

Northwest Territories Highway Traffic Report

Rapport sur la circulation routière aux Territoires du Nord-Ouest



Le présent document contient la
traduction française de l'introduction.

2022



Introduction

The Northwest Territories highway network consists of 2,450 kilometres of all-weather roads and 1,400 kilometres of winter roads. The highway system also includes four vehicle ferries. There are a number of winter roads constructed by mining companies to facilitate mine resupply.

The Department of Infrastructure of the Government of the Northwest Territories is responsible for operation and maintenance, capital rehabilitation, and upgrading of the Northwest Territories highway network.

This report presents traffic data collected by the Department of Infrastructure on the territorial highway network from 1993 to 2022. 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.

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.

Introduction (Français)

Le réseau routier des Territoires du Nord-Ouest (TNO) est constitué de 2 450 kilomètres de routes toutes saisons et de 1 400 kilomètres de routes d'hiver; il comprend par ailleurs quatre traversiers pour véhicules. De plus, les sociétés minières ont construit plusieurs routes d'hiver pour faciliter le réapprovisionnement des mines.

C'est le ministère de l'Infrastructure du gouvernement des Territoires du Nord-Ouest (GTNO) qui s'occupe de l'exploitation, de l'entretien, de la réfection et de l'amélioration du système routier des TNO.

Ce rapport présente les données sur la circulation recueillies sur le réseau routier territorial par le ministère de l'Infrastructure de 1993 à 2022. Il comprend de l'information recueillie sur les routes principales, les routes d'accès, les routes d'hiver et les passages de traversiers qui y sont associés. Le rapport comprend également de l'information sur la classification des véhicules.

Le ministère de l'Infrastructure utilise les renseignements obtenus pour surveiller les changements dans la circulation routière, classer les routes, hiérarchiser les priorités en matière d'activités d'entretien et de fonds d'immobilisations, surveiller les aspects de la sécurité sur les routes et optimiser la conception technique.

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1.0: Summary of Traffic Data Collection Activities and Analysis

1.1 Background

A map of the highway network is provided in Figure 1.1. 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.

To monitor traffic utilizing the highway system, the Department of Infrastructure operates a series of electronic counters and conducts periodic visual counts and surveys. Supplementing this information is data from the weigh scales and usage logs from the four ferries. Traffic data is made available to businesses and the general public as needed. Data can also be accessed from the Government of the Northwest Territories Open Data portal at: [Traffic Volume Data - Dataset - Open Data \(gov.nt.ca\)](https://open.data.gov.nt.ca/dataset/traffic-volume-data)

1.2 Traffic Data Collection System

The Northwest Territories Department of Infrastructure 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 four ferries that operate on the highway system. The Air, Marine and Safety Division of the Department of Infrastructure 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 needs arise. No intersection counts were undertaken in 2022.

Information on truck volumes and commodities is obtained from the weigh scales in Enterprise and Inuvik. Truck volumes utilizing the Tibbitt to Contwoyto Winter Road in the Slave Geological Province is also collected and presented in this report.

In 2022, approximately 80 % of all potential data was useable for determining traffic volumes. This is attributed to the purchase and installation of portable traffic counters, similar to those installed on the winter road system, at 18 locations and permanent automated traffic counters/classifiers at 12 locations. This represents a significant improvement over previous years. 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.

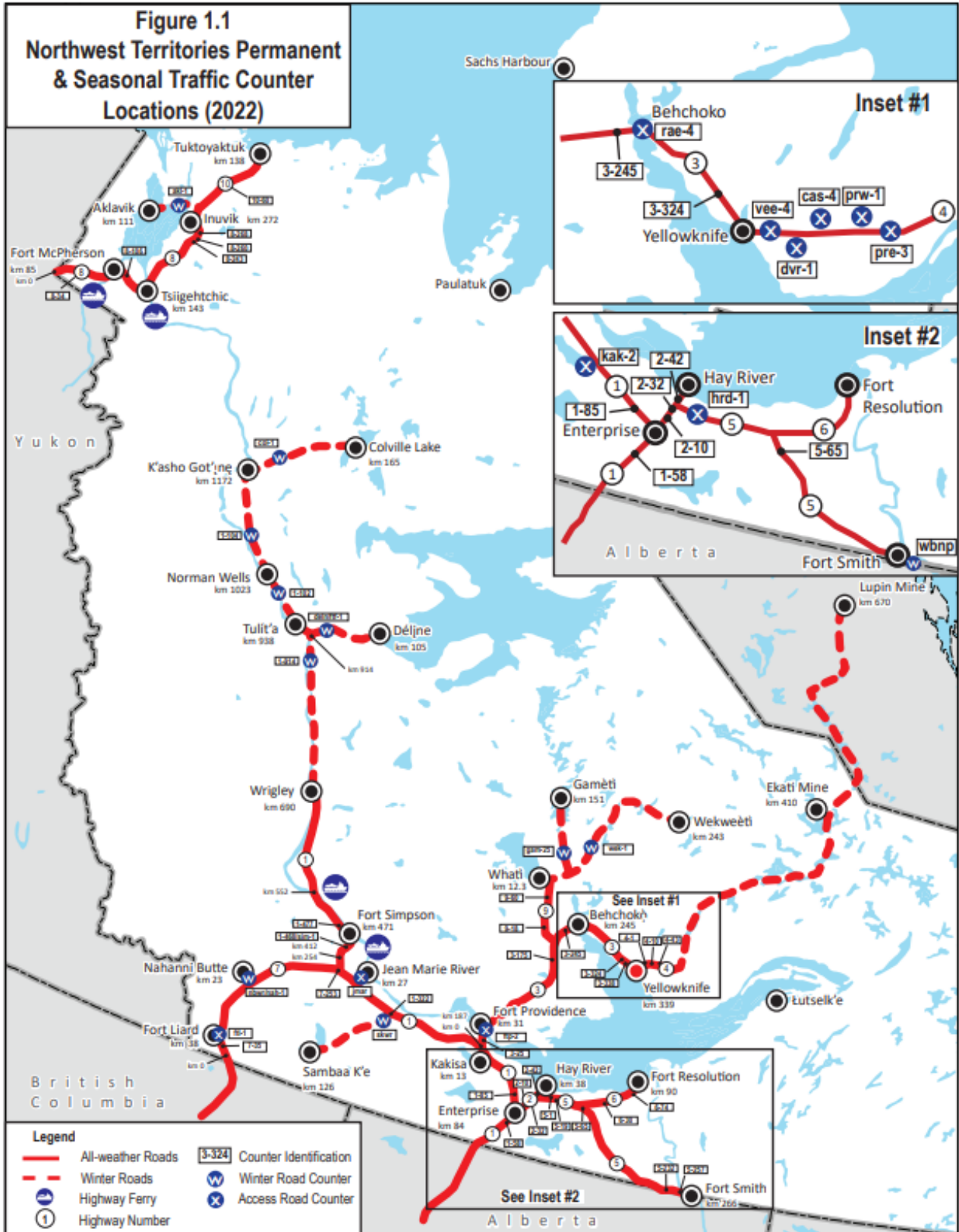


Table 1 Highway System Classification (2022)

	Length (kilometres)					
	Paved	Dust-controlled gravel	Untreated Gravel	Ferry Crossing	Winter Road	Total
All-Weather Highways						
Highway 1 (Mackenzie Highway to Wrigley)	326.0	358.5		2.5		687.0
Highway 2 (Hay River Highway)	48.6					48.6
Highway 3 (Yellowknife Highway)	338.8					338.8
Highway 4 (Ingraham Trail)	59.0	10.2				69.2
Highway 5 (Fort Smith Highway)	266.0					266.0
Highway 6 (Fort Resolution Highway)	90.0					90.0
Highway 7 (Liard Highway)	20.0	73.2	160.9			254.1
Highway 8 (Dempster Highway)	10.3	91.5	170.7			272.5
Highway 9 (Tlicho Highway)		97.0				97.0
Highway 10 (Inuvik Tuktoyaktuk Highway)		138.0				138.0
Total	1,158.7	768.4	331.6	2.5	0.0	2,261.2
Access Roads						
Kakisa Lake Access	12.9					12.9
Fort Simpson Access	3.4					3.4
Jean Marie River Access			27.0			27.0
Fort Providence Access	5.4					5.4
Rae Access	10.5					10.5
Dettah Access	11.3					11.3
Hay River Reserve Access	11.0	1.4	1.9			14.3
Fort Liard Access	0.0	5.3				5.3
Nahanni Butte Access			21.3		1.0	22.3
Yellowknife Access	3.6					3.6
Fort McPherson Access	1.1					1.1
Inuvik Access	0.6					0.6
Wha'ti Access		12.3				12.3
Highway 3 Ice Crossing Access		9.4				9.4
Miscellaneous Minor Access	3.2	8.5	45.2			56.9
Total	63.0	36.0	95.4	0.0	1.0	196.3
Winter Roads						
Highway 1 (Mackenzie Highway, Wrigley to FGH)					486.4	486.4
Colville Lake Access					165.0	165.0
Saamba K'e Access					126.0	126.0
Déline Access					105.3	105.3
Gamèti Winter Road					151.0	151.0
Wekweèti Winter Road					243.0	243.0
Aklavik Access					116.0	116.0
Dettah Access					6.3	6.3
Total	0.0	0.0	0.0	0.0	1,399.0	1,399.0
Total All-Weather Roads						2,457.5
Total Winter Roads (Department of Infrastructure)						1,399.0

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
3-25	Highway 3	25	1 km north of Deh Cho Bridge
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 Boundary Creek
3-338	Highway 3	338	0.7 km east 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
9-18	Highway 9	18	18 km north Highway 3
9-60	Highway 9	60	37 km south Gameti Winter Road intersection
10-60	Highway 10	60	60 km north Inuvik Town limits
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
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 Déljine Access
1-1022	Highway 1	1022	1.4 km south of Norman Wells
1-1040	Highway 1	1040	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
gam-1	Gameti	1	1 km north of junction with Highway 9
gam-25	Gameti	25	25 km north of junction with Highway 9
nbwr / nah-1	Nahanni Butte	2	2 km west of junction with Highway 7
tlwr	Saamba K'e	1	1 km south of junction with Highway 1
wek-1	Wekweeti	1	1 km east of junction with Gameti Winter Road

1.3 Traffic Data Processing

The traffic counters located throughout the Northwest Territories highway network collect traffic data on a continual basis. Data from the 18 portable counters is stored to memory every hour. Twice per year (once in the spring and again in the fall) personnel working out of the highway maintenance camps retrieve counters. The retrieved counters are sent to the Department of Infrastructure Policy, Planning and Communications Division for data downloading, replacing batteries and reprogramming. The counters are then sent back to the highway maintenance camps for redeployment. Traffic data from the 12 automated counters/classifiers is downloaded monthly from a web portal.

After data is downloaded, personnel with the Policy, Planning and Communications Division 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 analyzed 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.

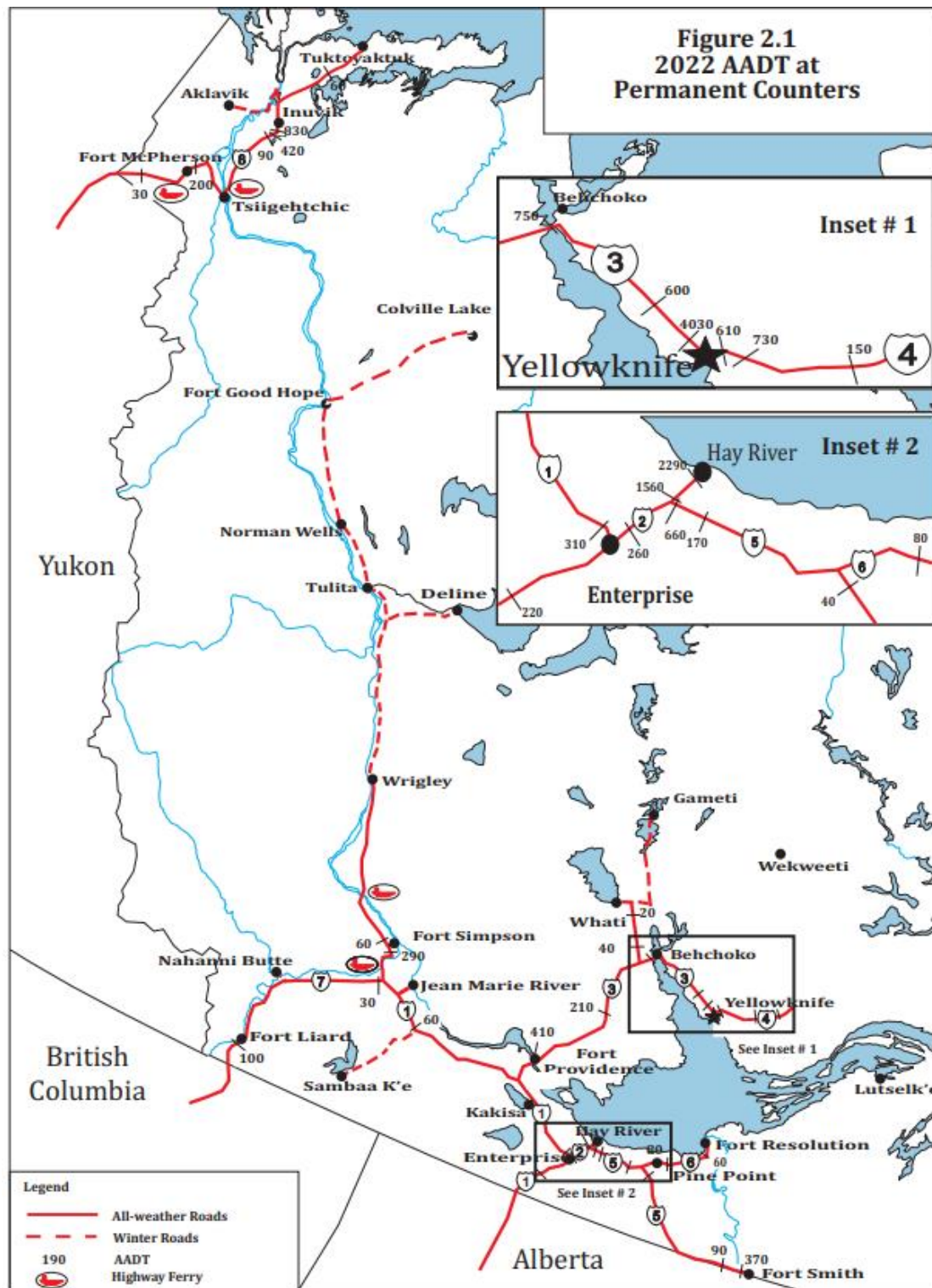
1.5 Layout Report

This report is organized into three sections:

- **Section 1** provides an introduction to the Northwest Territories traffic data collection system.
- **Section 2** presents the traffic information collected at all portable and permanent counter locations and selected mining roads; including traffic volumes, distributions, Deh Cho Bridge traffic, and vehicle kilometres travelled.
- **Section 3** presents traffic information collected on highway ferries, and commercial vehicle activity from the weigh scales.

The Appendices present additional detailed traffic information.

