



Government of / Gouvernement des
Northwest Territories
Territoires du Nord-Ouest

NWT Highway Traffic Report

Rapport sur la circulation routière aux TNO

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



2024

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 2024. 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 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 2024. 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 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 2024.

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 2024, approximately 85 % 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 (2024)

	Length (kilometres)					
	Paved	Dust-controlled gravel	Untreated Gravel	Ferry Crossing	Winter Road	Total
All-Weather Highways						
Highway 1 (Mackenzie Highway to Wrigley)	330.0	357.5		2.5		690.0
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	2,264.2
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		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
Whatì Access		12.3				12.3
Miscellaneous Minor Access	3.2	8.5	74.1			85.8
Total	63.0	27.5	124.3	0.0	1.0	215.8
Winter Roads						
Mackenzie Valley Winter Road (Wrigley to Fort Good Hope)					472.4	472.4
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
Wekweètì 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	1,385.0	1,385.0
Total All-Weather Roads						2,480.0
Total Winter Roads (Department of Infrastructure)						1,385.0

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
1-468	Highway 1	468	3 km east of Fort Simpson Access 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
3-34	Highway 3	34	0.1 km north of Fort Providence Access Road
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
3-332	Highway 3	332	1 km west of Deh Cho Boulevard
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 Déline 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-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
tlwr	Sambaa 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 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.

