigley km 690
Lupin Mine km 670
Gameti km 194
Ekati Mine km 410
Wekweeti Km 292
km 552
Whati km 105
See Inset # 1
Behchoko km 245
Yellowknife km 339
km 72
Fort Simpson km 471
Jean Marie River 27 km
km 412
km 254
Fort Liard km 38
km 0
Fort Providence km 31
Trout Lake 126 km
km 187
km 0
Kakisa
Hay River km 38
Fort Resolution km 90
Lutselk'e
Enterprise km 84
km 32
km 0
km 0
km 61
See Inset #2
Fort Smith km 266
British Columbia
Alberta
Legend
All-Weather Highway
Winter Roads
Highway Ferry
Highway Number
Counter Identification
Winter Road Counter
Access Road Counter

Table 1 Highway System Classification (2011)

Classification	Length (kilometres)					
	Paved	Dust-Controlled Gravel	Untreated Gravel	Ferry Crossing	Winter Road	Total
All-Weather Highways						
Highway 1 (Mackenzie Highway to Wrigley)	290.2	201.8	195.5	2.5	-	690.0
Highway 2 (Hay River Highway)	43.7	-	-		-	43.7
Highway 3 (Yellowknife Highway)	337.6	-	-	1.2	-	338.8
Highway 4 (Ingraham Trail)	35.2	34.0	-		-	69.2
Highway 5 (Fort Smith Highway)	203.0	64.0	-		-	267.0
Highway 6 (Fort Resolution Highway)	56.0	16.0	18.0		-	90.0
Highway 7 (Liard Highway)	-	73.2	180.9		-	254.1
Highway 8 (Dempster Highway)	10.3	67.2	195.0		-	272.5
Total	**976.0**	**456.2**	**589.4**	**3.7**	**0.0**	**2,025.3**
Access Roads						
Kakisa Lake Access	12.9	-	-	-	-	12.9
Fort Simpson Access	3.4	-	-	-	-	3.4
Jean Marie River Access	-	-	27.4	-	-	27.4
Fort Providence Access	5.4	-	-	-	-	5.4
Rae Access	10.5	-	-	-	-	10.5
Dettah Access	7.8	3.5	-	-	-	11.3
Hay River Reserve Access	11.0	1.4	1.9	-	-	14.3
Fort Liard Access	1.3	-	4.0	-	-	5.3
Hay River Hwy. No. 2 Km 43.7 - 48.6	4.9	-	-	-	-	4.9
Nahanni Butte Access	-		21.3	-	1.0	22.3
Yellowknife Access	1.7	-	-	-	-	1.7
Fort McPherson Access	-	1.1	-	-	-	1.1
Inuvik Access	0.6	-	-	-	-	0.6
Hwy 3 Ice Crossing Access	-	9.4	-	-	-	9.4
Miscellaneous Minor Access	3.2	8.5	45.2			56.9
Total	**62.7**	**23.9**	**99.8**	**0.0**	**1.0**	**187.4**
Winter Roads						
Highway 1 (Mackenzie Highway, Wrigley to FGH)	-	-	-	-	486.4	486.4
Colville Lake Access (opened March 2001)	-	-	-	-	165.0	165.0
Highway 3 Ice Crossing	-	-	-	-	3.1	3.1
Trout Lake Access	-	-	-	-	126.0	126.0
Deline Access	-	-	-	-	105.3	105.3
Wha'ti Road	-	-	-	-	103.0	103.0
Rae Lake Road	-	-	-	-	125.0	125.0
Tuktoyaktuk Access	-	-	-	-	184.0	184.0
Aklavik Access	-	-	-	-	85.0	85.0
Dettah Access	-	-	-	-	6.3	6.3
Total	**0.0**	**0.0**	**0.0**	**0.0**	**1,389.1**	**1,389.1**

Total All-Weather Roads **2,212.7**
Total Winter Roads (Department of Transportation) **1,389.1**

Table 2 Permanent and Seasonal Counter Locations

Counter ID	Location (Hwy / Road)	Kilometre	Description
All-Weather Highways			
1-58	Highway 1	58	15 km south of Alexandra Falls
1-85	Highway 1	85	1.2 km west of Enterprise
1-322	Highway 1	322	0.4 km west of Trout Lake winter road
1-477	Highway 1	477	5.2 km west of Fort Simpson Access on Highway 1
2-10	Highway 2	10	10 km north of Enterprise, south of Paradise Gardens
2-32	Highway 2	32	40 metres north of Highway 2 and 5 intersection, south of service road
2-42	Highway 2	42	North of West Channel, across bridge
3-2	Highway 3	2	2 km north of Highway 1 and 3 intersection, south of ferry landing
3-175	Highway 3	175	53 km north of Chan Lake, 62 km south of Edzo
3-240	Highway 3	240	3 km south of Rae Access, north of Edzo
3-324	Highway 3	324	19.3 km east of Boundry Creek
3-338	Highway 3	338	0.8 km west of Highway 3 and 4 intersection
4-1	Highway 4	1	1 km north of Highway 3 and 4 intersection
4-10	Highway 4	10	2.5 km east of Yellowknife River Bridge / 300 m west of Dettah Access Road
4-43	Highway 4	43	11 km east of Prelude Lake East Access, 12 km west of Cameron River
5-1	Highway 5	1	1 km east of Highway 2 and 5, 1.5 km west of Hay River Reserve Access
5-19	Highway 5	19	10.6 km east of Sandy Creek, 19 km east of Highway 2 and 5 intersection
5-65	Highway 5	65	5 km south of Highway 5 and 6 intersection
5-232	Highway 5	232	12.3 km west of Salt River Village Access
5-257	Highway 5	257	6.1 km west of Fort Smith
6-30	Highway 6	30	8.5 km east of Pine Point Access
6-74	Highway 6	74	16 km west of Fort Resolution
7-35	Highway 7	35	2.6 km south of Fort Liard
7-253	Highway 7	253	0.3 km south of Highway 1 and 7 intersection
8-34	Highway 8	34	10 km west of Midway Lake
8-106	Highway 8	106	20.6 km north of Fort McPherson Access
8-243	Highway 8	243	1 km south of Cabin Creek
8-260	Highway 8	260	0.7 km north of airport access
8-268	Highway 8	268	1.3 km south of Inuvik
Access Roads			
cas-4	Cassidy Point	1	1 km north of junction with Highway 4
dvr-1	Dettah	1	1 km south of junction with Highway 4
ftl-1	Fort Liard	1	1 km west of junction with Highway 7
ftp-2	Fort Providence	2	2 km west of junction with Highway 3
hrd-1	Hay River Dene Reserve	1	1 km north of junction with Highway 5
jmar	Jean Marie River	1	1 km north of junction with Highway 1
kak-2	Kakisa	2	2 km south of junction with Highway 1
pre-3	Prelude East	1	1 km north of junction with Highway 4
prw-1	Prelude West	1	1 km north of junction with Highway 4
rae-4	Fort Rae	4.2	4.2 km north of junction with Highway 3
vee-4	Vee Lake	4.3	4 km north of junction with Highway 4
sim-1	Fort Simpson	1	1 km north of junction with Highway 1
Winter Roads			
1-914	Highway 1	914	northern-most side of junction of Highway 1 and Deline Access
1-102	Highway 1	1022	1.4 km south of Norman Wells
1-104	Highway 1	1031	7.6 km north of Norman Wells
akl-1	Aklavik	1	1 km west of junction with Tuktoyuktuk Winter Road
col-1	Colville Lake	1	1 km east of junction with Highway 1 at Fort Good Hope
deln / ftf-1	Deline	1	1 km east of junction with Highway 1
det-1	Dettah	1	0.1 km east of junction with School Draw Avenue
det-6	Dettah	6	0.3 km west of Dettah Village
elwr / lacl	Wha'ti	72	1 km west of junction with Tli Cho Winter Road
gam-1	Gameti	72	1 km north of junction with Wha'ti Access Road
nbwr / nah-1	Nahanni Butte	2	2 km west of junction with Highway 7
tli'cho	Tli Cho	1	1.5 km north of junction with Highway 3
tlwr	Trout Lake	1	1 km south of junction with Highway 1
tuk-1	Tuktoyaktuk	1	km 34 on Tuk winter road, 1 km north of junction with Aklavik Winter Road
wek-1	Wekweeti	1	1 km east of junction with Tli Cho Winter Road

1.3 Traffic Data Processing

The permanent traffic counters located throughout the Northwest Territories highway network collect traffic data on a continual basis. This data is stored to memory every hour. Approximately once per month, personnel working out of the highway maintenance camps download the data to a module, clear the internal memory of the counter, and send the downloaded data to the Transportation Planning, Policy and Environment Division.

Personnel with the Transportation Planning, Policy and Environment Division download the data from the module to the government network in a flat file (ASCII format) and conduct a first level screening of the data. Any problems are noted and corrupt data is disregarded. The data is then copied into a Microsoft Excel spreadsheet and analysed to obtain the information presented in this report.

The first step in the analysis of the traffic data is to check for completeness and accuracy. Common problems include missing data due to the counter or module not functioning correctly, overlapping or missing data between months, and counts too high or low due to counter malfunctions. To ensure accurate results and also provide as much information as possible, a series of procedures have been established to correct deficiencies in the data. These steps are outlined in Appendix B.

1.4 Glossary of Terms

Average Annual Daily Traffic (AADT) is an estimate of the mean daily traffic for a period of one year.

Average Daily Traffic (ADT) is an estimate of the mean traffic for a specified period of time. For example, monthly ADT is an estimate of the mean daily traffic for a specified month.

Growth Rate is the increase or decrease in AADT from year to year.

Near Urban Highway is a section of highway located within or near a major urban centre.

Peak Summer Average Daily Traffic (PSADT) is an estimate of the mean daily traffic for the months of June, July and August.

Permanent Traffic Counter is a counter that is permanently placed at a specific location and counts traffic continuously.

Rural Highway is a section of highway located away from the traffic influence of a major urban centre.

Short Term Counts provide measurements of traffic characteristics based on visual observation for a specified period of time and purpose.

Traffic Distributions illustrate how traffic varies over time. Distributions may be by month, by day of the week or hourly, and is usually measured as a percent of the AADT.

Vehicle Classification is the distribution of vehicle types in a traffic stream.

Vehicle Kilometres Travelled is the total number of vehicles for a specific road segment multiplied by the length of the road segment.

1.5 Layout of the Report

This report is organized into four sections.

Section 1 provides an introduction to the Northwest Territories traffic data collection system.

Section 2 presents the traffic information collected at all permanent counter locations and selected mining roads; including traffic volumes, distributions and vehicle kilometres travelled.

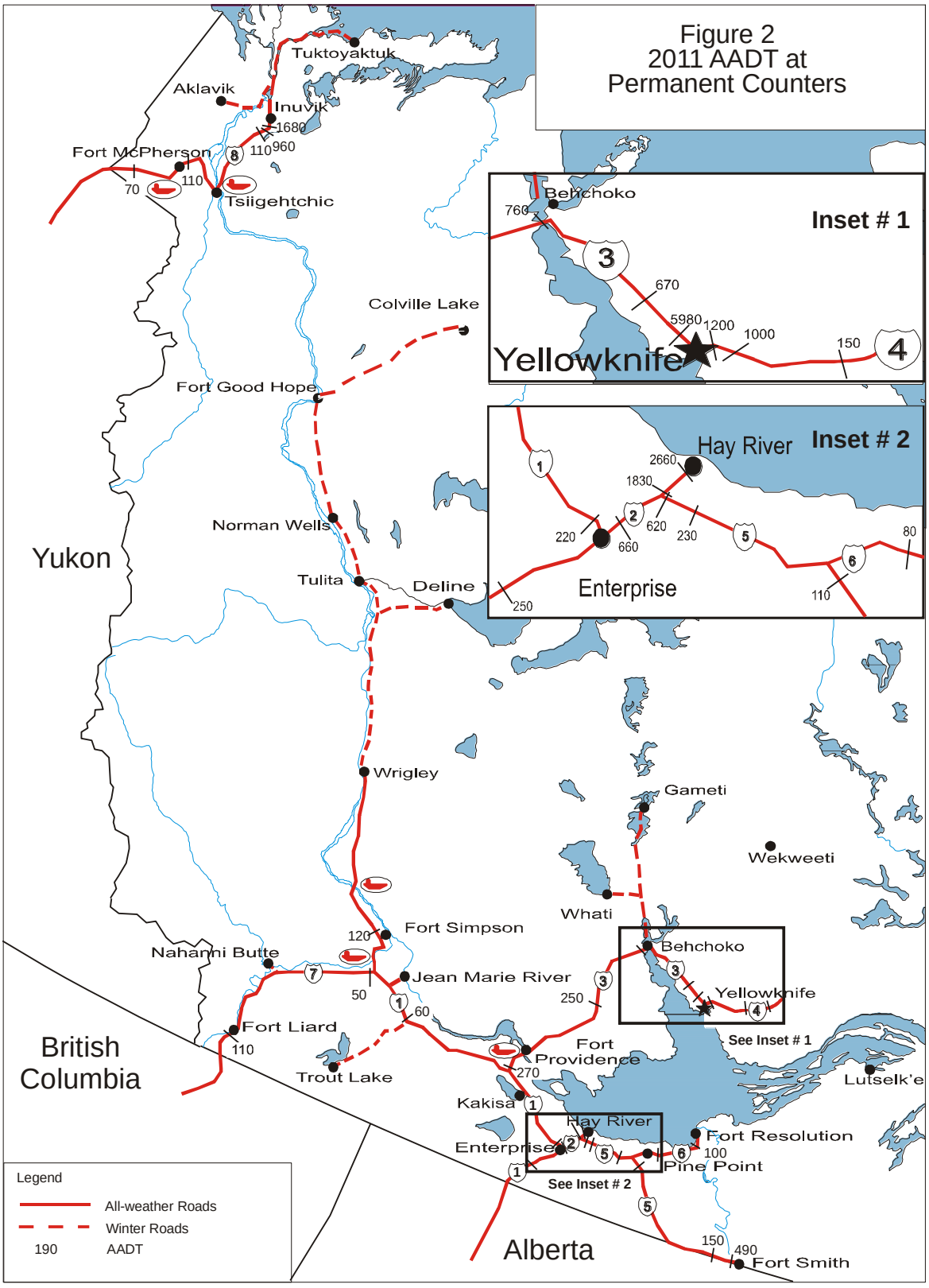
Section 3 presents traffic information collected on highway ferries, and commercial vehicle activity from the weigh scales.

Section 4 presents short term traffic count data at three intersections.

The Appendices present additional detailed traffic information.

Section 2.0

Highway Traffic Volume Data



Note: Some data in this figure has been estimated using information from past years. See Appendix A for actual data.

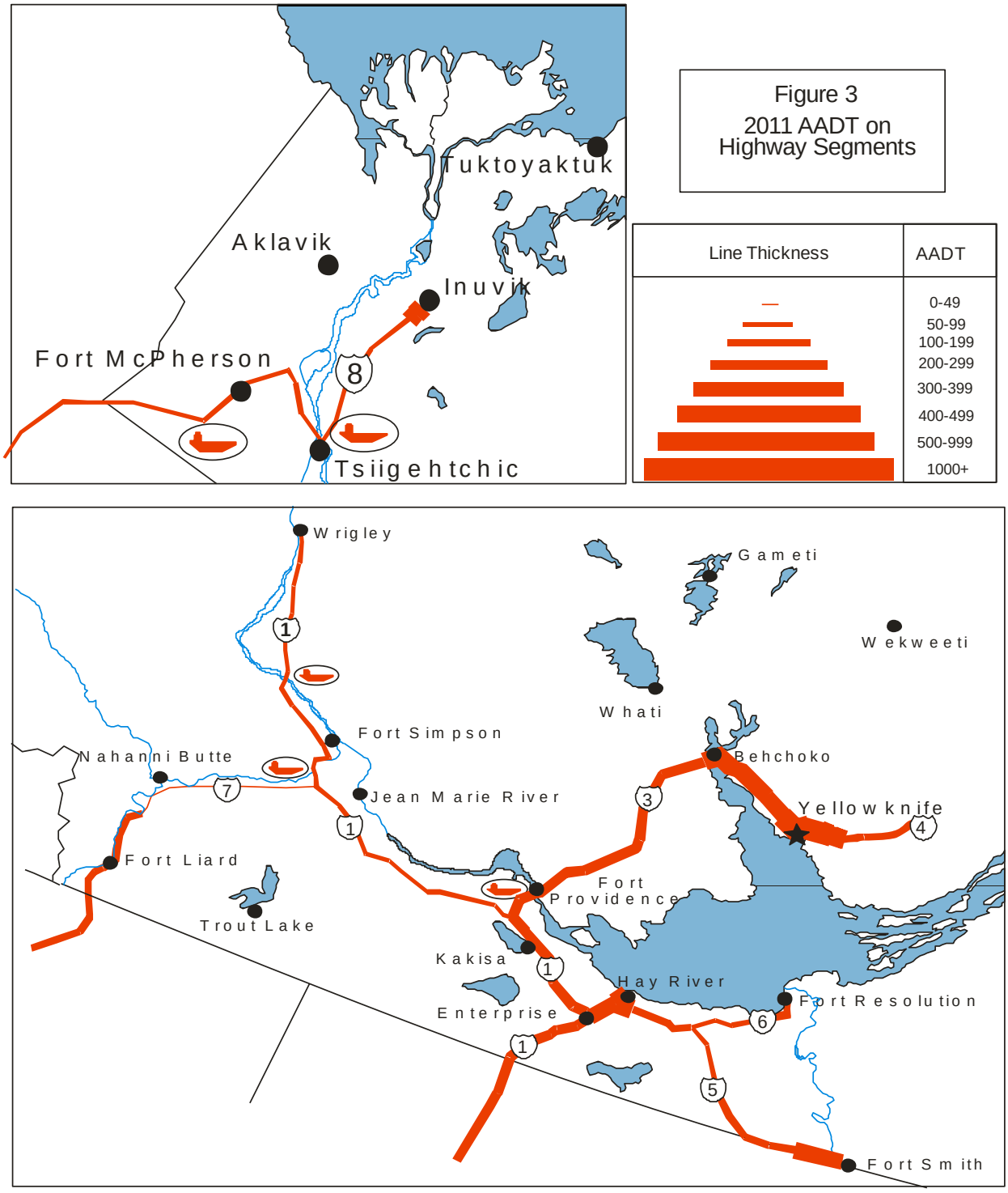


Figure 3
2011 AADT on
Highway Segments
Line Thickness
AADT
0-49
50-99
100-199
200-299
300-399
400-499
500-999
1000+
Tuktoyaktuk
Aklavik
Inuvik
Fort McPherson
8
Tsiigehtchic
Wrigley
Gameti
Wekweeti
Whati
Fort Simpson
Nahanni Butte
Behchoko
Jean Marie River
Yellowknife
Fort Liard
Fort
Providence
Trout Lake
Kakisa
Hay River
Fort Resolution
Enterprise
Fort Smith
1
3
4
5
6
7