2.0: Highway Traffic Volume Data



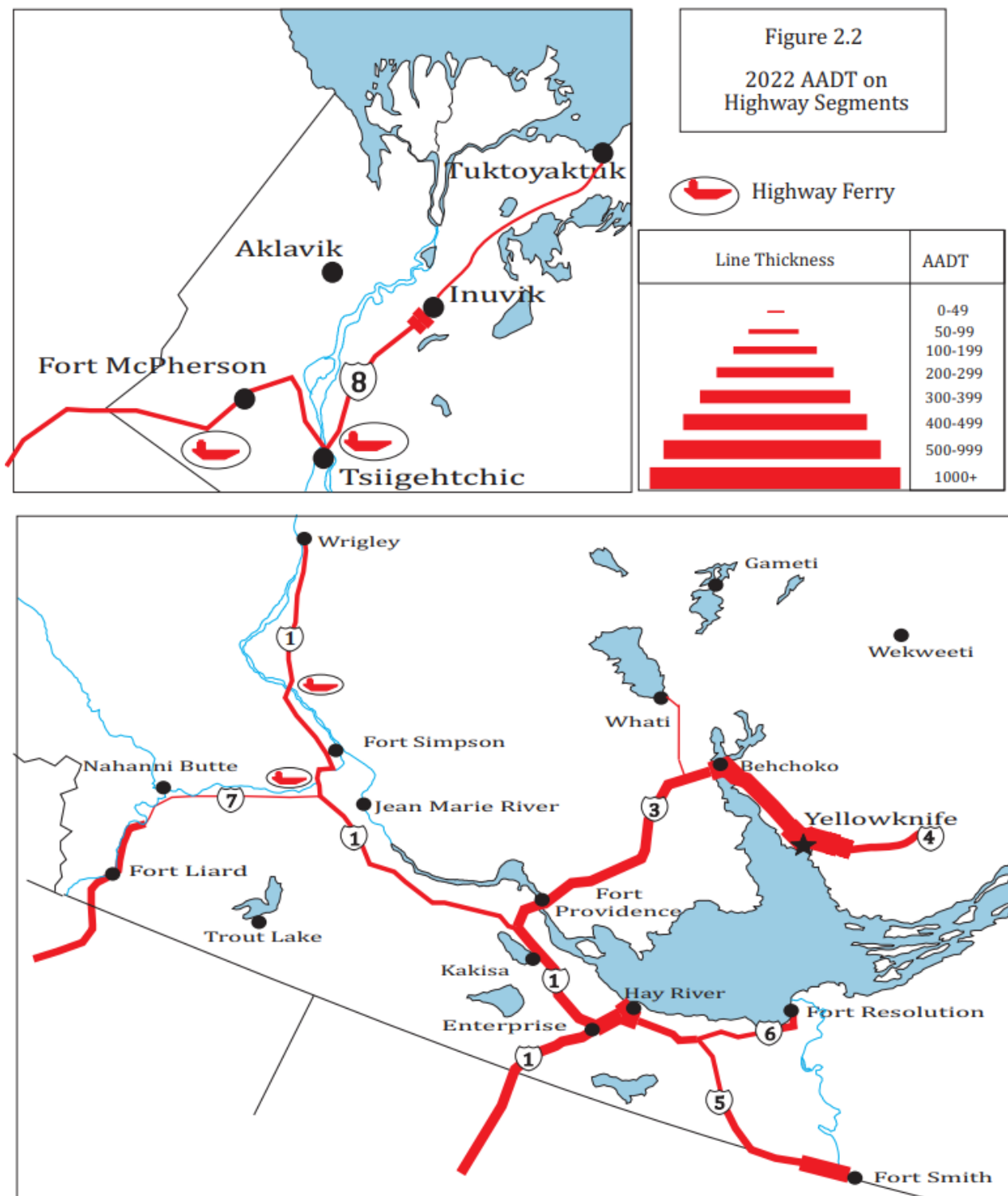


Figure 2.3 Estimated Traffic on Northwest Territories Highways

Highway	Kilometre	Counter ID	Description	Average Annual Daily Traffic (AADT)										Peak Summer Average Daily Traffic (PSADT)									
				2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
1	58	1-58	15 km south of Alexandra Falls	220	160	210	460	470	470	460	450	430	350	270	190	170	**	630	640	620	590	570	460
1	85	1-85	1.2 km west of Enterprise	310	210	360	530	540	540	530	520	500	400	440	230	**	**	750	740	730	690	670	540
1	322	1-322	0.4 km west of Trout Lake Winter Road	60	60	60	60	50	60	60	70	60	60	60	80	70	70	80	70	80	90	70	70
1	468	1-468	3 km east of Fort Simpson Access on Highway 1	290	260	230	250	280	130	130	150	130	130	360	260	250	220	420	170	170	200	170	170
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1	60	60	60	50	60	80	80	90	80	80	70	60	60	60	70	110	110	120	100	100
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens	260	350	310	720	730	730	720	690	670	640	330	390	310	**	970	980	960	920	890	860
2	32	2-32	40 metres north of Highway 2 & 5 intersection	1560	1060	610	1890	1930	1930	1890	1820	1750	1690	2050	910	740	**	2560	2560	2510	2420	2330	2250
2	42	2-42	North of West Channel across bridge	2290	1200	1600	2350	2400	2400	2360	2260	2170	2100	2140	1120	1990	**	3200	3190	3130	3020	2900	2810
3	26	3-26	1 km north of Deh Cho Bridge	410	390	380	390	400	400	390	380	370	300	540	490	470	480	480	490	460	460	480	400
3	175	3-175	53 km north of Chan Lake, 62 km south of Edzo	210	200	190	210	260	380	370	360	350	280	230	230	230	520	520	510	480	460	370	370
3	240	3-240	3 km south of Rae access, south of Frank's Channel	750	640	610	600	750	970	950	930	890	950	860	780	660	610	740	1330	1300	1240	1190	1260
3	324	3-324	21 km east of Boundry Creek	600	650	560	840	860	690	680	660	740	790	550	640	590	600	1190	790	780	740	810	1050
3	338	3-338	0.8 km west of Highway 3 and 4 intersection	4030	4080	3710	4370	5090	6340	6230	6020	6600	6990	3970	4280	4190	4710	6000	8120	7960	8030	8810	9330
4	1	4-1	1 km north of Highway 3 & 4 intersection	610	660	670	690	650	630	680	640	700	1360	770	850	830	830	790	700	830	790	790	1820
4	10	4-10	2.5 km east of Yellowknife River Bridge	730	740	810	810	720	580	630	610	670	940	1020	970	1060	970	930	570	620	630	690	1250
4	43	4-43	11 km east of Prelude Lake East Access	150	110	170	160	130	150	160	150	170	130	180	200	180	180	170	150	160	160	180	180
5	1	5-1	1 km east of Highway 2 & 5 intersection	660	590	600	680	700	720	710	680	660	640	940	840	840	**	960	960	940	910	880	850
5	19	5-19	19 km east of Highway 2 & 5 intersection	170	150	150	240	250	260	260	250	240	230	240	250	200	**	190	350	340	330	320	310
5	65	5-65	5 km south of Highway 5 & 6 intersection	40	70	70	130	130	90	90	90	90	100	40	130	90	**	90	90	90	90	130	130
5	232	5-232	25 km west of Fort Smith	90	80	100	150	120	180	170	170	170	160	110	90	140	**	150	240	240	230	220	210
5	257	5-257	6.1 km west of Fort Smith	370	330	330	530	540	570	560	540	520	500	410	360	380	430	760	760	740	720	690	670
6	30	6-30	8.5 km east of Pine Point Access	80	60	60	70	70	60	60	60	60	30	90	80	**	**	30	40	40	40	40	40
6	74	6-74	16 km west of Fort Resolution	60	80	80	100	100	100	100	100	100	100	60	130	100	**	120	140	140	140	140	130
7	35	7-35	2.6 km south of Fort Liard	100	50	60	80	90	100	100	120	100	100	140	60	50	100	100	120	130	150	130	130
7	253	7-253	0.3 km south of Highway 1 & 7 intersection	30	30	20	40	50	60	60	70	60	60	30	30	30	80	70	80	80	90	80	80
8	34	8-34	10 km west of Midway Lake	30	30	40	40	50	60	60	60	60	70	40	40	40	70	80	90	80	90	100	100
8	106	8-106	4.6 km north of Fort McPherson Access	200	100	80	90	180	90	80	90	80	90	300	80	90	140	140	110	100	120	110	120
8	243	8-243	1 km south of Cabin Creek	90	90	90	80	150	170	160	140	150	130	120	**	120	90	210	220	210	190	200	170
8	260	8-260	0.7 km north of airport access	420	340	300	1170	1530	1450	1370	1200	1250	1120	540	390	330	750	1900	1910	1810	1600	1670	1490
8	268	8-268	1.3 km south of Inuvik	830	740	610	2030	2650	2510	2380	2090	2180	1940	1060	850	**	**	3300	3310	3150	2780	2900	2590
9	18	9-18	Hwy #3 to km 48.5	40										40									
9	60	9-60	km 48.5 to Whati Access	20										30									
10	60	10-60	60 km north of Inuvik Town Limits	60	40	40	50	50						100	60	60	60	90					

Note: ** 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.

Figure 2.4 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	2018					316	336	265	316	340	319			306
			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													
			1994													
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	2018					55	48	46	62	84	65			52
			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
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		216
			1997						290	290	253	141	64			278
			1996						331	256	243	127	90	101		277
			1995										83	50		
			1994													
			1993							239		117	85	63		239
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

Note: Blanks indicate insufficient data to calculate monthly ADT.

Figure 2. 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						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.

Figure 2.5 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					ADT	
							Dec	Jan	Feb	March	April		May
Aklavik	1	akl-1	2022	17-Dec-2021	21-Apr-2022	125	46	26	28	23	28		28
			2021	11-Dec-2020	25-Apr-2021	135	41	18	22	8			21
			2020	11-Dec-2019	29-Apr-2020	140		18	22	8			16
			2019	24-Dec-2018	29-Apr-2019	126		40	54	65	62		55
			2018	22-Dec-2017	26-Apr-2018	125		28	42	82	79		57
			2017	9-Dec-2016	29-Apr-2017	141		50	55	78	89		68
			2016	11-Dec-2015	24-Apr-2016	135		41	10	48	74		42
			2015	3-Dec-2014	23-Apr-2015	141	61	34	48	59	75		54
			2014	11-Dec-2013	29-Apr-2014	139		41	51	70			54
			2013	11-Dec-2012	7-May-2013	147			60	92	105	86	86
Colville Lake	1	col-1	2021	22-Dec-2020	7-Apr-2021	106		17	27	20			21
			2020	23-Dec-2019	20-Mar-2020	88		17	27	20			21
			2019	20-Dec-2018	20-Mar-2019	90		14	20	17			17
			2018	16-Dec-2017	11-Apr-2018	116		15	20	19	15		18
			2017	17-Dec-2016	2-Apr-2017	106		19	19	15			18
			2016	21-Dec-2015	4-Apr-2016	105		16	15	16			16
			2015	17-Dec-2014	31-Mar-2015	104		49	24	127			68
			2014	28-Dec-2013	16-Apr-2014	109		7	17	17	15		14
			2012	20-Dec-2011	2-Apr-2012	104			23	26	17		24
			2011	14-Dec-2010	29-Mar-2011	105			23	18			20
Deline	1	deln	2021	10-Jan-2021	7-Apr-2021	87		18	33	67			42
			2020	20-Dec-2019	20-Mar-2020	91		18	33	67			35
			2019	25-Jan-2019	20-Mar-2019	54		12	32	34			30
			2018	25-Jan-2018	13-Apr-2018	78		15	32	36	10		28
			2017	27-Jan-2017	2-Apr-2017	65		16	52	77			61
			2016	21-Dec-2015	31-Mar-2016	101		13	41	56			37
			2015	9-Jan-2015	31-Mar-2015	81		16	23	25			22
			2014	19-Dec-2013	14-Apr-2014	116			19	32	22		25
			2013	22-Jan-2013	2-Apr-2013	70			115	31			71
			2012	30-Dec-2011	2-Apr-2012	94			24	28	6		25
Dettah Ice Road (Yellowknife Side)	1	dettah-1	2022	24-Dec-2021	22-Apr-2022	119		553	529	605	739		598
			2021	24-Dec-2020	16-Apr-2021	113		681	784	749	839		752
			2020	11-Jan-2020	19-Apr-2020	99		681	784	749	839		762
			2019	11-Jan-2019	11-Apr-2019	90		580	645	678	454		618
			2018	5-Jan-2018	18-Apr-2018	103		602	702	898	690		732
			2017	6-Jan-2017	7-Apr-2017	91		271	240	425	419		325
			2016	2-Jan-2016	18-Apr-2016	107		592	447	391	319		450
			2015	19-Dec-2014	12-Apr-2015	114	1097	995	1024	1534	1303		1191
			2014	13-Dec-2013	21-Apr-2014	129	1146	1216	1168	1592	1404		1315
			2013	20-Dec-2012	17-Apr-2013	118		995	1053	1657	1185		1232
Dettah Ice Road (Dettah Side)	6	dettah-6	2022	24-Dec-2021	22-Apr-2022	119		264	276	297	322		288
			2021	24-Dec-2020	16-Apr-2021	113		235	271	283	293		267
			2020	11-Jan-2020	19-Apr-2020	99		235	271	283	293		271
			2019	11-Jan-2019	11-Apr-2019	90		266	289	325	264		293
			2018	5-Jan-2018	18-Apr-2018	103		280	338	394	388		348
			2017	6-Jan-2017	7-Apr-2017	91		520	244	425	391		394
			2016	2-Jan-2016	18-Apr-2016	107		468	458	453	433		455
			2015	19-Dec-2014	12-Apr-2015	114	527	564	522	626	632		573
			2014	13-Dec-2013	21-Apr-2014	129	228	237	276	303	347		278
			2013	20-Dec-2012	17-Apr-2013	118		270	301	332	289		299
Gameti	25	gam-25	2022	16-Feb-2022	22-Apr-2022	65			29	32	22		28
			2021	17-Feb-2021	15-Apr-2021	57			30	48	42		43
			2020	12-Feb-2020	10-Apr-2020	58			27	48	42		40
			2019	4-Mar-2019	12-Apr-2019	39				40	35		39
			2018	5-Feb-2018	24-Apr-2018	78			23	30	28		27
			2017	6-Feb-2017	8-Apr-2017	61				34	49		37
			2016	29-Feb-2016	12-Apr-2016	43			29	39	43		40
			2015	16-Feb-2015	15-Apr-2015	58			47	38	44		42
			2014	18-Feb-2014	22-Apr-2014	63			22	35	31		31
			2013	13-Feb-2013	21-Apr-2013	67			39	59	55		53
Highway No. 1 (Wrigley)	695	1-695	2006	19-Dec-2005	7-Apr-2006	109		53	74	85			71
			2005	13-Dec-2004	1-Apr-2005	109		39	49	51			46
Highway No. 1 (Deline Junction)	914	1-914	2021	24-Dec-2020	7-Apr-2021	104		22	64	67			51
			2020	23-Dec-2019	20-Mar-2020	88		22	64	67			49
			2019	20-Dec-2018	20-Mar-2019	90		20	68	80			52
			2018	16-Dec-2017	11-Apr-2018	116		21	68	65	7		46
			2017	17-Dec-2016	2-Apr-2017	106		58	94	111			87
			2016	21-Dec-2015	31-Mar-2016	101		48	73	81			67
			2015	20-Dec-2014	31-Mar-2015	101		85	65	72			74
			2014	27-Dec-2013	14-Apr-2014	108		81	102	106	18		86
			2013	16-Dec-2012	2-Apr-2013	107			115	156			137
			2012	20-Dec-2011	2-Apr-2012	104			61	77	22		68
Highway No. 1 (Norman Wells South)	1022	1-1022	2022	16-Dec-2021	18-Apr-2022	123		61	81	99			80
			2020	23-Dec-2019	20-Mar-2020	88		128	98	42			96
			2019	22-Dec-2018	20-Mar-2019	88		98	114	40			89
			2018	16-Dec-2017	9-Apr-2018	114		57	85	57	40		63
			2017	17-Dec-2016	2-Apr-2017	106		81	134	91			101
			2016	21-Dec-2015	31-Mar-2016	101		95	126	122			114
			2015	17-Dec-2014	31-Mar-2015	104		100	108	88			98
			2014	28-Dec-2013	14-Apr-2014	107		84	135	168	47		118
			2013	19-Dec-2012	2-Apr-2013	104			159	169			164
			2012	20-Dec-2011	2-Apr-2012	104			88	102	24		93
Note: Blanks may indicate insufficient data to calculate monthly ADT, road closed, or counter not installed.													