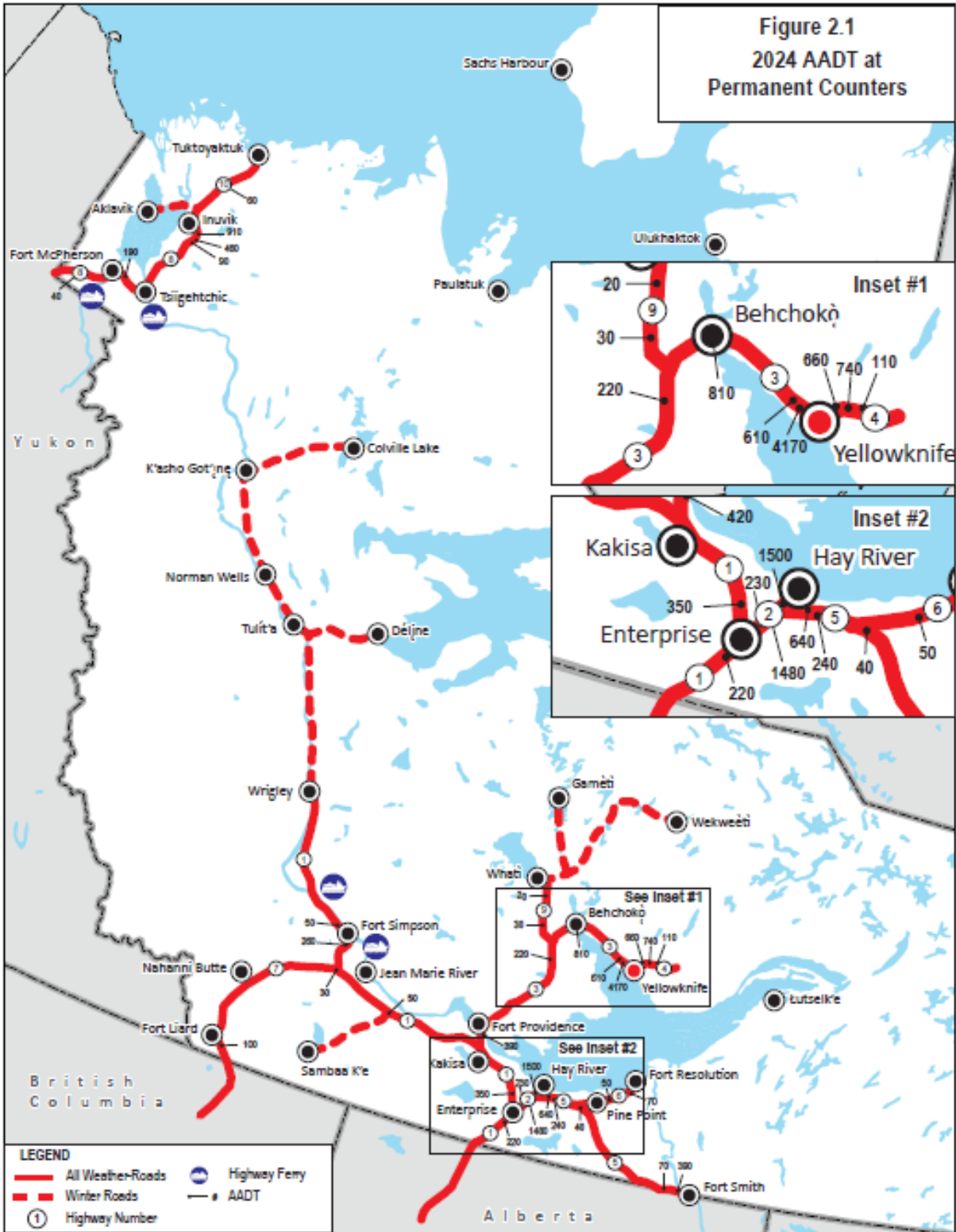
1.5 Layout Report

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



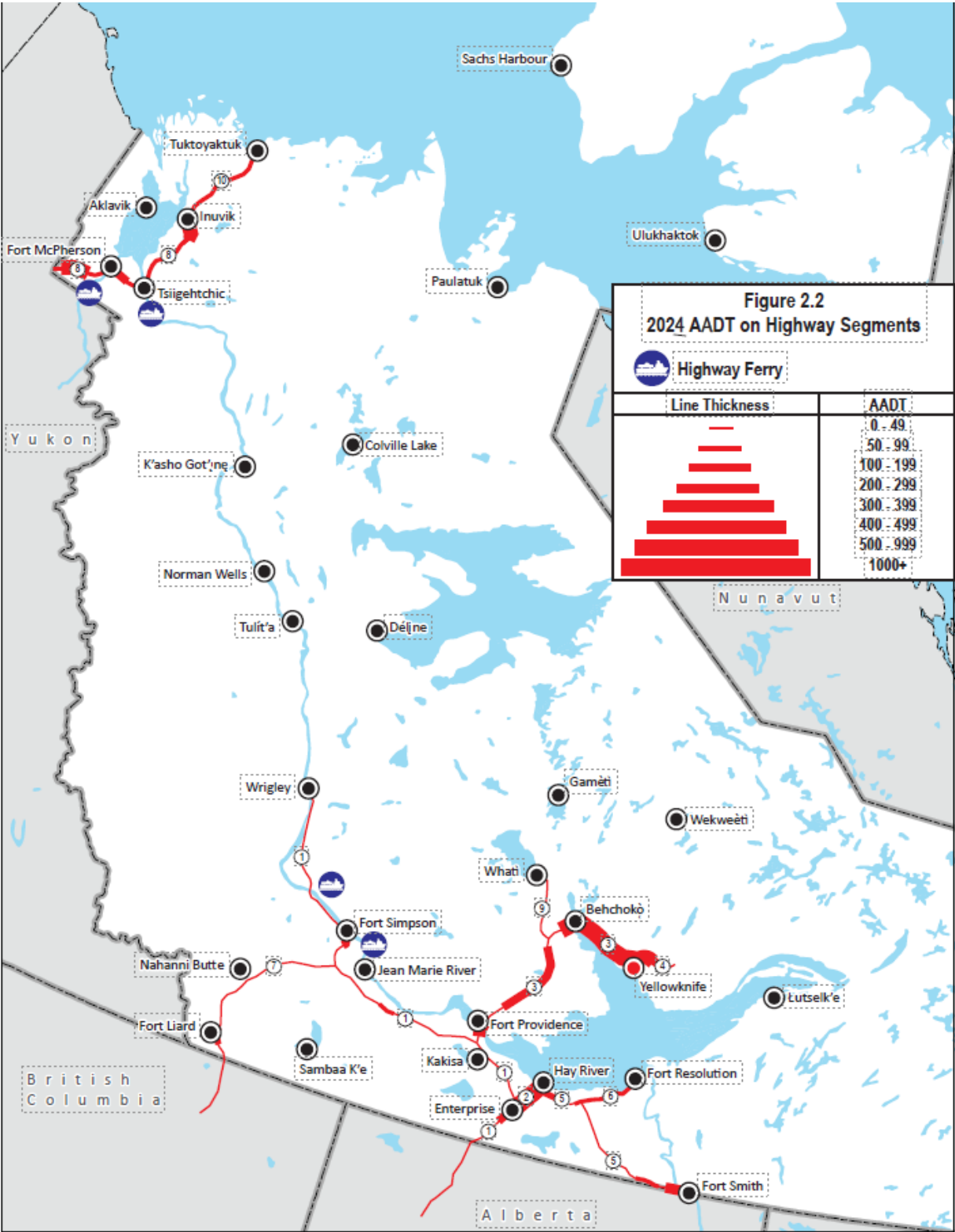


Figure 2.3 Estimated Traffic on Northwest Territories Highways

Highway	Kilometre Counter ID	Description	Average Annual Daily Traffic (AADT)										Peak Summer Average Daily Traffic (PSADT)										
			2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	
1	58	1-58	15 km south of Alexandra Falls	220	250	220	160	210	460	470	470	460	450	270	360	270	190	170	**	630	640	620	590
1	85	1-85	1.2 km west of Enterprise	350	330	310	210	360	530	540	540	530	520	490	460	440	230	**	**	750	740	730	690
1	322	1-322	0.4 km west of Sambaa K'e Winter Road	50	50	60	60	60	60	50	60	60	70	60	70	60	80	70	70	80	70	80	90
1	468	1-468	3 km east of Fort Simpson Access on Highway 1	260	280	290	260	230	250	280	130	130	150	290	320	360	260	250	220	420	170	170	200
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1	50	60	60	60	60	50	60	80	80	90	50	50	70	60	60	60	70	110	110	120
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens	230	170	260	350	310	720	730	730	720	690	340	250	330	390	310	**	970	980	960	920
2	32	2-32	40 metres north of Highway 2 & 5 intersection	1480	1390	1560	1060	610	1890	1930	1930	1890	1820	1910	1680	2050	910	740	**	2560	2560	2510	2420
2	42	2-42	North of West Channel across bridge	1500	2830	2290	1200	1600	2350	2400	2400	2360	2260	1900	3320	2140	1120	1990	**	3200	3190	3130	3020
3	26	3-26	1 km north of Deh Cho Bridge	390	420	410	390	380	390	400	400	390	380	490	530	540	490	470	480	480	490	460	460
3	175	3-175	53 km north of Chan Lake, 62 km south of Behchokq	220	220	210	200	190	210	260	380	370	360	240	240	230	230	230	520	520	510	480	
3	240	3-240	3 km south of Rae access, south of Frank's Channel	810	790	750	640	610	600	750	970	950	930	950	840	860	780	660	610	740	1330	1300	1240
3	324	3-324	21 km east of Boundry Creek	610	590	600	650	560	840	860	690	680	660	650	560	550	640	590	600	1190	790	780	740
3	338	3-338	0.8 km west of Highway 3 and 4 intersection	4170	4350	4030	4080	3710	4370	5090	6340	6230	6020	4260	5010	3970	4280	4190	4710	6000	8120	7960	8030
4	1	4-1	1 km north of Highway 3 & 4 intersection	660	600	610	660	670	690	650	630	680	640	810	700	770	850	830	830	790	700	830	790
4	10	4-10	2.5 km east of Yellowknife River Bridge	740	680	730	740	810	810	720	580	630	610	990	880	1020	970	1060	970	930	570	620	630
4	43	4-43	11 km east of Prelude Lake East Access	110	150	150	110	170	160	130	150	160	150	170	180	180	200	180	180	170	150	160	160
5	1	5-1	1 km east of Highway 2 & 5 intersection	640	570	660	590	600	680	700	720	710	680	860	690	940	840	840	**	960	960	940	910
5	19	5-19	19 km east of Highway 2 & 5 intersection	240	350	170	150	150	240	250	260	260	250	190	330	240	250	200	**	190	350	340	330
5	65	5-65	5 km south of Highway 5 & 6 intersection	40	40	40	70	70	130	130	90	90	90	40	30	40	130	90	**	90	90	90	90
5	232	5-232	25km west of Fort Smith	70	70	90	80	100	150	120	180	170	170	70	70	110	90	140	**	150	240	240	230
5	257	5-257	6.1 km west of Fort Smith	390	430	370	330	330	530	540	570	560	540	410	440	410	360	380	430	760	760	740	720
6	30	6-30	8.5 km east of Pine Point Access	50	60	80	60	60	70	70	60	60	60	50	50	90	80	**	**	30	40	40	40
6	74	6-74	16 km west of Fort Resolution	70	40	60	80	80	100	100	100	100	100	100	30	60	130	100	**	120	140	140	140
7	35	7-35	2.6 km south of Fort Liard	100	120	100	50	60	80	90	100	100	120	140	200	140	60	50	100	100	120	130	150
7	253	7-253	0.3 km south of Highway 1 & 7 intersection	30	30	30	30	20	40	50	60	60	70	40	40	30	30	30	80	70	80	80	90
8	34	8-34	10 km west of Midway Lake	40	30	30	30	40	40	50	60	60	60	70	30	40	40	40	70	80	90	80	90
8	106	8-106	4.6 km north of Fort Mcpherson Access	190	190	200	100	80	90	180	90	80	90	280	280	300	80	90	140	140	110	100	120
8	243	8-243	1 km south of Cabin Creek	90	120	90	90	90	80	150	170	160	140	130	170	120	**	120	90	210	220	210	190
8	260	8-260	0.7 km north of airport access	460	450	420	340	300	1170	1530	1450	1370	1200	580	540	540	390	330	750	1900	1910	1810	1600
8	268	8-268	1.3 km south of Inuvik	910	920	830	740	610	2030	2650	2510	2380	2090	1150	1150	1060	850	**	**	3300	3310	3150	2780
9	18	9-18	Hwy #3 to km 48.5	30	40	40								40	30	40							
9	60	9-60	km 48.5 to Whatl Access	20	20	20								20	10	30							
10	60	10-60	60 km north of Inuvik Town Limits	60	50	60	40	40	50	50				100	80	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
			1996	78	90	93	109	111	157	160	172	141	122	103	99	163
			1995									143	134	109	94	143
Paradise Gardens	2	pgr-1	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				366	375	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 Dec	Average Jan	Daily Feb	Traffic March	April	May		ADT
Aklavik	1	akl-1		2025	12-Dec-2024	2-May-2025	141	48	40	41	56	65			50
				2024	12-Jan-2024	22-Apr-2024	101		36	42	60	54			49
				2023	25-Dec-2022	9-May-2023	135	41	35	33	50	74	44		48
				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
Colville Lake	1	col-1		2025	21-Dec-2024	7-Apr-2025	107		28	35	27				30
				2024	20-Dec-2023	2-Apr-2024	104		25	22	18				22
				2023	23-Dec-2022	30-Mar-2023	97		18	20					19
				2022	16-Dec-2021	18-Apr-2022	123		22	28	31				27
				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
Déline	1	deln		2025	16-Jan-2025	7-Apr-2025	81		23	40	54				42
				2024	5-Jan-2024	2-Apr-2024	88		58	84	121				89
				2023	21-Dec-2022	30-Mar-2023	99		25	36	52				38
				2022	11-Jan-2022	18-Apr-2022	97		28	31	79				49
				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
Dettah Ice Road (Yellowknife Side)	1	dettah-1		2025	21-Dec-2024	8-Apr-2025	108	493	570	734	667	1180			677
				2024	28-Jan-2024	9-Apr-2024	72			486	653	727			592
				2023	10-Jan-2023	10-Apr-2023	90		633	580	675	926			663
				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
Dettah Ice Road (Dettah Side)	6	dettah-6		2025	21-Dec-2024	8-Apr-2025	108	166	332	422	368	652			372
				2024	28-Jan-2024	9-Apr-2024	72			249	334	372			303
				2023	10-Jan-2023	10-Apr-2023	90		290	297	393	365			335
				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
Gameti	25	gam-25		2025	7-Feb-2025	10-Apr-2025	62			33	38	40			37
				2024	22-Feb-2024	8-Apr-2024	46			30	41	33			38
				2023	27-Feb-2023	14-Apr-2023	46			43	38	33			37
				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
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		2025	23-Dec-2024	3-Apr-2025	101		49	98	96				80
				2024	20-Dec-2023	2-Apr-2024	104		29	55	60				48
				2023	23-Dec-2022	30-Mar-2023	97		30	70	52				50
				2022	15-Dec-2021	18-Apr-2022	124		34	61	79				58
				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
Highway No. 1 (Norman Wells South)	1022	1-1022		2025	23-Dec-2024	3-Apr-2025	101		65	120	110				98
				2024	20-Dec-2023	2-Apr-2024	104		75	95	113				94
				2023	23-Dec-2022	30-Mar-2023	97		81	652	613				440
				2022	15-Dec-2021	18-Apr-2022	124		61	81	99				80
				2020	23-Dec-2019	20-Mar-2020	88		128	98	42				96
				2019	20-Dec-2018	20-Mar-2019	90		98	114	40				89
				2018	16-Dec-2017	11-Apr-2018	116		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	20-Dec-2014	31-Mar-2015	101		100	108	88				98
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	2025	20-Dec-2024	7-Apr-2025	108			45	57	46		49
			2024	19-Dec-2023	2-Apr-2024	105			28	32	36		32
			2023	23-Dec-2022	30-Mar-2023	97			29	31	41		34
			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
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
Tłı̄chó	1	Tłı̄chó	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	skwr	2025	21-Dec-2024	4-Apr-2025	104			8	14	13	10	12
			2024	19-Dec-2023	2-Apr-2024	105			10	15	14	3	13
			2023	22-Dec-2022	28-Mar-2023	96			10	13	22		15
			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
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	168
			2012	10-Dec-2011	25-Apr-2012	137				111	130	330	182
			2011	22-Dec-2010	3-May-2011	132				106	190	137	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	161
			1997	20-Dec-1996	25-Apr-1997	126	30	44	61				48
Gamètì (near Highway 9)	1	gam-1	2025	7-Feb-2025	10-Apr-2025	62				47	71	84	63
			2024	22-Feb-2024	8-Apr-2024	46				41	67	74	57
			2023	27-Feb-2023	14-Apr-2023	46				46	73	98	67
			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
Wekweètì	1	wek-1	2025	14-Mar-2025	9-Apr-2025	26					73	61	70
			2024	21-Mar-2024	8-Apr-2024	18					47	53	48
			2023	20-Mar-2023	14-Apr-2023	25					46	31	41
			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