Table 3 Estimated Traffic on Northwest Territories Highways

Highway	Kilometre	Counter ID	Description	AADT										PSDT									
				2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
1	58	1-58	15 km south of Alexandra Falls	250	250	250	280	270	280	280	Data	250	250	330	250	310	380	340	350	390	Data	380	420
1	85	1-85	1.2 km west of Enterprise	290	290	220	330	410	390	300		270	270	390	240	210	410	470	380	420		380	400
1	322	1-322	0.4 km west of Trout Lake Winter Road	60	70	40	50	60	60	70	Not	60	60	90	90	**	**	60	60	90	Not	80	90
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1	120	20	50	50	60	70	60		50	50	170	20	**	**	60	60	60		60	70
											Available										Available		
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens	660	430	610	450	380	420	450		410	420	1060	520	610	540	460	490	550		510	530
2	32	2-32	40 metres north of Highway 2 & 5 intersection	1830	1630	1900	1850	1790	1420	1460		1390	1420	2470	2050	**	**	1860	1920	1920		1920	1970
2	42	2-42	North of West Channel across bridge	2660	2670	3250	2660	2940	2130	2660		2530	2590	3400	3060	3250	3130	**	**	3130		3120	3200
3	2	3-2	2 km north of Highway 1 & 3 intersection, south of ferry	270	270	250	320	300	270	260	Data	250	240	360	390	340	400	360	290	350	Data	350	330
3	175	3-175	53 km north of Chan Lake, 62 km south of Edzo	250	240	250	310	300	210	210		210	210	330	350	**	360	280	**	290		290	280
3	240	3-240	3 km south of Rae access, south of Frank's Channel	760	840	620	770	780	780	650	Not	650	640	830	910	**	760	770	860	710	Not	710	700
3	324	3-324	21 km east of Boundry Creek	670	750	640	640	640	640	610		450	440	750	790	820	**	**	**	690		520	500
3	338	3-338	0.8 km west of Highway 3 and 4 intersection	5980	6730	5600	5600	5600	5680	5570	Available	5570	5460	7010	7470	**	**	6120	6730	6460	Available	6460	6330
4	1	4-1	1 km north of Highway 3 & 4 intersection	1200	1270	1460	900	870	1240	1240		1240	1240	1690	1630	1770	**	1100	**	1600		1600	1600
4	10	4-10	2.5 km east of Yellowknife River Bridge	1000	820	650	660	610	730	730		730	730	1230	1130	**	800	770	**	950		950	950
4	43	4-43	11 km east of Prelude Lake East Access	150	130	160	130	160	100	100		100	100	190	180	**	120	160	**	130		130	130
5	1	5-1	1 km east of Highway 2 & 5 intersection	620	620	560	560	560	560	560	Data	560	530	830	820	**	**	**	**	740	Data	740	710
5	19	5-19	19 km east of Highway 2 & 5 intersection	230	160	230	260	210	150	170		170	160	310	210	330	230	230	180	230		230	220
5	65	5-65	5 km south of Highway 5 & 6 intersection	110	90	90	110	90	170	80	Not	80	70	120	110	**	160	**	**	100	Not	110	100
5	232	5-232	25km west of Fort Smith	150	150	130	130	130	130	130		130	120	200	200	**	**	100	**	200		200	190
5	257	5-257	6.1 km west of Fort Smith	490	500	420	420	420	420	420	Available	410	390	670	660	**	**	**	**	530	Available	530	510
6	30	6-30	8.5 km east of Pine Point Access	80	80	70	80	80	80	80		80	80	100	100	90	90	90	80	90		100	110
6	74	6-74	16 km west of Fort Resolution	100	100	80	110	110	100	120		110	100	130	130	**	120	130	130	130		140	140
7	35	7-35	2.6 km south of Fort Liard	110	80	110	110	110	140	120	Data	120	120	150	120	**	**	80	**	130	Data	130	130
7	253	7-253	0.3 km south of Highway 1 & 7 intersection	50	40	50	50	50	30	30		30	30	70	60	**	**	40	40	40		40	40
											Not										Not		
8	34	8-34	10 km west of Midway Lake	70	70	50	70	70	70	50		50	50	100	90	**	250	90	130	90		100	100
8	106	8-106	4.6 km north of Fort Mcpherson Access	110	130	150	120	110	90	100	Available	80	80	160	160	160	160	90	130	140	Available	180	170
8	243	8-243	1 km south of Cabin Creek	110	110	80	80	80	80	80		80	80	150	130	**	**	110	**	130		130	130
8	260	8-260	0.7 km north of airport access	960	970	740	740	740	740	740		730	690	1300	1300	**	**	870	**	760		760	900
8	268	8-268	1.3 km south of Inuvik	1680	1700	1370	1370	1370	1370	1370		1270	1210	2270	2140	**	**	1460	**	1400		1300	1640

Note: See Appendix A for actual data obtained from each traffic counter for 2011.
** Insufficient data to calculate AADT/PSADT
AADT - Average Annual Daily Traffic
PSADT - Peak Summer Average Daily Traffic (June, July, August)
All values are estimated and rounded to the nearest 10.

Table 4 Traffic on Northwest Territories Access Roads (sorted by counter)

Community	Location (km)	Counter ID	Year	Monthly Average Daily Traffic												PSADT
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Kakisa	2	kak-2	**2000**	24	43	52	74	86	50			33	36	47		50
			1999	27	27	38	60	89	53			52	38	27	25	53
			1998				28	64	77	101	80	55	32	29	23	86
			1997	23	21	21			94	79	90	37	15	21	20	88
			1996	18	23	25	23	49	84	109	90	43	31	24	24	94
			1995	26			24		77	109	76	54	31	23	24	87
			1994	15	19	17		49	68	109	87	48	37		24	88
			1993	16		20	21	46	61	81	94	44	29	20	20	79
Rae	4.2	rae-4	**2009**	595	650											
			2008	628	671	784	735	717	695	647	702	766	772	649	597	681
			2007						726	804	665	685	777	682	621	732
			2004		693	667										
			1998				433									
			1997							543	593	542	568			568
			1996	283				580			686	673	582	373		686
			1995							553	614	621	644	581	389	584
Dettah	1	dvr-1	**2009**	43	50	55	118	197								
			2008	37	33	22		173	194	168	186	182	202	173	139	183
			2007					422	313	255	176	158	169	153	114	248
			2001	56	161			283	284	256		216				270
			2000	48	34	54	95	261	310	211	278	290	277	235		266
			1999		44	53	292	277		245	270	289	293	246		258
			1998	73	65	57	31	121	156	134	121			259	212	137
			1997								126	98	241	252	186	126
			1996							237	211	252	258	262		224
			1995	48	42	44	118		260	215	212	250	240	217		229
Paradise Gardens	2	pgr-1	**1996**	78	90	93	109	111	157	160	172	141	122	103	99	163
			1995								143	134	109	94	78	143
			1994	69	65	68	96	110	138	128	140	123				135
			1993						114	97	109	103	87	76	73	107
Vee Lake	4.3	vee-4	**2005**			75	65	58	72	68	59	45	35	20		66
			2004	40	61	55		59								
			2003													
			2002	56							57	54	34	52	44	57
			2001						60	75	44		19			60
			2000													
			1999	43	82	70	58	39								
			1998	63	71	70	58	79	77	77	59	49	35	37	20	71
			1997						86	65	63	41	33			71
			1996						100	67	58	37	25	38		75
			1995							71	51	52	26	41		61
			1994						90	84	56	47	33			77
			1993					76	85	72	59	46	32	28	28	72
Cassidy Point	4	cas-4	**1998**								96	54	46	35		96
			1997							57	50	36	36			54
			1996							123	94	75	49	43		109
			1995										46	34		
			1994		75	88	177	84	96	102	82	67	53			93
			1993							90	100	80	64	50	44	95
Prelude Lake West	1	prw-1	**1998**							193	238	139	78	57		215.5
			1997						290	290	253	141	64			277.7
			1996						331	256	243	127	90	101		276.7
			1995										83	50		
			1994													
			1993							239		117	85	63		239.3
Prelude Lake East	3	pre-3	**2000**						306							306
			1999					283	307	261						284
			1998													
			1997						5	88	83	74	59			59
			1996						116	83	76	78	62	58		92
			1995								68	65	48	29		68
			1994							85	71	64	54			78
			1993					93	91	86		82	72			88

Table 4 cont'd Traffic on Northwest Territories Access Roads (sorted by counter)

Community	Location (km)	Counter ID	Year	Monthly Average Daily Traffic												PSADT
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hay River Dene Village	1	hrd-1	**2005**		86	83	178	479				546	378			
			2004	84	80	73										
			2001			36	404		287		623	469	121	441		455
			2000	14	37	52	304	416	453	400	421	469				425
			1999	32	37	126	357			356	399	425	167		33	378
			1998	62	40	48	267						420	301	45	
			1997	29	33	42			395	362			366	375	396	379
			1996	31	54	71	354	446	480	383	416	373	390	255	33	426
			1995	29	33	41	216		451	391	420	407	414	170	43	421
			1994	26	31	75	302							46	39	
			1993	28	27	137	376		411	356	365	333	344	234	50	377
Fort Providence	2	ftp-2	**2009**					445	571	570						571
			2008	296	317	357	334	469	570	552	491	424		269	278	538
			2007	322	246	289	290	422	554	513	654		362	306	297	574
			2006	318	301	280	303	420	500	478			355	266	405	489
			2005		362	464	133	43	415	387	333		201	180		378
			2004	255	298											
			2003	260	269	264		396	353	515	551					473
			2002	277	243	248					457	375	334	279	289	457
			2001			208			324	352	365	336	207			347
			2000	315	421	270	219	299	259	254	210	194	200	139	119	241
			1999	316	423	259	309	662	239	205	176	170	154	149		207
			1998	249	276	271	397	315				309	328	254	49	
			1997			213			465	439	488	337	271			464
			1996	211	227	242	297	360	421	419	501	397	307	331	247	447
			1995	200	228	226	273	357	368	426	477	303	262	244		424
Fort Liard	1	ftl-1	**1998**			242	175	207	332	405	326	249				354
			1997	166	218	211	238					132	89			
			1996		195	210				252	197	193	156		142	225
			1995	172	366	339	213	220	209	255	297	220	172	135	134	254
			1994	150	161	197	169	206			231	190	199	162	172	231
			1993	155	165	166	170	180	204	211	193	180	171	162	146	203
Fort Simpson	1	sim-1	**2011**	1227	1173	1803										
			2010						1622	1524	1551	1467	1327	1216	1528	1566
			2009	271	247											
			2008	1176	1221	1275	1198								476	
			2007	1203	1335	1261	954	1343	1323	1404	1349	1227	1258	1248	1340	1359
			2006	1075		1176	1126	1293	1465	1386	1397			1445	1341	1416
			2005							1292	1493	1313	1202	1107	1041	1393
			2004													
			2003			1289	1302									
			2001				430					269	354			
			2000	961	991	1093	1110				911					911
Jean Marie River	1	jmar	**2011**	24	6	33										
			2010						2	18	30	17	44	31	10	17
			2008	17		20	32	76								
			2007	37	39	18	17	28	34	22	18	16	23	39	13	25
			2006			22	85	71	32	33	13	29			25	26
			2005							24	23	33	23			24
			2004													
			2003			34	36									
			2001									19	27	81		
			2000				16	22	30	23	17					23

Note: Blanks indicate insufficient data to calculate monthly ADT.

Table 5 Monthly Average Daily Traffic on Northwest Territories Winter Roads (sorted by road)

Winter Road	Location (km)	Counter ID	Year	Opening Date	Closing Date	Number Days	Monthly Average Daily Traffic Dec	Jan	Feb	March	April	May	ADT
Aklavik	1	akl-1	**2012**	7-Dec-2011	25-Apr-2012	140			53	60	193		97
			2011	22-Dec-2010	11-May-2011	140			51	87	80	50	71
			2010	21-Dec-2009	20-Apr-2010	120			28	24	98		44
			1996	19-Dec-1995	26-Apr-1996	129			32	49	43		41
			1995	23-Dec-1994	24-Apr-1995	122							
			1994	18-Jan-1994	28-Apr-1994	100							
			1993	15-Dec-1992	2-May-1993	138			53	61	70	32	61
Colville Lake	1	col-1	**2012**	20-Dec-2011	2-Apr-2012	104			23	26	17		24
			2011	14-Dec-2010	29-Mar-2011	105			23	18			20
			2009	19-Dec-2008	5-Apr-2009	107		16	21	16			18
			2008	14-Dec-2007	9-Apr-2008	117		11	21	21			18
			2007	4-Jan-2007	31-Mar-2007	86		18	14	27			20
			2006	13-Jan-2006	22-Mar-2006	68		4	14	17			13
			2005	13-Dec-2004	1-Apr-2005	109			54	54			54
Deline	1	deln	**2012**	30-Dec-2011	2-Apr-2012	94			24	28	6		25
			2011	10-Jan-2011	29-Mar-2011	78		17	47	24			30
			2010	28-Jan-2010	31-Mar-2010	62			17	32			25
			2009	20-Jan-2009	5-Apr-2009	75		14	32	31			29
			2007	19-Jan-2007	31-Mar-2007	71		36	32	43			37
			2006	25-Jan-2006	22-Mar-2006	56		54	49	39			46
			1998	3-Feb-1998	16-Mar-1998	41		13	15				15
			1997	4-Feb-1997	17-Mar-1997	41		110	73	46			62
			1996	18-Jan-1996	20-Mar-1996	62							
			1995	20-Jan-1995	26-Mar-1995	65			39	35			37
Dettah Ice Road	1	dettah-1	**2012**	31-Dec-2011	20-Apr-2012	111		1536	1587	1640	1318		1539
(Yellowknife Side)			**2011**	16-Dec-2010	27-Apr-2011	132	1137	932	977	1144	1249		1080
			2010	24-Dec-2009	8-Apr-2010	105		1048	1046	1211	1477		1134
			2008	21-Dec-2007	11-Apr-2008	112		1090	1225	1548	1337		1294
			2006	20-Dec-2005	18-Apr-2006	119	719	644	712	814	764		729
			2005	10-Dec-2004	11-Apr-2005	122	356	320	453	521			416
Dettah Ice Road	6	dettah-6	**2012**	31-Dec-2011	20-Apr-2012	111		446	428	425	462		438
(Dettah Side)			**2011**	16-Dec-2010	27-Apr-2011	132	276	252	282	389	352		313
			2010	24-Dec-2009	8-Apr-2010	105		471	483	505	578		494
			2009	23-Dec-2008	13-Apr-2009	111		575	538	599	604		576
			2008	21-Dec-2007	11-Apr-2008	112		533	501	526	477		516
			2007	4-Jan-2007	12-Apr-2007	98			496	461			478
			2006	20-Dec-2005	18-Apr-2006	119	520	467	476	456	450		469
			2005	10-Dec-2004	11-Apr-2005	122	324	319	556	452			416
Gameti	72	lacr	**2012**	17-Feb-2012	19-Apr-2012	62			32	42	55		44
			2011	5-Feb-2011	8-Apr-2011	62			21	33	43		30
			2009	21-Feb-2009	14-Apr-2009	52				46	34		42
			2008	28-Feb-2008	11-Apr-2008	43				43	55		46
			2007	28-Feb-2007	12-Apr-2007	43				43	55		46
			1997	7-Feb-1997	25-Mar-1997	46			170	152			160
			1996	2-Feb-1996	20-Mar-1996	47							
			1995	30-Jan-1995	22-Mar-1995	51							
Highway No. 1	695	1-695	**2006**	19-Dec-2005	7-Apr-2006	109		53	74	85			71
(Wrigley)			**2005**	13-Dec-2004	1-Apr-2005	109		39	49	51			46
Highway No. 1	914	1-914	**2012**	20-Dec-2011	2-Apr-2012	104			61	77	22		68
(Deline Junction)			**2011**	23-Dec-2010	29-Mar-2011	96		22	47	59			42
			2010	23-Dec-2009	31-Mar-2010	98			17	23			20
			2009	23-Dec-2008	5-Apr-2009	103		15	32	55			34
			2008	24-Dec-2007	9-Apr-2008	107		27	96	84			68
			2007	20-Dec-2006	9-Apr-2007	110		77	95	77			83
			2006	19-Dec-2005	7-Apr-2006	109		44	50	45			46
			2005	4-Jan-2005	1-Apr-2005	87		21	70	64			52
			1998	23-Jan-1998	13-Mar-1998	49		10	7				8
			1997	14-Jan-1997	17-Mar-1997	62			7	34			17
Highway No. 1	1022	1-102	**2012**	20-Dec-2011	2-Apr-2012	104			88	102	24		93
(Norman Wells South)			**2010**	23-Dec-2009	31-Mar-2010	98			78	79			79
			2009	16-Dec-2008	5-Apr-2009	110		50	66	108			75
			2008	8-Dec-2007	9-Apr-2008	123		45	98	100			81
			2007	21-Dec-2006	9-Apr-2007	109		81	87	113	57		91
			2006	29-Dec-2005	7-Apr-2006	99		98	68	77			81
			2005	13-Dec-2004	1-Apr-2005	109		51	70	86			69
			1999	7-Jan-1999	15-Mar-1999	67			33				33
			1998	14-Jan-1998	16-Mar-1998	61			107	139			119
			1997	14-Jan-1997	17-Mar-1997	62			9	10			9

Table 5 cont'd Monthly Average Daily Traffic on Northwest Territories Winter Roads (sorted by road)

Highway No. 1	1031	1-104	**2012**	20-Dec-2011	2-Apr-2012	104			33	29	23		31
(Norman Wells North)			**2011**	14-Dec-2010	29-Mar-2011	105		43	38	49			43
			2010	23-Dec-2009	31-Mar-2010	98			36	39			38
			2009	16-Dec-2008	5-Apr-2009	110		33	37	37			36
			2008	8-Dec-2007	9-Apr-2008	123		34	62	62			52
			2007	21-Dec-2006	9-Apr-2007	109		59	47	66			58
			2006	29-Dec-2005	7-Apr-2006	99			55	52			53
			1998	14-Jan-1998	16-Mar-1998	61		14	10	10			11
			1997	14-Jan-1997	17-Mar-1997	62			66	42			57
			1996	8-Jan-1996	20-Mar-1996	72							
Nahanni Butte	2	nbwr	**1997**	9-Dec-1996	17-Apr-1997	129		23	40	69	13		36
			1996	1-Dec-1995	25-Mar-1996	115		11	10	19			13
			1995	1-Dec-1994	26-Mar-1995	115		10	17	39			22
			1994	18-Dec-1993	28-Mar-1994	100			20	18			19
			1993	15-Dec-1992	27-Mar-1993	102			13	12			12
Tibbitt to Contwoyto	0.3	lupin	**2012**	1-Feb-2012	28-Mar-2012	56			292	253			273
			2011	28-Jan-2011	31-Mar-2011	62		136	390	286			323
			2010	4-Feb-2010	21-Mar-2010	45			289	189			246
			2009	1-Feb-2009	25-Mar-2009	52			518	303			417
			2008	28-Jan-2008	7-Apr-2008	70			553	349	49		406
			2007	28-Jan-2007	8-Apr-2007	70		251	482	323	67		353
			2006	5-Feb-2006	26-Mar-2006	49			167	243			204
Tli'Cho	1	tli'cho	**2012**	25-Jan-2012	19-Apr-2012	85			38	38	53		42
			2011	14-Jan-2011	8-Apr-2011	84		78	78	104	77		87
			2010	20-Jan-2010	11-Apr-2010	81		95	72	120	165		106
			2009	23-Jan-2009	14-Apr-2009	81			81	142	111		113
			2008	8-Feb-2008	11-Apr-2008	63			100	163	148		135
			2007	3-Feb-2007	12-Apr-2007	68			64	115	188		107
			2006	7-Feb-2006	16-Apr-2006	68			71	77			74
Trout Lake	1	tlwr	**2002**	14-Jan-2002	18-Mar-2002	63		6	7				7
`			**2001**	18-Dec-2000	15-Mar-2001	87							
			2000	11-Jan-2000	15-Mar-2000	64							
			1999	21-Dec-1998	16-Mar-1999	85		9	7	9			8
			1998	20-Jan-1998	16-Mar-1998	55				5			5
			1997	11-Jan-1997	17-Mar-1997	65			5	9			7
			1996	20-Jan-1996	15-Mar-1996	55	4	6	11	9			8
			1995	22-Dec-1994	22-Mar-1995	90			8				8
			1994	18-Jan-1994	31-Mar-1994	72							
			1993	24-Dec-1992	24-Mar-1993	90		8	10	12			10
Tuktoyaktuk	1	tuk-1	**2012**	10-Dec-2011	25-Apr-2012	137			111	130	330		182
			2011	22-Dec-2010	3-May-2011	132			106	190	137	77	143
			2010	18-Dec-2009	20-Apr-2010	123			113	137	350		182
			2009	18-Dec-2008	26-Apr-2009	129		131	130	204	178	53	161
			1997	20-Dec-1996	25-Apr-1997	126	30	44	61				48
			1996	19-Dec-1995	19-Apr-1996	122							
			1995	22-Dec-1994	24-Apr-1995	123		74					74
			1994	5-Jan-1994	28-Apr-1994	113							
			1993	18-Dec-1992	30-Apr-1993	133	32	83	108	101			88
Wha'ti	72	elwr	**1997**	20-Jan-1997	25-Mar-1997	64		31	45	64			47
			1996	15-Jan-1996	20-Mar-1996	65							
			1995	13-Jan-1995	29-Mar-1995	75							
			1994	18-Feb-1994	18-Apr-1994	59							
			1993	27-Jan-1993	2-Apr-1993	65				16	14		15
Wekweeti	1	wek-1	**2012**	6-Mar-2012	10-Apr-2012	35				59	77		63
			2011	14-Feb-2011	7-Apr-2011	52			24	46	60		38

Note: Blanks may indicate insufficient data to calculate monthly ADT, road closed, or counter not installed.