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

Figure 2.5 cont'd 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					ADT		
							Dec	Jan	Feb	March	April	May		
Highway No. 1 (Norman Wells North)	1031	1-1031	2021	24-Dec-2020	7-Apr-2021	104			34	41	43			39
			2020	23-Dec-2019	20-Mar-2020	88			34	31	43			35
			2019	22-Dec-2018	20-Mar-2019	88			26	36	41			33
			2018	16-Dec-2017	9-Apr-2018	114			26	36	40	38		34
			2017	17-Dec-2016	2-Apr-2017	106			63	71	69			68
			2016	21-Dec-2015	31-Mar-2016	101			21	37	53			37
			2015	17-Dec-2014	31-Mar-2015	104			23	32	39			31
			2014	28-Dec-2013	14-Apr-2014	107			24	35	42	29		33
			2013	19-Dec-2012	2-Apr-2013	104				25	31			28
			2012	20-Dec-2011	2-Apr-2012	104				33	29	23		31
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	2014	30-Jan-2014	1-Apr-2014	61			212	373	283			322
			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	2017	26-Jan-2017	8-Apr-2017	72			342	366	372	165		345
			2016	5-Feb-2016	12-Apr-2016	67				487	473	339		456
			2015	19-Jan-2015	15-Apr-2015	86			87	85	115	108		100
			2014	24-Jan-2014	22-Apr-2014	88			75	233	385	183		259
			2013	22-Jan-2013	21-Apr-2013	89			66	98	299	175		182
			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
Sambaa K'e	1	tlwr	2022	22-Dec-2021	6-Apr-2022	105			7	12	15			11
			2019	19-Dec-2018	20-Mar-2019	91			6	6	6			6
			2018	20-Dec-2017	31-Mar-2018	101			6	6	6	3		6
			2017	23-Dec-2016	8-Apr-2017	106			12	9	21			14
			2016	21-Dec-2015	31-Mar-2016	101			6	6	6	3		6
			2015	17-Dec-2014	31-Mar-2015	104			3	2	5			3
			2014	23-Dec-2013	9-Apr-2014	107			7	5	5			6
			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								
Tuktoyaktuk	1	tuk-1	2017	9-Dec-2016	29-Apr-2017	141			134	123	167	187		153
			2016	11-Dec-2015	24-Apr-2016	135			198	151	232	222		200
			2015	3-Dec-2014	23-Apr-2015	141	92		75	96	220	198		134
			2014	23-Dec-2013	29-Apr-2014	127			101	112	149			121
			2013	13-Dec-2012	7-May-2013	145				125	200	179	146	168
			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
Gameti (near Highway 9)	1	gam-1	2022	16-Feb-2022	22-Apr-2022	65				37	58	44		47
			2021	25-Jan-2021	15-Apr-2021	80			74	57	91	60		72
			2020	24-Jan-2020	10-Apr-2020	77			74	57	91	60		73
			2019	8-Feb-2019	12-Apr-2019	63				77	79	54		74
			2018	24-Jan-2018	24-Apr-2018	90				77	64	34		60
Wekweeti	1	wek-1	2022	11-Mar-2022	22-Apr-2022	42					30	20		26
			2021	12-Mar-2021	15-Apr-2021	34					34	32		33
			2020	6-Mar-2020	10-Apr-2020	35					34	32		34
			2019	20-Mar-2019	12-Apr-2019	23					27	30		28
			2018	22-Feb-2018	24-Apr-2018	61				24	21	20		22
			2017	3-Mar-2017	8-Apr-2017	36					14	31		17
			2016	14-Mar-2016	12-Apr-2016	29					38	48		41
			2015	7-Mar-2015	15-Apr-2015	39					23	13		20
			2014	7-Mar-2014	22-Apr-2014	46				4	20	20		14
			2013	7-Mar-2013	9-Apr-2013	33				52	126	23		82

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

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

Figure 2.6 Opening and Close Dates for Winter Roads & Ice Bridges

Year	Winter Roads										Summer Roads										Spring Roads										Fall Roads										Yearly Summary									
	W1 (Highway #1)					W2 (Highway #2)					W3 (Highway #3)					S1 (Highway #1)					S2 (Highway #2)					S3 (Highway #3)					F1 (Highway #1)					F2 (Highway #2)					F3 (Highway #3)					Total				
	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access	Start	End	Status	Notes	Access										
1998/99	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	1998/99				
1999/00	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	1999/00				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	1999/00				
2000/01	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2000/01				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2000/01				
2001/02	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2001/02				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2001/02				
2002/03	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2002/03				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2002/03				
2003/04	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2003/04				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2003/04				
2004/05	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2004/05				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2004/05				
2005/06	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2005/06				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2005/06				
2006/07	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2006/07				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2006/07				
2007/08	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2007/08				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2007/08				
2008/09	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2008/09				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2008/09				
2009/10	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2009/10				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2009/10				
2010/11	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2010/11				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2010/11				
2011/12	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2011/12				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2011/12				
2012/13	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2012/13				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2012/13				
2013/14	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2013/14				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2013/14				
2014/15	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2014/15				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2014/15				
2015/16	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2015/16				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2015/16				
2016/17	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2016/17				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2016/17				
2017/18	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1	20-Jan	25-Jan	Open		S2	25-Jan	30-Jan	Open		S3	30-Jan	31-Mar	Open		F1	31-Mar	1-Apr	Open		F2	1-Apr	5-Apr	Open		F3	5-Apr	10-Apr	Open		Total	2017/18				
	3-Feb	Open			W1	15-Jan	20-Jan	Open		W2	20-Jan	25-Jan	Open		S1	25-Jan	30-Jan	Open		S2	30-Jan	31-Mar	Open		S3	31-Mar	1-Apr	Open		F1	1-Apr	5-Apr	Open		F2	5-Apr	10-Apr	Open		F3	10-Apr	15-Apr	Open		Total	2017/18				
2018/19	1-Feb	Closed			W1	7-Jan	15-Jan	Open		W2	15-Jan	20-Jan	Open		S1																																			

Figure 2.7 Truck Traffic on the Tibbitt to Contwoyto Winter Road

		<i>Gahcho Kue (1)</i>	<i>Ekati Mine</i>	<i>Diavik Diamond Mines Inc.</i>	<i>DeBeers Snap Lake</i>		<i>Mineral Exploration Traffic</i>	<i>Total</i>
2023	Total Tonnage	52,091	49,166	99,870	3,739		104	204,970
	Total Trucks	1,598	1,419	2,869	121		7	6,014
2022	Total Tonnage	62,203	66,451	111,228			466	240,348
	Total Trucks	1,797	1,799	3,014			23	6,633
2021	Total Tonnage	60,500	32,764	112,877			49	206,190
	Total Trucks	1,913	932	3,254			3	6,102
2020	Total Tonnage	53,835	65,312	103,500			3,655	226,302
	Total Trucks	1,705	1,993	3,209			165	7,072
2019	Total Tonnage	58,881	80,447	108,290			264	247,882
	Total Trucks	1,731	2,491	3,064			203	7,489
2018	Total Tonnage	66,951	88,612	115,060			8,080	278,703
	Total Trucks	1,972	2,610	3,389			238	8,209
2017	Total Tonnage	61,590	84,935	114,778	12,608		5,573	279,484
	Total Trucks	2,030	2,556	3,294	159		270	8,309
2016	Total Tonnage	40,100	93,403	115,352	7,509		5,995	262,359
	Total Trucks	1,640	3,294	3,941	388		344	9,607
2015	Total Tonnage	61,151	83,045	106,031	51,726		3,262	305,215
	Total Trucks	2,224	2,078	2,758	1,771		84	8,915
2014	Total Tonnage	14,092	83,561	89,817	54,737		1,721	243,928
	Total Trucks	659	2,249	2,520	1,570		71	7,069
2013 (2)	Total Tonnage	0	64,051	111,659	42,116		4,296	222,122
	Total Trucks	0	1,649	2,888	1,277		203	6,017

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.

2023 season	51 days (February 8 - March 31)
2022 season	59 days (January 31 - March 31)
2021 season	51 days (February 8 - March 31)
2020 season	59 days (January 31 - March 30)
2019 season	58 days (January 30 - March 29)
2018 season	61 days (January 30 - April 1)
2017 season	56 days (February 1 - March 29)
2016 season	44 days (February 9 - March 24)
2015 season	60 days (January 30 - March 31)
2014 season	61 days (January 30 - April 1)
2013 season	60 days (January 30 - March 31)

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) For data preceeding 2013, please see Appendix B 'Historical Data'.

Refer to Figure 1 for the location of this winter road

Figure 2.8 Estimated Vehicle Kilometres Traveled on NWT Highways

Hwy	km	Length (km)	AADT										Vehicle Kilometres Traveled (Millions)										
			2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	
1	58	Alberta Border to Enterprise	84.2	220	160	210	460	470	470	460	450	430	350	68	49	66	14.0	14.3	14.3	14.1	13.7	13.2	10.6
1	85	Enterprise to Junction with Hwy #3	103.4	310	210	360	530	540	540	530	520	500	400	118	80	136	20.0	20.5	20.5	20.2	19.6	18.9	15.2
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	60	60	60	60	60	60	60	60	60	60	5.6	6.0	5.6	5.6	4.9	5.5	5.7	6.4	5.4	5.5
1	468	Junction with Hwy #7 to Fort Simpson Access	14.9	290	260	230	250	280	130	130	150	130	130	1.6	1.4	1.2	1.4	1.5	0.7	0.7	0.8	0.7	0.7
1	477	Fort Simpson Access to Wrigley	215.7	60	60	60	50	60	80	80	90	80	80	4.4	4.8	4.8	4.3	4.6	6.5	6.6	7.2	6.1	6.1
		1 Arterial	687.0											30.2	25.1	31.9	45.2	45.8	47.5	47.3	47.7	44.2	38.1
2	10	Enterprise to Junction with Hwy #5	37.5	260	350	310	720	730	730	720	690	670	640	3.5	4.7	4.2	9.8	10.0	10.0	9.9	9.5	9.1	8.8
2	32	Junction with Hwy #5 to Hay River (West Channel Bridge)	6.2	1560	1060	610	1890	1930	1930	1890	1820	1750	1690	3.5	2.4	1.4	4.3	4.4	4.4	4.3	4.1	3.9	3.8
2	42	1 km south Airport Access, 5 km north West Channel Bridge		2290	1200	1600	2350	2400	2400	2360	2260	2170	2100										
		2 Arterial	43.7											7.1	7.1	5.6	14.1	14.4	14.4	14.2	13.6	13.1	12.6
3	26	Junction with Hwy #1 to Fort Providence Access	44.1	410	390	380	390	400	400	390	380	370	300	6.6	6.3	6.1	6.2	6.4	6.5	6.3	6.1	5.9	4.8
3	175	Fort Providence Access to Edzo Access	192.4	210	200	190	210	260	380	370	360	350	280	14.7	13.8	13.6	14.5	18.5	26.5	26.1	25.4	24.3	19.7
3	240	Edzo Access to Rae Access	8.5	750	640	610	600	750	970	950	930	890	950	2.3	2.0	1.9	1.9	2.3	3.0	3.0	2.9	2.8	2.9
3	324	Rae Access to Yellowknife Access (Old Airport Road)	88.5	600	650	560	840	860	690	680	660	740	790	19.3	20.9	18.0	27.0	27.6	22.3	22.0	21.4	23.9	25.4
3	337	Old Airport Road Junction to Junction with Hwy #4	5.3	4030	4080	3710	4370	5090	6340	6230	6020	6600	6990	7.8	7.9	7.2	8.4	9.9	12.3	12.1	11.6	12.8	13.5
		3 Arterial	338.8											50.7	50.8	46.8	58.0	64.7	70.5	69.5	67.5	69.6	66.2
4	1	Junction with Hwy #3 to Vee Lake Access	5	610	660	670	690	650	630	680	640	700	1360	1.1	1.2	1.2	1.3	1.2	1.1	1.3	1.2	1.3	2.5
4	10	Vee Lake Access to Prelude Lake East Access	11.8	730	740	810	810	720	580	630	610	670	940	3.2	3.2	3.5	3.5	3.1	2.5	2.7	2.6	2.9	4.0
4	43	Prelude Lake East Access to Tibbitt Lake	52.4	150	110	170	160	130	150	160	150	170	130	2.9	2.1	3.2	3.1	2.6	2.8	3.0	2.9	3.2	2.5
		4 Collector	69.2											7.1	6.5	7.9	7.9	6.9	6.4	7.0	6.7	7.4	9.0
5	1	Junction with Hwy #2 to Hay River Reserve Access	2.5	660	590	600	680	700	720	710	680	660	640	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6
5	19	Hay River Reserve Access to Junction with Hwy #6	57.9	170	150	150	240	250	260	260	250	240	230	3.7	3.3	3.2	5.2	5.3	5.5	5.4	5.2	5.0	4.9
5	65	Junction with Hwy #6 to Salt River Village Access Road	187.8	40	70	70	130	130	90	90	90	90	100	3.0	4.7	4.5	8.6	8.8	5.9	5.9	5.9	5.9	6.6
5	232	Salt River Village Access Road to Trout Street	13.5	90	80	100	150	120	180	170	170	170	160	0.4	0.4	0.5	0.7	0.6	0.9	0.9	0.8	0.8	0.8
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	370	330	330	530	540	570	560	540	520	500	0.6	0.5	0.5	0.8	0.8	0.9	0.9	0.8	0.8	0.8
		5 Arterial	266.0											8.3	9.4	9.3	15.9	16.2	13.8	13.7	13.5	13.2	13.6
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	80	60	60	70	70	60	60	60	60	30	2.0	1.5	1.5	1.7	1.8	1.5	1.5	1.5	1.5	0.8
6	74	Little Buffalo Village Road to Fort Resolution	21.7	60	80	80	100	100	100	100	100	100	100	0.4	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
		6 Collector	90.0											2.4	2.1	2.2	2.5	2.6	2.3	2.4	2.3	1.6	
7	35	BC Border to Fort Liard	37.6	100	50	60	80	90	100	100	120	100	100	1.4	0.7	0.9	1.1	1.3	1.3	1.4	1.6	1.3	1.4
7	253	Fort Liard to Junction with Hwy #1	216.5	30	30	20	40	50	60	60	70	60	60	2.1	2.1	1.9	3.1	4.0	4.7	4.9	5.5	4.6	4.7
		7 Arterial	254.1											3.4	2.9	2.8	4.2	5.3	6.0	6.3	7.1	5.9	6.1
8	34	Yukon Border to Fort McPherson Access	85.4	30	30	40	40	50	60	60	60	60	70	0.9	0.8	1.1	1.2	1.6	1.9	1.9	1.9	1.9	2.3
8	106	Fort McPherson Access to Mackenzie River Ferry	57.2	200	100	80	90	180	90	80	90	80	90	4.1	2.0	1.7	1.9	3.7	1.8	1.7	1.8	1.7	1.8
8	243	Mackenzie River Ferry to Airport Access Road	116.7	90	90	90	80	150	170	160	140	150	130	4.0	4.0	4.0	3.4	6.3	7.4	7.0	6.1	6.2	5.5
8	260	Airport Access Road to Tuk Park Access Road	6.1	420	340	300	1170	1530	1450	1370	1200	1250	1120	0.9	0.8	0.7	2.6	3.4	3.2	3.1	2.7	2.8	2.5
8	268	Tuk Park Access Road to Inuvik	3.9	830	740	610	2030	2650	2510	2380	2090	2180	1940	1.2	1.1	0.9	2.9	3.8	3.6	3.4	3.0	3.1	2.8
		8 Arterial	269.3											11.1	8.5	8.3	12.0	18.7	17.9	17.1	15.5	15.7	14.9
9	18	Hwy #3 to km 48.5	48.5	40										0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	60	km 48.5 to Whati Access	48.5	20										0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		9 Collector	97.0											1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	60	End of Navy Road to Tuktoyaktuk Corporate Limits	133.6	60	40	40	50	50						2.7	2.1	2.1	2.2	2.5	0.0	0.0	0.0	0.0	0.0
		10 Collector																					
		Total Arterial	1858.9											110.8	103.8	104.6	149.4	165.1	170.1	168.1	164.8	161.7	151.6
		Total Collector	389.8											13.3	10.8	12.2	12.6	12.0	8.8	9.4	9.0	9.7	10.6
		Total Vehicle Kilometres Travelled		1241.1	114.6	116.8	162.0	177.0	178.9	177.4	173.9	171.3	162.2										

Figure 2.9 Estimated Vehicle Kilometres Travelled on Northwest Territories Highways