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

[illegible]

Figure 2.7 Truck Traffic on the Tibbitt to Contwoyto Winter Road

		<i>Gaiho 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>
2025	Total Tonnage	59,716	55,009	60,066	272			175,063
	Total Trucks	1,700	1,623	1,784	27			5,134
2024	Total Tonnage	61,226	64,192	78,434	2,481		93	206,426
	Total Trucks	1,927	1,952	2,452	98		4	6,433
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 (2)	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

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.

2025 season	55 days (February 4 - March 31)
2024 season	48 days (February 12 - March 31)
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)

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 2015, 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)										
			2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	
1	58	Alberta Border to Enterprise	84.2	220	250	220	160	210	460	470	470	450	6.8	7.7	6.8	4.9	6.6	14.0	14.3	14.3	14.1	13.7	
1	85	Enterprise to Junction with Hwy #3	103.4	350	330	310	210	360	530	540	540	520	13.2	12.6	11.8	8.0	13.6	20.0	20.5	20.5	20.2	19.6	
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	50	50	60	60	60	60	50	60	70	5.3	5.0	5.6	6.0	5.6	5.6	4.9	5.5	5.7	6.4	
1	468	Junction with Hwy #7 to Fort Simpson Access	14.9	260	280	290	260	230	250	280	130	150	1.4	1.5	1.6	1.4	1.2	1.4	1.5	0.7	0.8	0.7	
1	477	Fort Simpson Access to Wringley	215.7	50	60	60	60	60	50	60	80	90	4.2	4.6	4.4	4.8	4.8	4.3	4.6	6.5	6.6	7.2	
		1 Arterial	687.0										30.9	31.4	30.2	25.1	31.9	45.2	45.8	47.5	47.3	47.7	
2	10	Enterprise to Junction with Hwy #5	37.5	230	170	260	350	310	720	730	730	690	3.2	2.3	3.5	4.7	4.2	9.8	10.0	10.0	9.9	9.5	
2	32	Junction with Hwy #5 to Hay River (West Channel Bridge)	6.2	1480	1390	1560	1060	610	1890	1930	1930	1890	3.3	3.1	3.5	2.4	1.4	4.3	4.4	4.4	4.3	4.1	
2	42	1 km south Airport Access, 5 km north West Channel Bridge		1500	2830	2290	1200	1600	2350	2400	2400	2360											
		2 Arterial	43.7										6.5	5.4	7.1	7.1	5.6	14.1	14.4	14.4	14.2	13.6	
3	26	Junction with Hwy #1 to Fort Providence Access	44.1	390	420	410	390	380	390	400	400	390	380	6.3	6.7	6.6	6.3	6.1	6.2	6.4	6.5	6.3	6.1
3	175	Fort Providence Access to Edzo Access	192.4	220	220	210	200	190	210	260	380	370	360	15.1	15.1	14.7	13.8	13.6	14.5	18.5	26.5	26.1	25.4
3	240	Edzo Access to Behchoko Access	8.5	810	790	750	640	610	600	750	970	950	930	2.5	2.5	2.3	2.0	1.9	1.9	2.3	3.0	3.0	2.9
3	324	Behchoko Access to Yellowknife Access (Old Airport Road)	88.5	610	590	600	650	560	840	860	690	680	660	19.6	19.2	19.3	20.9	18.0	27.0	27.6	22.3	22.0	21.4
3	337	Old Airport Road Junction to Junction with Hwy #4	5.3	4170	4350	4030	4080	3710	4370	5090	6340	6230	6020	8.1	8.4	7.8	7.9	7.2	8.4	9.9	12.3	12.1	11.6
		3 Arterial	338.8										51.7	51.9	50.7	50.8	46.8	58.0	64.7	70.5	69.5	67.5	
4	1	Junction with Hwy #3 to Vee Lake Access	5.0	660	600	610	660	670	690	650	630	680	640	1.2	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.3	1.2
4	10	Vee Lake Access to Prelude Lake East Access	11.8	740	680	730	740	810	810	720	580	630	610	3.2	2.9	3.2	3.2	3.5	3.5	3.1	2.5	2.7	2.6
4	43	Prelude Lake East Access to Tibbitt Lake	52.4	110	150	150	110	170	160	130	150	160	150	2.1	2.8	2.9	2.1	3.2	3.1	2.6	2.8	3.0	2.9
		4 Collector	69.2										6.5	6.9	7.1	6.5	7.9	7.9	6.9	6.4	7.0	6.7	
5	1	Junction with Hwy #2 to Hay River Reserve Access	2.5	640	570	660	590	600	680	700	720	710	680	0.6	0.5	0.6	0.5	0.6	0.6	0.7	0.7	0.6	0.6
5	19	Hay River Reserve Access to Junction with Hwy #6	57.9	240	350	170	150	150	240	250	260	260	250	5.1	7.5	3.7	3.3	3.2	5.2	5.3	5.5	5.4	5.2
5	65	Junction with Hwy #6 to Salt River Village Access Road	187.8	40	40	40	70	70	130	130	90	90	90	2.7	2.5	3.0	4.7	4.5	8.6	8.8	5.9	5.9	5.9
5	232	Salt River Village Access Road to Trout Street	13.5	70	70	90	80	100	150	120	180	170	170	0.4	0.3	0.4	0.4	0.5	0.7	0.6	0.9	0.9	0.8
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	390	430	370	330	330	530	540	570	560	540	0.6	0.7	0.6	0.5	0.5	0.8	0.8	0.9	0.9	0.8
		5 Arterial	266.0										9.4	11.5	8.3	9.4	9.3	15.9	16.2	13.8	13.7	13.5	
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	50	60	80	60	60	70	70	60	60	60	1.2	1.5	2.0	1.5	1.5	1.7	1.8	1.5	1.5	1.5
6	74	Little Buffalo Village Road to Fort Resolution	21.7	70	40	60	80	80	100	100	100	100	100	0.6	0.3	0.4	0.6	0.6	0.8	0.8	0.8	0.8	0.8
		6 Collector	90.0										1.8	1.8	2.4	2.1	2.2	2.5	2.6	2.3	2.4	2.3	
7	35	BC Border to Fort Liard	37.6	100	120	100	50	60	80	90	100	100	120	1.4	1.7	1.4	0.7	0.9	1.1	1.3	1.3	1.4	1.6
7	253	Fort Liard to Junction with Hwy #1	216.5	30	30	30	30	20	40	50	60	70	70	2.1	2.3	2.1	2.1	1.9	3.1	4.0	4.7	4.9	5.5
		7 Arterial	254.1										3.5	4.0	3.4	2.9	2.8	4.2	5.3	6.0	6.3	7.1	
8	34	Yukon Border to Fort McPherson Access	85.4	40	30	30	30	40	40	50	60	60	60	1.3	0.9	0.9	0.8	1.1	1.2	1.6	1.9	1.9	1.9
8	106	Fort McPherson Access to Mackenzie River Ferry	57.2	190	190	200	100	80	90	180	90	80	90	3.9	3.9	4.1	2.0	1.7	1.9	3.7	1.8	1.7	1.8
8	243	Mackenzie River Ferry to Airport Access Road	116.7	90	120	90	90	90	80	150	170	160	140	3.8	5.0	4.0	4.0	4.0	3.4	6.3	7.4	7.0	6.1
8	260	Airport Access Road to Tuk Park Access Road	6.1	460	450	420	340	300	1170	1530	1450	1370	1200	1.0	1.0	0.9	0.8	0.7	2.6	3.4	3.2	3.1	2.7
8	268	Tuk Park Access Road to Inuvik	3.9	910	920	830	740	610	2030	2650	2510	2380	2090	1.3	1.3	1.2	1.1	0.9	2.9	3.8	3.6	3.4	3.0
		8 Arterial	269.3										11.3	12.1	11.1	8.5	8.3	12.0	18.7	17.9	17.1	15.5	
9	18	Hwy #3 to km 48.5	48.5	30	40	40								0.6	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	60	km 48.5 to Whaiti Access	48.5	20	20	20								0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		9 Collector	97.0										1.0	1.0	1.0	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	50	60	40	40	50	50				2.7	2.2	2.7	2.1	2.1	2.2	2.5	0.0	0.0	0.0
		10 Collector																					
		Total Arterial	1858.9											113.3	116.3	110.8	103.8	104.6	149.4	165.1	170.1	168.1	164.8
		Total Collector	389.8											11.9	11.9	13.3	10.8	12.2	12.6	12.0	8.8	9.4	9.0
		Total Vehicle Kilometres Travelled (millions)												125.3	128.1	124.1	114.6	116.8	162.0	177.0	178.9	177.4	173.9