Table 6 Opening and Close Dates for Winter Roads & Ice Bridges

	Winter Roads	Ft. Simpson - Wrigley (Highway #1)	Wrigley - Tulita (Highway #1)	Tulita - Norman Wells (Highway #1)	Norman Wells - Ft. Good Hope (Highway #1)	Colville Lake Access	Deline Access	Trout Lake Access	Nahanni Butte Access	Wekweeti Access	Wha Ti Access	Garnett Access	Detah Access	Tuktoyaktuk Access	Aklavik Access	Ice Bridges	Mackenzie River Crossing Fort Providence	Liard River Crossing at Fort Simpson	Mackenzie River Crossing at Tsiigehtchic	Peel River Crossing	Mackenzie River Crossing at Camsell Bend	Mining Roads	Lupin Mine
1987/88	Open	21-Dec	11-Jan	8-Jan			13-Jan	5-Jan	6-Jan		15-Jan	8-Feb	18-Dec	15-Feb	17-Feb	Open	30-Dec	29-Nov	16-Dec	18-Nov	21-Dec	Open	N/A
	Closed	14-Apr	28-Mar	5-Apr			5-Apr	5-Apr	31-Mar		5-Apr	5-Apr	15-Apr	19-Apr	19-Apr	Closed	16-Apr	19-Apr	11-May	12-May	14-Apr	Closed	N/A
1988/89	Open	15-Dec	16-Jan	16-Jan	27-Feb		27-Jan	11-Jan	10-Jan		23-Jan	3-Feb	19-Dec	7-Feb	18-Jan	Open	21-Dec	8-Dec	28-Nov	15-Nov	15-Dec	Open	12-Feb
	Closed	14-Apr	5-Apr	10-Apr	10-Apr		10-Apr	7-Apr	7-Apr		5-Apr	5-Apr	14-Apr	3-May	3-May	Closed	15-Apr	14-Apr	29-Apr	29-Apr	14-Apr	Closed	9-Apr
1989/90	Open	12-Dec	15-Jan	16-Dec	15-Jan		12-Jan	12-Jan	21-Dec		19-Jan	2-Feb	13-Dec	3-Jan	23-Dec	Open	12-Dec	1-Nov	18-Dec	20-Nov	12-Dec	Open	14-Feb
	Closed	10-Apr	30-Mar	5-Apr	5-Apr		4-Apr	30-Mar	30-Mar		10-Apr	10-Apr	12-Apr	7-May	7-May	Closed	17-Apr	14-Apr	3-May	1-May	10-Apr	Closed	7-Apr
1990/91	Open	12-Dec	8-Jan	8-Jan	2-Jan		7-Feb	17-Dec	12-Dec		16-Jan	22-Jan	4-Dec	23-Dec	21-Dec	Open	28-Nov	1-Nov	24-Nov	16-Nov	12-Dec	Open	1-Feb
	Closed	13-Apr	31-Mar	8-Apr	8-Apr		4-Apr	4-Apr	4-Apr		8-Apr	8-Apr	12-Apr	25-Apr	25-Apr	Closed	19-Apr	13-Apr	7-May	8-May	13-Apr	Closed	22-Mar
1991/92	Open	2-Dec	20-Dec	20-Dec	20-Dec		24-Jan	10-Jan	9-Jan		15-Jan	24-Jan	9-Dec	5-Dec	9-Dec	Open	12-Dec	9-Nov	20-Nov	13-Nov	2-Dec	Open	23-Jan
	Closed	27-Apr	25-Mar	4-Apr	25-Mar		31-Mar	24-Mar	22-Mar		7-Apr	7-Apr	23-Apr	26-Apr	27-Apr	Closed	25-Apr	26-Apr	30-Apr	30-Apr	27-Apr	Closed	13-Mar
1992/93	Open	9-Dec	11-Jan	11-Jan	14-Jan		18-Jan	24-Dec	15-Dec		27-Jan	19-Feb	18-Dec	18-Dec	15-Dec	Open	22-Dec	2-Dec	23-Nov	6-Nov	9-Dec	Open	28-Jan
	Closed	20-Apr	26-Mar	29-Mar	29-Mar		29-Mar	24-Mar	27-Mar		2-Apr	2-Apr	2-Apr	30-Apr	2-May	Closed	14-Apr	20-Apr	12-May	12-May	20-Apr	Closed	22-Mar
1993/94	Open	11-Dec	23-Dec	29-Dec	29-Dec		25-Jan	18-Jan	18-Dec		18-Feb	18-Feb	8-Dec	5-Jan	18-Jan	Open	20-Dec	14-Dec	24-Nov	20-Nov	11-Dec	Open	3-Feb
	Closed	12-Apr	29-Mar	30-Mar	31-Mar		30-Mar	31-Mar	28-Mar		18-Apr	18-Apr	18-Apr	28-Apr	28-Apr	Closed	23-Apr	23-Apr	5-May	11-May	12-Apr	Closed	1-Apr
1994/95	Open		12-Jan	18-Jan	19-Jan		20-Jan	22-Dec	1-Dec		13-Jan	30-Jan	13-Dec	22-Dec	23-Dec	Open	4-Dec	23-Nov	25-Nov	21-Nov	9-Dec	Open	18-Jan
	Closed		19-Mar	26-Mar	26-Mar		26-Mar	22-Mar	26-Mar		29-Mar	22-Mar	21-Apr	24-Apr	24-Apr	Closed	25-Apr	26-Apr	2-May	2-May	22-Apr	Closed	3-Apr
1995/96	Open		26-Jan	8-Jan	8-Jan		18-Jan	20-Jan	1-Dec		15-Jan	2-Feb	29-Nov	19-Dec	19-Dec	Open	4-Dec	16-Nov	30-Nov	30-Nov	30-Nov	Open	25-Jan
	Closed		20-Mar	20-Mar	20-Mar		20-Mar	15-Mar	25-Mar		20-Mar	20-Mar	17-Apr	19-Apr	26-Apr	Closed	12-Apr	23-Apr	28-Apr	28-Apr	23-Apr	Closed	13-Apr
1996/97	Open		14-Feb	14-Jan	14-Jan		4-Feb	11-Jan	9-Dec		20-Jan	7-Feb	12-Dec	20-Dec	12-Jan	Open	9-Dec	14-Nov	19-Nov	12-Nov	13-Dec	Open	28-Jan
	Closed		17-Mar	17-Mar	17-Mar		17-Mar	17-Mar	11-Apr		25-Mar	25-Mar	18-Apr	25-Apr	25-Apr	Closed	22-Apr	18-Apr	10-May	10-May	27-Apr	Closed	12-Apr
1997/98	Open		6-Feb	23-Jan	14-Jan		3-Feb	23-Jan	18-Dec		23-Jan	7-Feb	18-Dec	2-Jan	26-Jan	Open	9-Jan	27-Nov	1-Dec	18-Nov	12-Jan	Open	19-Jan
	Closed		16-Mar	13-Mar	16-Mar		16-Mar	16-Mar	16-Mar		9-Apr	9-Apr	16-Apr	15-Apr	16-Apr	Closed	16-Apr	17-Apr	17-May	2-May	17-Apr	Closed	4-Apr
1998/99	Open		1-Feb	31-Dec	7-Jan		21-Jan	21-Dec	21-Dec		25-Jan	8-Feb	31-Dec	16-Dec	14-Dec	Open	23-Dec	25-Nov	20-Nov	16-Nov	14-Dec	Open	1-Feb
	Closed		16-Mar	16-Mar	15-Mar		16-Mar	16-Mar	16-Mar		7-Apr	1-Apr	9-Apr	20-Apr	21-Apr	Closed	16-Apr	12-Apr	20-Apr	20-Apr	19-Apr	Closed	30-Mar
1999/00	Open		3-Feb	11-Jan	24-Dec		28-Jan	11-Jan	13-Dec		1-Feb	14-Feb	11-Jan	14-Dec	17-Jan	Open	6-Jan	3-Dec	15-Nov	5-Nov	31-Dec	Open	28-Jan
	Closed		15-Mar	15-Mar	15-Mar		15-Mar	15-Mar	15-Mar		20-Apr	12-Apr	20-Apr	17-Apr	17-Apr	Closed	20-Apr	22-Apr	5-May	5-May	22-Apr	Closed	3-Apr
2000/01	Open		19-Jan	15-Jan	8-Jan	23-Feb	20-Jan	18-Dec	6-Dec		20-Feb	10-Mar	21-Dec	20-Dec	24-Jan	Open	21-Dec	21-Nov	16-Nov	20-Nov	14-Dec	Open	1-Feb
	Closed		15-Mar	5-Apr	31-Mar	5-Apr	5-Apr	15-Mar	15-Mar		14-Apr	14-Apr	12-Apr	9-May	8-May	Closed	15-Apr	21-Apr	6-May	9-May	14-Apr	Closed	13-Apr
2001/02	Open		20-Dec	10-Jan	11-Jan	9-Jan	18-Jan	14-Jan	14-Dec		24-Jan	11-Feb	21-Dec	2-Dec	31-Dec	Open	24-Jan	2-Dec	20-Nov	9-Nov	14-Dec	Open	26-Jan
	Closed		18-Mar	18-Mar	18-Mar	18-Mar	18-Mar	18-Mar	18-Mar		25-Apr	25-Apr	30-Apr	2-May	2-May	Closed	23-Apr	1-May	9-May	9-May	1-May	Closed	16-Apr
2002/03	Open		22-Jan	22-Jan	20-Jan	20-Jan	27-Jan	9-Jan	18-Dec		27-Jan	10-Feb	6-Dec	17-Dec	17-Jan	Open	13-Jan	22-Nov	21-Nov	21-Nov	19-Dec	Open	1-Feb
	Closed		18-Mar	10-Apr	10-Apr	10-Apr	10-Apr	18-Mar	18-Mar		17-Apr	17-Apr	18-Apr	26-Apr	27-Apr	Closed	18-Apr	19-Apr	13-May	13-May	19-Apr	Closed	2-Apr
2003/04	Open		19-Dec	29-Dec	19-Dec	19-Dec	23-Jan	12-Dec	16-Dec		13-Feb	9-Mar	19-Dec	17-Dec	23-Dec	Open	9-Dec	26-Nov	20-Nov	14-Nov	6-Dec	Open	28-Jan
	Closed		16-Mar	16-Mar	31-Mar	31-Mar	16-Mar	16-Mar	16-Mar		22-Apr	22-Apr	22-Apr	27-Apr	26-Apr	Closed	13-Apr	22-Apr	12-Apr	12-Apr	19-Apr	Closed	31-Mar
2004/05	Open		13-Dec	4-Jan	13-Dec	13-Dec	21-Jan	21-Dec	13-Dec		14-Jan	28-Jan	10-Dec	7-Dec	6-Dec	Open	6-Dec	29-Nov	12-Nov	31-Oct	12-Dec	Open	26-Jan
	Closed		1-Apr	1-Apr	1-Apr	1-Apr	1-Apr	15-Mar	15-Mar		13-Apr	13-Apr	11-Apr	27-Apr	25-Apr	Closed	19-Apr	22-Apr	4-May	3-May	22-Apr	Closed	5-Apr
2005/06	Open		19-Dec	19-Dec	29-Dec	13-Jan	25-Jan	22-Dec	8-Dec		7-Feb	16-Mar	20-Dec	9-Jan	13-Jan	Open	17-Jan	25-Nov	1-Dec	17-Nov	19-Dec	Open	5-Feb
	Closed		7-Apr	7-Apr	7-Apr	22-Mar	22-Mar	22-Mar	22-Mar		16-Apr	16-Apr	18-Apr	9-May	8-May	Closed	18-Apr	22-Apr	9-May	15-May	22-Apr	Closed	26-Mar
2006/07	Open		22-Dec	20-Dec	21-Dec	4-Jan	19-Jan	5-Jan	1-Dec		3-Feb	28-Feb	4-Jan	5-Dec	6-Dec	Open	8-Dec	24-Nov	24-Nov	9-Nov	22-Dec	Open	28-Jan
	Closed		31-Mar	9-Apr	9-Apr	31-Mar	31-Mar	31-Mar	31-Mar		12-Apr	12-Apr	12-Apr	2-May	4-May	Closed	13-Apr	15-Apr	4-May	9-May	15-Apr	Closed	8-Apr
2007/08	Open		21-Dec	24-Dec	8-Dec	14-Dec	22-Jan	22-Dec	14-Dec	31-Mar	8-Feb	28-Feb	21-Dec	17-Dec	19-Dec	Open	16-Dec	11-Dec	28-Nov	30-Oct	11-Jan	Open	28-Jan
	Closed		9-Apr	9-Apr	9-Apr	9-Apr	9-Apr	9-Apr	8-Apr	8-Apr	11-Apr	11-Apr	11-Apr	24-Apr	1-May	Closed	14-Apr	28-Apr	11-May	11-May	28-Apr	Closed	7-Apr
2008/09	Open		12-Jan	23-Dec	16-Dec	19-Dec	20-Jan	19-Dec	15-Dec	11-Mar	23-Jan	21-Feb	23-Dec	18-Dec	19-Dec	Open	5-Jan	27-Nov	17-Nov	1-Nov	27-Nov	Open	1-Feb
	Closed		5-Apr	5-Apr	5-Apr	5-Apr	5-Apr	5-Apr	5-Apr	8-Apr	14-Apr	14-Apr	13-Apr	26-Apr	27-Apr	Closed	17-Apr	29-Apr	4-May	1-May	28-Apr	Closed	25-Mar
2009/10	Open		23-Dec	23-Dec	23-Dec	23-Dec	28-Jan	18-Dec	9-Dec	11-Mar	20-Jan	22-Feb	24-Dec	18-Dec	21-Dec	Open	4-Jan	9-Dec	20-Nov	20-Nov	17-Dec	Open	4-Feb
	Closed		31-Mar	31-Mar	31-Mar	31-Mar	31-Mar	31-Mar	31-Mar	8-Apr	11-Apr	11-Apr	8-Apr	20-Apr	20-Apr	Closed	18-Apr	21-Apr	28-Apr	25-Apr	18-Apr	Closed	21-Mar
2010/11	Opend		23-Dec	23-Dec	14-Dec	14-Dec	10-Jan	17-Dec	10-Dec	14-Feb	14-Jan	5-Feb	16-Dec	22-Dec	22-Dec	Open	16-Dec	3-Dec	22-Nov	8-Nov	22-Dec	Open	28-Jan
	Closed		29-Mar	29-Mar	29-Mar	29-Mar	29-Mar	1-Apr	15-Apr	7-Apr	8-Apr	8-Apr	27-Apr	3-May	11-May	Closed	11-Apr	29-Apr	14-May	15-May	29-Apr	Closed	31-Mar
2011/12	Open		20-Dec	20-Dec	20-Dec	20-Dec	30-Dec	16-Dec	2-Dec	6-Mar	25-Jan	17-Feb	31-Dec	10-Dec	7-Dec	Open	12-Jan	28-Nov	24-Nov	8-Nov	6-Dec	Open	1-Feb
	Closed		6-Apr	2-Apr	2-Apr	2-Apr	2-Apr	2-Apr	2-Apr	10-Apr	19-Apr	19-Apr	20-Apr	25-Apr	25-Apr	Closed	25-Apr	25-Apr	11-May	11-May	18-Apr	Closed	28-Mar
Last 20 years avg	Open	17-Dec	7-Jan	3-Jan	30-Dec	n/a	21-Jan	29-Dec	11-Dec	n/a	27-Jan	29-Jan	19-Dec	18-Dec	28-Dec	Open	24-Dec	28-Nov	22-Nov	30-Nov	16-Dec	Open	28-Jan
	Closed	11-Apr	24-Mar	27-Mar	27-Mar	n/a	25-Mar	22-Mar	25-Mar	n/a	10-Apr	9-Apr	15-Apr	25-Apr	26-Apr	Closed	16-Apr	21-Apr	4-May	4-May	20-Apr	Closed	1-Apr
Last 5 years avg	Open		26-Dec	22-Dec	16-Dec	18-Dec	15-Jan	18-Dec	10-Dec	8-Mar	24-Jan	18-Feb	23-Dec	17-Dec	17-Dec	Open	29-Dec	3-Dec	22-Nov	7-Nov	16-Dec	Open	31-Jan
	Closed		3-Apr	2-Apr	2-Apr	2-Apr	2-Apr	2-Apr	5-Apr	7-Apr	12-Apr	12-Apr	15-Apr	25-Apr	28-Apr	Closed	16-Apr	25-Apr	7-May	6-May	23-Apr	Closed	28-Mar

ALL WEATHER ROAD OPENED SUMMER 1994

WINTER ROAD NOT OPENED UNTIL 2000/01

ALL WEATHER ROAD OPENED FALL 1997

Table 7 Truck Traffic on the Tibbitt to Contwoyto Winter Road

		Lupin Mine (1)	BHP Diamonds Ekati Mine	Diavik Diamond Mines Inc.	DeBeers Snap Lake	Tahera	Mineral Exploration Traffic	Total
2012	Total Tonnage	0	69,351	89,045	46,137	0	4,693	209,226
	Total Trucks	0	2,272	2,947	1,755	0	225	7,199
2011	Total Tonnage	0	64,594	127,375	42,619	0	4,457	239,045
	Total Trucks	0	1,967	3,863	1,373	0	186	7,389
2010	Total Tonnage	0	47,581	39,748	32,505	0	186	120,020
	Total Trucks	0	1,461	1,345	1,116	0	15	3,937
2009	Total Tonnage	0	58,544	91,362	22,884	0	405	173,195
	Total Trucks	0	1,663	2,779	904	0	31	5,377
2008	Total Tonnage	0	72,233	138,051	43,244	2,300	2,513	258,341
	Total Trucks	0	1,840	4,239	1,250	49	77	7,455
2007	Total Tonnage	2,059	121,716	133,267	64,505	17,566	4,172	343,285
	Total Trucks	55	3,937	4,573	2,355	500	236	11,656
2006 (2)	Total Tonnage	1,071	82,447	55,750	34,852	7,821	2,435	184,376
	Total Trucks	35	3,152	2,094	1,623	258	148	7,310
2005	Total Tonnage	7,709	117,661	94,303	18,089	0	14,771	252,533
	Total Trucks	251	3,434	2,848	703	0	614	7,850
2004	Total Tonnage	11,097	105,127	53,960	6,852	0	2,108	179,144
	Total Trucks	288	2,984	1,572	295	0	117	5,256
2003	Total Tonnage	27,832	101,990	67,394	0	0	1,602	198,818
	Total Trucks	702	3,003	2,202	0	0	87	5,994
2002 (3)	Total Tonnage	27,315	132,077	93,009	0	0	3,083	255,484
	Total Trucks	698	3,913	3,339	0	0	218	8,168

The number of trucks indicated are "loaded truckloads" and therefore represents one-way traffic.
To determine the total truck traffic these numbers should be multiplied by 2.

(1) Winter road data provided by the Tibbitt to Contwoyto Winter Road Joint Venture.

2012 season	56 days (February 1 - March 28)
2011 season	62 days (January 28 - March 31)
2010 season	45 days (February 4 - March 21)
2009 season	52 days (February 1 - March 25)
2008 season	70 days (January 28 - April 7)
2007 season	70 days (January 28 - April 8)
2006 (2) season	49 days (February 5 - March 26)
2005 season	69 days (January 26 - April 5)
2004 season	63 days (January 28 - March 31)
2003 season	60 days (February 1 - April 2)
2002 season	80 days (January 26 - April 16)

Notes: BHP Diamond Mines Ekati Mine went into production in October of 1998.
Diavik Diamond Mine began construction of the mine site in 2000.
Tahera Diamond Mine suspended operations in February 2008.

(2) Climatically, 2006 was one of the warmest winters on record.
Winter road never reached full load bearing capacity.

(3) For data preceeding 2002, please see Appendix B 'Historical Data'.