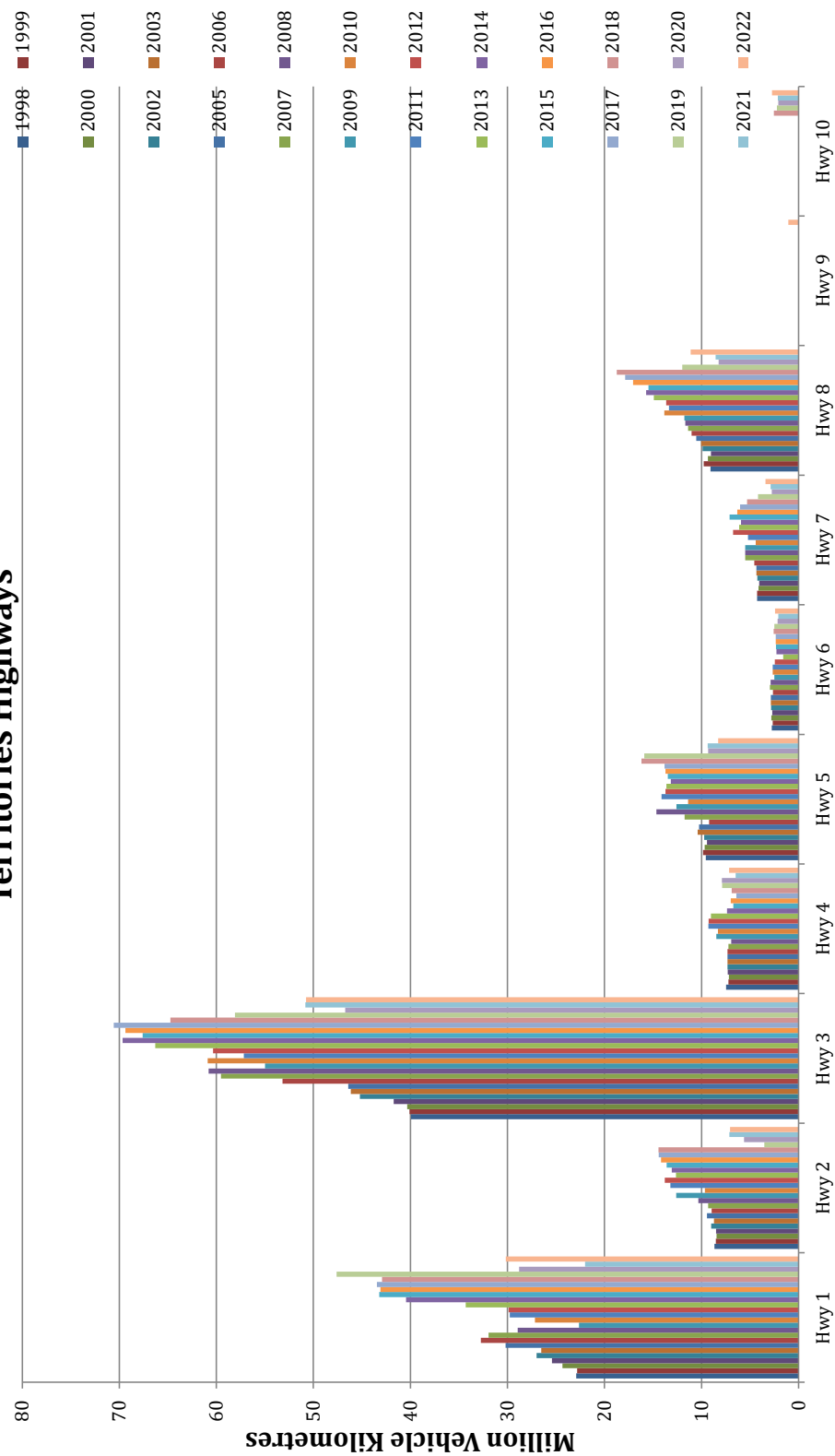
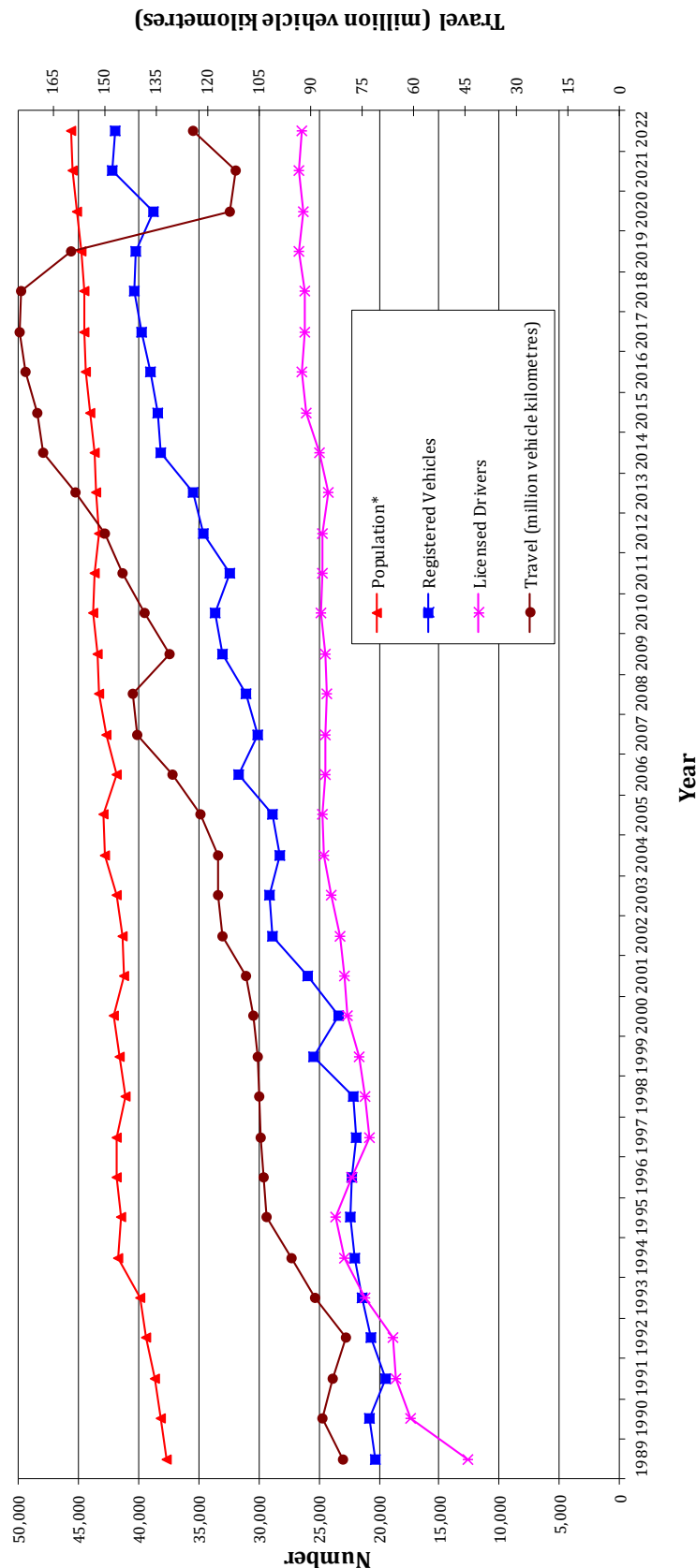


Figure 2.10 Yearly Trend in Road-Related Indicators



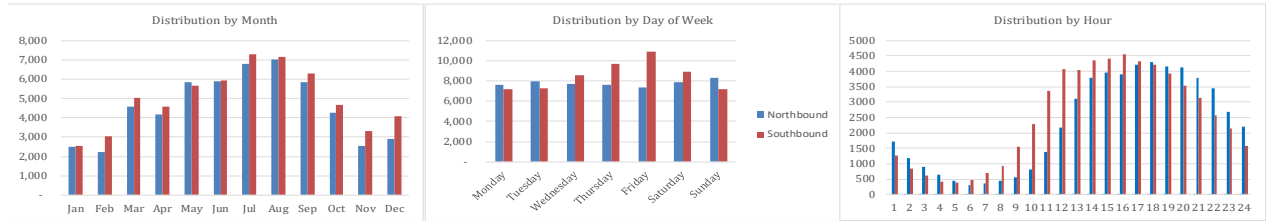
Indicators	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Population*	43,282	43,439	43,759	43,675	43,349	43,537	43,623	44,088	44,469	44,520	44,541	44,826	45,161	45,504	45,605
Registered Vehicles	31,042	33,036	33,688	32,391	34,655	35,469	38,185	38,393	38,967	39,706	40,347	40,269	38,730	42,170	41,930
Licensed Drivers	24,323	24,449	24,785	24,691	24,745	24,186	24,942	26,094	26,408	26,158	26,146	26,691	26,305	26,654	26,471
Travel (million vehicle kilometres)	141.7	131.0	138.3	144.8	149.8	158.5	167.7	169.5	173.0	174.9	174.3	159.5	113.6	111.7	124.1

*Source: Northwest Territories Stats Bureau

Figure 2.11 Traffic Characteristics at Permanent Counters

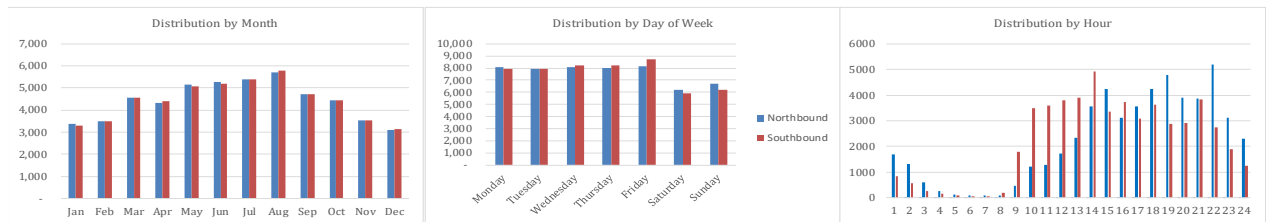
Highway 1, Kilometre 83

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	6	4	4	4	11	20	23	24	17	8	4	4	129
Car, Van, Light Truck, SUV	1,458	1,250	2,779	3,596	4,323	4,377	5,682	5,596	4,399	3,246	1,853	2,677	41,236
Light Truck w/ Trailer, Mobile Equipment	952	904	1,966	2,316	3,093	2,832	3,419	3,654	3,068	2,207	1,303	1,626	27,340
Straight Truck, Bus, Motorhome, Mobile Equipment	735	768	1,029	860	1,901	2,278	2,603	2,364	1,953	1,334	782	681	17,288
Tractor Trailer	1,912	2,322	3,823	2,000	2,202	2,282	2,365	2,539	2,689	2,145	1,940	2,031	28,250
Total	5,063	5,248	9,601	8,776	11,530	11,789	14,092	14,177	12,126	8,940	5,882	7,019	114,243
Average Daily Traffic (ADT)	163	187	310	293	372	393	455	457	404	288	196	226	AADT:313



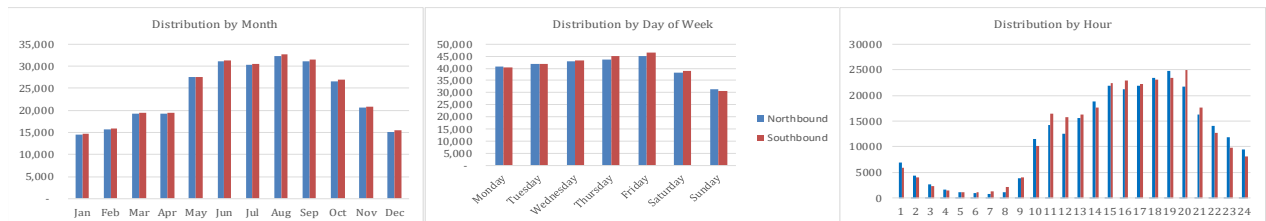
Highway 1, Kilometre 468

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	2	1	2	5	5	5	5	5	4	3	3	2	42
Car, Van, Light Truck, SUV	2,940	2,850	3,621	4,121	5,429	4,908	5,139	5,085	4,517	4,279	3,360	2,912	49,161
Light Truck w/ Trailer, Mobile Equipment	2,707	2,873	3,767	3,536	4,033	4,049	3,949	4,236	3,657	3,540	3,199	2,772	42,318
Straight Truck, Bus, Motorhome, Mobile Equipment	739	763	916	887	700	1,179	1,182	1,581	873	804	494	469	10,587
Tractor Trailer	294	502	841	178	85	326	502	615	412	220	48	80	4,103
Total	6,682	6,989	9,147	8,727	10,252	10,467	10,777	11,522	9,463	8,846	7,104	6,235	106,211
Average Daily Traffic (ADT)	216	250	295	291	331	349	348	372	315	285	237	201	AADT:291



Highway 2, Kilometre 32

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	2	2	2	3	9	13	14	15	14	11	8	5	98
Car, Van, Light Truck, SUV	11,927	12,380	15,692	17,486	25,097	26,526	25,684	27,559	26,095	21,937	18,237	12,930	241,550
Light Truck w/ Trailer, Mobile Equipment	12,657	12,517	15,786	16,031	22,312	24,380	23,869	25,144	24,639	21,081	16,341	12,491	227,248
Straight Truck, Bus, Motorhome, Mobile Equipment	3,048	3,668	3,931	3,766	5,774	7,853	8,110	9,090	8,885	6,996	5,121	3,849	70,091
Tractor Trailer	1,545	2,936	3,342	1,476	1,921	3,634	3,215	3,090	2,925	3,520	1,708	1,338	30,650
Total	29,179	31,503	38,753	38,762	55,113	62,406	60,892	64,898	62,558	53,545	41,415	30,613	569,637
Average Daily Traffic (ADT)	941	1125	1250	1292	1778	2080	1964	2093	2085	1727	1381	988	AADT:1561



Highway 3, Kilometre 34

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	18	24	30	14	17	15	15	17	19	16	17	17	219
Car, Van, Light Truck, SUV	2,261	2,788	3,321	1,676	2,087	1,843	1,841	2,006	2,183	1,895	1,983	1,960	25,844
Light Truck w/ Trailer, Mobile Equipment	228	204	260	143	142	136	152	142	143	142	159	146	1,997
Straight Truck, Bus, Motorhome, Mobile Equipment	716	764	980	579	672	745	738	768	730	707	682	677	8,758
Tractor Trailer	1,524	2,144	2,246	723	662	665	581	573	600	652	737	849	11,956
Total	4,747	5,924	6,837	3,135	3,580	3,404	3,327	3,506	3,675	3,412	3,578	3,649	48,774
Average Daily Traffic (ADT)	153	212	221	105	115	113	107	113	123	110	119	118	AADT:134

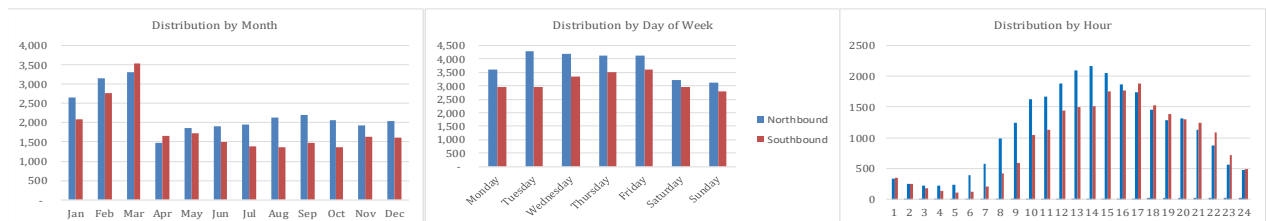
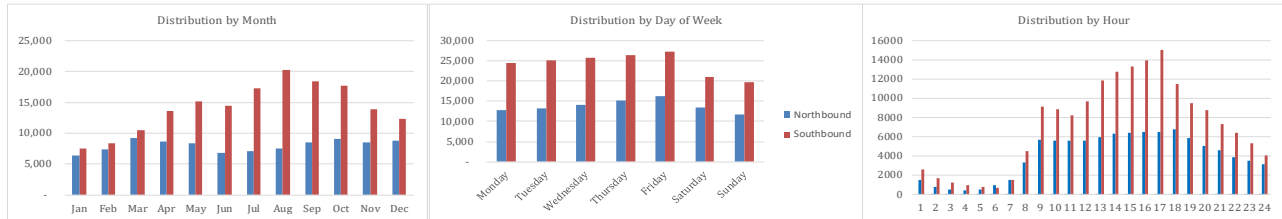


Figure 2.12 Traffic Characteristics at Permanent Counters

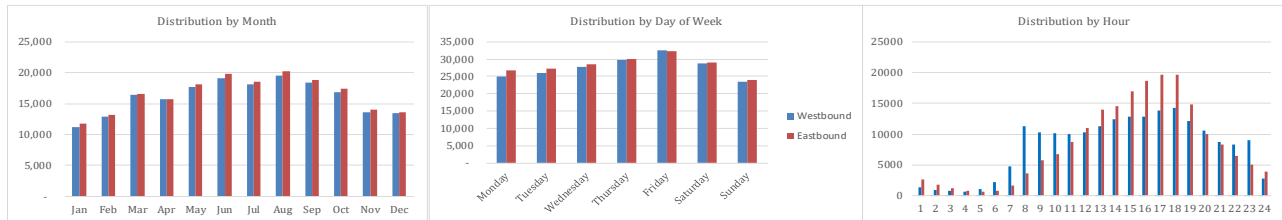
Highway 3, Kilometre 245

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	49	53	59	148	121	172	220	271	168	227	376	273	2137
Car, Van, Light Truck, SUV	6,522	6,635	7,963	13,946	15,315	14,645	17,593	20,724	19,060	18,841	15,094	13,572	169,910
Light Truck w/ Trailer, Mobile Equipment	2,429	2,483	3,428	3,064	2,789	1,798	1,533	1,757	1,921	2,077	1,684	1,751	26,714
Straight Truck, Bus, Motorhome, Mobile Equipment	2,283	2,220	2,974	2,831	3,120	3,011	3,187	3,135	3,601	3,260	2,579	2,774	34,975
Tractor Trailer	2,676	4,401	5,435	2,229	2,066	1,654	1,807	1,918	2,248	2,461	2,777	2,704	32,376
Total	13,959	15,792	19,859	22,218	23,411	21,280	24,340	27,805	26,998	26,866	22,510	21,074	266,112
Average Daily Traffic (ADT)	450	564	641	741	836	887	785	897	900	867	750	680	AADT:748