Vehicle Kilometres Travelled (VKT) is a unit for measuring the amount of traffic on a road. It is calculated by multiplying the AADT by the length of the road.
i.e. (number of vehicles) (number of kilometres assumed driven) = vehicle kilometres travelled. VKT indicates usage of a road and is typically used to calculate collision rates.

Figure 2.9 Estimated Vehicle Kilometres Travelled on Northwest Territories Highways

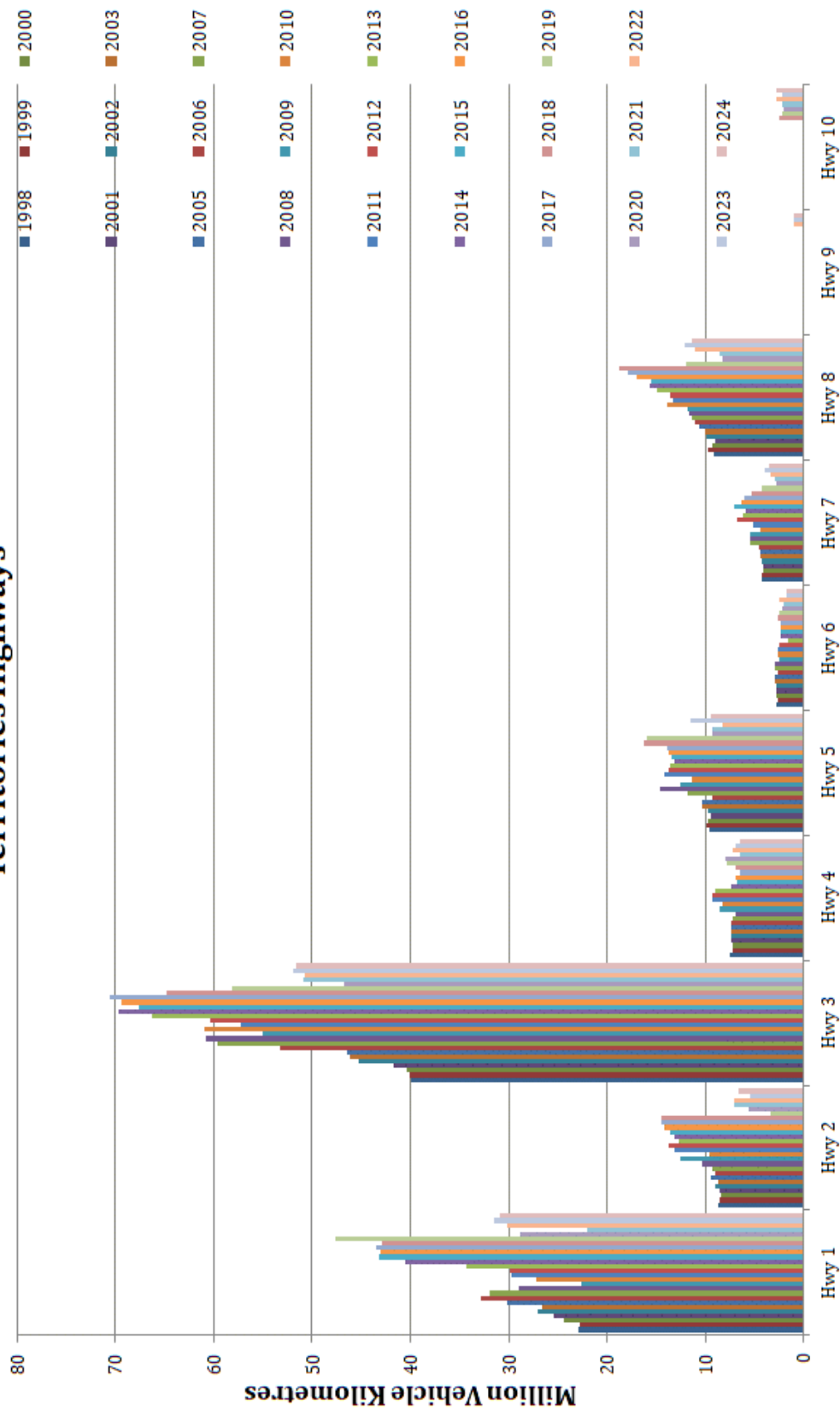
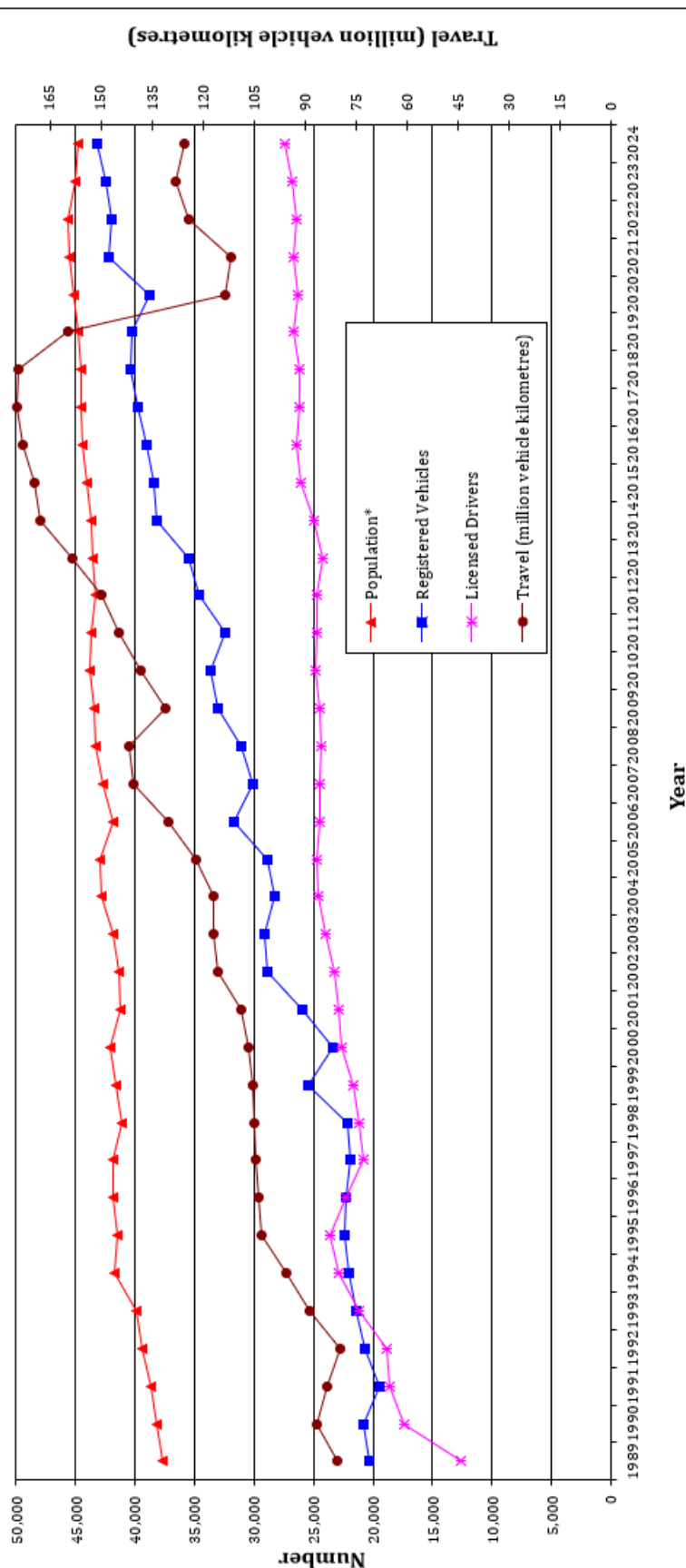