Refer to Figure 1 for the location of this winter road

Table 8 Estimated Vehicle Kilometres Traveled on NWT Highways

Hwy	km		Length	AADT										Vehicle Kilometres Traveled (Millions)									
			(km)	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
1	58	Alberta Border to Enterprise	84.2	250	250	250	280	270	280	280	250	250	260	7.7	7.7	7.7	8.6	8.3	8.7	8.7	7.6	7.6	7.8
1	85	Enterprise to Junction with Hwy #3	103.4	290	290	220	330	410	390	300	270	270	270	10.8	11.0	8.4	12.7	15.4	14.8	11.4	10.3	10.3	10.1
		1 Arterial	187.6											18.5	18.7	16.0	21.3	23.7	23.5	20.1	18.0	18.0	17.9
2	10	Enterprise to Junction with Hwy #5	37.5	660	430	610	450	380	420	450	410	410	420	9.1	5.9	8.3	6.1	5.3	5.7	6.1	5.6	5.6	5.8
2	32	Junction with Hwy #5 to Hay River (West Channel Bridge)	6.2	1830	1630	1900	1850	1790	1420	1460	1390	1390	1420	4.1	3.7	4.3	4.2	4.1	3.2	3.3	3.1	3.1	3.2
2	42	1 km south Airport Access, .5 km north West Channel Bridge		2660	2670	3250	2660	2940	2130	2530	2530	2530	2760										
		2 Arterial	43.7											13.2	9.6	12.6	10.3	9.3	9.0	9.4	8.7	8.7	9.0
3	2	Junction with Hwy #1 to Fort Providence Access	44.1	270	270	250	320	300	270	260	250	250	240	4.3	4.3	4.1	5.1	4.7	4.3	4.2	4.0	4.0	3.9
3	175	Fort Providence Access to Edzo Access	192.4	250	240	250	310	300	210	210	210	210	210	17.3	16.8	17.5	21.8	20.9	14.9	14.9	14.9	14.9	14.6
3	240	Edzo Access to Rae Access	8.5	760	840	620	770	780	780	650	650	650	640	2.4	2.6	1.9	2.4	2.4	2.4	2.0	2.0	2.0	2.0
3	324	Rae Access to Yellowknife Access (Old Airport Road)	88.5	670	750	640	640	640	640	450	450	450	440	21.6	24.1	20.7	20.7	20.7	20.7	14.6	14.6	14.6	14.3
3	337	Old Airport Road Junction to Junction with Hwy #4	5.3	5980	6730	5600	5600	5600	5680	5570	5570	5570	5460	11.6	13.0	10.8	10.8	10.8	11.0	10.8	10.8	10.8	10.6
		3 Arterial	338.8											57.2	60.9	55.0	60.8	59.6	53.2	46.4	46.2	46.2	45.3
		Total Arterial	**570.1**											**88.8**	**89.2**	**83.6**	**92.4**	**92.6**	**85.7**	**76.0**	**72.9**	**72.9**	**72.2**
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	60	70	40	50	60	60	70	60	60	60	6.3	6.5	3.9	4.9	5.4	6.1	7.2	6.1	6.1	6.3
*1	468	Junction with Hwy #7 to Fort Simpson Access	14.9	260	270	230	240	240	240	240	240	240	240	1.4	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1	477	Fort Simpson Access to Mackenzie River	79.2	50	20	50	50	60	70	60	40	40	50	1.4	0.6	1.4	1.4	1.6	1.9	1.6	1.2	1.2	1.5
		1 Collector	362.9											9.1	8.5	6.6	7.7	8.3	9.3	10.1	8.6	8.6	9.1
4	1	Junction with Hwy #3 to Royal Oak Mine	5	1200	1270	1460	900	870	1240	1240	1240	1240	1240	2.2	2.3	2.7	1.6	1.6	2.3	2.3	2.3	2.3	2.3
4	10	Royal Oak Mine to Prelude Lake East Access	11.8	1000	820	650	660	610	730	730	730	730	730	4.3	3.6	2.8	2.9	2.7	3.2	3.2	3.2	3.2	3.2
4	43	Prelude Lake East Access to Tibbitt Lake	52.4	150	130	160	130	160	100	100	100	100	100	2.8	2.4	3.0	2.4	3.0	1.9	1.9	1.9	1.9	1.9
		4 Collector	69.2											9.3	8.3	8.5	6.9	7.2	7.3	7.3	7.3	7.3	7.3
5	1	Junction with Hwy #2 to Hay River Indian Village Access	2.5	620	620	560	560	560	560	560	560	560	540	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	19	Hay River Reserve Access to Junction with Hwy #6	57.9	230	160	230	260	210	150	170	170	170	160	4.8	3.5	4.8	5.5	4.5	3.2	3.7	3.7	3.7	3.4
5	65	Junction with Hwy #6 to Salt River Village Access Road	187.8	110	90	90	110	90	70	80	80	80	70	7.3	5.8	6.0	7.4	6.4	4.5	5.3	5.5	5.5	5.0
5	232	Salt River Village Access Road to Trout Street	13.5	150	150	130	130	130	130	130	130	130	120	0.7	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	490	500	420	420	420	420	420	420	420	400	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
		5 Collector	266											14.1	11.4	12.6	14.7	12.6	9.5	10.8	11.0	11.0	10.1
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	80	80	70	80	80	80	80	80	80	80	1.9	1.9	1.9	2.1	2.1	1.9	1.9	2.0	2.0	2.0
6	74	Little Buffalo Village Road to Fort Resolution	21.7	100	100	80	110	110	100	120	110	110	100	0.8	0.8	0.6	0.8	0.9	0.8	0.9	0.8	0.8	0.8
		6 Collector	90											2.7	2.7	2.5	2.9	3.0	2.6	2.9	2.9	2.9	2.8
7	35	BC Border to Fort Liard	37.6	110	80	110	110	110	140	120	120	120	120	1.5	1.1	1.5	1.5	1.5	1.9	1.6	1.6	1.6	1.6
7	253	Fort Liard to Junction with Hwy #1	216.5	50	40	50	50	50	30	30	30	30	30	3.7	3.3	4.0	4.0	4.0	2.7	2.7	2.7	2.7	2.6
		7 Collector	254.1											5.2	4.4	5.5	5.5	5.5	4.6	4.3	4.3	4.3	4.3
8	34	Yukon Border to Fort McPherson Access	85.4	70	70	50	70	70	70	50	50	50	50	2.0	2.1	1.7	2.2	2.2	2.2	1.6	1.6	1.6	1.6
8	106	Fort McPherson Access to Mackenzie River Ferry	57.2	110	130	150	120	110	90	100	80	80	80	2.2	2.7	3.1	2.6	2.3	1.9	2.1	1.7	1.7	1.8
8	243	Mackenzie River Ferry to Airport Access Road	116.7	110	110	80	80	80	80	80	80	80	80	4.6	4.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
8	259	Airport Access Road to Tuk Park Access Road	6.1	960	970	740	740	740	740	740	740	740	690	2.1	2.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
8	268	Tuk Park Access Road to Inuvik	3.9	1680	1700	1370	1370	1370	1370	1370	1270	1270	1210	2.4	2.4	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7
		8 collector	269.3											13.3	13.8	11.8	11.7	11.4	11.0	10.6	10.0	10.0	9.9
		Total Collector	**1312**											**53.7**	**49.1**	**47.4**	**49.3**	**48.0**	**44.4**	**46.0**	**44.1**	**44.1**	**43.6**
		Total Vehicle Kilometres Travelled												**142.6**	**138.3**	**131.0**	**141.7**	**140.6**	**130.0**	**122.0**	**117.0**	**117.0**	**115.8**

Percent increase from 2002 to 2003 = 1.1% (Arterial increase = 0.9%; Collector increase = 1.3%)

Percent increase from 2003 to 2004 = 0% (Arterial increase = 0%; Collector increase = 0%)

Percent increase from 2004 to 2005 = 4.3% (Arterial increase = 4.3%; Collector increase = 4.2%)

Percent increase from 2005 to 2006 = 6.6% (Arterial increase = 12.7%; Collector increase = -3.5%)

Percent increase from 2006 to 2007 = 8.1% (Arterial increase = 8.1%; Collector increase = 8.3%)

Percent increase from 2007 to 2008 = 0.8% (Arterial increase = -0.2%; Collector increase = 2.7%)

Percent increase from 2008 to 2009 = -7.5% (Arterial increase = -9.5%; Collector increase = -3.9%)

Percent increase from 2009 to 2010 = 5.5% (Arterial increase = 6.7%; Collector increase = 3.5%)

Average annual percent increase from 2002 to 2011 = 2.6% (Arterial increase = 2.6%; Collector increase = 2.6%)

Vehicle Kilometres Travelled (VKT) is a unit for measuring the amount of traffic on a road. It is calculated by multiplying the AADT by the length of the road.

I.E. (number of vehicles)(number of kilometres assumed driven)=vehicle kilometres travelled. VKT indicates usage of a road and is typically used to calculate collision rates.

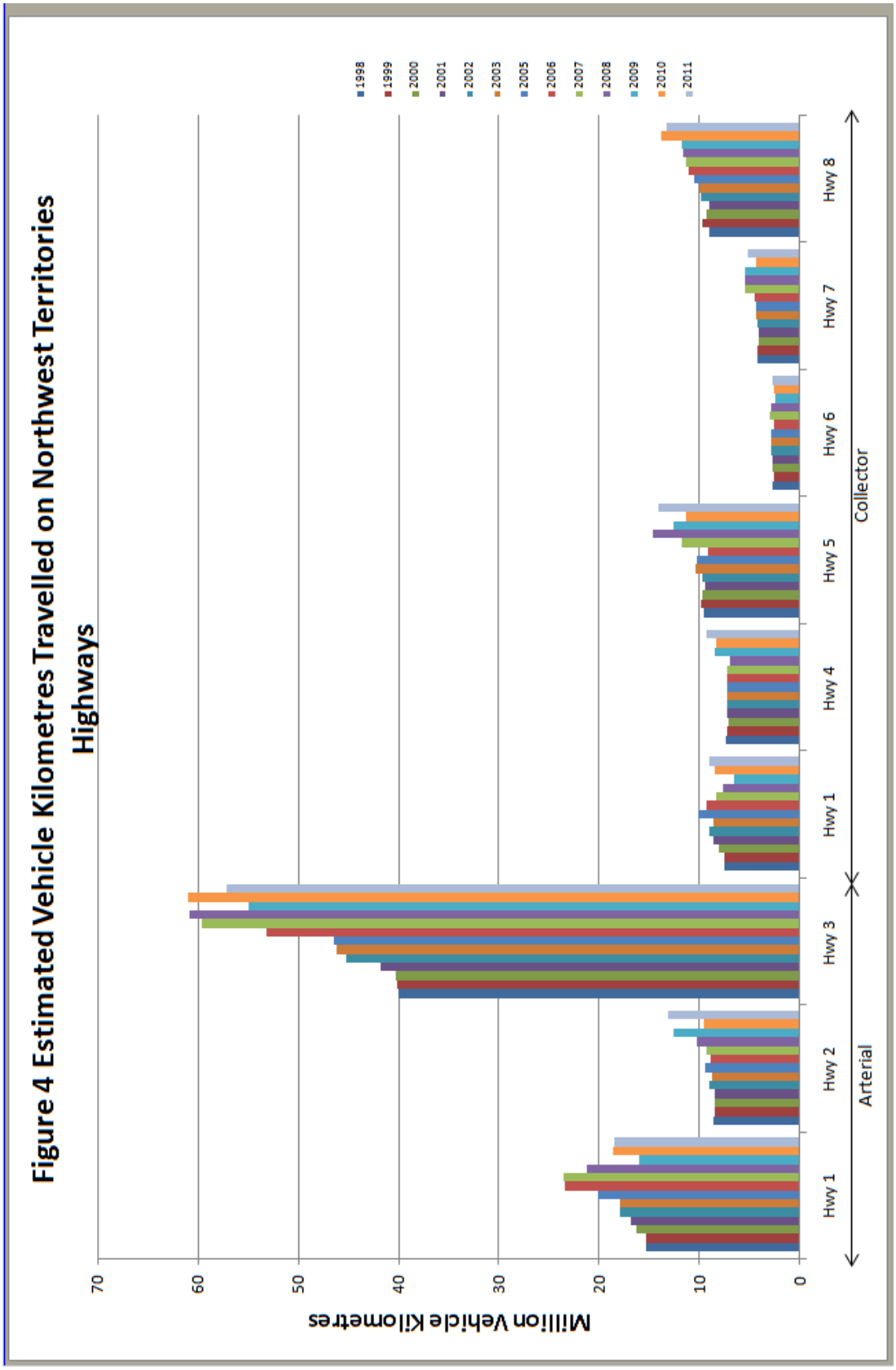
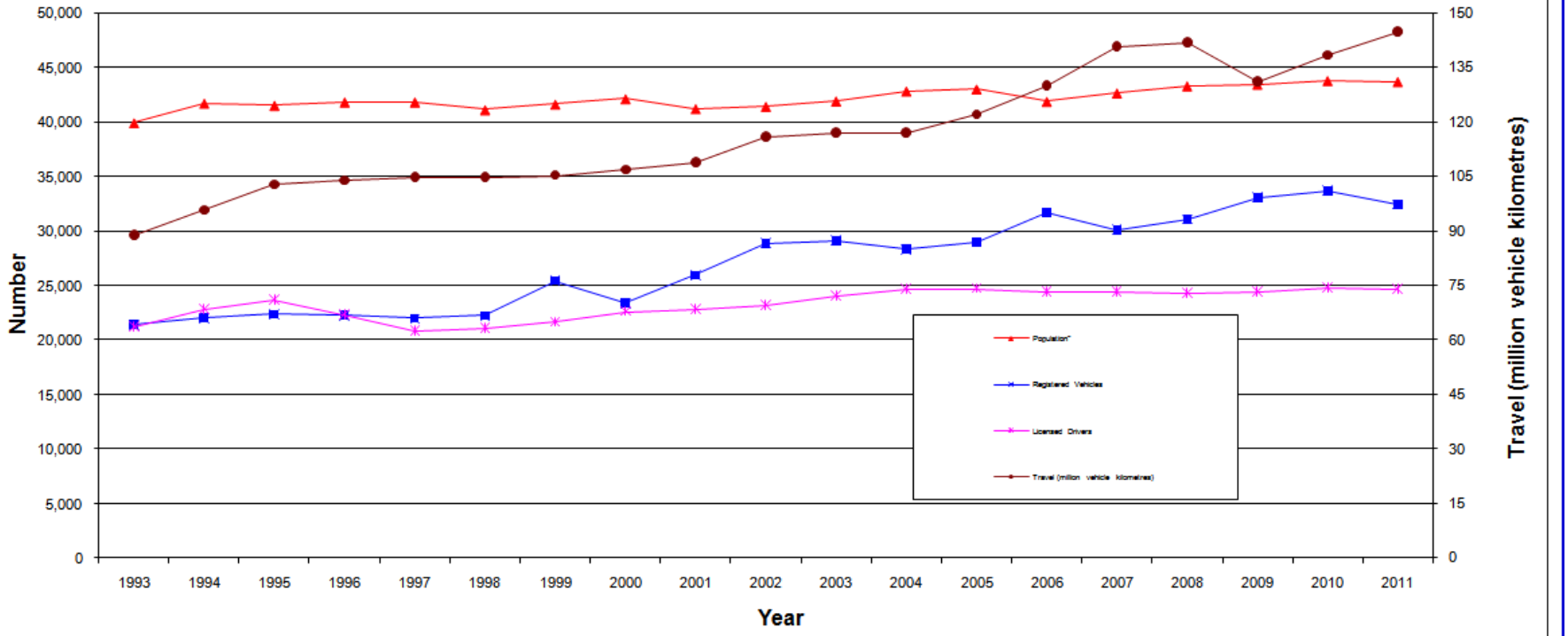


Figure 4 Estimated Vehicle Kilometres Travelled on Northwest Territories Highways
1998
1999
2000
2001
2002
2003
2005
2006
2007
2008
2009
2010
2011
Million Vehicle Kilometres
70
60
50
40
30
20
10
0
Hwy 1
Hwy 2
Hwy 3
Hwy 1
Hwy 4
Hwy 5
Hwy 6
Hwy 7
Hwy 8
Arterial
Collector

Figure 5 Yearly Trend in Road-Related Indicators



Indicators	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Population*	41,800	41,100	41,600	42,100	41,200	41,400	41,900	42,810	42,982	41,861	42,637	43,282	43,439	43,759	43,675
Registered Vehicles	21,956	22,201	25,426	23,371	25,936	28,856	29,106	28,305	28,934	31,664	30,078	31,042	33,036	33,688	32,391
Licensed Drivers	20,850	21,112	21,669	22,626	22,838	23,223	24,040	24,641	24,703	24,432	24,442	24,323	24,449	24,785	24,691
Travel (million vehicle kilometres)	104.6	104.7	105.2	106.8	108.7	115.8	117.0	117.0	122.0	130.0	140.6	141.7	131.0	138.3	144.8

*Source: Northwest Territories Stats Bureau

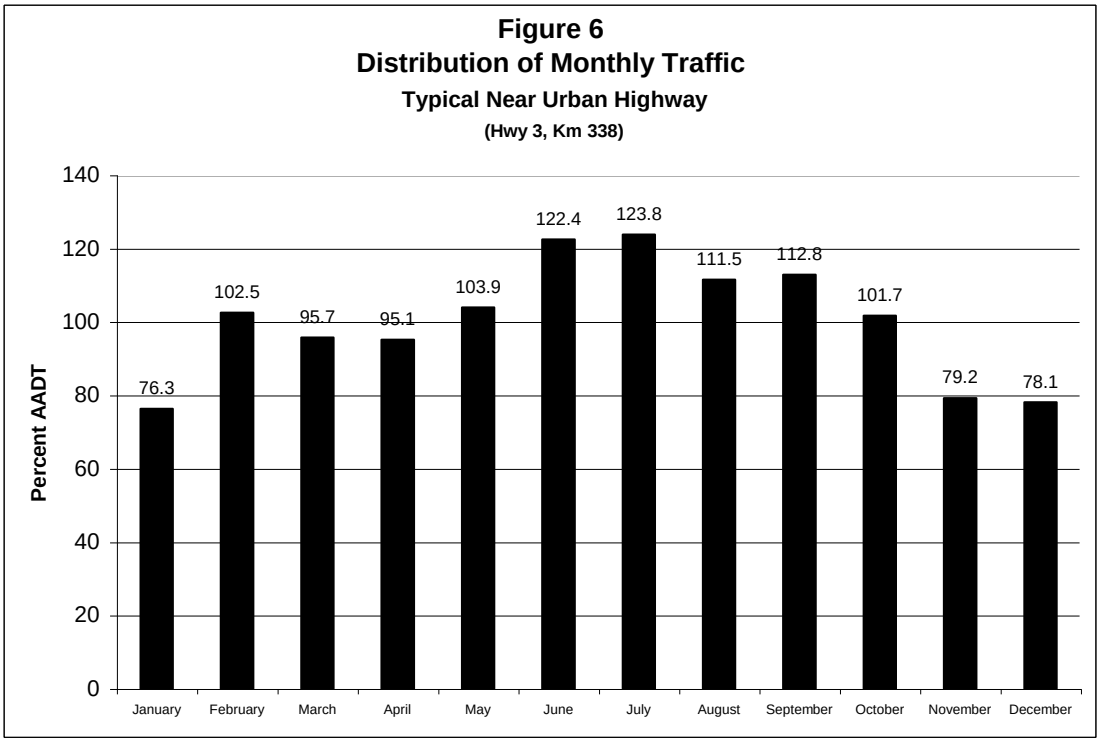


Figure 6
Distribution of Monthly Traffic
Typical Near Urban Highway
(Hwy 3, Km 338)
Percent AADT
140
120
100
80
60
40
20
0
76.3
102.5
95.7
95.1
103.9
122.4
123.8
111.5
112.8
101.7
79.2
78.1
January
February
March
April
May
June
July
August
September
October
November
December