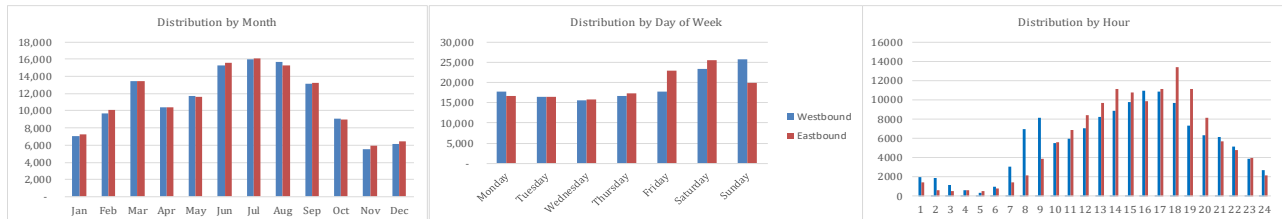
Highway 3, Kilometre 332

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	5	9	14	24	106	198	174	139	83	30	15	10	807
Car, Van, Light Truck, SUV	11,922	12,897	16,423	18,292	20,242	20,955	19,739	22,321	20,531	18,540	14,656	14,475	210,993
Light Truck w/ Trailer, Mobile Equipment	6,403	6,960	8,257	8,351	9,415	8,874	7,694	8,699	8,289	8,381	6,672	7,101	95,096
Straight Truck, Bus, Motorhome, Mobile Equipment	2,273	1,978	2,958	2,861	4,123	6,241	6,399	6,098	5,436	4,611	3,310	2,928	49,216
Tractor Trailer	2,343	4,219	5,236	1,886	1,992	2,699	2,691	2,447	2,862	2,697	2,933	2,573	34,578
Total	22,946	26,063	32,888	31,414	35,878	38,967	36,697	39,704	37,201	34,259	27,586	27,087	390,690
Average Daily Traffic (ADT)	740	931	1061	1047	1157	1299	1184	1281	1240	1105	920	874	AADT:1070



Highway 4, Kilometre 10

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	8	15	18	24	93	272	264	201	104	39	16	5	1059
Car, Van, Light Truck, SUV	8,294	7,613	10,573	11,516	14,006	17,478	18,752	18,426	16,170	11,139	7,043	7,413	148,423
Light Truck w/ Trailer, Mobile Equipment	3,640	3,814	5,180	5,247	5,815	7,174	7,189	6,977	5,745	4,223	2,911	2,929	60,844
Straight Truck, Bus, Motorhome, Mobile Equipment	2,201	2,278	3,862	3,696	3,285	5,687	5,725	5,231	4,199	2,525	1,495	1,215	42,309
Tractor Trailer	184	6,089	7,235	323	158	270	191	230	146	93	74	91	15,084
Total	14,327	19,809	26,868	20,806	23,357	30,881	32,121	31,065	26,364	18,019	11,539	12,563	267,719
Average Daily Traffic (ADT)	462	707	867	694	753	1029	1036	1002	879	581	385	405	AADT:733



Highway 5, Kilometre 1

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	1	1	1	2	6	16	17	21	21	17	6	3	112
Car, Van, Light Truck, SUV	3,267	3,414	4,413	7,236	12,428	13,230	11,750	13,711	14,227	11,795	8,210	3,208	106,889
Light Truck w/ Trailer, Mobile Equipment	2,960	3,147	3,978	5,289	10,597	8,301	7,184	7,637	7,893	6,942	7,239	2,888	74,055
Straight Truck, Bus, Motorhome, Mobile Equipment	1,051	1,422	1,353	1,314	2,798	5,907	6,151	7,031	7,575	6,607	3,972	1,999	47,180
Tractor Trailer	211	417	264	266	1,219	2,121	1,647	2,037	1,842	2,005	552	301	12,882
Total	7,490	8,401	10,009	14,107	27,048	29,575	26,749	30,437	31,558	27,366	19,979	8,399	241,118
Average Daily Traffic (ADT)	242	300	323	470	873	986	863	982	1052	883	666	271	AADT:661

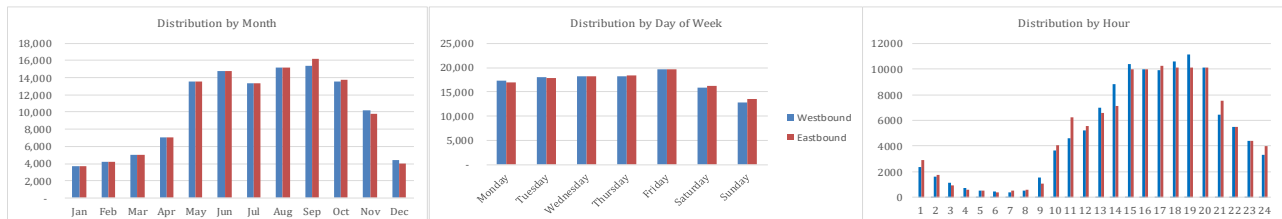
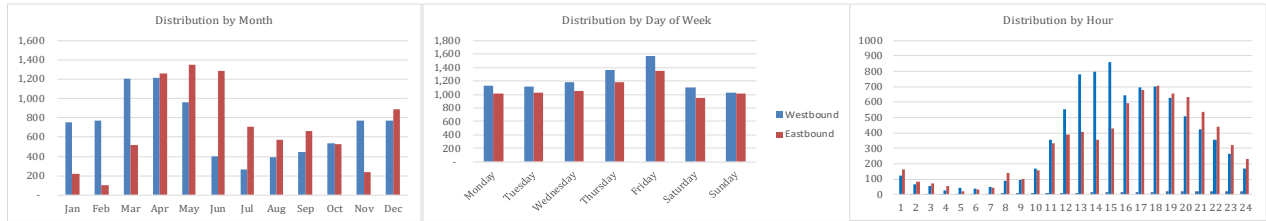


Figure 2.13 Traffic Characteristics at Permanent Counters

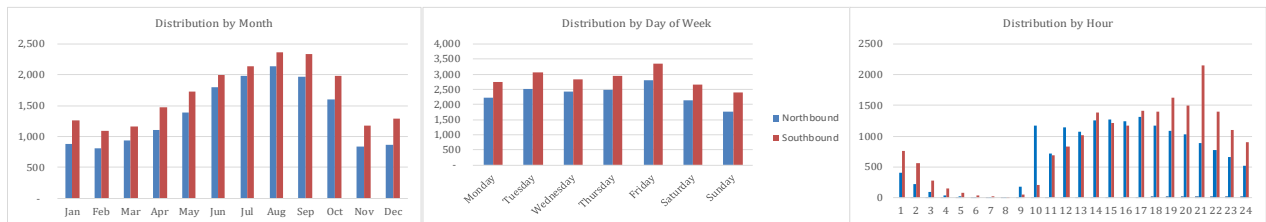
Highway 5, Kilometre 62

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	1	1	2	4	7	9	5	4	4	4	3	2	46
Car, Van, Light Truck, SUV	271	214	591	1,209	1,315	1,131	587	481	587	464	416	345	7,611
Light Truck w/ Trailer, Mobile Equipment	229	201	433	477	270	98	55	59	72	83	139	157	2,273
Straight Truck, Bus, Motorhome, Mobile Equipment	377	366	576	657	597	322	231	251	307	362	345	316	4,707
Tractor Trailer	88	95	121	128	120	127	99	170	141	155	104	71	1,419
Total	966	877	1,723	2,475	2,309	1,687	977	965	1,111	1,068	1,007	891	16,056
Average Daily Traffic (ADT)	31	31	56	83	74	56	32	31	37	34	34	29	AADT:44



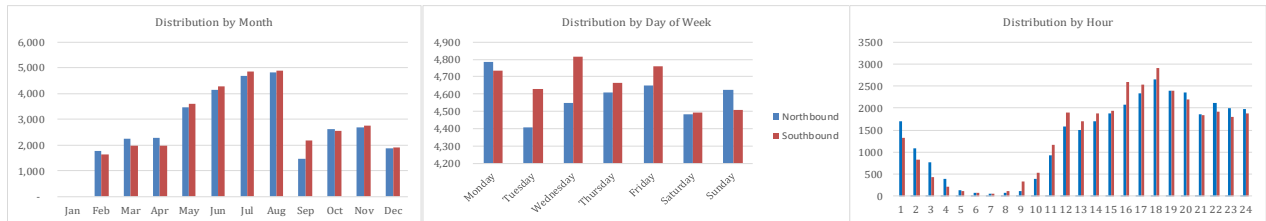
Highway 7, Kilometre 37

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	-	-	-	-	1	1	1	1	1	1	-	-	6
Car, Van, Light Truck, SUV	625	523	634	1,173	1,431	1,503	1,542	1,566	1,410	1,321	903	858	13,489
Light Truck w/ Trailer, Mobile Equipment	996	921	993	1,002	1,149	1,531	1,757	1,888	1,802	1,476	659	794	14,968
Straight Truck, Bus, Motorhome, Mobile Equipment	460	433	419	360	497	650	668	877	750	636	397	411	6,558
Tractor Trailer	60	31	47	45	34	112	145	167	348	138	62	91	1,280
Total	2,141	1,908	2,093	2,580	3,112	3,797	4,113	4,499	4,311	3,572	2,021	2,154	36,301
Average Daily Traffic (ADT)	69	68	68	86	100	127	133	145	144	115	67	69	AADT:99



Highway 8, Kilometre 84

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	-	2	2	3	6	8	12	11	19	5	4	3	75
Car, Van, Light Truck, SUV	-	1,400	1,549	1,581	2,607	2,909	3,586	3,677	2,183	2,041	2,431	1,761	25,725
Light Truck w/ Trailer, Mobile Equipment	-	1,333	1,550	1,421	2,703	2,736	2,662	2,846	143	1,639	1,981	1,361	20,375
Straight Truck, Bus, Motorhome, Mobile Equipment	-	465	780	893	1,541	2,244	2,769	2,780	730	1,061	955	600	14,818
Tractor Trailer	-	214	318	360	219	543	524	384	600	403	89	74	3,728
Total	-	3,414	4,199	4,258	7,076	8,440	9,553	9,698	3,675	5,149	5,460	3,799	64,721
Average Daily Traffic (ADT)	no data	137	135	142	228	281	308	313	123	166	182	123	AADT:196



Highway 8, Kilometre 260

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	9	9	7	2	2	7	5	5	5	9	14	23	97
Car, Van, Light Truck, SUV	8,156	8,328	11,617	13,870	15,797	18,002	18,344	18,946	16,759	14,569	12,476	12,394	169,258
Light Truck w/ Trailer, Mobile Equipment	6,193	5,937	7,822	7,890	8,352	8,015	9,166	8,885	8,058	8,653	7,691	6,580	93,242
Straight Truck, Bus, Motorhome, Mobile Equipment	1,460	1,365	1,700	1,519	1,523	3,003	5,278	4,907	4,620	3,148	2,889	2,680	34,092
Tractor Trailer	344	410	468	511	167	450	1,253	974	1,599	606	207	209	7,198
Total	16,162	16,049	21,614	23,792	25,841	29,477	34,046	33,717	31,041	26,985	23,277	21,886	303,887
Average Daily Traffic (ADT)	521	573	697	793	834	983	1098	1088	1035	870	776	706	AADT:833

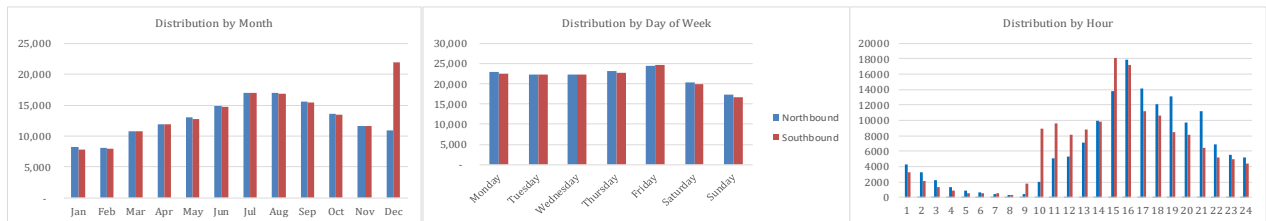
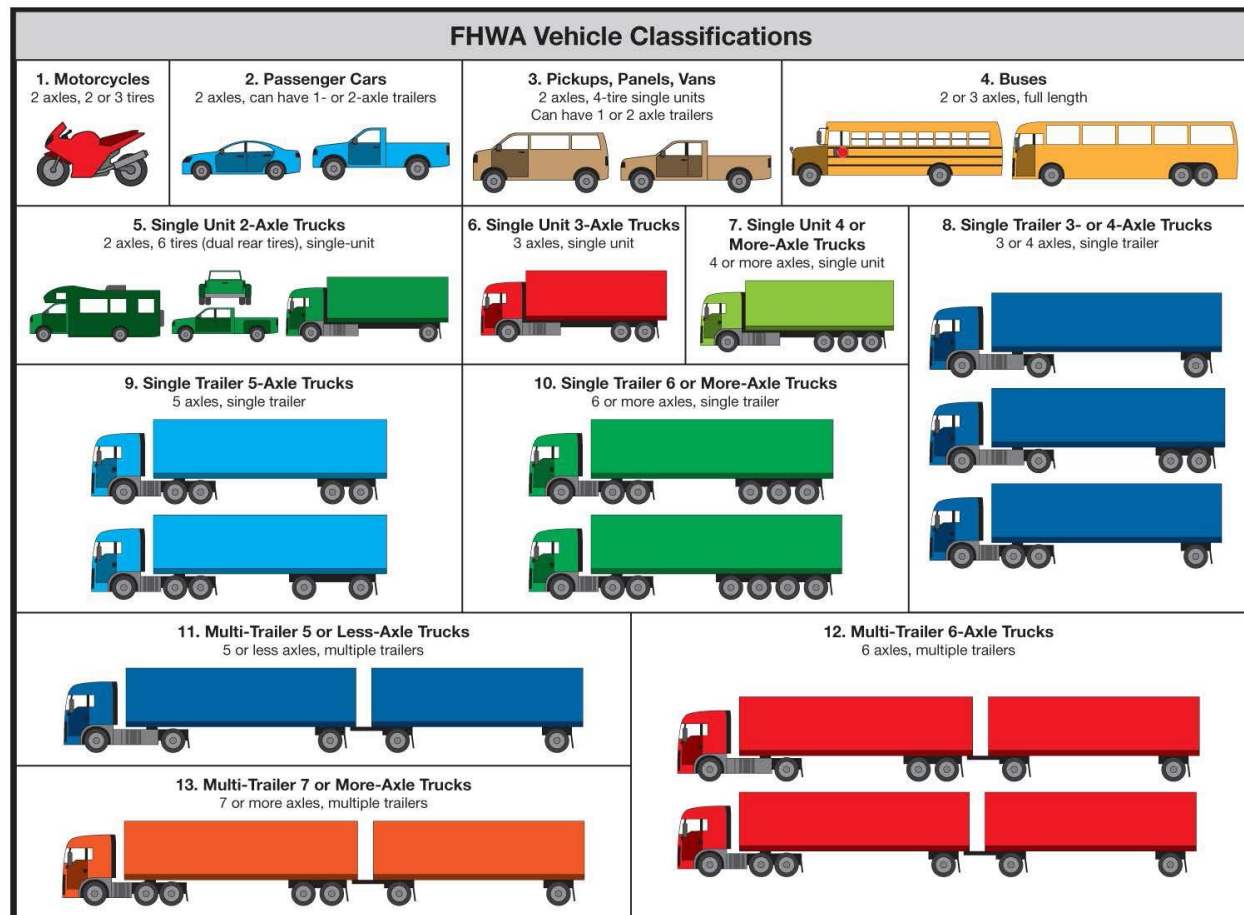
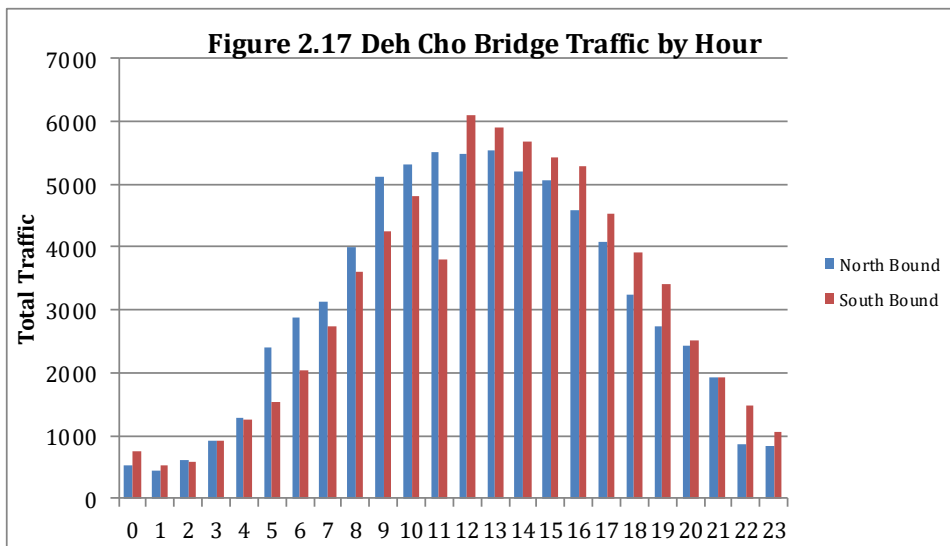
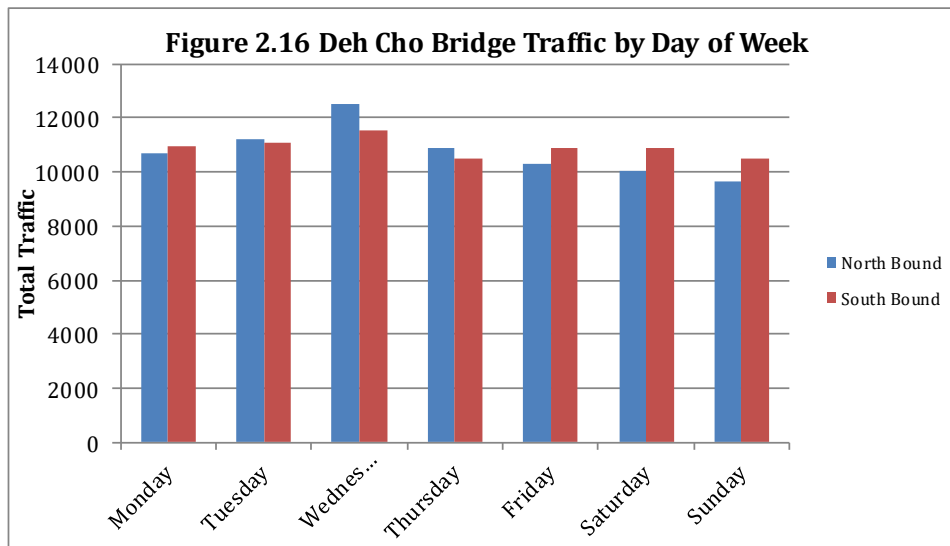
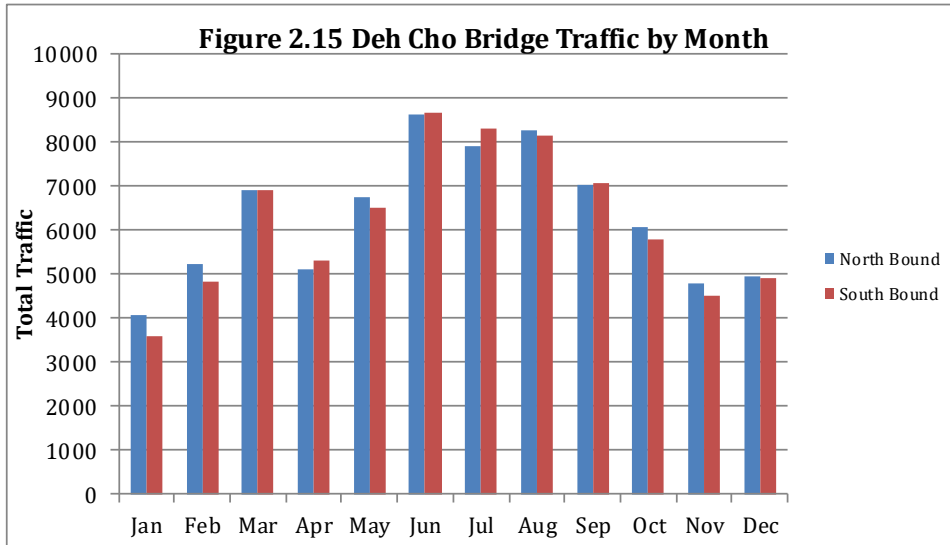