Figure 2.10 Yearly Trend in Road-Related Indicators



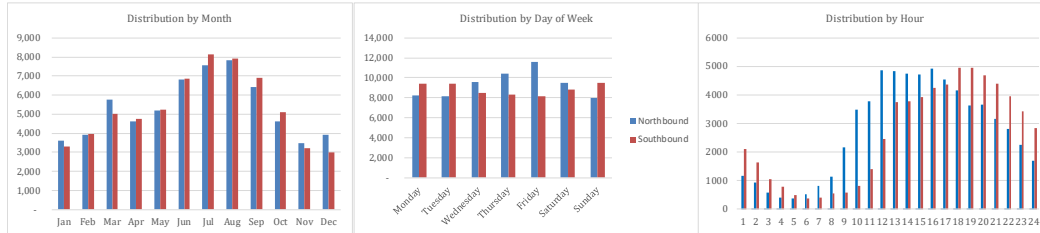
Indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Population*	43,759	43,675	43,349	43,537	43,623	44,088	44,469	44,520	44,541	44,826	45,161	45,504	45,605	44,972	44,731
Registered Vehicles	33,688	32,391	34,655	35,469	38,185	38,393	38,967	39,706	40,347	40,269	38,730	42,170	41,930	42,410	43,164
Licensed Drivers	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	26,823	27,442
Travel (million vehicle kilometres)	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	128.1	125.3

*Source: Northwest Territories Stats Bureau

Figure 2.11 Traffic Characteristics at Permanent Counters

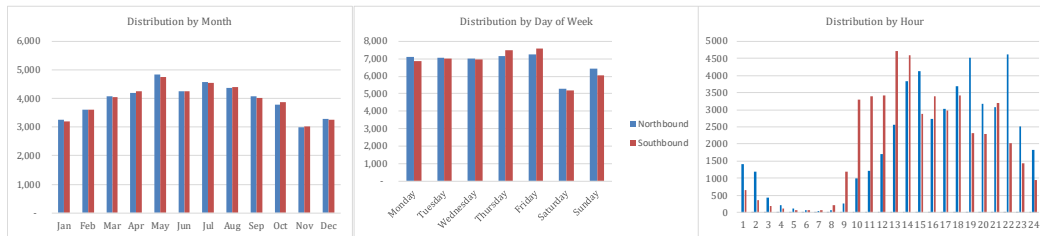
Highway 1, Kilometre 83

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	6	6	8	11	35	106	26	27	19	9	13	4	210
Car, Van, Light Truck, SUV	2,503	2,699	4,850	4,443	4,551	5,867	6,335	6,207	4,839	3,544	2,665	3,342	33,562
Light Truck w/ Trailer, Mobile Equipment	952	948	1,285	1,328	1,616	2,171	3,812	4,053	3,375	2,410	1,034	1,087	11,475
Straight Truck, Bus, Motorhome, Mobile Equipment	978	901	1,077	1,012	1,552	2,080	2,902	2,622	2,149	1,457	789	712	10,002
Tractor Trailer	2,476	3,318	3,596	2,579	2,704	3,430	2,637	2,816	2,958	2,342	2,225	1,774	23,764
Total	6,915	7,872	10,816	9,373	10,458	13,654	15,712	15,724	13,340	9,761	6,726	6,919	127,270
Average Daily Traffic (ADT)	223	271	349	312	337	455	507	507	445	315	224	223	AADT:348



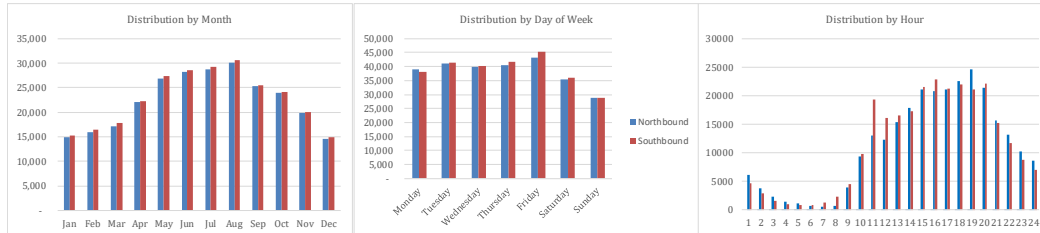
Highway 1, Kilometre 468

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	6	5	3	19	25	18	10	10	22	9	4	9	140
Car, Van, Light Truck, SUV	3,905	4,253	4,864	5,499	5,986	4,880	5,028	4,948	4,702	4,541	4,009	3,968	56,583
Light Truck w/ Trailer, Mobile Equipment	1,791	1,710	1,920	2,199	2,662	2,661	3,022	2,661	2,448	2,155	1,573	1,933	26,735
Straight Truck, Bus, Motorhome, Mobile Equipment	618	655	786	612	744	809	895	926	755	769	411	556	8,536
Tractor Trailer	146	579	549	102	171	134	149	224	185	172	24	61	2,496
Total	6,466	7,202	8,122	8,431	9,588	8,502	9,104	8,769	8,112	7,646	6,021	6,527	94,490
Average Daily Traffic (ADT)	209	248	262	281	309	283	294	283	270	247	201	211	AADT:258



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	47	38	86	99	178	301	412	294	183	132	90	35	1,895
Car, Van, Light Truck, SUV	14,506	14,746	16,621	23,258	28,091	28,975	28,003	31,891	25,725	24,948	21,703	15,554	274,021
Light Truck w/ Trailer, Mobile Equipment	10,533	11,416	11,704	13,909	16,434	17,327	17,759	18,629	15,950	14,787	12,371	9,210	170,029
Straight Truck, Bus, Motorhome, Mobile Equipment	3,718	3,954	4,667	5,511	7,307	7,756	9,135	7,978	7,037	5,993	4,442	3,669	71,167
Tractor Trailer	1,433	2,243	1,979	1,555	2,126	2,412	2,778	1,904	1,959	2,341	1,263	1,002	22,995
Total	30,237	32,397	35,057	44,332	54,136	56,771	58,087	60,696	50,854	48,201	39,869	29,470	540,107
Average Daily Traffic (ADT)	975	1,117	1,131	1,478	1,746	1,892	1,874	1,958	1,695	1,555	1,329	951	AADT:1476