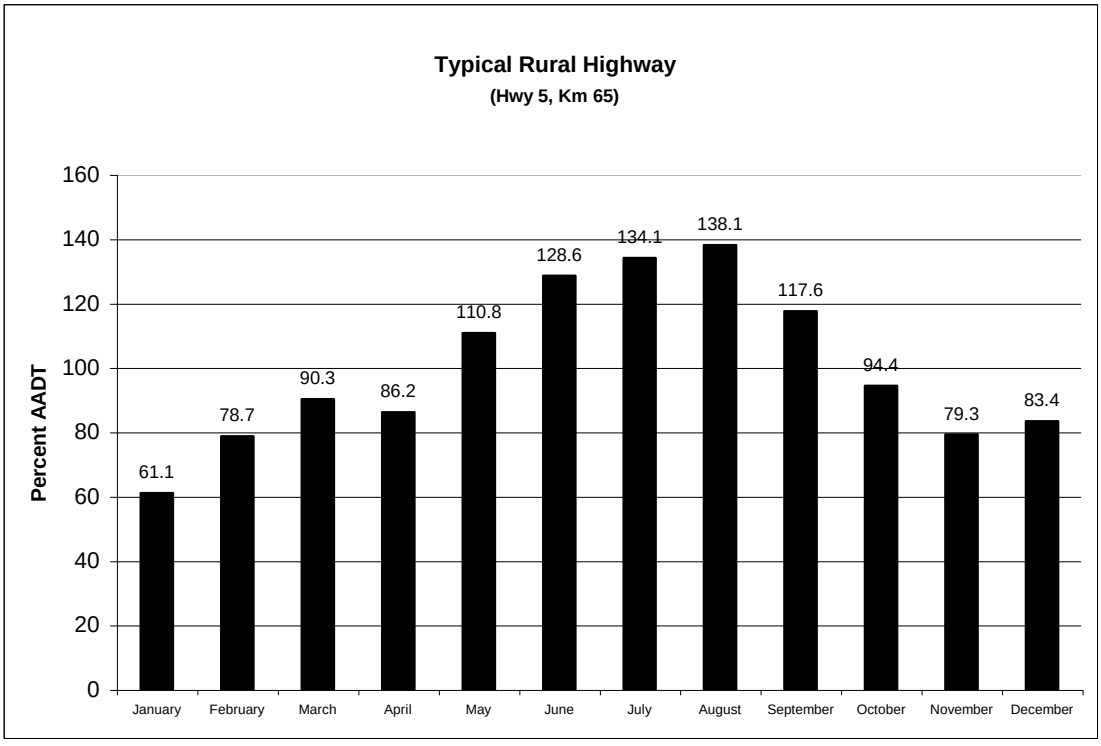
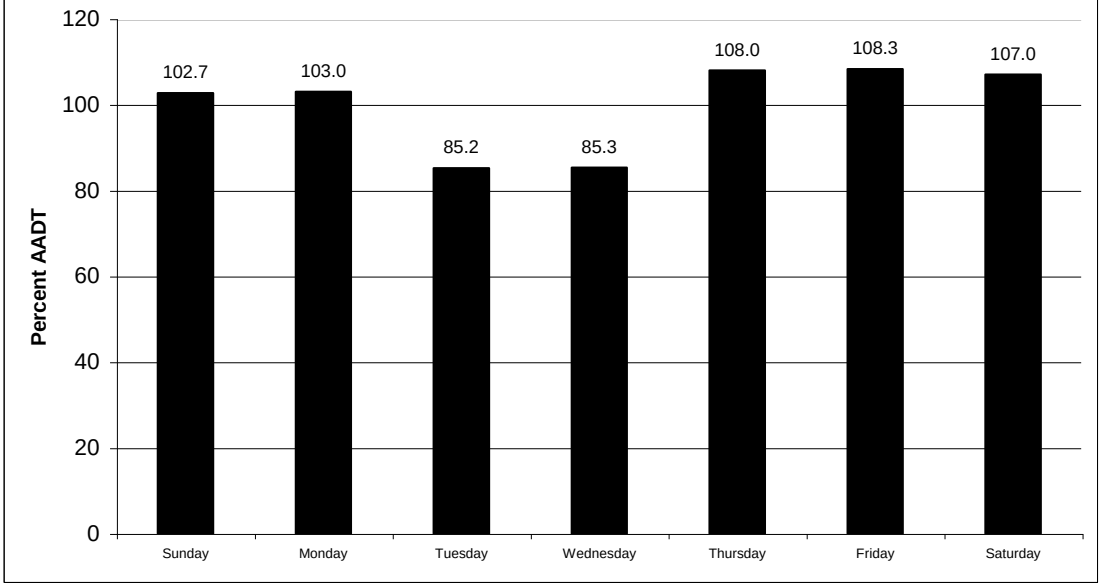

Typical Rural Highway
(Hwy 5, Km 65)
Percent AADT
160
140
120
100
80
60
40
20
0
61.1
78.7
90.3
86.2
110.8
128.6
134.1
138.1
117.6
94.4
79.3
83.4
January
February
March
April
May
June
July
August
September
October
November
December

Figure 7
Distribution of Daily Traffic
Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

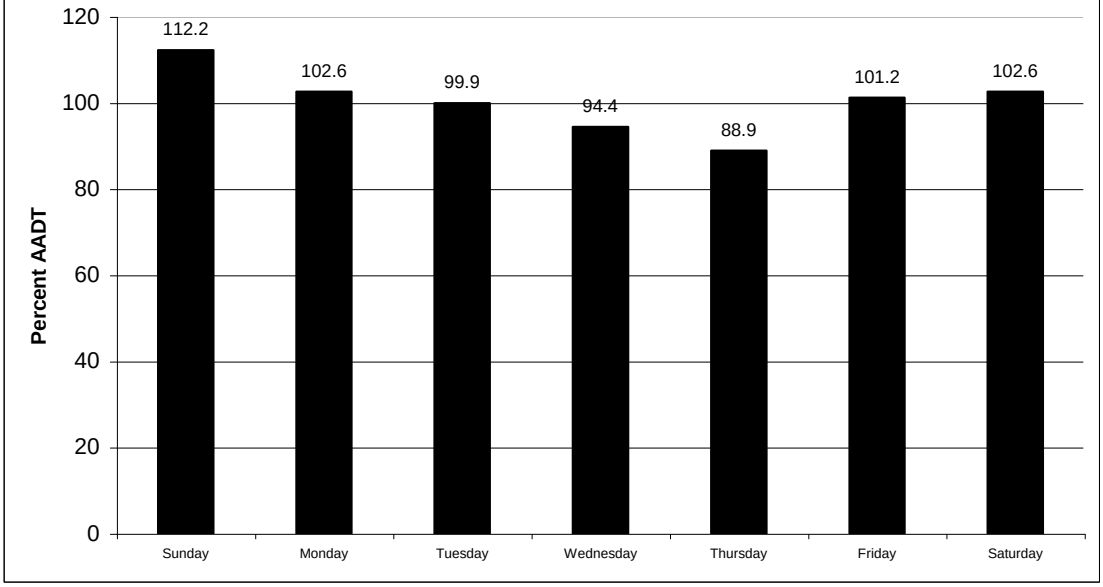
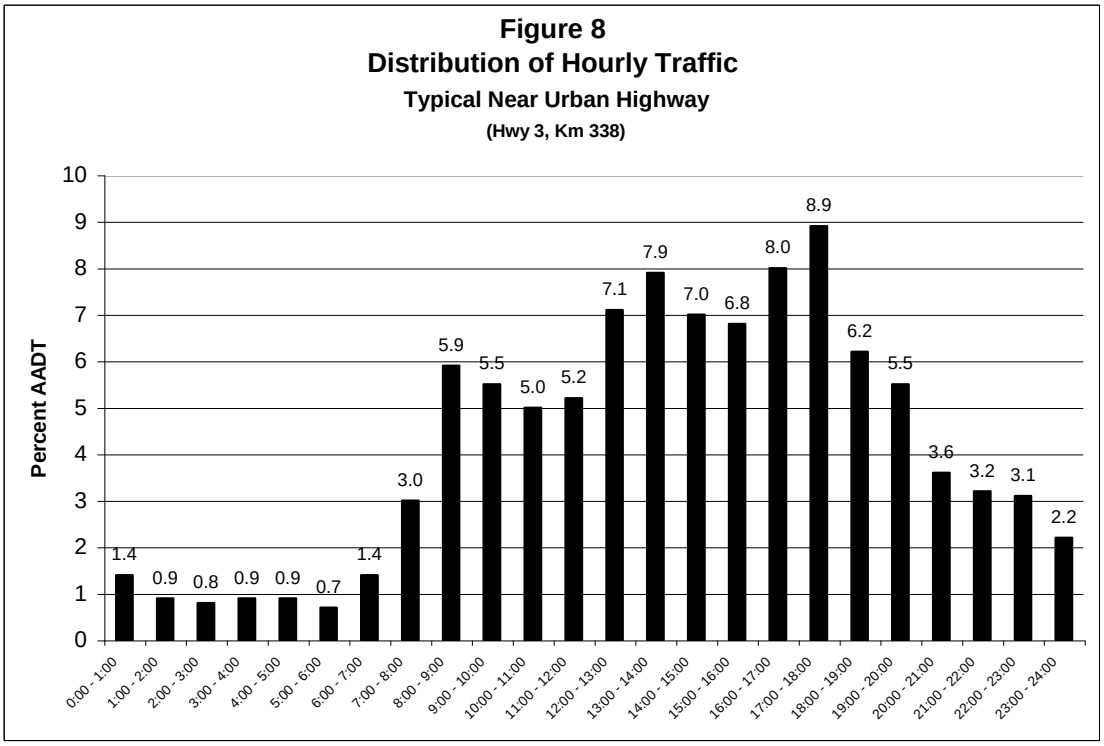
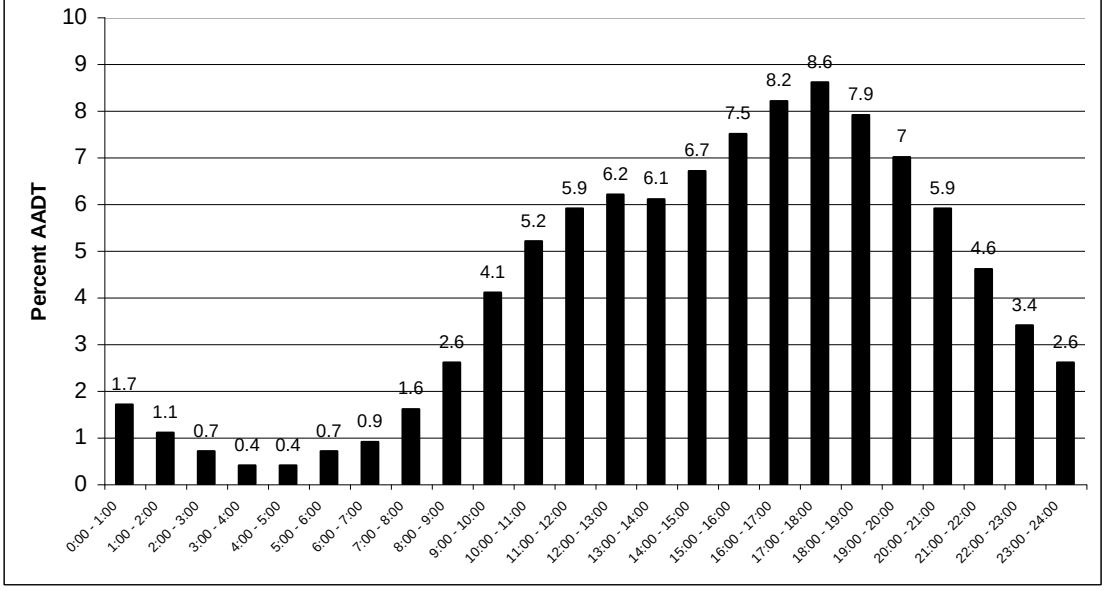


Figure 8
Distribution of Hourly Traffic
Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)



Section 3.0

Vehicle Movements at Ferries and Weigh Scales

Figure 9
Average Daily Traffic on Highway Ferries

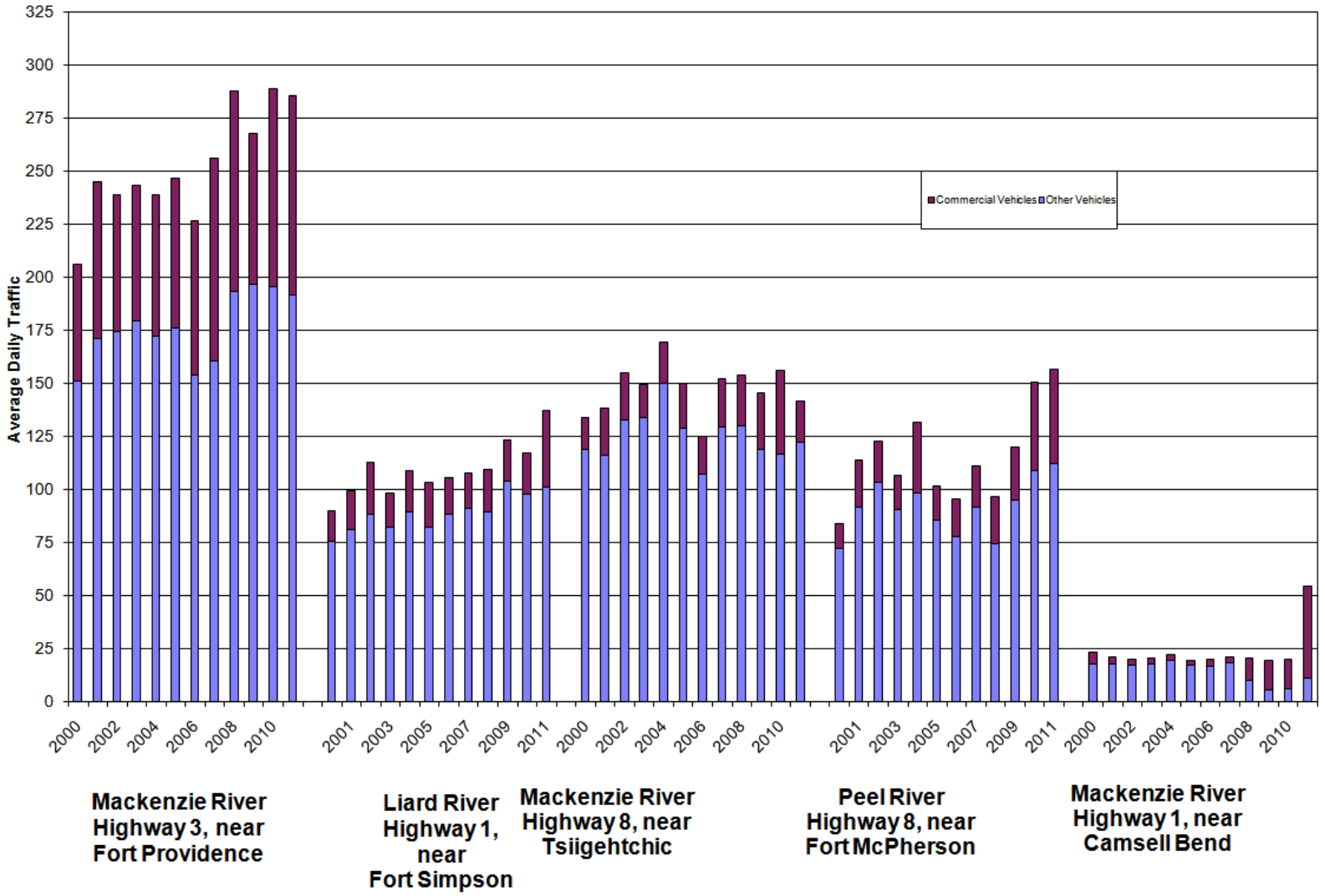


Table 9 Average Daily Traffic on Highway Ferries

Ferry Crossing	Location	Ferry	Vehicle Type	Year											
				2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000
Dory Point	Highway 3, near Fort Providence	M.V. Merv Hardie	Commercial Vehicles	94	93	71	94	95	73	71	67	64	64	74	55
			Light Vehicles	173	177	177	176	142	138	159	154	159	156	154	134
			Trailers Towed	19	19	20	18	19	17	17	18	21	19	18	17
			Total	**286**	**289**	**268**	**288**	**256**	**227**	**247**	**239**	**244**	**239**	**245**	**206**
Liard River	Highway 1, near Fort Simpson	M.V. Lafferty	Commercial Vehicles	36	20	19	20	17	17	21	20	16	24	19	14
			Light Vehicles	92	90	96	83	84	81	76	83	76	82	75	70
			Trailers Towed	9	8	8	7	7	7	6	6	7	7	6	6
			Total	**138**	**118**	**123**	**110**	**108**	**106**	**104**	**109**	**98**	**113**	**100**	**90**
Mackenzie River	Highway 8, near Tsiigehtchic	M.V. Louis Cardinal	Commercial Vehicles	20	40	27	24	23	18	21	20	15	23	22	15
			Light Vehicles	116	108	109	122	119	99	119	136	127	120	104	106
			Trailers Towed	7	9	10	8	11	8	10	14	7	13	12	13
			Total	**142**	**157**	**146**	**154**	**152**	**125**	**150**	**170**	**150**	**155**	**139**	**134**
Peel River	Highway 8, near Fort McPherson	C.F. Abraham Francis	Commercial Vehicles	45	42	25	22	19	18	16	34	16	19	22	12
			Light Vehicles	105	100	88	69	82	71	80	91	82	97	82	64
			Trailers Towed	7	9	7	6	10	7	6	8	9	7	10	8
			Total	**157**	**151**	**120**	**97**	**111**	**96**	**102**	**132**	**107**	**123**	**114**	**84**
Mackenzie River	Highway 1, near Camsell Bend	M.V. Johnny Berens	Commercial Vehicles	44	14	14	11	3	3	3	3	3	3	3	6
			Light Vehicles	9	5	5	9	18	16	16	18	17	16	17	17
			Trailers Towed	2	1	1	1	1	1	1	1	1	1	1	1
			Total	**55**	**20**	**19**	**21**	**21**	**20**	**20**	**22**	**21**	**20**	**21**	**23**

Table 10 Vehicle Classification Data at Dory Point Ferry (Highway 3 near Fort Providence, M.V. Merv Hardie)

Operating Season		Month	Total	Average	Percent of Total								
Open	Close		Traffic	Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other	Total Commercial	Number of Passengers
15-May-11	3-Feb-12	May-11	3,910	230	64.07	7.01	2.53	24.81	0.05	0.36	1.18	28.93	6,917
		Jun-11	10,063	335	65.26	11.42	3.21	17.93	0.04	0.42	1.73	23.32	17,050
		Jul-11	13,439	434	64.41	9.47	2.11	21.82	0.04	0.27	1.88	26.12	23,386
		Aug-11	12,052	389	63.57	7.40	2.88	24.05	0.03	0.23	1.83	29.03	19,621
		Sep-11	10,015	334	60.09	6.06	3.05	29.96	0.01	0.37	0.47	33.85	16,273
		Oct-11	8,606	278	61.71	3.45	2.96	30.97	0.08	0.49	0.34	34.84	13,389
		Nov-11	5,502	183	60.16	2.47	3.80	32.24	0.04	0.44	0.85	37.37	8,381
		Dec-11	6,282	203	64.85	2.64	3.66	28.05	0.02	0.35	0.43	32.51	10,212
		Jan-12	5,133	166	30.63	2.12	8.65	57.24	0.23	0.25	0.88	67.25	6,701
		Feb-12	483	161	3.31	0.83	8.70	83.64	0.21	0.41	2.90	95.86	517
		Total	75,485	286	60.53	6.50	3.36	28.02	0.05	0.34	1.19	32.97	122,447
6-May-10	14-Jan-11	May-10	5,372	207	66.16	8.23	3.24	20.72	0.04	0.67	0.95	25.61	9,357
		Jun-10	9,927	331	62.05	12.83	2.15	20.64	0.01	0.63	1.68	25.11	17,324
		Jul-10	12,775	412	63.97	10.06	1.98	21.96	0.02	0.54	1.47	25.97	21,685
		Aug-10	12,774	412	65.64	6.73	1.62	24.57	0.04	0.39	1.00	27.63	21,520
		Sep-10	11,089	370	62.04	4.68	2.34	29.63	0.05	0.44	0.82	33.28	18,357
		Oct-10	10,120	326	62.41	3.15	1.90	30.78	0.05	0.58	1.13	34.44	16,891
		Nov-10	5,161	172	56.27	2.00	2.89	37.74	0.12	0.56	0.43	41.74	7,870
		Dec-10	4,702	152	47.00	1.57	2.68	47.49	0.26	0.55	0.45	51.42	6,647
		Jan-11	1,190	85	7.14	0.92	4.96	83.19	0.67	0.17	2.94	91.93	1,293
		Total	73,110	289	61.09	6.68	2.23	28.28	0.06	0.52	1.12	32.22	120,944
15-May-09	21-Jan-10	May-09	4,186	246	70.14	7.67	2.87	17.18	0.00	0.53	1.62	22.19	7,439
		Jun-09	9,608	320	63.70	13.47	1.59	19.28	0.00	0.63	1.33	22.84	17,501
		Jul-09	12,155	392	70.06	10.72	2.17	14.69	0.02	0.52	1.83	19.22	21,950
		Aug-09	11,607	374	71.23	7.80	1.87	17.45	0.05	0.42	1.17	20.97	21,257
		Sep-09	8,885	296	67.17	5.77	2.80	22.69	0.05	0.60	0.92	27.06	15,535
		Oct-09	7,467	241	68.80	3.78	3.03	23.20	0.08	0.76	0.36	27.43	12,927
		Nov-09	6,128	204	58.96	2.22	2.71	34.89	0.16	0.64	0.42	38.82	10,033
		Dec-09	5,467	176	64.39	3.35	2.87	28.11	0.15	0.68	0.46	32.27	9,208
		Jan-10	1,735	83	20.75	2.31	4.44	71.41	0.06	0.17	0.86	76.95	2,145
		Total	67,238	268	66.09	7.40	2.42	22.37	0.06	0.57	1.08	26.51	117,995
13-May-08	26-Jan-09	Total	74,242	288	61.13	6.19	2.15	28.91	0.03	0.54	1.05	32.68	127,007
14-May-07	18-Jan-08	Total	63,843	256	55.24	7.55	2.07	33.47	0.04	0.66	0.97	37.21	109,615
7-May-06	22-Jan-07	Total	59,021	227	60.64	7.30	2.82	27.41	0.07	0.71	1.06	32.06	101,293
12-May-05	2-Feb-06	Total	65,647	247	64.59	6.78	2.63	23.71	0.07	0.75	1.47	28.63	120,268
17-May-04	6-Jan-05	Total	55,968	239	64.58	7.56	2.68	23.09	0.08	0.79	1.23	27.86	104,377
17-May-03	9-Jan-04	Total	57,720	244	65.40	8.45	2.23	21.87	0.10	0.71	1.25	26.16	109,721
22-May-02	27-Jan-03	Total	59,728	239	65.17	7.98	2.28	22.68	0.13	0.70	1.06	26.85	111,535
12-May-01	15-Jan-02	Total	60,868	245	62.66	7.22	2.22	25.37	0.53	0.78	1.22	30.12	115,370
9-May-00	15-Jan-01	Total	51,753	206	65.10	8.20	2.10	22.26	0.03	0.79	1.52	26.70	99,729
9-May-99	21-Jan-00	Total	51,753	201	67.83	8.72	2.04	19.18	0.06	0.84	1.33	23.45	102,541
7-May-98	13-Jan-99	Total	51,820	206	68.63	8.32	2.27	18.71	0.01	0.81	1.24	23.04	100,691
14-May-97	29-Jan-98	Total	52,660	203	64.26	7.22	2.55	23.95	0.07	0.82	1.13	28.52	100,851

Note: To calculate the monthly average daily traffic; the total montly volume is divided by the number of days in the month, regardless of whether or not the ferry operated every day in the month, except for the beginning and ending months where the actual number of days is used.