Figure 2.14 Deh Cho Bridge Traffic by Month and Federal Highway Administration (FHWA) Vehicle Class

FHWA Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0	0	1	2	17	20	16	7	6	6	1	1	77
2	381	530	524	417	641	609	728	591	549	788	1,059	665	7,482
3	2,456	3,179	4,054	3,985	5,324	6,094	6,888	6,899	5,703	5,289	3,576	4,022	57,469
4	27	23	29	27	34	37	18	14	13	9	2	3	236
5	2,363	2,353	4,097	4,163	5,398	8,560	6,483	6,690	5,334	3,307	2,170	2,663	53,581
6	174	218	204	131	202	175	204	164	181	161	185	195	2,194
7	4	9	21	2	4	5	6	8	4	3	8	7	81
8	30	20	29	6	8	10	6	9	7	24	37	19	205
9	492	570	661	488	554	515	536	580	572	550	492	503	6,513
10	376	560	1,242	385	405	441	432	513	532	442	365	307	6,000
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1,343	2,617	2,965	824	687	846	887	939	1,201	1,293	1,408	1,495	16,505
Total	7,646	10,079	13,827	10,430	13,274	17,312	16,204	16,414	14,102	11,872	9,303	9,880	150,343
ADT	247	360	446	348	428	577	523	529	470	383	310	319	AADT: 412





3.0: Vehicle Movements at Ferries and Weigh Scales

Figure 3.1 Average Daily Traffic on Highway Ferries

Ferry Crossing	Location	Ferry	Vehicle Type	Year											
				2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Liard River	Highway 1, near Fort Simpson	M.V. Lafferty	Commercial Vehicles	21	19	16	15	28	17	17	23	20	21	37	36
			Light Vehicles	91	91	88	90	117	90	97	108	91	91	128	92
			Trailers Towed	9	7	6	9	10	10	9	10	8	9	17	9
			Total	121	118	110	113	156	117	123	140	119	121	182	138
Mackenzie River	Highway 8, near Tsiigehtchic	M.V. Louis Cardinal	Commercial Vehicles	34	16	18	24	24	17	19	18	18	10	25	20
			Light Vehicles	122	97	89	108	136	115	108	93	99	95	106	116
			Trailers Towed	7	2	3	17	18	8	6	6	5	4	8	7
			Total	163	115	110	149	178	140	133	117	122	109	140	142
Peel River	Highway 8, near Fort McPherson	C.F. Abraham Francis	Commercial Vehicles	21	14	13	20	22	20	22	24	15	20	30	45
			Light Vehicles	86	64	51	107	84	84	75	81	79	91	87	105
			Trailers Towed	10	2	1	14	9	5	8	8	11	5	7	7
			Total	116	80	65	140	115	109	106	113	105	116	124	157
Mackenzie River	Highway 1, near Camsell Bend	M.V. Johnny Berens	Commercial Vehicles	4	2	2	2	2	2	2	3	2	7	15	44
			Light Vehicles	17	15	16	17	18	20	19	22	19	15	4	9
			Trailers Towed	1	1	1	1	1	2	1	1	1	2	1	2
			Total	23	18	19	20	22	23	23	26	22	23	21	55

Figure 3.2
Average Daily Traffic on Highway Ferries

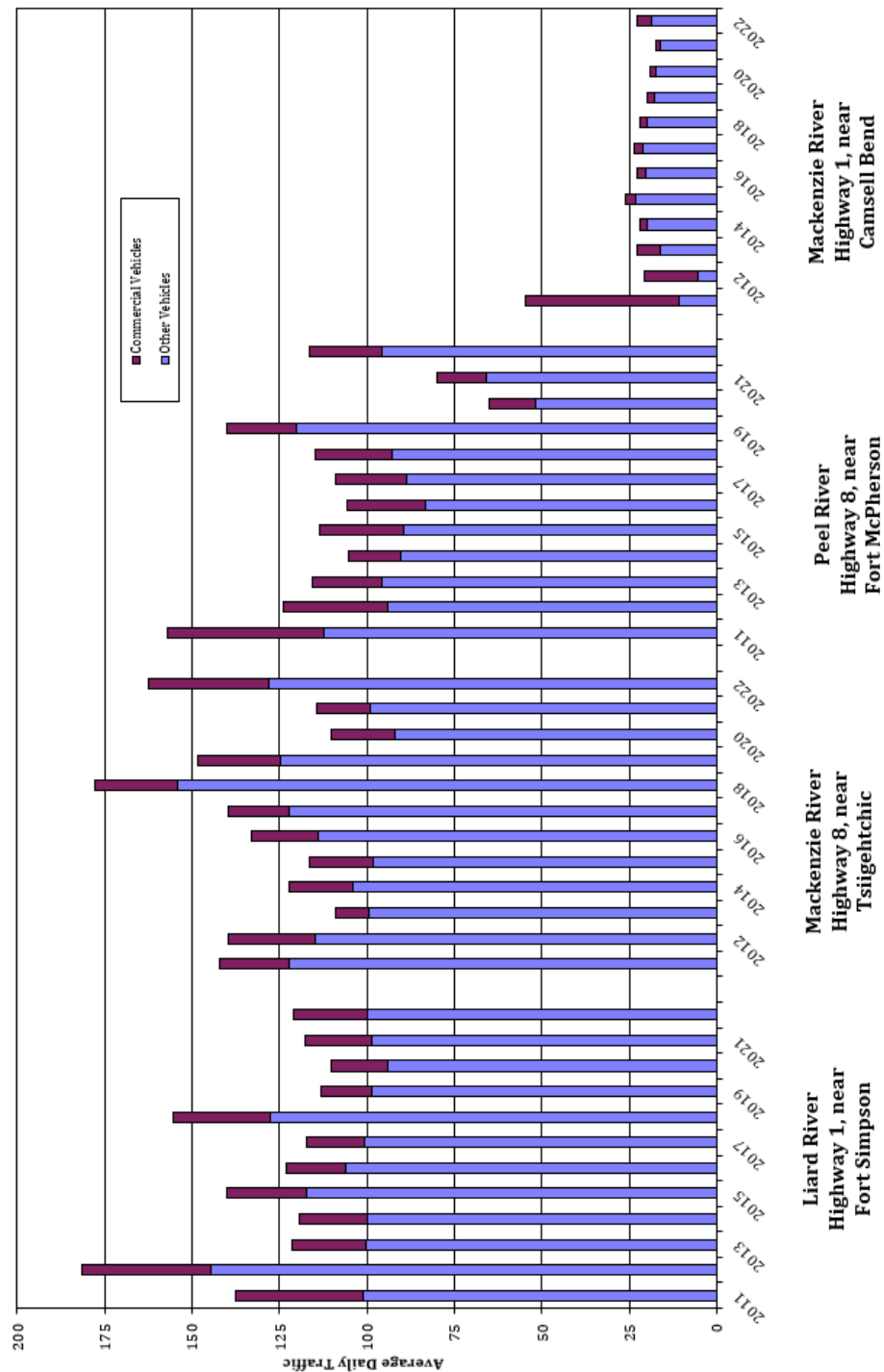


Figure 3.3 Vehicle Classification Data at Liard River Ferry (Highway 1 near Fort Simpson, M.V. Lafferty)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
17-May-22	1-Nov-22											
	May-22	1,296	86	85.03	6.79	3.86	2.31	0.15	0.00	1.85	8.18	2,222
	Jun-22	3,334	111	76.30	8.01	5.25	8.22	0.06	0.03	2.13	15.69	5,778
	Jul-22	4,040	130	70.50	8.74	6.16	12.10	0.42	0.10	1.98	20.77	6,607
	Aug-22	4,813	155	70.93	7.25	7.92	12.18	0.21	0.04	1.48	21.82	8,213
	Sep-22	3,688	123	76.30	7.27	4.93	9.79	0.43	0.05	1.22	16.43	6,054
	Oct-22	3,004	97	80.99	5.83	5.16	5.73	0.03	0.03	2.23	13.18	4,848
18-May-21	3-Nov-21											
	Nov-22	152	152	92.76	1.32	3.29	2.63	0.00	0.00	0.00	5.92	238
	Total	20,327	121	75.25	7.39	5.89	9.43	0.24	0.05	1.76	17.36	33,960
	May-21	1,401	100	87.65	5.14	3.07	2.78	0.00	0.07	1.28	7.21	2,560
	Jun-21	3,521	117	80.77	5.51	5.08	6.05	0.03	0.00	2.56	13.72	5,902
	Jul-21	3,817	123	74.22	6.24	3.96	14.23	0.05	0.21	1.10	19.54	6,420
	Aug-21	3,867	125	71.55	6.08	3.93	17.69	0.03	0.05	0.67	22.37	6,447
12-May-20	1-Nov-20											
	Sep-21	3,473	116	78.95	7.14	4.89	8.03	0.12	0.00	0.86	13.91	5,946
	Oct-21	3,422	110	80.22	5.82	5.20	7.92	0.12	0.00	0.73	13.97	5,341
	Nov-21	363	121	81.27	4.13	6.06	6.89	0.00	0.00	1.65	14.60	545
	Total	19,864	118	77.80	6.05	4.51	10.34	0.06	0.06	1.19	16.15	33,161
	May-20	1,911	96	87.18	5.76	2.56	3.19	0.10	0.00	1.20	7.06	3,445
	Jun-20	2,503	83	82.46	5.75	4.79	5.11	0.08	0.00	1.80	11.79	4,432
15-May-19	3-Nov-19											
	Jul-20	3,630	117	75.73	5.40	3.91	12.81	0.06	0.00	2.09	18.87	6,246
	Aug-20	3,670	118	78.26	5.53	4.22	10.71	0.11	0.05	1.12	16.21	6,348
	Sep-20	4,034	134	79.35	5.78	4.78	8.13	0.05	0.00	1.91	14.87	6,652
	Oct-20	3,329	107	79.81	5.44	6.16	6.91	0.00	0.00	1.68	14.75	5,240
	Nov-20	25	25	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47
	Total	19,102	110	79.75	5.59	4.52	8.40	0.06	0.01	1.66	14.66	32,410
11-May-18	3-Nov-19											
	29-Oct-18											
	Total	19,468	113	79.45	7.57	4.26	6.84	0.07	0.13	1.67	12.98	36,770
	Total	26,603	156	75.50	6.63	7.52	8.36	0.29	0.38	1.33	17.87	53,567
	Total	20,086	117	76.93	8.93	4.23	7.54	0.49	0.07	1.81	14.14	37,777
	Total	21,678	123	78.67	7.55	4.41	7.45	0.23	0.08	1.62	13.77	39,861
	Total	25,229	140	76.95	6.85	5.24	7.63	0.29	0.82	2.23	16.21	44,906
9-May-17	1-Nov-16											
	5-Nov-15											
	4-Nov-14											
	8-Nov-13											
	26-Oct-12											
	3-Nov-11											
	8-Nov-10											
16-May-08	3-Nov-09											
	4-Nov-09											
	3-Nov-08											
	Total	21,016	121	75.17	7.33	5.72	9.18	0.36	0.07	2.18	17.51	39,113
	Total	29,959	182	70.46	9.20	3.25	14.41	0.30	0.25	2.13	20.34	54,407
	Total	23,938	138	67.05	6.46	16.58	7.77	0.30	0.13	1.72	26.49	43,016
	Total	21,402	118	76.75	6.52	4.27	9.98	0.29	0.21	1.99	16.74	41,124
10-May-10	4-Nov-09											
	3-Nov-08											
	Total	21,318	123	77.77	6.65	3.62	9.18	0.80	0.20	1.79	15.58	40,876
	Total	18,744	110	75.61	6.27	3.53	12.07	0.22	0.19	2.10	18.12	34,601

Figure 3.4 Vehicle Classification Data at Mackenzie River Ferry (Highway 8 near Tsiigehtchic, M.V. Louis Cardinal)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
7-Jun-22	31-Oct-22											
	Jun-22	3,838	160	68.66	4.53	1.51	10.34	0.42	5.05	9.48	26.81	7,184
	Jul-22	6,368	205	76.62	5.75	1.16	8.34	0.02	0.22	7.90	17.64	14,520
	Aug-22	6,460	208	67.65	3.65	2.60	21.52	0.17	0.20	4.21	28.70	14,231
	Sep-22	3,946	132	85.48	2.89	3.09	6.97	0.20	0.13	1.24	11.63	9,069
	Oct-22	3,129	101	79.45	3.04	2.46	13.07	0.29	0.26	1.44	17.51	7,118
	Total	23,741	163	74.74	4.15	2.10	12.64	0.19	0.99	5.19	21.12	52,122
9-Jun-21	5-Nov-21											
	Jun-21	2,668	121	86.58	1.54	1.12	7.46	1.31	0.00	1.99	11.88	6,873
	Jul-21	3,678	119	83.90	1.33	4.35	7.91	0.24	0.22	2.04	14.76	9,312
	Aug-21	3,922	127	85.42	2.19	3.82	6.71	0.08	0.00	1.78	12.39	10,178
	Sep-21	3,177	106	87.00	1.64	1.57	8.34	0.28	0.03	1.13	11.36	7,921
	Oct-21	3,209	104	80.80	1.65	2.84	12.34	0.12	0.03	2.21	17.54	7,287
	Nov-21	415	83	84.82	0.96	3.13	6.27	0.00	0.00	4.82	14.22	1,009
	Total	17,069	115	84.69	1.67	2.89	8.44	0.35	0.06	1.90	13.64	42,580
3-Jun-20	29-Oct-20											
	Jun-20	2,219	79	84.32	2.25	2.88	6.53	1.22	0.32	2.48	13.43	2,396
	Jul-20	3,269	105	80.82	3.36	4.50	7.07	2.17	0.34	1.74	15.82	8,797
	Aug-20	4,138	133	88.13	1.59	2.08	5.85	1.21	0.17	0.97	10.27	9,994
	Sep-20	3,702	123	76.50	2.73	6.51	9.97	2.59	0.05	1.65	20.77	9,105
	Oct-20	2,985	103	75.08	1.44	2.78	14.87	4.42	0.03	1.37	23.48	6,519
	Total	16,313	110	81.12	2.27	3.81	8.77	2.30	0.17	1.56	16.61	36,811
28-May-19	2-Nov-19											
	2-Nov-18											
	4-Nov-17											
	7-Dec-16											
	15-Dec-15											
	5-Dec-14											
	7-Dec-13											
	29-Oct-12											
	31-Oct-11											
	28-Oct-10											
	25-Oct-09											
	23-Oct-08											
	Total	23,463	149	72.51	11.38	3.25	5.26	1.31	0.23	6.06	16.11	59,654
	Total	28,296	178	76.59	10.07	2.30	4.42	1.17	0.28	5.18	13.34	65,960
	Total	21,400	140	81.91	5.58	1.48	4.74	2.02	0.41	3.86	12.50	43,330
	Total	25,531	133	81.44	4.16	1.52	8.02	2.15	0.29	2.41	14.39	40,883
	Total	22,979	117	79.36	4.86	1.80	7.75	2.21	0.23	3.79	15.78	38,138
	Total	22,858	122	81.00	4.20	1.53	7.17	2.38	0.14	3.58	14.80	32,523
	Total	20,198	109	87.28	3.99	2.09	3.08	0.41	0.00	3.15	8.73	35,095
	Total	20,660	140	76.15	5.96	5.33	7.71	0.11	0.41	4.33	17.88	36,382
	Total	21,304	142	81.50	4.63	1.69	9.82	0.11	0.10	2.15	13.87	38,688
	Total	24,266	157	69.19	5.52	4.37	17.21	0.19	0.15	3.38	25.29	42,975
	Total	21,001	146	74.96	6.69	4.64	10.57	0.34	0.06	2.73	18.35	40,431
	Total	22,479	154	79.49	4.96	4.65	8.57	0.18	0.09	2.06	15.55	41,298