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	264	302	310	134	137	216	184	159	165	140	273	363	2,647
Car, Van, Light Truck, SUV	1,685	1,819	2,294	1,422	1,478	1,811	1,728	1,739	1,807	1,547	1,585	1,722	20,637
Light Truck w/ Trailer, Mobile Equipment	121	122	156	119	115	116	110	124	137	95	109	102	1,426
Straight Truck, Bus, Motorhome, Mobile Equipment	770	857	1,022	646	761	808	832	729	861	797	681	622	9,386
Tractor Trailer	1,041	1,143	1,267	589	590	733	639	597	703	693	692	702	9,389
Total	3,881	4,243	5,049	2,910	3,081	3,684	3,493	3,348	3,673	3,272	3,340	3,511	43,485
Average Daily Traffic (ADT)	125	146	163	97	99	123	113	108	122	106	111	113	AADT:119

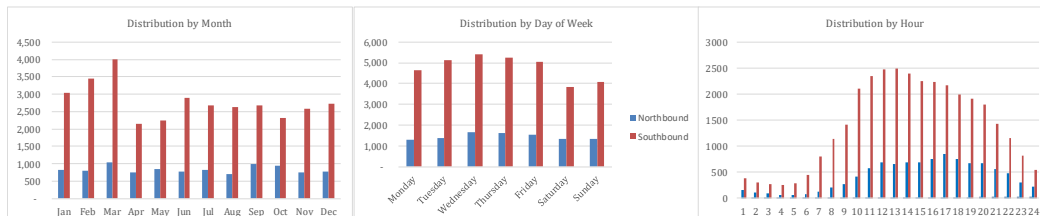
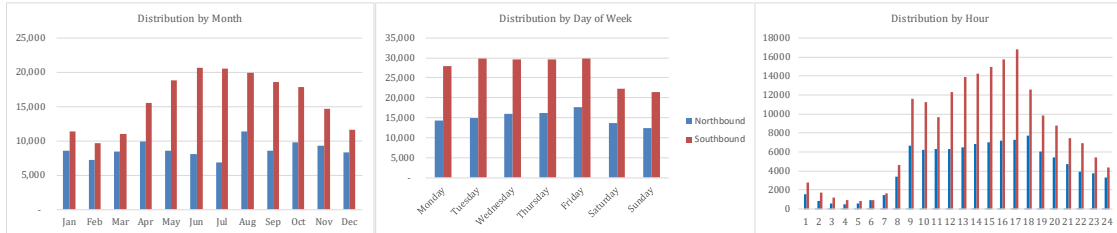


Figure 2.12 Traffic Characteristics at Permanent Counters

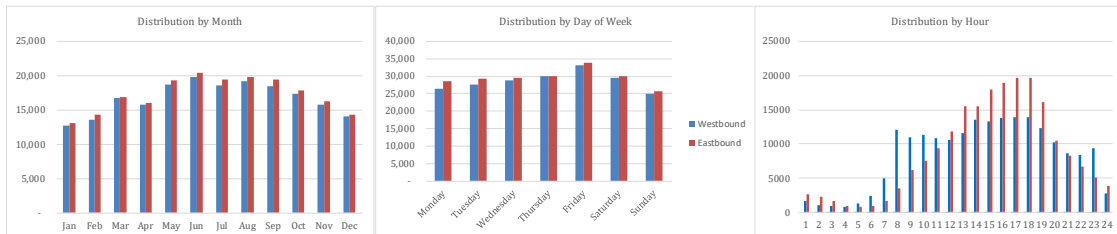
Highway 3, Kilometre 245

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	288	92	82	234	248	337	382	417	283	229	297	235	3124
Car, Van, Light Truck, SUV	11,776	8,557	10,152	17,657	19,736	21,181	20,616	22,460	19,193	18,853	15,440	12,034	197,655
Light Truck w/ Trailer, Mobile Equipment	1,900	1,956	2,274	2,046	1,922	1,539	1,103	1,644	1,745	2,133	2,112	2,281	22,655
Straight Truck, Bus, Motorhome, Mobile Equipment	2,763	2,532	2,626	2,879	3,300	3,187	2,992	4,113	3,334	3,477	3,215	2,973	37,391
Tractor Trailer	3,287	3,825	4,454	2,628	2,216	2,414	2,314	2,592	2,509	2,963	2,935	2,526	34,663
Total	20,014	16,962	19,588	25,444	27,422	28,658	27,407	31,226	27,064	27,655	23,999	20,049	295,488
Average Daily Traffic (ADT)	646	585	632	848	885	955	884	1007	902	892	800	647	AADT:807



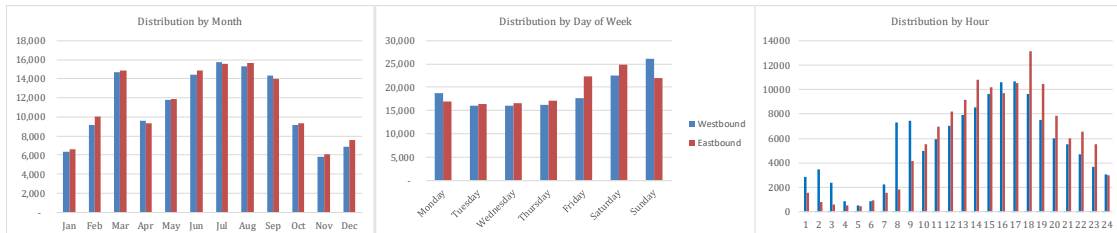
Highway 3, Kilometre 332

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	9	18	37	32	98	128	138	105	75	34	32	13	719
Car, Van, Light Truck, SUV	12,895	13,714	17,358	16,904	20,380	21,516	19,802	20,437	19,305	17,528	15,438	14,848	210,125
Light Truck w/ Trailer, Mobile Equipment	6,937	7,127	8,064	8,001	8,883	8,302	7,736	7,430	7,514	8,085	8,050	7,887	94,016
Straight Truck, Bus, Motorhome, Mobile Equipment	2,859	3,090	3,472	4,260	6,091	6,807	7,080	7,874	7,123	6,240	5,600	3,152	63,648
Tractor Trailer	3,134	3,903	4,649	2,545	2,561	3,371	3,128	3,073	3,804	3,361	2,920	2,543	38,992
Total	25,834	27,852	33,580	31,742	38,013	40,124	37,884	38,919	37,821	35,248	32,040	28,443	407,500
Average Daily Traffic (ADT)	833	960	1083	1058	1226	1337	1222	1255	1261	1137	1068	918	AADT:1113



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	7	14	21	21	110	87	151	148	83	16	10	10	678
Car, Van, Light Truck, SUV	7,202	8,136	11,470	11,333	14,589	17,368	17,873	17,329	16,108	10,604	7,109	8,067	147,188
Light Truck w/ Trailer, Mobile Equipment	3,204	3,702	4,957	4,313	5,776	6,910	7,761	7,802	6,612	4,631	3,187	3,394	62,249
Straight Truck, Bus, Motorhome, Mobile Equipment	2,418	3,277	4,450	2,904	3,025	4,776	5,296	5,420	5,424	3,075	1,558	2,843	44,466
Tractor Trailer	128	4,098	8,653	316	180	187	229	293	159	146	90	123	14,602
Total	12,959	19,227	29,551	18,887	23,680	29,328	31,310	30,992	28,386	18,472	11,954	14,437	269,183
Average Daily Traffic (ADT)	418	663	953	630	764	978	1010	1000	946	596	398	466	AADT:735



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	8	9	13	39	35	67	131	86	53	43	12	6	502
Car, Van, Light Truck, SUV	3,470	3,983	4,679	11,317	14,101	13,621	13,453	16,153	13,679	13,021	10,360	4,105	121,942
Light Truck w/ Trailer, Mobile Equipment	2,949	3,336	3,385	5,265	4,771	4,404	3,515	4,384	3,796	5,320	5,667	2,826	49,618
Straight Truck, Bus, Motorhome, Mobile Equipment	1,674	1,770	2,424	3,678	5,919	5,999	6,515	6,639	5,821	5,271	3,385	1,975	51,070
Tractor Trailer	287	398	443	778	1,517	1,468	1,611	1,092	1,313	1,369	438	282	10,996
Total	8,388	9,496	10,944	21,077	26,343	25,559	25,225	28,354	24,662	25,024	19,862	9,194	234,128
Average Daily Traffic (ADT)	271	327	353	703	850	852	814	915	822	807	662	297	AADT:640