Table 11 Vehicle Classification Data at Liard River Ferry (Highway 1 near Fort Simpson, M.V. Lafferty)

Operating Season		Month	Total Traffic	Average Daily Traffic	Percent of Total								
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other	Total Commercial	Number of Passengers
13-May-11	3-Nov-11	May-11	1,753	92	80.15	5.82	3.42	4.73	0.00	0.46	5.42	14.03	3,184
		Jun-11	3,177	106	73.02	7.21	7.99	9.10	0.38	0.06	2.23	19.77	5,984
		Jul-11	3,638	117	73.03	9.81	6.07	8.33	0.27	0.14	2.34	17.15	7,073
		Aug-11	3,963	128	70.68	8.33	9.59	9.59	0.15	0.10	1.56	20.99	7,583
		Sep-11	5,653	188	60.59	5.71	25.07	7.24	0.37	0.14	0.88	33.70	9,841
		Oct-11	5,319	172	58.32	3.65	30.25	6.86	0.23	0.08	0.62	38.03	8,631
		Nov-11	435	145	78.39	2.53	6.21	7.13	2.30	0.00	3.45	19.08	720
		Total	23,938	138	67.05	6.46	16.58	7.77	0.30	0.13	1.72	26.49	43,016
10-May-10	8-Nov-10	May-10	2,231	101	81.26	6.19	6.95	3.32	0.04	0.04	2.20	12.55	4,462
		Jun-10	3,492	116	73.02	7.59	4.15	12.71	0.40	0.17	1.95	19.39	6,604
		Jul-10	4,172	135	74.66	8.70	4.77	9.18	0.26	0.26	2.16	16.63	8,213
		Aug-10	3,945	127	78.02	7.88	2.48	9.33	0.23	0.23	1.83	14.09	7,630
		Sep-10	3,687	123	79.33	4.50	3.09	11.07	0.30	0.35	1.36	16.16	6,623
		Oct-10	3,080	99	75.97	3.93	5.23	11.85	0.39	0.13	2.50	20.10	6,035
		Nov-10	795	99	75.97	3.93	5.23	11.85	0.39	0.13	2.50	20.10	1,557
		Total	21,402	118	76.75	6.52	4.27	9.98	0.29	0.21	1.99	16.74	41,124
15-May-09	4-Nov-09	May-09	2,231	131	81.26	6.19	6.95	3.32	0.04	0.04	2.20	12.55	4,462
		Jun-09	4,135	138	79.30	7.55	2.35	7.30	1.72	0.39	1.40	13.16	8,269
		Jul-09	3,815	123	76.99	8.55	2.18	8.41	1.02	0.21	2.65	14.47	7,494
		Aug-09	3,867	125	78.20	7.99	3.62	8.66	0.23	0.13	1.16	13.81	7,646
		Sep-09	3,953	132	74.48	5.16	3.90	13.51	1.14	0.18	1.64	20.36	7,337
		Oct-09	2,939	95	76.93	3.98	4.49	12.32	0.17	0.17	1.94	19.09	5,015
		Nov-09	378	95	84.92	2.91	2.65	7.94	0.00	0.00	1.59	12.17	653
		Total	21,318	123	77.77	6.65	3.62	9.18	0.80	0.20	1.79	15.58	40,876
16-May-08	3-Nov-08	Total	18,744	110	75.61	6.27	3.53	12.07	0.22	0.19	2.10	18.12	34,601
9-May-07	7-Nov-07	Total	19,615	108	77.84	6.83	3.48	8.84	0.25	0.27	2.50	15.33	36,622
17-May-06	2-Nov-06	Total	17,841	106	77.10	6.48	3.81	8.78	1.09	0.31	2.42	16.42	36,823
11-May-05	5-Nov-05	Total	18,431	104	73.46	6.15	4.42	12.98	0.12	0.32	2.54	20.38	37,563
17-May-04	26-Oct-04	Total	17,664	109	76.14	5.96	3.88	10.15	0.32	0.22	3.34	17.91	36,336
13-May-03	4-Nov-03	Total	17,193	98	77.18	6.67	4.25	8.95	0.22	0.28	2.45	16.16	35,679
22-May-02	6-Nov-02	Total	18,976	113	72.23	6.09	4.83	13.67	0.08	0.40	2.70	21.68	37,830
15-May-01	3-Nov-01	Total	17,146	100	75.66	5.69	5.33	9.44	0.30	0.48	3.11	18.65	34,612
9-May-00	3-Nov-00	Total	16,048	90	77.20	6.77	4.38	7.75	0.24	0.57	3.09	16.03	33,040
10-May-99	3-Nov-99	Total	17,376	98	77.47	5.84	4.33	8.68	0.21	0.93	2.54	16.68	34,907
6-May-98	10-Nov-98	Total	17,022	91	79.39	5.78	4.24	7.44	0.04	0.84	2.27	14.83	34,808
15-May-97	12-Nov-97	Total	15,366	85	74.93	5.92	5.12	10.46	0.12	0.95	2.51	19.16	31,551

Table 12 Vehicle Classification Data at Mackenzie River Ferry (Highway 8 near Tsiigehtchic, M.V. Louis Cardinal)

Operating Season		Month	Total Traffic	Average Daily Traffic	Percent of Total								
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other	Total Commercial	Number of Passengers
3-Jun-11	31-Oct-11	Jun-11	3,790	135	80.18	5.09	2.24	9.05	0.21	0.08	3.14	14.72	6,839
		Jul-11	4,986	166	80.24	6.08	1.48	9.13	0.26	0.22	2.59	13.68	9,535
		Aug-11	5,177	167	81.30	5.79	1.29	9.81	0.02	0.04	1.74	12.90	9,632
		Sep-11	4,033	130	81.18	3.45	1.88	11.75	0.02	0.12	1.59	15.37	6,991
		Oct-11	3,318	111	85.59	1.57	1.75	9.40	0.00	0.00	1.69	12.84	5,691
		Total	21,304	142	81.50	4.63	1.69	9.82	0.11	0.10	2.15	13.87	38,688
26-May-10	28-Oct-10	May-10	502	84	83.47	2.39	2.99	5.58	0.00	0.00	5.58	14.14	1,005
		Jun-10	4,776	159	74.10	8.69	4.56	7.62	0.44	0.17	4.42	17.21	8,480
		Jul-10	5,116	165	70.56	8.46	5.02	9.56	0.33	0.35	5.71	20.97	9,442
		Aug-10	5,342	172	79.65	5.54	4.19	6.94	0.06	0.15	3.46	14.81	10,320
		Sep-10	5,318	177	47.20	2.58	1.64	47.63	0.06	0.04	0.86	50.23	8,230
		Oct-10	3,212	115	76.46	1.46	8.06	12.14	0.09	0.00	1.77	22.07	5,498
		Total	24,266	157	69.19	5.52	4.37	17.21	0.19	0.15	3.38	25.29	42,975
3-Jun-09	25-Oct-09												
		Jun-09	3,999	133	70.84	9.35	5.73	9.13	0.08	0.00	4.88	19.80	7,499
		Jul-09	5,096	164	71.88	9.81	5.69	7.85	0.24	0.16	4.38	18.31	9,718
		Aug-09	5,564	179	76.64	5.61	3.56	11.68	0.38	0.02	2.12	17.76	10,432
		Sep-09	3,776	126	80.35	4.87	3.97	9.43	0.74	0.03	0.61	14.78	7,275
		Oct-09	2,566	83	75.95	1.36	4.21	17.50	0.31	0.12	0.55	22.68	5,507
		Total	21,001	146	74.96	6.69	4.64	10.57	0.34	0.06	2.73	18.35	40,431
30-May-08	23-Oct-08	Total	22,479	154	79.49	4.96	4.65	8.57	0.18	0.09	2.06	15.55	41,298
2-Jun-07	22-Oct-07	Total	21,632	152	77.82	7.09	4.28	8.42	0.25	0.10	2.04	15.09	46,879
31-May-06	29-Oct-06	Total	18,883	125	79.44	6.39	3.25	8.52	0.21	0.13	2.06	14.17	37,741
27-May-05	29-Oct-05	Total	23,256	150	79.02	6.85	4.26	7.64	0.18	0.09	1.97	14.13	46,230
4-Jun-04	21-Oct-04	Total	23,574	170	80.24	8.17	2.58	7.61	0.22	0.08	1.09	11.58	40,642
5-Jun-03	1-Nov-03	Total	22,311	150	85.05	4.63	2.25	7.17	0.12	0.16	0.62	10.32	48,269
5-Jun-02	19-Oct-02	Total	21,130	155	77.24	8.27	3.86	8.11	0.59	0.13	1.80	14.49	46,844
5-Jun-01	26-Oct-01	Total	19,827	139	75.07	8.92	2.86	11.31	0.42	0.11	1.31	16.01	42,172
5-Jun-00	23-Oct-00	Total	18,795	134	78.72	9.82	2.52	6.88	0.11	0.14	1.81	11.47	39,917
2-Jun-99	15-Oct-99	Total	19,028	141	76.55	10.98	3.33	7.17	0.06	0.22	1.70	12.47	41,066
26-May-98	24-Oct-98	Total	19,149	127	74.14	11.93	3.77	4.80	0.05	0.26	5.06	13.93	43,258
4-Jun-97	18-Oct-97	Total	16,894	124	77.19	12.27	2.48	4.89	0.11	0.67	2.39	10.54	38,471

Table 13 Vehicle Classification Data at Peel River Ferry (Highway 8 near Fort McPherson, C.F. Abraham Francis)

Operating Season		Month	Total Traffic	Average Daily Traffic	Percent of Total								
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other	Total Commercial	Number of Passengers
1-Jun-11	7-Nov-11	Jun-11	5,052	168	80.76	5.72	1.46	9.74	0.16	0.04	2.12	13.52	9,428
		Jul-11	6,614	220	73.54	5.75	2.56	14.83	0.14	0.23	2.96	20.71	14,004
		Aug-11	6,433	208	63.66	4.69	1.76	27.55	0.09	0.02	2.24	31.65	12,329
		Sep-11	5,066	163	45.83	2.53	0.93	48.99	0.14	0.12	1.46	51.64	7,948
		Oct-11	1,628	54	73.03	4.18	2.15	17.94	0.25	0.12	2.33	22.79	3,112
		Nov-11	181	26	90.61	2.21	1.10	2.21	0.55	0.00	3.31	7.18	336
		Total	24,974	157	66.93	4.69	1.76	24.12	0.14	0.10	2.26	28.39	47,157
1-Jun-10	31-Oct-10												
		Jun-10	2,928	98	62.40	11.03	3.76	15.03	0.10	0.51	7.17	26.57	5,489
		Jul-10	5,219	168	72.85	6.69	3.08	11.50	0.06	0.27	5.56	20.46	11,640
		Aug-10	6,433	208	63.66	4.69	1.76	27.55	0.09	0.02	2.24	31.65	12,329
		Sep-10	6,555	219	65.03	4.79	2.43	25.37	0.26	0.09	2.03	30.18	12,088
		Oct-10	1,777	57	68.82	2.81	1.74	21.22	1.07	0.00	4.33	28.36	3,078
		Total	22,912	151	66.38	5.84	2.51	21.18	0.21	0.16	3.73	27.78	44,624
1-Jun-09	5-Nov-09												
		Jun-09	3,116	104	68.74	8.99	2.28	11.87	0.19	0.00	7.93	22.27	5,838
		Jul-09	5,325	172	79.23	6.93	2.07	6.74	0.06	0.15	4.83	13.84	12,469
		Aug-09	5,258	170	81.93	5.33	1.75	6.88	0.15	0.42	3.54	12.74	12,429
		Sep-09	2,873	96	73.44	4.25	1.64	16.88	0.14	0.07	3.59	22.31	5,649
		Oct-09	2,156	60	46.75	0.23	11.50	40.58	0.74	0.19	0.00	53.01	3,503
		Nov-09	111	4	86.49	1.80	1.80	2.70	0.00	0.00	7.21	11.71	239
		Total	18,839	120	73.69	5.62	3.03	13.03	0.20	0.19	4.25	20.69	40,127
25-May-08	27-Oct-08	Total	15,005	97	71.38	5.80	1.93	14.78	0.35	0.25	5.50	22.82	29,214
2-Jun-07	19-Oct-07	Total	15,446	111	73.83	8.69	1.78	11.96	0.06	0.19	3.48	17.47	32,294
2-Jun-06	26-Oct-06	Total	14,007	96	74.07	7.22	2.03	12.37	0.11	0.23	3.96	18.70	29,032
25-May-05	24-Oct-05	Total	15,446	102	78.36	5.79	2.04	10.33	0.41	0.14	2.94	15.86	32,264
2-Jun-04	28-Oct-04	Total	19,537	132	68.67	5.94	1.38	8.84	0.26	0.10	14.81	25.39	31,360
4-Jun-03	29-Oct-03	Total	15,715	107	76.46	8.63	1.24	10.38	0.53	0.39	2.37	14.91	32,233
2-Jun-02	25-Oct-02	Total	17,810	123	78.72	5.72	1.73	9.34	1.07	0.52	2.91	15.56	37,322
10-Jun-01	29-Oct-01	Total	16,114	114	71.85	8.56	3.09	14.42	0.25	0.41	1.41	19.59	31,498
6-Jun-00	26-Oct-00	Total	11,959	84	76.25	9.67	1.71	9.01	0.29	0.48	2.59	14.08	27,823
31-May-99	15-Oct-99	Total	12,713	93	76.84	13.39	0.82	5.62	0.49	0.46	2.38	9.77	28,066
25-May-98	21-Oct-98	Total	13,097	88	73.83	13.19	1.39	6.86	0.30	0.42	4.00	12.97	32,775
30-May-97	21-Oct-97	Total	11,836	82	77.19	9.61	1.61	7.39	0.05	0.52	3.62	13.21	27,691

Table 14 Vehicle Classification Data at Mackenzie River Ferry (Highway 1, road to Wrigley, near Camsell Bend, M.V. Johnny Berens)

Operating Season		Month	Total Traffic	Average Daily Traffic	Percent of Total								
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other	Total Commercial	Number of Passengers
20-May-11	2-Nov-11	May-11	252	21	16.27	3.17	57.94	8.73	7.94	0.40	5.56	80.56	529
		Jun-11	1,255	42	9.72	3.98	55.54	24.14	3.82	0.16	2.63	86.29	2,222
		Jul-11	1,125	36	12.89	7.73	52.62	6.76	18.40	0.00	1.60	79.38	2,028
		Aug-11	1,601	52	9.49	5.12	51.03	10.68	21.86	0.00	1.81	85.38	2,839
		Sep-11	1,999	67	26.46	3.05	48.32	3.65	17.71	0.00	0.80	70.49	2,584
		Oct-11	2,694	82	18.23	1.04	34.78	2.41	42.65	0.00	0.89	80.73	3,262
		Nov-11	174	6	18.39	1.15	34.48	2.30	42.53	0.00	1.15	80.46	210
		Total	9,100	55	16.62	3.49	46.32	7.85	24.20	0.03	1.49	79.89	13,674
14-May-10	31-Oct-10	May-10	262	15	17.18	4.20	66.79	2.29	4.20	0.00	5.34	78.63	545
		Jun-10	473	16	17.55	4.23	65.96	4.23	5.50	0.00	2.54	78.22	1,048
		Jul-10	654	21	20.34	7.65	60.40	5.81	3.36	0.00	2.45	72.02	1,412
		Aug-10	750	24	49.20	8.93	34.00	2.00	2.67	0.40	2.80	41.87	1,744
		Sep-10	726	24	17.22	8.26	66.53	2.75	3.31	0.00	1.93	74.52	1,527
		Oct-10	532	17	19.36	2.07	65.41	5.83	3.01	0.00	4.32	78.57	1,024
		Total	3,397	20	25.26	6.45	57.93	3.83	3.50	0.09	2.94	68.30	7,300
22-May-09	2-Nov-09	May-09	148	15	9.46	2.70	75.68	1.35	1.35	0.00	9.46	87.84	287
		Jun-09	531	18	22.79	3.20	65.35	0.38	2.82	0.00	5.46	74.01	1,084
		Jul-09	664	21	25.75	2.86	60.09	2.11	3.61	0.00	5.57	71.39	1,462
		Aug-09	627	20	20.89	7.34	59.81	3.35	6.06	0.00	2.55	71.77	1,436
		Sep-09	641	21	33.23	11.23	46.65	3.59	2.03	0.16	3.12	55.54	1,255
		Oct-09	532	16	19.36	2.07	65.41	5.83	3.01	0.00	4.32	78.57	1,024
		Nov-09	34	1	20.59	2.94	64.71	5.88	2.94	0.00	2.94	76.47	66
		Total	3,177	19	23.92	5.35	59.87	2.99	3.43	0.03	4.41	70.73	6,614
3-Jun-08	31-Oct-08	Total	3,129	21	43.67	4.74	40.49	4.58	2.24	0.04	4.25	51.60	6,367
20-May-07	6-Nov-07	Total	3,594	21	83.17	4.76	4.48	3.39	0.25	0.17	3.78	12.08	7,711
27-May-06	2-Nov-06	Total	3,155	20	79.90	4.37	8.27	3.36	0.67	0.25	3.17	15.72	6,512
20-May-05	4-Nov-05	Total	3,327	20	81.97	4.51	7.03	3.37	0.00	0.39	2.74	13.53	6,858
28-May-04	22-Oct-04	Total	3,242	22	83.44	4.04	6.01	4.60	0.00	0.12	1.79	12.52	6,670
30-May-03	31-Oct-03	Total	3,163	21	82.04	4.20	7.90	3.00	0.00	0.00	2.85	13.75	6,716
31-May-02	1-Nov-02	Total	3,106	20	79.65	5.54	6.89	3.86	0.35	0.13	3.57	14.81	6,402
22-May-01	29-Oct-01	Total	3,404	21	78.50	6.35	6.61	3.14	1.00	0.24	4.17	15.16	6,742
20-May-00	30-Oct-00	Total	3,786	23	72.87	3.30	3.86	3.28	0.34	0.16	16.19	23.82	7,593
21-May-99	15-Oct-99	Total	2,779	19	82.58	4.82	4.75	2.81	0.04	0.14	4.86	12.59	7,270
15-May-98	3-Nov-98	Total	3,384	20	83.89	3.22	4.64	4.40	0.33	0.12	3.40	12.88	8,959