Figure 3.5 Vehicle Classification Data at Peel River Ferry (Highway 8 near Fort McPherson, C.F. Abraham Francis)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Percent of Total			Other	Total Commercial	Number of Passengers
							Truck Semi Trailer	Over size	Bus			
10-Jun-22	3-Nov-22	2,564	122	62.40	13.42	1.40	8.11	0.08	0.43	14.16	24.18	4,482
	Jul-22	5,541	179	75.53	8.86	0.60	5.63	0.02	0.14	9.22	15.61	12,385
	Aug-22	4,417	142	76.52	8.60	0.63	5.09	0.00	0.18	8.97	14.87	9,125
	Sep-22	2,813	94	80.02	6.58	1.35	8.53	0.14	0.14	3.23	13.40	5,227
	Oct-22	1,543	50	64.87	2.72	2.66	23.20	0.71	0.26	5.57	32.40	2,476
	Nov-22	103	34	83.50	5.83	1.94	4.85	0.00	0.00	3.88	10.68	183
	Total	16,981	116	73.63	8.53	1.05	7.94	0.11	0.21	8.54	17.84	33,878
3-Jun-21	8-Nov-21	1,934	69	67.74	6.57	2.53	13.96	0.05	0.16	9.00	25.70	3,641
	Jul-21	2,743	88	83.67	1.86	1.02	11.30	0.22	0.00	1.93	14.47	5,669
	Aug-21	3,499	113	87.14	2.06	1.03	7.86	0.00	0.11	1.80	10.80	7,458
	Sep-21	2,276	76	79.53	1.41	1.85	14.24	0.26	0.00	2.72	19.07	4,204
	Oct-21	1,931	62	72.29	2.18	0.98	21.03	0.00	0.05	3.47	25.53	3,158
	Nov-21	253	32	81.82	2.77	2.37	9.88	0.00	0.00	3.16	15.42	443
	Total	12,636	80	79.67	2.62	1.42	12.74	0.10	0.06	3.38	17.71	24,573
3-Jun-20	2-Nov-20	1,836	66	83.55	2.07	3.54	7.14	1.09	0.16	2.45	14.38	4,625
	Jul-20	1,522	49	73.59	2.10	3.09	17.81	0.00	0.07	3.35	24.31	2,601
	Aug-20	2,570	83	82.45	1.95	0.62	12.72	0.08	0.08	2.10	15.60	5,306
	Sep-20	2,283	76	76.13	3.20	0.48	18.79	0.00	0.09	1.31	20.67	4,386
	Oct-20	1,596	51	69.30	1.63	1.13	25.69	0.00	0.00	2.26	29.07	2,761
	Nov-20	81	41	86.42	4.94	3.70	0.00	0.00	0.00	4.94	8.64	104
	Total	9,888	65	77.74	2.26	1.62	15.86	0.22	0.08	2.22	20.00	19,783
2-Jun-19	18-Oct-19	19,354	140	76.00	9.77	0.61	7.21	0.09	0.25	6.07	14.23	38,464
	7-Nov-18	18,112	115	73.40	7.77	1.64	9.24	0.15	0.29	7.51	18.82	34,247
	9-Nov-17	16,800	109	76.90	4.45	1.68	14.43	0.07	0.18	2.28	18.65	31,175
	2-Dec-16	19,331	106	70.77	7.98	1.54	15.09	0.11	0.14	4.36	21.25	37,159
	8-Dec-15	21,326	113	71.83	7.00	1.58	14.39	0.14	0.08	4.99	21.18	41,205
	1-Dec-14	19,515	105	75.13	10.41	1.05	9.07	0.62	0.49	3.23	14.46	34,461
8-Jun-13	13-Dec-13	21,738	116	78.59	4.28	1.63	13.49	0.40	0.10	1.52	17.13	33,591
	31-Oct-12	18,613	124	69.84	6.01	1.99	18.66	0.18	0.27	3.04	24.15	39,456
	7-Nov-11	24,974	157	66.93	4.69	1.76	24.12	0.14	0.10	2.26	28.39	47,157
	31-Oct-10	22,912	151	66.38	5.84	2.51	21.18	0.21	0.16	3.73	27.78	44,624
	5-Nov-09	18,839	120	73.69	5.62	3.03	13.03	0.20	0.19	4.25	20.69	40,127
	27-Oct-08	15,005	97	71.38	5.80	1.93	14.78	0.35	0.25	5.50	22.82	29,214

**Figure 3.6 Vehicle Classification Data at Mackenzie River Ferry (Highway 1, road to Wrigley, near Camself Bend
M.V. Johnny Berens)**

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
28-May-22	1-Nov-22											
	May-22	87	22	82.76	5.75	6.90	1.15	0.00	0.00	3.45	11.49	158
	Jun-22	546	18	80.04	5.49	6.96	2.20	0.00	0.00	5.31	14.47	1,135
	Jul-22	871	28	73.25	7.23	4.25	11.02	0.00	0.69	3.56	19.52	1,623
	Aug-22	690	22	72.17	4.64	4.25	15.22	0.00	0.00	3.33	23.19	1,451
	Sep-22	740	25	72.03	7.70	5.27	13.92	0.00	0.00	1.08	20.27	1,496
	Oct-22	636	21	83.33	4.09	6.60	3.77	0.00	0.00	2.20	12.58	1,436
	Nov-22	31	31	90.32	3.23	6.45	0.00	0.00	0.00	0.00	6.45	72
	Total	3,601	23	75.98	5.94	5.44	9.47	0.00	0.17	3.00	18.08	7,371
30-May-21	6-Nov-21											
	May-21	33	17	90.91	3.03	6.06	0.00	0.00	0.00	0.00	6.06	72
	Jun-21	574	19	83.97	5.75	6.79	0.52	0.00	0.00	2.96	10.28	1,164
	Jul-21	530	17	84.34	7.92	2.83	1.51	0.00	0.00	3.40	7.74	1,212
	Aug-21	602	19	81.40	6.31	2.99	6.98	0.00	0.66	1.66	12.29	1,211
	Sep-21	505	17	85.35	5.15	2.38	4.55	0.00	0.00	2.57	9.50	1,125
	Oct-21	483	16	89.23	4.76	1.86	2.90	0.00	0.00	1.24	6.00	1,016
	Nov-21	97	16	90.72	0.00	7.22	2.06	0.00	0.00	0.00	9.28	226
	Total	2,824	18	84.95	5.77	3.61	3.26	0.00	0.14	2.27	9.28	6,026
31-May-20	25-Oct-20											
	May-20	16	16	93.75	6.25	0.00	0.00	0.00	0.00	0.00	0.00	36
	Jun-20	464	15	88.58	4.74	1.94	0.43	0.00	0.00	4.31	6.68	946
	Jul-20	619	20	79.48	5.01	2.26	9.53	0.00	0.00	3.72	15.51	1,243
	Aug-20	543	18	86.19	6.45	1.66	2.03	0.00	0.74	2.95	7.37	1,170
	Sep-20	630	21	86.35	9.05	1.59	1.27	0.00	0.00	1.75	4.60	1,350
	Oct-20	546	22	84.25	7.69	3.48	3.11	0.00	0.00	1.47	8.06	1,146
	Total	2,818	19	84.81	6.67	2.16	3.44	0.00	0.14	2.77	8.52	5,891
14-May-19	26-Oct-19											
	Total	3,262	20	85.25	4.72	4.29	3.80	0.06	0.09	1.78	10.02	6,743
25-May-18	29-Oct-18											
	Total	3,488	22	83.08	6.16	5.85	3.50	0.06	0.00	1.35	10.75	7,304
27-May-17	5-Nov-17											
	Total	3,803	23	83.12	6.42	3.76	4.65	0.11	0.00	1.95	10.47	7,817
18-May-16	1-Nov-16											
	Total	3,811	23	84.33	4.93	3.46	3.18	0.39	0.05	3.65	10.73	7,893
17-May-15	4-Nov-15											
	Total	4,489	26	83.25	5.21	4.52	4.43	0.07	0.00	2.52	11.54	8,412
22-May-14	5-Nov-14											
	Total	3,704	22	83.96	5.32	3.27	3.83	0.73	0.11	2.78	10.72	6,836
24-May-13	8-Nov-13											
	Total	3,837	23	64.37	6.96	15.98	7.27	3.65	0.52	1.25	28.67	6,400
24-May-12	28-Oct-12											
	Total	3,252	21	20.11	6.95	54.77	8.27	6.15	0.00	3.75	72.94	7,165
20-May-11	2-Nov-11											
	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											
	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											
	Total	3,177	19	23.92	5.35	59.87	2.99	3.43	0.03	4.41	70.73	6,614

Figure 3.7
Commercial Vehicles Weighed
at the Enterprise Weigh Scale

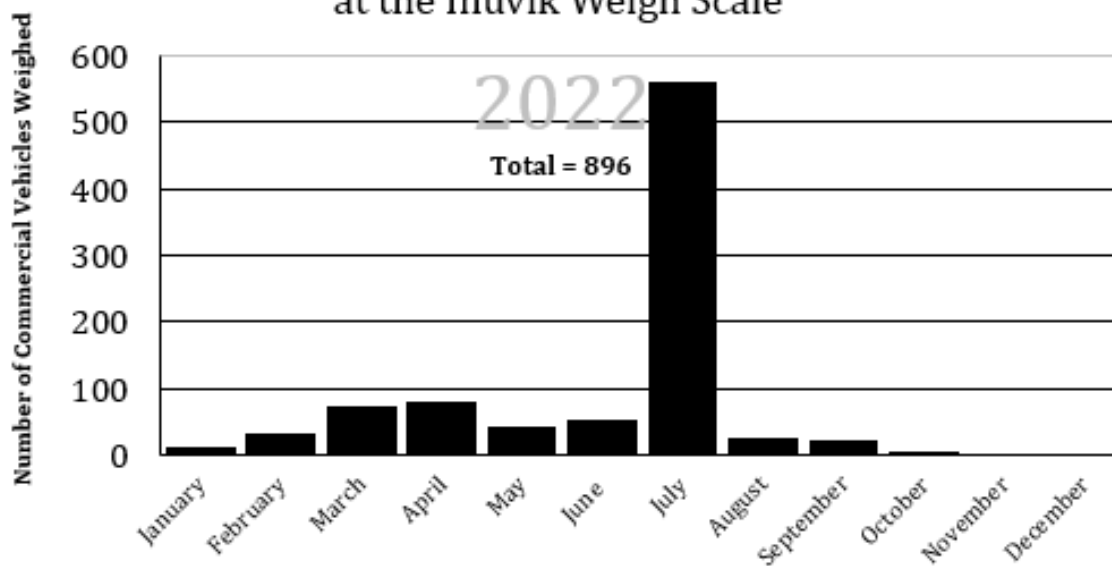


Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2022	466	381	390	331	421	488	347	254	98	206	345	198	3,925
2021	227	590	241	109	358	274	303	200	251	273	186	147	3,159
2020	334	324	205	0	0	64	2	0	0	449	207	276	1,861
2019	161	221	146	77	51	58	88	143	40	144	154	85	1,368
2018	301	349	431	115	149	128	107	173	119	54	122	92	2,140
2017	163	144	201	91	166	125	90	41	89	82	227	177	1,596
2016	718	1,404	755	371	186	232	102	263	475	276	388	650	5,820
2015	844	602	842	304	257	217	310	360	464	536	620	400	5,756
2014	838	553	774	280	219	263	268	158	101	368	372	340	4,534
2013	452	430	581	496	392	418	716	683	422	558	693	608	6,449
2012	1,033	1,003	918	512	312	365	682	708	753	455	734	160	7,635
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

Note: (1) A commercial vehicle is any vehicle with a GVW over 4500 kg.

Figure 3.8
Commercial Vehicles Weighed
at the Inuvik Weigh Scale



Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2022	12	31	71	79	43	51	560	25	22	2	0	0	896
2021	9	97	139	142	58	20	121	104	22	59	20	0	791
2020	176	209	152	0	0	137	165	192	156	67	40	51	1,345
2019	158	188	169	179	48	214	219	306	231	79	44	66	1,901
2018	190	196	181	192	44	263	245	302	238	112	35	48	2,046
2017	169	190	193	168	59	216	181	178	196	96	52	52	1,750
2016	130	136	158	177	55	109	148	166	145	100	87	59	1,470
2015	211	181	231	231	132	122	223	222	191	207	119	84	2,154
2014	208	175	239	231	132	116	209	237	197	207	105	76	2,132
2013	179	184	191	170	68	170	201	231	196	125	70	63	1,848
2012	228	234	243	216	86	216	255	294	249	159	88	80	2,348
2011	277	284	295	263	105	262	310	357	302	193	107	97	2,852
2010	206	212	220	196	78	195	231	266	225	144	80	72	2,125

Note: (1) A commercial vehicle is any vehicle with a GVW over 4500 kg.