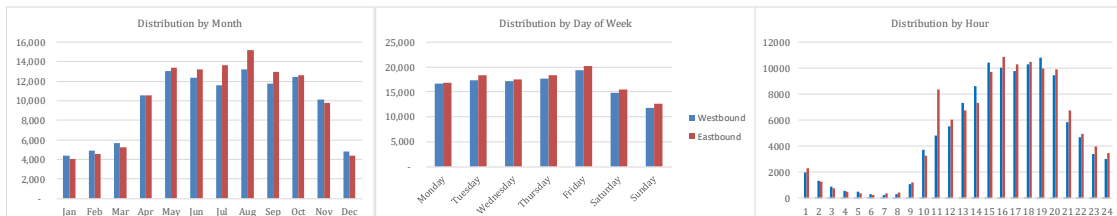
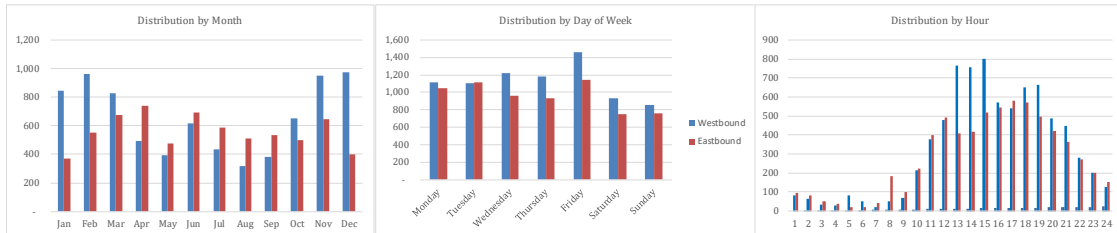


Figure 2.13 Traffic Characteristics at Permanent Counters

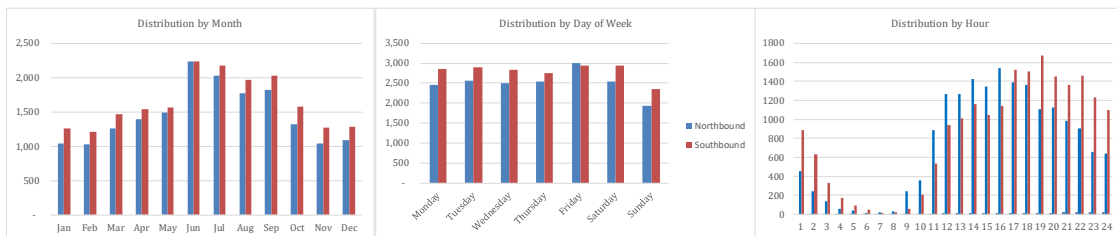
Highway 5, Kilometre 62

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	84	86	75	50	33	47	44	53	39	59	121	118	809
Car, Van, Light Truck, SUV	491	563	696	690	396	480	453	367	423	470	729	468	6,226
Light Truck w/ Trailer, Mobile Equipment	143	168	136	77	69	69	69	45	56	88	164	182	1,266
Straight Truck, Bus, Motorhome, Mobile Equipment	396	528	415	293	256	478	312	243	274	372	453	472	4,492
Tractor Trailer	106	169	181	125	118	233	149	124	127	162	131	136	1,761
Total	1,220	1,514	1,503	1,235	872	1,307	1,027	832	919	1,151	1,598	1,376	14,554
Average Daily Traffic (ADT)	39	52	48	41	28	44	33	27	31	37	53	44	AADT:40



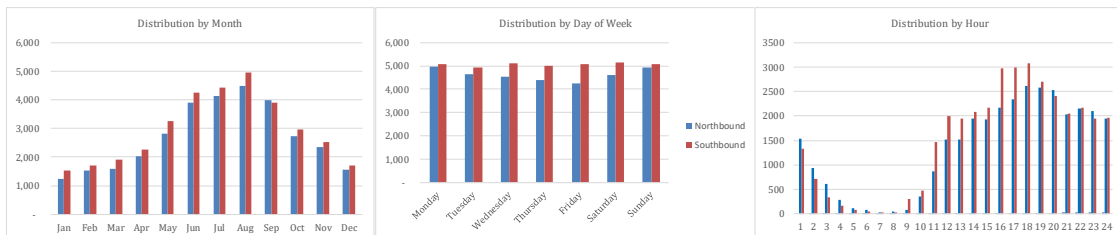
Highway 7, Kilometre 37

Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Motorcycle, Bicycle, ATV	7	10	10	23	57	47	32	37	50	29	5	1	308
Car, Van, Light Truck, SUV	1,278	1,240	1,578	1,559	1,433	2,038	2,048	1,986	1,939	1,601	1,318	1,343	19,361
Light Truck w/ Trailer, Mobile Equipment	511	604	679	836	936	1,551	1,252	924	1,168	759	600	620	10,472
Straight Truck, Bus, Motorhome, Mobile Equipment	481	330	422	439	613	738	710	576	579	446	342	387	6,063
Tractor Trailer	26	58	37	56	16	104	150	215	109	65	41	27	904
Total	2,303	2,242	2,726	2,945	3,055	4,478	4,192	3,738	3,845	2,900	2,306	2,378	37,108
Average Daily Traffic (ADT)	74	77	88	98	99	149	135	121	128	94	77	77	AADT:101



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	16	12	8	30	33	187	181	119	54	27	27	8	702
Car, Van, Light Truck, SUV	1,466	2,487	2,754	3,234	5,038	6,043	6,274	7,405	5,818	4,445	4,334	2,845	52,143
Light Truck w/ Trailer, Mobile Equipment	688	174	191	294	358	560	655	691	530	335	244	170	4,890
Straight Truck, Bus, Motorhome, Mobile Equipment	394	438	431	593	593	1,182	1,192	1,072	1,281	717	255	211	8,359
Tractor Trailer	193	127	112	125	72	206	254	161	193	175	36	29	1,683
Total	2,757	3,238	3,496	4,276	6,094	8,178	8,556	9,448	7,876	5,699	4,896	3,263	67,777
Average Daily Traffic (ADT)	89	112	113	143	197	273	276	305	263	184	163	105	AADT:185



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	14	14	12	17	23	76	86	74	28	19	7	8	378
Car, Van, Light Truck, SUV	13,464	14,410	15,033	16,997	16,729	18,700	20,842	20,688	17,548	14,155	12,681	13,124	194,371
Light Truck w/ Trailer, Mobile Equipment	4,259	4,872	5,212	5,556	5,480	7,695	7,643	7,366	5,928	5,379	4,937	4,202	68,529
Straight Truck, Bus, Motorhome, Mobile Equipment	3,445	3,749	5,240	6,369	6,963	5,932	7,239	6,537	5,343	4,093	3,115	2,916	60,941
Tractor Trailer	323	581	886	1,247	643	919	1,309	703	775	571	281	478	8,716
Total	21,505	23,626	26,383	30,186	29,838	33,322	37,119	35,368	29,622	24,217	21,021	20,728	332,935
Average Daily Traffic (ADT)	694	815	851	1006	963	1111	1197	1141	987	781	701	669	AADT:910