Table 15 Vehicle Classification at the Enterprise Weigh Scale

Unit Type	2011												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	33	16	20	17	7	21	25	22	9	29	12	16	227	2.53
Tandem	65	41	83	39	20	48	41	36	47	25	22	20	487	5.43
4-Axle	6	6	9	5	4	0	5	4	6	0	2	2	49	0.55
5 Axle	157	122	337	154	126	166	180	135	128	121	114	134	1,874	20.90
6 Axle	240	199	432	202	147	180	160	137	146	113	87	76	2,119	23.63
A Train	82	49	83	55	51	99	111	74	62	81	81	88	916	10.22
B Train	3	0	5	1	1	2	1	2	2	1	0	0	18	0.20
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Super B	668	384	543	148	60	99	229	205	292	259	143	193	3,223	35.94
Logging Truck	30	15	8	1	0	0	0	0	0	0	0	0	54	0.60
Total	**1284**	**832**	**1520**	**622**	**416**	**615**	**752**	**615**	**692**	**629**	**461**	**529**	**8,967**	**100.00**

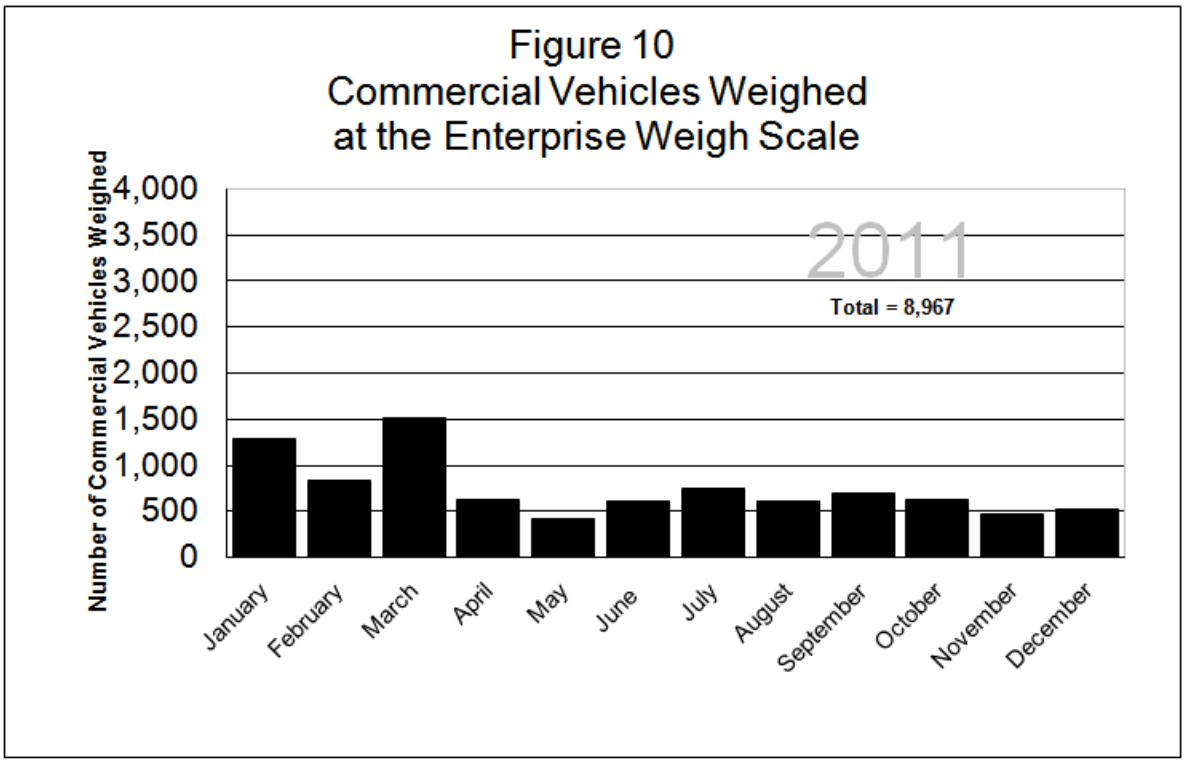
Unit Type	2010												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	26	21	25	12	31	8	23	8	11	6	9	24	204	2.95
Tandem	30	49	35	25	59	22	21	33	31	12	25	16	358	5.18
4-Axle	2	1	5	3	2	3	2	2	3	2	0	0	25	0.36
5 Axle	166	165	236	105	192	64	59	139	118	63	87	81	1,475	21.34
6 Axle	141	250	336	91	153	70	63	143	99	48	103	120	1,617	23.40
A Train	71	63	102	68	114	39	29	76	39	43	46	48	738	10.68
B Train	23	28	1	2	0	3	0	0	0	1	0	6	64	0.93
C Train	0	0	0	0	0	0	0	0	0	0	1	0	1	0.01
Super B	234	456	378	100	148	69	99	240	159	132	194	216	2,425	35.09
Logging Truck	1	3	0	0	0	0	0	0	0	0	0	0	4	0.06
Total	**694**	**1036**	**1118**	**406**	**699**	**278**	**296**	**641**	**460**	**307**	**465**	**511**	**6,911**	**100.00**

Unit Type	2009												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	34	35	30	29	38	28	33	10	14	18	17	16	302	2.78
Tandem	53	40	58	67	41	64	82	35	78	72	44	51	685	6.31
4-Axle	2	3	7	7	3	5	6	0	1	1	1	0	36	0.33
5 Axle	179	225	362	193	183	228	251	66	144	135	168	174	2,308	21.25
6 Axle	212	280	508	198	175	161	247	106	261	165	140	134	2,587	23.82
A Train	97	84	140	92	96	125	121	52	111	80	81	82	1,161	10.69
B Train	28	28	6	0	0	4	3	1	0	0	8	17	95	0.87
C Train	0	1	1	0	0	0	0	0	1	0	0	0	3	0.03
Super B	443	482	644	387	123	235	196	131	265	187	324	232	3,649	33.60
Logging Truck	5	9	1	0	0	1	0	0	1	0	14	4	35	0.32
Total	**1053**	**1187**	**1757**	**973**	**659**	**851**	**939**	**401**	**876**	**658**	**797**	**710**	**10,861**	**100.00**

Unit Type	2008												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	42	38	31	26	46	72	44	34	34	29	32	18	446	2.37
Tandem	75	80	80	55	81	61	72	74	83	75	62	70	868	4.61
4-Axle	7	16	31	6	9	7	11	4	1	1	1	0	94	0.50
5 Axle	326	439	561	218	252	298	305	194	352	384	199	176	3,704	19.68
6 Axle	446	854	950	269	255	341	316	288	375	347	232	207	4,880	25.93
A Train	189	171	142	114	196	160	151	148	147	154	118	105	1,795	9.54
B Train	51	59	13	1	3	2	8	5	0	1	0	15	158	0.84
C Train	0	0	0	0	1	0	0	0	0	0	0	0	1	0.01
Super B	1,033	1,068	739	250	259	604	562	334	399	426	657	506	6,837	36.33
Logging Truck	18	14	4	0	0	0	0	0	0	0	0	1	37	0.20
Total	**2187**	**2739**	**2551**	**939**	**1102**	**1545**	**1469**	**1081**	**1391**	**1417**	**1301**	**1098**	**18,820**	**100.00**

Unit Type	2007												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	41	29	24	14	31	69	28	26	46	43	30	23	404	1.88
Tandem	473	566	624	249	282	322	260	264	572	326	313	218	4,469	20.82
4-Axle	2	11	16	8	5	10	5	3	0	3	3	3	69	0.32
5 Axle	3	15	37	12	1	7	6	0	0	1	0	1	83	0.39
6 Axle	484	722	1,027	280	190	251	279	242	269	243	195	185	4,367	20.35
A Train	161	151	185	143	192	215	174	153	186	208	204	148	2,120	9.88
B Train	88	237	171	2	3	7	1	1	3	2	1	3	519	2.42
C Train	5	46	15	0	0	0	0	0	0	0	0	0	66	0.31
Super B	1,135	2,128	1,893	158	184	248	253	380	676	752	802	728	9,337	43.51
Logging Truck	13	11	0	0	0	0	0	0	0	0	0	2	26	0.12
Total	**2405**	**3916**	**3992**	**866**	**888**	**1129**	**1006**	**1069**	**1752**	**1578**	**1548**	**1311**	**21,460**	**100.00**

Unit Type	2006												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	15	22	33	15	6	23	11	5	15	13	13	18	189	1.06
Tandem	82	79	67	33	47	90	32	55	116	70	67	54	792	4.45
4-Axle	0	5	11	20	0	1	0	0	3	2	2	0	44	0.25
5 Axle	387	561	812	206	209	245	165	188	351	312	231	210	3,877	21.77
6 Axle	428	703	994	197	147	238	163	202	221	223	187	163	3,866	21.71
A Train	119	158	204	119	181	224	143	165	192	195	154	134	1,988	11.16
B Train	42	156	149	4	2	1	3	3	4	4	4	37	409	2.30
C Train	0	22	14	3	0	2	0	0	0	0	0	0	41	0.23
Super B	776	1,478	1,657	208	104	225	184	274	384	390	485	402	6,567	36.88
Logging Truck	25	6	1	0	0	0	0	0	0	0	0	2	34	0.19
Total	**1874**	**3190**	**3942**	**805**	**696**	**1049**	**701**	**892**	**1286**	**1209**	**1143**	**1020**	**17,807**	**100.00**



Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2011	1,284	832	1,520	622	416	615	752	615	692	629	461	529	8,967
2010	694	1,036	1,118	406	699	278	296	641	460	307	465	511	6,911
2009	1,053	1,187	1,757	973	659	851	939	401	876	658	797	710	10,861
2008	2,187	2,739	2,551	939	1,102	1,545	1,469	1,081	1,391	1,417	1,301	1,098	18,820
2007	2,405	3,916	3,992	866	888	1,129	1,006	1,069	1,752	1,578	1,548	1,311	21,460
2006	1,874	3,190	3,942	805	696	1,049	701	892	1,286	1,209	1,143	1,020	17,807
2005	1,816	3,378	4,187	907	667	987	1,387	1,000	1,080	1,024	1,363	1,120	18,916
2004	1,551	2,866	3,858	596	582	1,225	844	1,046	1,358	1,102	870	838	16,736
2003	1,229	2,788	3,883	675	739	693	1,169	729	953	1,143	976	925	15,902
2002	1,443	2,906	3,349	888	333	1,111	977	845	1,042	1,123	1,127	801	15,945
2001	1,881	2,230	3,410	1,257	566	874	730	767	842	839	938	240	14,574
2000	1,051	1,862	2,266	522	501	830	720	703	681	798	795	762	11,491
1999	991	1,493	1,697	436	523	909	834	633	758	953	515	753	10,495

Note: (1) A commercial vehicle is any vehicle with a GVW over 4500 kg.
(2) In December 2001, it is estimated that only one-third of the data was collected due to weigh scale closures.

Figure 11
Overweight Permits Issued

2011 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	4	2	0	0	0	0	0	0	4	0	0	0	**10**
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
24/7 Permitting Centre	101	146	246	77	10	35	93	74	134	66	46	56	**1,084**
Inuvik Regional Office	0	0	11	2	6	0	0	2	0	0	0	0	**21**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**105**	**148**	**257**	**79**	**16**	**35**	**93**	**76**	**138**	**66**	**46**	**56**	**1,115**

2010 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	8	1	0	3	0	6	0	0	0	0	**18**
Inuvik Weigh Scale	0	0	0	4	6	0	0	0	0	0	0	0	**10**
24/7 Permitting Centre	41	67	140	16	2	112	172	149	137	116	115	66	**1,133**
Inuvik Regional Office	0	0	0	4	4	0	0	0	0	0	0	0	**8**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**41**	**67**	**148**	**25**	**12**	**115**	**172**	**155**	**137**	**116**	**115**	**66**	**1,169**

2009 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	27	37	149	38	8	0	9	11	2	6	0	0	**287**
Inuvik Weigh Scale	6	7	17	9	1	0	0	0	0	0	0	0	**40**
24/7 Permitting Centre	0	11	0	36	47	33	87	54	97	58	183	164	**770**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	8	7	0	0	0	0	0	0	0	0	0	0	**15**
Hay River Regional Office	6	0	0	0	0	0	0	0	0	0	0	0	**6**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**47**	**62**	**166**	**83**	**56**	**33**	**96**	**65**	**99**	**64**	**183**	**164**	**1,118**

2008 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	61	141	201	54	16	46	121	85	89	99	75	40	**1,028**
Inuvik Weigh Scale	4	10	12	11	10	6	4	6	31	0	0	0	**94**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	4	0	0	**4**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**65**	**151**	**213**	**65**	**26**	**52**	**125**	**91**	**120**	**103**	**75**	**40**	**1,126**

2007 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	29	67	104	42	4	16	45	31	32	38	41	13	**462**
Inuvik Weigh Scale	19	16	8	5	0	0	5	8	4	8	2	3	**78**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	3	0	0	0	0	0	0	0	0	0	**3**
Total	**48**	**83**	**115**	**47**	**4**	**16**	**50**	**39**	**36**	**46**	**43**	**16**	**543**

2006 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	46	44	101	28	0	1	27	27	45	38	38	20	**415**
Inuvik Weigh Scale	4	3	7	6	2	1	16	8	0	7	0	0	**54**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	5	0	0	0	0	13	2	0	6	0	0	**26**
Total	**50**	**52**	**108**	**34**	**2**	**2**	**56**	**37**	**45**	**51**	**38**	**20**	**495**

NOTE: Overweight and Overdimension permits are issued for a single trip. Prior to 2003, combination overweight and overdimension permits were counted as one overdimension permit only.

Figure 12
Overdimension Permits Issued

2011 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	4	4	0	0	0	0	0	0	6	0	0	0	**14**
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
24/7 Permitting Centre	230	450	659	214	154	164	204	205	241	192	183	195	**3,091**
Inuvik Regional Office	0	0	10	3	6	0	0	2	0	0	0	0	**21**
Mobile Inspection Office	1	0	0	0	0	0	0	0	0	0	0	0	**1**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**235**	**454**	**669**	**217**	**160**	**164**	**204**	**207**	**247**	**192**	**183**	**195**	3,127

2010 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	1	2	13	3	2	7	0	6	0	0	0	0	**34**
Inuvik Weigh Scale	0	0	0	4	12	0	0	0	0	0	0	0	**16**
24/7 Permitting Centre	132	293	433	137	125	329	310	283	297	255	226	188	**3,008**
Inuvik Regional Office	0	1	0	4	2	0	0	0	0	0	0	0	**7**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**133**	**296**	**446**	**148**	**141**	**336**	**310**	**289**	**297**	**255**	**226**	**188**	3,065

2009 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	126	267	476	79	12	1	16	21	6	7	0	0	**1,011**
Inuvik Weigh Scale	8	22	53	9	0	0	0	0	0	0	0	0	**92**
24/7 Permitting Centre	0	65	7	112	161	227	216	165	245	198	409	164	**1,969**
Inuvik Regional Office	1	2	0	0	0	0	0	0	0	0	0	0	**3**
Mobile Inspection Office	33	32	0	0	0	0	0	0	0	0	0	0	**65**
Hay River Regional Office	19	5	0	0	0	0	0	0	0	0	0	0	**24**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**187**	**393**	**536**	**200**	**173**	**228**	**232**	**186**	**251**	**205**	**409**	**164**	3,164

2008 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	195	501	722	276	181	223	320	190	173	226	164	122	**3,293**
Inuvik Weigh Scale	8	35	47	21	16	9	10	7	39	4	0	0	**196**
24/7 Permitting Centre													**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	4	0	0	**4**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**203**	**536**	**769**	**297**	**197**	**232**	**330**	**197**	**212**	**234**	**164**	**122**	3,493

2007 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	179	408	566	187	144	145	181	125	144	145	95	76	**2,395**
Inuvik Weigh Scale	51	32	24	87	1	6	12	9	10	9	2	4	**247**
24/7 Permitting Centre													**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	4	2	0	2	2	0	0	0	0	0	**10**
Total	**230**	**440**	**594**	**276**	**145**	**153**	**195**	**134**	**154**	**154**	**97**	**80**	2,652

2006 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	237	270	731	191	103	195	184	126	206	124	109	78	**2,554**
Inuvik Weigh Scale	10	6	15	12	2	11	23	11	2	9	0	0	**101**
24/7 Permitting Centre													**0**
Inuvik Regional Office	0	0	0	0	0	1	0	0	0	0	0	0	**1**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	13	7	0	0	0	11	23	2	1	4	11	8	**80**
Total	**260**	**283**	**746**	**203**	**105**	**218**	**230**	**139**	**209**	**137**	**120**	**86**	2,736

NOTE: Overweight and Overdimension permits are issued for a single trip. Prior to 2003, combination overweight and overdimension permits were counted as one overdimension permit only.

Figure 13
Registration Permits Issued (non-NWT Carriers)

2011 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Weigh Scale	2	0	1	4	1	1	1	1	0	0	0	3	**14**
24/7 Permitting Centre	703	714	550	290	302	479	489	538	557	324	317	301	**5,564**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**705**	**714**	**551**	**294**	**303**	**480**	**490**	**539**	**557**	**324**	**317**	**304**	**5,578**

2010 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	2	0	0	0	0	0	0	0	**2**
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	1	**1**
24/7 Permitting Centre	269	641	477	269	377	627	505	512	506	437	344	343	**5,307**
Inuvik Regional Office	0	0	0	2	0	3	1	2	1	0	4	3	**16**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**269**	**641**	**477**	**271**	**379**	**630**	**506**	**514**	**507**	**437**	**348**	**347**	**5,326**

2009 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	303	351	488	53	0	0	0	1	0	0	0	0	**1,196**
Inuvik Weigh Scale	17	33	40	5	0	0	0	0	0	0	0	0	**95**
24/7 Permitting Centre	27	215	6	192	270	431	357	415	520	361	291	297	**3,382**
Inuvik Regional Office	0	0	1	0	0	1	0	0	0	0	0	1	**3**
Mobile Inspection Office	16	77	0	0	0	0	0	0	0	0	0	0	**93**
Hay River Regional Office	16	0	0	0	0	0	0	0	0	0	0	0	**16**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**379**	**676**	**535**	**250**	**270**	**432**	**357**	**416**	**520**	**361**	**291**	**298**	**4,785**

2008 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	682	1,056	754	354	415	482	500	355	511	377	334	369	**6,189**
Inuvik Weigh Scale	43	48	120	52	6	42	21	41	54	12	2	25	**466**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	1	0	0	0	0	0	**1**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**725**	**1,104**	**874**	**406**	**421**	**524**	**522**	**396**	**565**	**389**	**336**	**394**	**6,656**

2007 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	776	871	735	321	327	435	506	406	417	349	308	333	**5,784**
Inuvik Weigh Scale	60	52	46	55	3	45	32	55	52	37	0	28	**465**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	1	3	4	2	0	7	15	1	0	0	0	0	**33**
Total	**837**	**926**	**785**	**378**	**330**	**487**	**553**	**462**	**469**	**386**	**308**	**361**	**6,282**

2006 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	473	1,007	761	295	293	320	372	350	437	258	266	345	**5,177**
Inuvik Weigh Scale	14	17	31	29	4	29	21	24	16	20	0	15	**220**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	2	0	1	0	2	0	0	0	0	0	0	0	**5**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	22	13	1	0	3	11	34	15	10	13	12	6	**140**
Total	**511**	**1,037**	**794**	**324**	**302**	**360**	**427**	**389**	**463**	**291**	**278**	**366**	**5,542**

NOTE: All commercial vehicles in the Northwest Territories must have a registration permit. Registration for NWT carriers is valid for one year. Non-NWT carriers may purchase registration for periods of 1-12 months

Figure 14
Fuel Tax Permits Issued

2011 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
24/7 Permitting Centre	702	779	1,007	410	405	585	605	730	866	467	386	388	**7,330**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**702**	**779**	**1,007**	**410**	**405**	**585**	**605**	**730**	**866**	**467**	**386**	**388**	**7,330**