Figure 3.9
Overweight Permits Issued

2022													
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	1	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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
On-Line	40	58	115	54	72	33	67	88	61	48	51	26	713
Total	40	58	115	54	72	33	67	88	62	48	51	26	714
2021													
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	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
On-Line	30	68	108	48	27	41	50	28	25	43	49	27	544
Total	30	68	108	48	27	41	50	28	25	43	49	27	544
2020													
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	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
On-Line	2	4	22	28	26	34	37	40	44	46	42	41	366
Total	2	4	22	28	26	34	37	40	44	46	42	41	366
2019													
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	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
On-Line	33	53	112	24	47	51	43	75	70	34	24	12	578
Total	33	53	112	24	47	51	43	75	70	34	24	12	578
2018													
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	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
On-Line	60	114	185	0	51	76	47	52	71	56	34	37	783
Total	60	114	185	0	51	76	47	52	71	56	34	37	783
2017													
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	0	0	0	12	1	0	0	0	1	0	0	0	14
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
On-Line	104	113	173	41	20	19	37	68	45	53	54	37	764
Total	104	113	173	53	21	19	37	68	46	53	54	37	778

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 3.10
Over-dimension Permits Issued

2022													
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	1	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	0	0	0	1
On-Line	92	154	242	84	91	112	130	114	110	108	93	75	1,405
Total	92	154	242	85	91	112	130	114	111	108	93	75	1,407
2021													
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	1	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	0	0	1	0	0	0	0	0	3
On-Line	118	142	277	70	78	125	132	93	81	72	71	57	1,316
Total	118	142	277	72	78	125	133	93	81	72	71	58	1,320
2020													
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	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	1	0	0	0	0	1
On-Line	18	43	96	94	84	112	119	130	142	150	136	133	1,257
Total	18	43	96	94	84	112	119	131	142	150	136	133	1,258
2019													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	1	0	0	0	0	0	0	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	0	0	0	0	0	0	1
On-Line	107	165	286	72	96	80	105	120	177	86	50	51	1,395
Total	108	165	287	72	96	80	105	120	177	86	50	51	1,397
2018													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	1	0	0	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	0	1
On-Line	115	355	521	0	115	185	112	140	149	121	58	72	1,943
Total	115	355	521	0	115	186	113	140	149	121	58	72	1,945
2017													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	1	0	0	0	0	0	0	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	0	1	1	25	3	1	0	0	5	2	0	1	39
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
On-Line	179	239	491	107	70	108	131	153	119	106	84	58	1,845
Total	179	240	493	132	73	109	131	153	124	108	84	59	1,885

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 3.11
Registration Permits Issued (non-NWT Carriers)

2022													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	1	0	0	0	1	1	0	0	0	0	0	3
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	3	3	9	0	0	1	1	3	3	0	0	24
On-Line	487	527	472	329	336	365	483	464	486	375	303	344	4,971
Total	488	531	475	338	336	366	485	465	489	378	303	344	4,998
2021													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	1	0	0	0	0	1	1	3
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	2	5	5	1	2	0	0	0	0	17
On-Line	470	752	575	147	264	417	394	423	366	353	252	256	4,669
Total	470	752	577	149	269	423	395	425	366	353	253	257	4,689
2020													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	4	0	1	3	0	2	0	0	1	0	0	11
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	4	0	0	0	0	0	7	0	10	1	1	24
On-Line	612	576	458	187	209	300	311	332	327	307	280	250	4,149
Total	613	584	458	188	212	300	313	339	327	318	281	251	4,184
2019													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	2	0	2	0	2	0	1	0	0	1	1	0	9
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	2	0	0	0	6	1	7	0	0	0	0	18
On-Line	686	627	457	327	327	304	445	208	445	382	320	290	4,818
Total	690	629	459	327	329	310	447	215	445	383	321	290	4,845
2018													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	13	0	0	0	0	0	1	0	0	0	14
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	16	7	0	0	0	0	0	0	0	0	0	0	23
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	1	1	0	0	0	0	0	0	0	0	2
On-Line	671	1,162	875	605	399	464	455	466	511	445	350	236	6,639
Total	687	1,169	889	606	399	464	455	466	512	445	350	236	6,678
2017													
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	2	2
24/7 Permitting Centre	9	6	10	20	20	17	24	31	43	16	11	12	219
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
On-Line	692	679	657	300	305	398	421	399	405	353	339	378	5,326
Total	701	685	667	320	325	415	445	430	448	369	350	392	5,547

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 3.12
Fuel Tax Permits Issued

2022													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	1	2	0	0	0	0	4	2	3	0	14
On-Line	650	1,001	1,323	582	520	575	698	867	919	737	587	668	9,127
Total	650	1,003	1,324	584	520	575	698	868	923	739	590	668	9,142
2021													
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	1	1	4
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	1	8	1	2	2	0	0	0	0	0	15
On-Line	746	1,181	1,137	521	385	614	600	663	646	651	421	441	8,006
Total	746	1,182	1,138	529	388	616	602	663	646	651	422	442	8,025
2020													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	4	0	1	1	0	1	0	0	1	0	0	8
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	1	0	1
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	4	0	1	0	0	0	4	0	1	1	2	13
On-Line	810	1,067	1,032	321	290	410	453	477	536	543	456	477	6,872
Total	810	1,075	1,032	323	291	410	454	481	536	545	458	479	6,894
2019													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	1	0	2	0	0	0	0	0	1	0	4
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	0	2	0	0	0	1	4
On-Line	774	1,236	1,026	503	383	564	661	739	651	571	466	455	8,029
Total	775	1,236	1,027	503	385	564	661	741	651	571	467	456	8,037
2018													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	1	0	0	0	0	1	2
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	1	0	0	2
On-Line	872	1,307	1,661	0	530	756	754	853	892	862	589	505	9,581
Total	872	1,307	1,661	0	530	757	755	853	892	863	589	506	9,585
2017													
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	0	1	2	118	15	13	1	5	27	4	8	3	197
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
On-Line	865	1,193	1,415	434	583	614	720	681	640	615	500	668	8,928
Total	865	1,194	1,417	552	598	627	721	686	667	619	508	671	9,125

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 3.13 Vehicle Classification at the Enterprise Weigh Scale

Unit Type	2022												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Pickup >4500 kg	9	7	6	4	12	20	24	18	4	13	12	5	134	3.41
Straight Truck	44	32	26	50	72	54	65	19	9	19	35	18	443	11.29
Tractor Semi Trailer	163	131	207	148	230	304	153	110	51	86	131	74	1,788	45.55
A Train	15	5	2	19	17	8	12	12	1	7	6	1	105	2.68
B Train	5	14	5	55	30	29	7	6	1	3	15	0	170	4.33
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Extended Length Tra	222	187	138	54	56	70	83	88	29	74	145	89	1,235	31.46
Pole Truck	6	4	2	0	0	0	0	0	1	1	0	9	23	0.59
Special Configuration	2	1	4	1	4	2	0	1	1	1	1	2	20	0.51
Bus	0	0	0	0	0	1	3	0	1	2	0	0	7	0.18
Total	466	381	390	331	421	488	347	254	98	206	345	198	3,925	100.00

Unit Type	2021												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Pickup >4500 kg	12	15	1	6	5	11	7	4	12	11	3	6	93	2.94
Straight Truck	23	44	26	13	42	47	30	15	35	36	22	11	344	10.89
Tractor Semi Trailer	93	204	86	46	163	124	152	95	142	134	98	61	1,398	44.25
A Train	5	7	6	2	9	1	13	3	5	10	2	3	66	2.09
B Train	8	28	3	1	2	4	4	2	4	0	2	1	59	1.87
C Train	1	0	1	0	0	0	0	0	0	0	0	0	2	0.06
Extended Length Tra	80	279	112	39	134	87	95	81	52	82	59	64	1,164	36.85
Pole Truck	5	10	2	1	0	0	0	0	0	0	0	1	19	0.60
Special Configuration	0	3	4	1	3	0	2	0	1	0	0	0	14	0.44
Bus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	227	590	241	109	358	274	303	200	251	273	186	147	3,159	100.00

Unit Type	2020												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Pickup >450 kg	7	13	7	0	0	0	1	0	0	11	5	4	48	2.58
Straight Truck	19	16	12	0	0	12	0	0	0	60	30	39	188	10.10
Tractor Semi Trailer	117	117	78	0	0	52	1	0	0	191	78	127	761	40.89
A Train	11	9	12	0	0	0	0	0	0	6	2	8	48	2.58
B Train	7	12	2	0	0	0	0	0	0	7	6	6	40	2.15
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Extended Length Tra	161	138	85	0	0	0	0	0	0	171	84	89	728	39.12
Pole Truck	12	9	1	0	0	0	0	0	0	0	1	3	26	1.40
Special Configuration	0	7	7	0	0	0	0	0	0	3	1	0	18	0.97
Bus	0	3	1	0	0	0	0	0	0	0	0	0	4	0.21
Total	334	324	205	0	0	64	2	0	0	449	207	276	1,861	100.00

Unit Type	2019												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	12	10	7	7	7	11	15	24	2	13	10	5	123	8.99
Tandem	5	1	1	1	0	2	3	3	3	1	0	1	21	1.54
4-Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5 Axle	89	104	81	53	31	40	48	86	22	91	98	41	784	57.31
6 Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
A Train	0	0	0	0	0	1	0	0	2	0	0	0	3	0.22
B Train	6	16	8	0	0	0	0	1	0	3	5	1	40	2.92
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Super B	49	90	49	16	13	4	22	29	11	36	41	37	397	29.02
Logging Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	161	221	146	77	51	58	88	143	40	144	154	85	1,368	100.00

Unit Type	2018												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	3	5	2	2	5	3	2	5	1	0	0	4	32	1.50
Tandem	6	19	13	9	9	8	10	10	11	4	8	4	111	5.19
4-Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5 Axle	154	183	214	84	107	99	67	124	81	21	54	48	1,236	57.76
6 Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
A Train	0	0	0	0	1	0	0	0	0	0	0	0	1	0.05
B Train	3	2	3	0	1	1	0	3	0	1	0	1	15	0.70
C Train	1	3	5	0	0	0	0	0	0	0	0	0	9	0.42
Super B	134	137	194	20	26	17	28	31	26	28	60	35	736	34.39
Logging Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	301	349	431	115	149	128	107	173	119	54	122	92	2,140	100.00

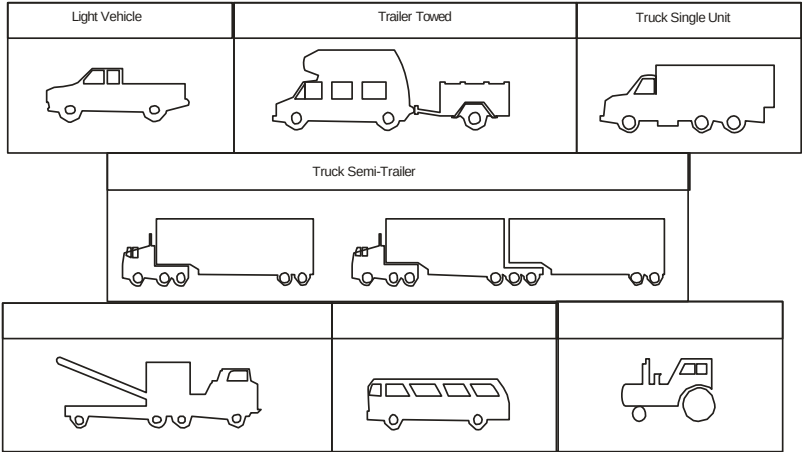
Unit Type	2017												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	9	2	3	12	13	11	5	3	7	6	22	9	102	6.39
Tandem	4	0	5	3	9	1	3	1	1	0	1	2	30	1.88
4-Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5 Axle	83	94	123	56	115	75	54	26	53	58	127	82	946	59.27
6 Axle	3	2	6	3	0	3	0	3	1	0	0	0	21	1.32
A Train	0	0	0	1	0	0	2	0	0	0	0	0	3	0.19
B Train	0	1	0	0	1	0	0	0	0	0	1	0	3	0.19
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Super B	64	45	64	16	28	35	26	8	27	18	76	84	491	30.76
Logging Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	163	144	201	91	166	125	90	41	89	82	227	177	1,596	100.00

Figure 3.14 Vehicle Classification at the Inuvik Weigh Scale

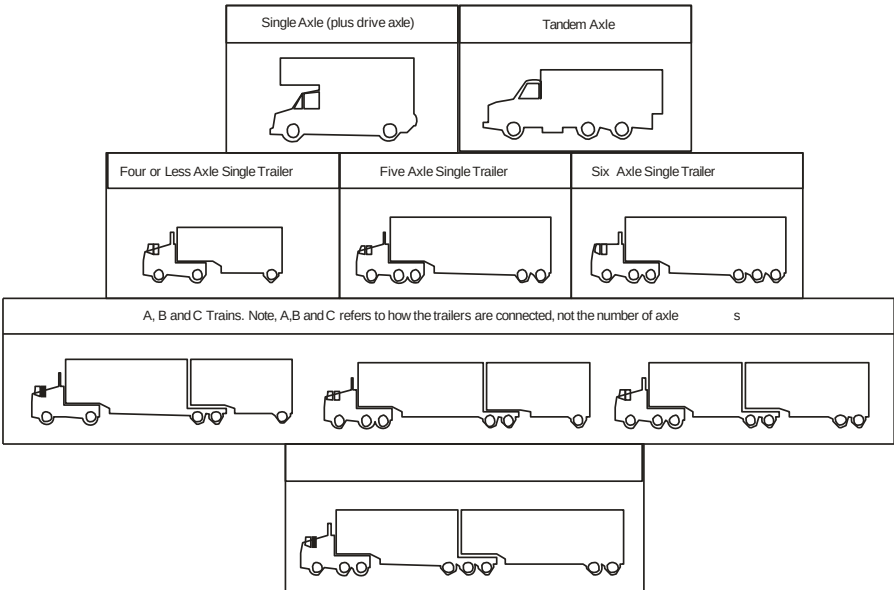
Unit Type	2022												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Pickup >4500 kg	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Straight Truck	2	10	32	29	23	27	99	8	0	0	0	0	230	25.67
Tractor Semi Trailer	7	19	38	46	17	24	460	16	22	2	0	0	651	72.66
A Train	0	0	0	1	0	0	0	0	0	0	0	0	1	0.11
B Train	0	0	0	2	0	0	0	0	0	0	0	0	2	0.22
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Extended Length Tra	3	2	1	1	1	0	1	1	0	0	0	0	10	1.12
Pole Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Special Configuration	0	0	0	0	2	0	0	0	0	0	0	0	2	0.22
Bus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	12	31	71	79	43	51	560	25	22	2	0	0	896	100.00
Unit Type	2021												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Pickup >4500 kg	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Straight Truck	3	37	66	62	48	8	74	40	10	13	0	0	361	45.64
Tractor Semi Trailer	6	57	61	78	10	12	45	58	10	46	20	0	403	50.95
A Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
B Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Extended Length Tra	0	3	12	2	0	0	2	6	2	0	0	0	27	0.00
Pole Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Special Configuration	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Bus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	9	97	139	142	58	20	121	104	22	59	20	0	791	96.59
Unit Type	2020												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
2-3 Axle	42	38	25	0	0	46	51	53	49	12	12	15	343	25.50
5 Axle	35	67	23	0	0	51	61	49	39	18	19	21	383	28.48
6 Axle	48	42	36	0	0	24	35	45	33	37	9	15	324	24.09
7 Axle	12	33	31	0	0	9	7	20	16	0	0	0	128	9.52
8 Axle	39	29	37	0	0	7	11	25	19	0	0	0	167	12.42
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	176	209	152	0	0	137	165	192	156	67	40	51	1,345	100.00
Unit Type	2019												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
2-3 Axle	35	42	36	25	16	88	72	101	81	24	26	32	578	30.41
5 Axle	58	52	42	39	14	65	79	96	35	22	7	16	525	27.62
6 Axle	32	39	38	51	18	39	42	56	54	25	11	18	423	22.25
7 Axle	9	29	24	32	0	11	9	25	26	4	0	0	169	8.89
8 Axle	24	26	29	32	0	11	17	28	35	4	0	0	206	10.84
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	158	188	169	179	48	214	219	306	231	79	44	66	1,901	100.00
Unit Type	2018												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
2-3 Axle	42	51	47	35	17	91	90	98	67	35	18	21	612	29.91
5 Axle	62	49	35	43	11	93	76	82	46	34	8	16	555	27.13
6 Axle	37	46	49	52	16	54	49	62	52	31	9	11	468	22.87
7 Axle	11	19	23	28	0	9	12	31	35	6	0	0	174	8.50
8 Axle	38	31	27	34	0	16	18	29	38	6	0	0	237	11.58
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	190	196	181	192	44	263	245	302	238	112	35	48	2,046	100.00
Unit Type	2017												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
2-3 Axle	35	57	62	42	20	80	52	47	56	33	21	22	527	30.11
5 Axle	57	45	45	39	15	45	49	32	20	29	10	14	400	22.86
6 Axle	40	32	31	40	24	57	45	47	67	16	21	16	436	24.91
7 Axle	15	21	25	16	0	11	15	22	19	8	0	0	152	8.69
8 Axle	22	35	30	31	0	23	20	30	34	10	0	0	235	13.43
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total	169	190	193	168	59	216	181	178	196	96	52	52	1,750	100.00

Figure 3.15 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.

Appendix A: Historical Data

The Department has been actively collecting data since 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 for the past ten years 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.

Appendix B: Data Processing Methodology (Continued)

- 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 analyzed 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 on kth day of the year;

N = number of days in a year (365 or 366);

VOL_{ijm} = daily volume for ith occurrence of the jth day of week within the mth month;

i = occurrence of day j in month m for which traffic data are available; and

j = day of week (1 to 7).

Step Three

- Calculated AADT numbers are compared against previous years' values, other sources of traffic information such as ferry logs and Tibbitt to Contwoyto Winter Road Joint Venture season summary statistics, 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 Policy, Planning and Communications Division of the Department of Infrastructure.

If you would like this information in another official language, call us.

English

Si vous voulez ces informations dans une autre langue officielle, contactez-nous.

French

Kīspin ki nitawihitīn ē nīhīyawihk ōma ācimōwin, tipwāsinān.

Cree

Tłıchq yatı k'èè. Dı wegodi newq dè, gots'o gonede.

Tłıchq

ʔerihł'is Dēne Sųłiné yatı t'a huts'elkēr xa beyáyatı theʔą ʔat'e, nuwe ts'ēn yółtı.

Chipewyan

Edı gondı dehgáh got'je zhatié k'ée edatł'éh enahddhę nıde naxets'é edahłı.

South Slavey

K'áhshó got'jne xədə k'é hederı ʔedłhtł'é yerıniwę nıde dúle.

North Slavey

Jii gwandak izhii ginjik vat'atr'ijáhch'uu zhit yinothtan jıl', diits'at ginohkhii.

Gwich'in

Uvanittuaq ilitchurisukupku Inuvialuktun, ququaqluta.

Inuvialuktun

Ć'đǀ ǀǀǀᑲΔᑦ ǀǀǀǀǀǀᑦ Δᑲᑲǀǀᑦᑲǀǀǀǀᑲ, ǀǀᑦǀᑦᑲᑦ ǀǀᑦᑲᑦᑲᑦᑲᑦᑲᑦ.

Inuktitut

Hapkua titiqqat pijumagupkit Inuinnaqtun, uvaptinnut hivajarlutit.

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