2010 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	3	0	0	0	0	4	0	0	**7**
Inuvik Weigh Scale	0	1	0	0	0	0	0	0	0	0	0	0	**1**
24/7 Permitting Centre	278	618	670	293	508	733	619	598	565	526	387	334	**6,129**
Inuvik Regional Office	0	1	0	0	0	0	0	0	0	0	0	0	**1**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**278**	**620**	**670**	**293**	**511**	**733**	**619**	**598**	**565**	**530**	**387**	**334**	**6,138**

2009 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	167	210	443	32	0	3	2	1	0	0	0	0	**858**
Inuvik Weigh Scale	13	69	74	29	0	0	0	0	1	0	0	0	**186**
24/7 Permitting Centre	1	125	5	205	229	520	467	529	597	406	379	274	**3,737**
Inuvik Regional Office	4	1	0	0	0	0	0	0	0	0	0	0	**5**
Mobile Inspection Office	30	41	0	0	0	0	0	0	0	0	0	0	**71**
Hay River Regional Office	14	5	0	0	0	0	0	0	0	0	0	0	**19**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**229**	**451**	**522**	**266**	**229**	**523**	**469**	**530**	**598**	**406**	**379**	**274**	**4,876**

2008 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	700	1,104	1,010	384	430	588	501	327	392	280	187	152	**6,055**
Inuvik Weigh Scale	45	49	151	62	5	36	15	47	48	6	1	13	**478**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**745**	**1,153**	**1,161**	**446**	**435**	**624**	**516**	**374**	**440**	**286**	**188**	**165**	**6,533**

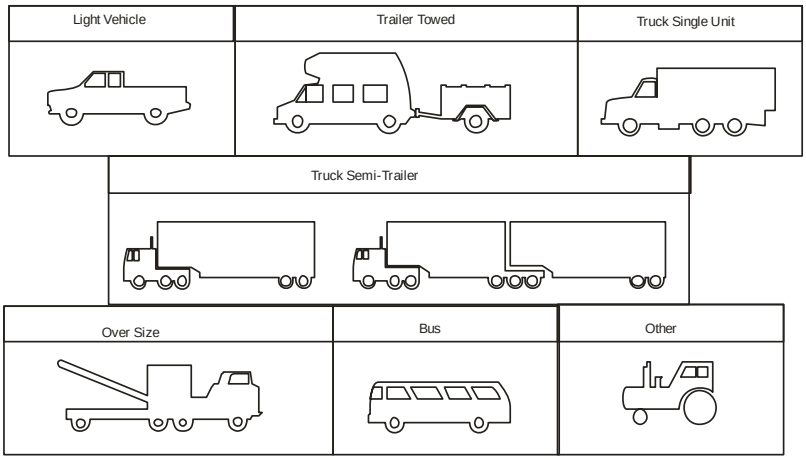
2007 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	620	785	880	253	283	458	505	402	379	318	262	299	**5,444**
Inuvik Weigh Scale	63	39	55	42	4	41	32	40	40	24	0	17	**397**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	1	0	0	0	0	0	0	**1**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	1	3	1	2	0	6	13	1	0	0	0	0	**27**
Total	**684**	**827**	**936**	**297**	**287**	**506**	**550**	**443**	**419**	**342**	**262**	**316**	**5,869**

2006 Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	484	979	1,232	263	177	301	318	300	352	243	189	236	**5,074**
Inuvik Weigh Scale	16	23	48	18	3	25	17	20	20	22	0	10	**222**
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Fort Liard Weigh Scale	17	4	1	0	1	5	36	6	6	12	9	1	**98**
Total	**517**	**1,006**	**1,281**	**281**	**181**	**331**	**371**	**326**	**378**	**277**	**198**	**247**	**5,394**

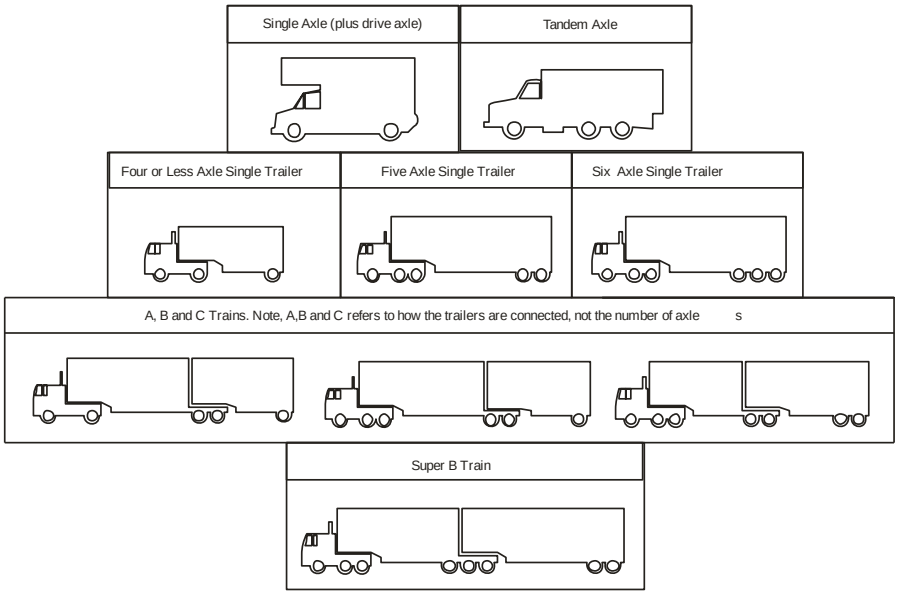
NOTE: Fuel Tax Permits are issued to all carriers transporting bulk fuel purchased outside the Northwest Territories

Figure 15
Vehicle Classifications

Highway Ferries



Weigh Scale Classification



Note: For more information regarding commercial vehicle definitions and allowable weights, please see the *Large Vehicle Control Regulations* under the *Motor Vehicles Act* available at www.justice.gov.nt.ca

Section 4.0

Short Term Traffic Count Data at Selected Locations

Figure 16 Short Term Traffic Counts – Yellowknife Access Road and Niven gate

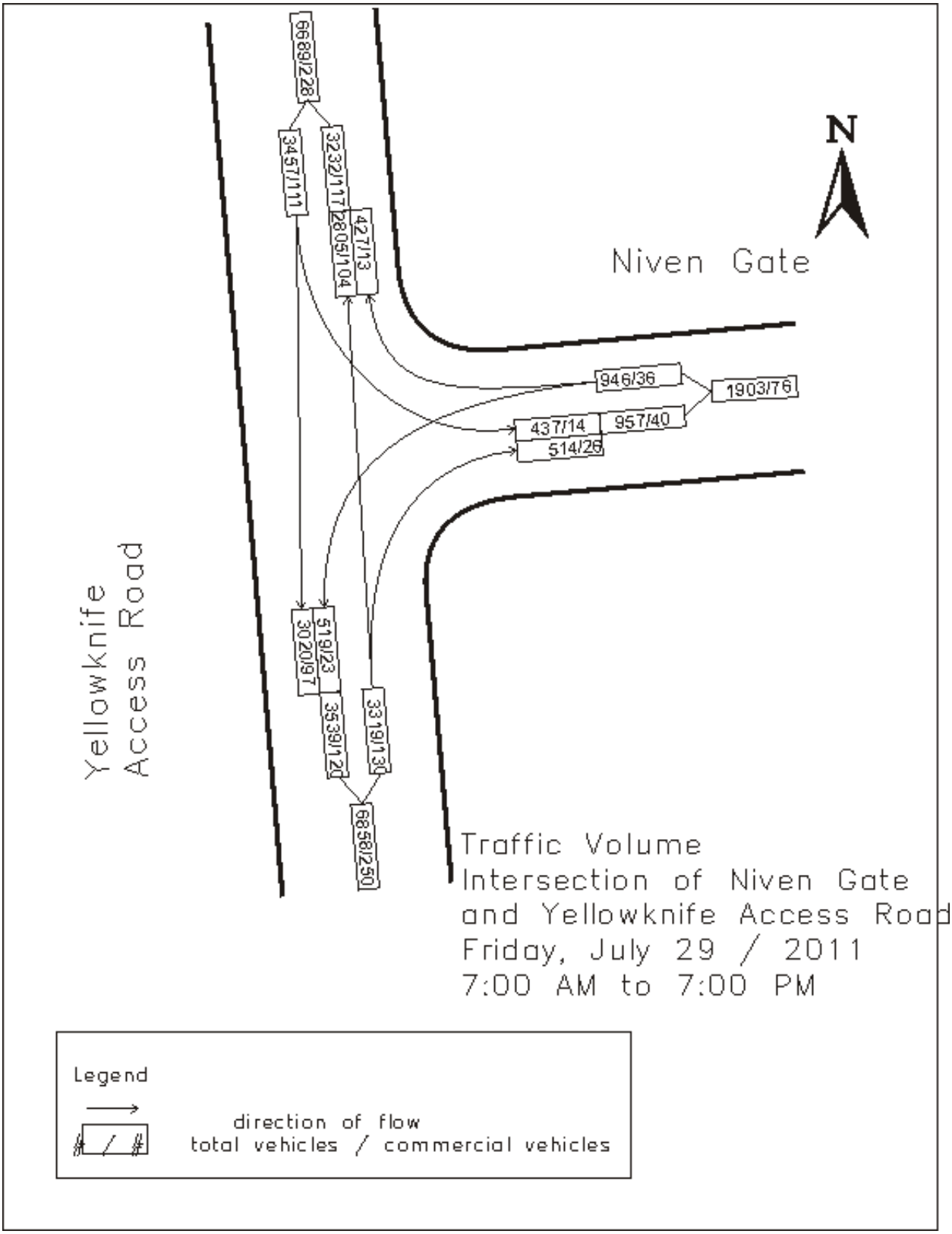


Figure 17 Short Term Traffic Counts – Highway #4 and Dettah Access Road

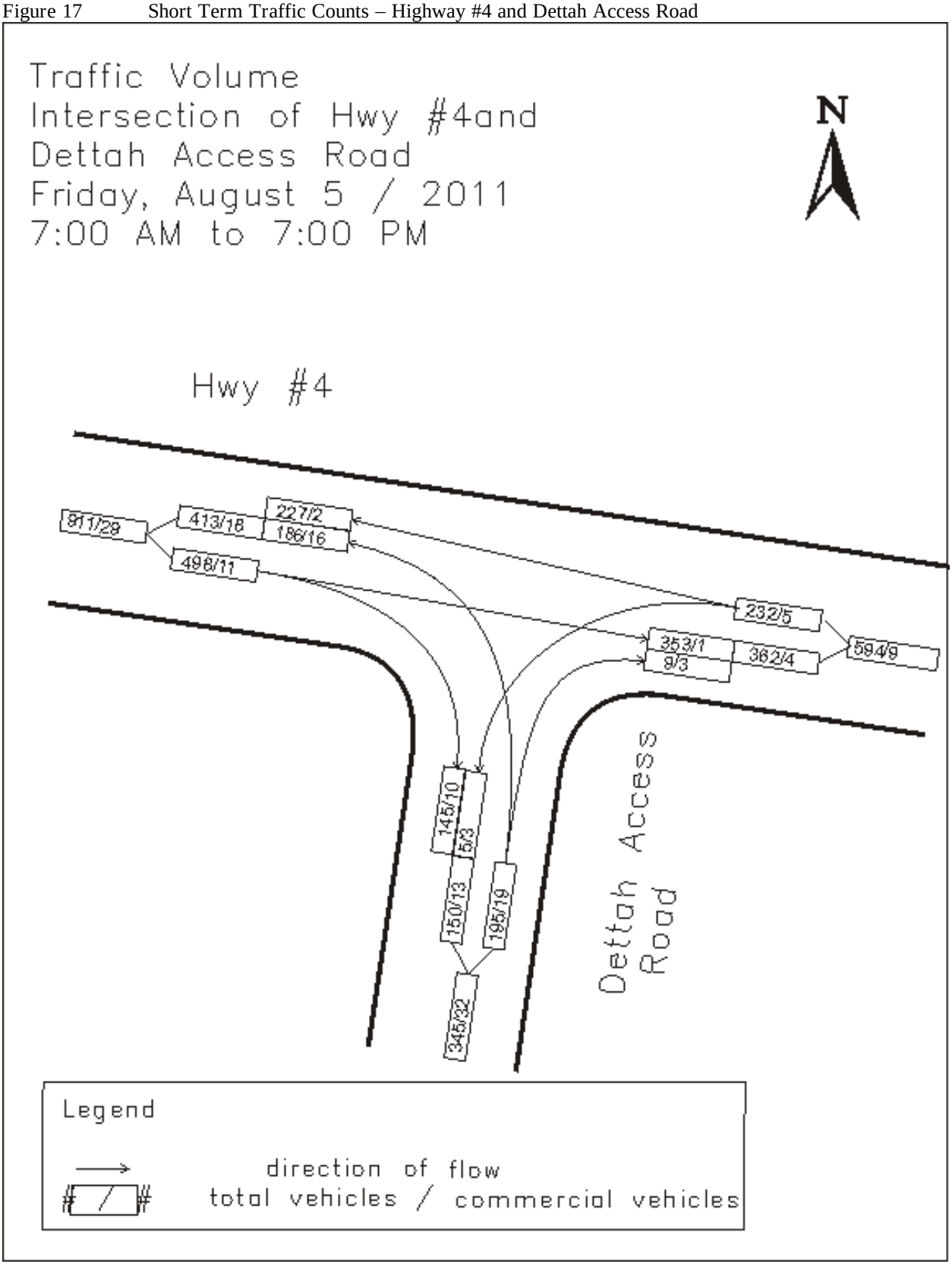
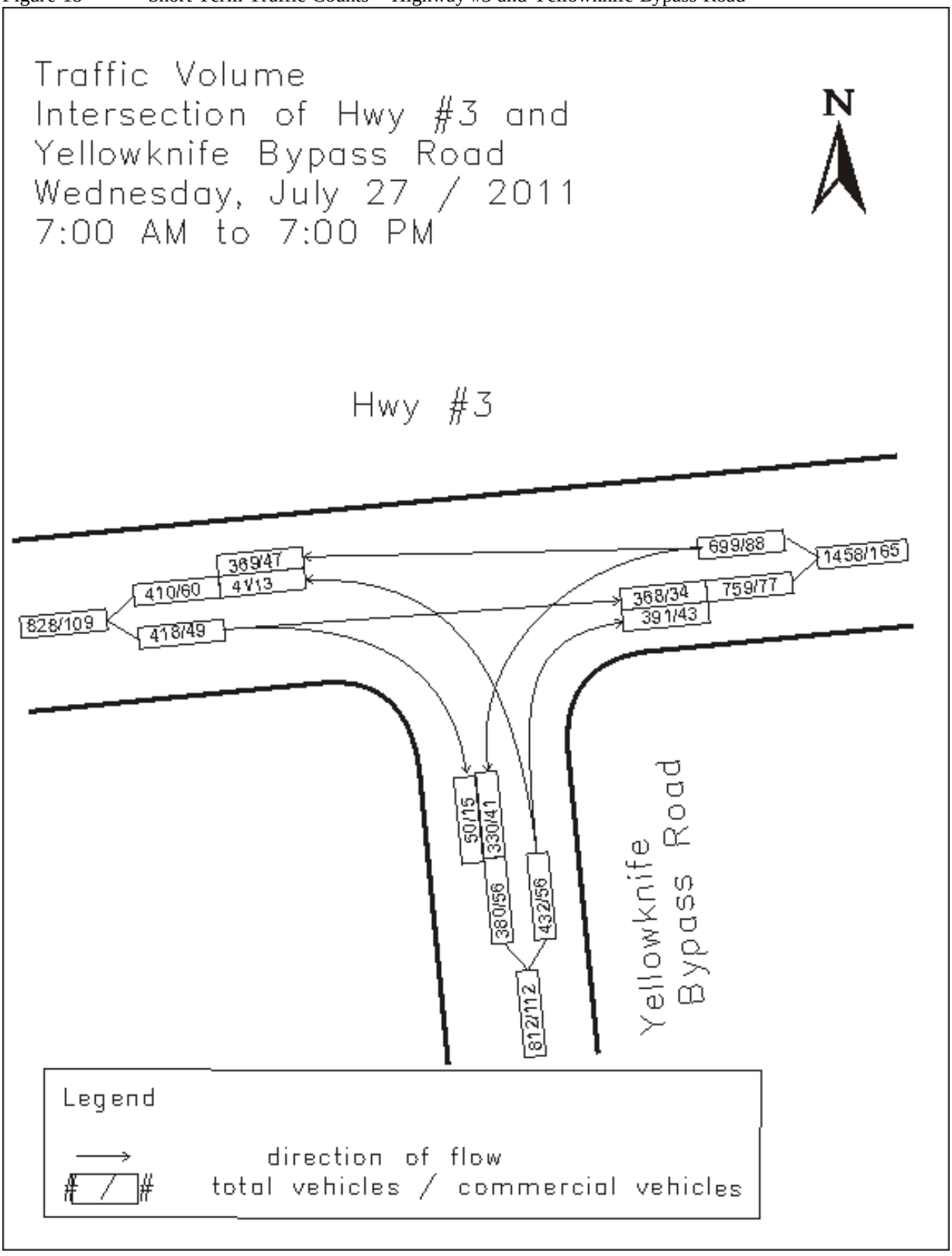


Figure 18 Short Term Traffic Counts – Highway #3 and Yellowknife Bypass Road



Appendix A

Historical Data

The Department has been actively collecting data since its formation in 1989. This Traffic Report shows the current state of the system only, however the following historical data is available:

- **Short-term Visual Counts** – Vehicles are classified and counted manually at various highway junctions throughout the territory. The data is used to enhance vehicle classification and AADT calculations.
- **Short-term Intersection Volume Counts –** Vehicles are counted by direction and turning movement, which gives an indication of overall traffic flow at selected intersections on the highway system.
- **Historical AADT –** Average daily traffic, broken down by month and year, is also available from 1989 through to 1992. AADT from 2000 through to the present is located in Table 3.

The Department will provide the above data upon request. Please refer to the acknowledgements section in the front of this report for contact information.

Appendix B

Data Processing Methodology

Data Processing Methodology

The primary goal in traffic data collection is to determine Average Annual Daily Traffic (AADT). The most concise way of doing this is to collect traffic data at a site for a year, sum the traffic counts over the year and then divide by 365 days. However, for a number of reasons including routine maintenance, breakdowns and faulty batteries and data modules, no counter runs at 100% operational capacity for an entire year. Therefore, adjustments must be made for gaps in the data.

Three steps are involved in the processing of traffic data. Step one is to fill in as much missing data as possible for the year in question. Step two involves applying an AADT formula to the data and step three consists of independently verifying the calculated AADT through other sources and previous experience. The following steps outline this process in more detail:

Step One

- If less than one week of data is missing, an average of the hourly count in the week prior and the week following is calculated and applied to the missing data.

- If over one week of data is missing but less than a month, the first step is to obtain the data from the previous year. If the data cannot be found, an average of the first prior week and the first following week is calculated and applied to the missing data.

- If over one month of data is missing, data from previous years is applied through a growth rate algorithm. The results are analysed for accuracy and completeness through comparisons with other traffic counter sites, data from other sources and previous experience.

- Growth rate is determined at each site by comparing available monthly average daily traffic from year to year and averaging over the last four years.

Step Two

- AADT is determined using an industry standard American Association of State Highway and Transportation Officials (AASHTO) formula (see below). After step one is applied there is a strong possibility that there will still be incomplete data for the year. The AASHTO formula directly accounts for missing data by computing an average of averages.

$$AADT = \frac{1}{7}\sum_{i=1}^{7}\left[\frac{1}{12}\sum_{j=1}^{12}\left(\frac{1}{n}\sum_{k=1}^{n} VOL_{ijk}\right)\right]$$

Where: Vol = daily traffic for day k, of day-of-week i, and month j
i = day of the week
j = month of the year
k = 1 when the day is the first occurrence of that day of the week in a month, 4 when it is the fourth occurrence.
n = the number of days of that day of week during that month (usually between 1 and 5, depending on the number of missing data).

Step Three

- Calculated AADT numbers are compared against previous years' values, other sources of traffic information such as ferry logs and Lupin Winter Road logs, upstream and downstream counter sites and previous experience.

- If results of the AADT algorithms appear to be abnormally high or low at a particular site, the AADT for the year will be estimated by applying an appropriate growth rate to the previous year's AADT.

Note: For counters located on access roads and winter roads no extra information is introduced. Only the data collected in the current year is presented.

For more detailed information, please contact the Planning, Policy and Environment Division of the Department of Transportation as listed in the Acknowledgements section of this report.