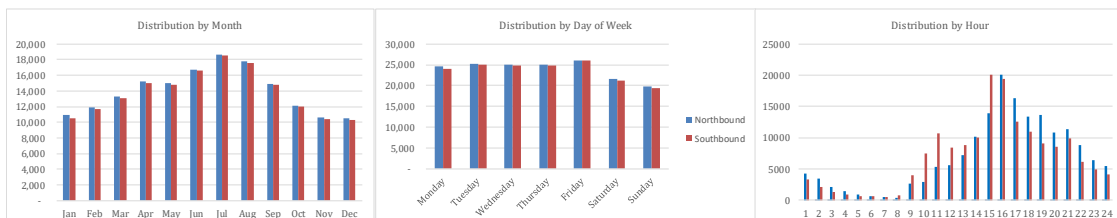
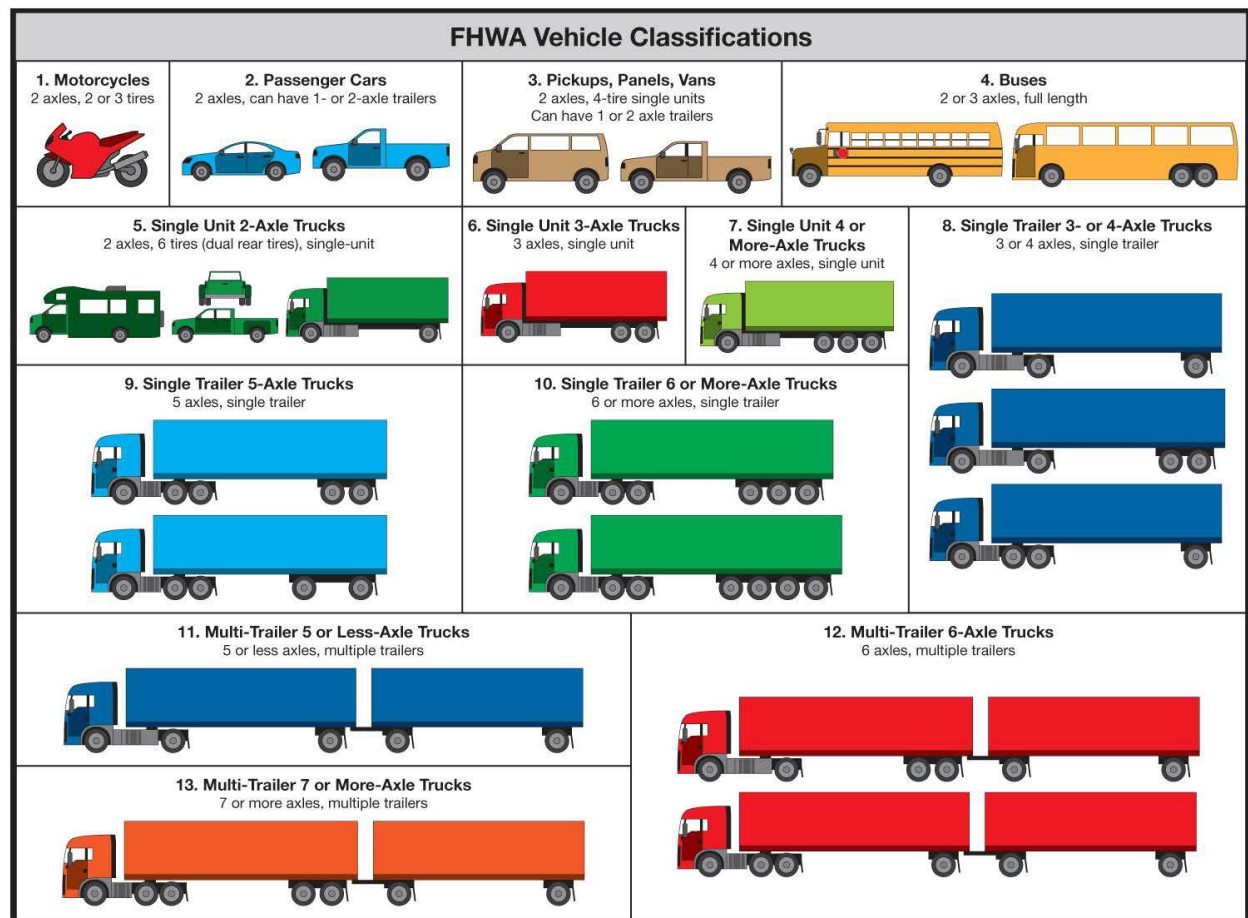
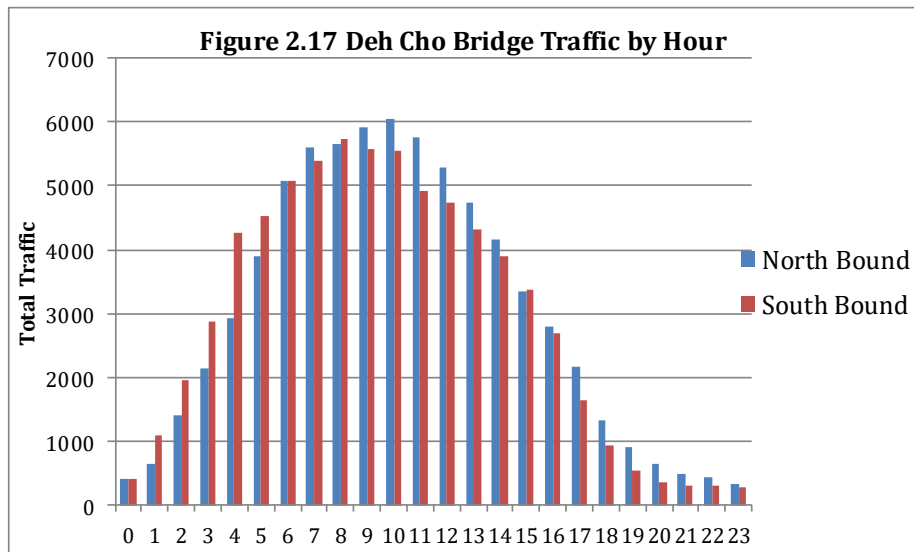
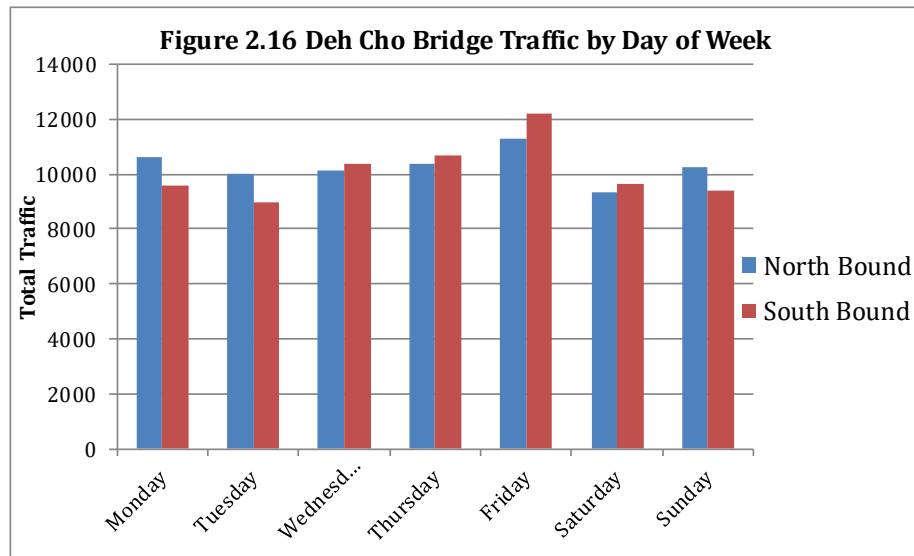
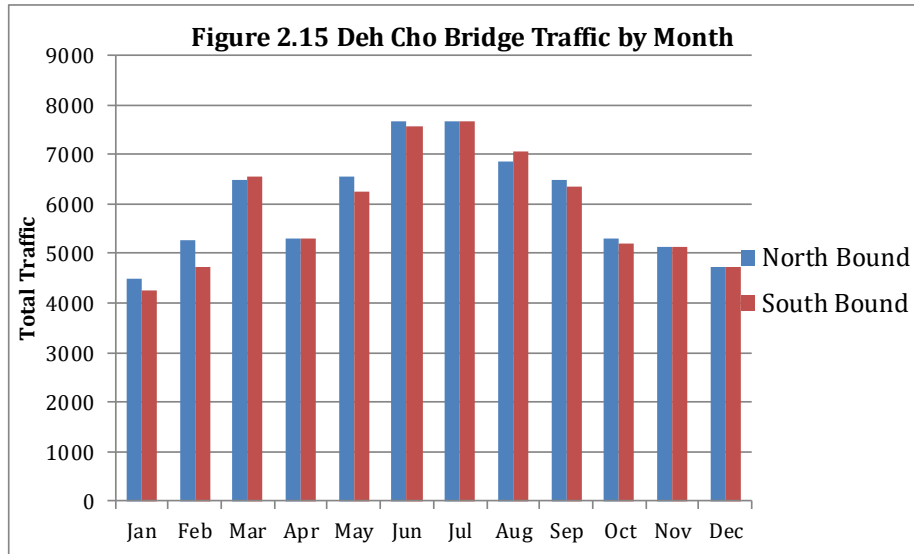


Figure 2.14 Deh Cho Bridge Traffic by Month and Federal Highway Administration (FHWA) Vehicle Class

FHWA Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	1	1	3	1	2	7	7	25	0	0	0	0	47
2	953	857	668	265	248	420	990	4,797	3,727	3,008	1,436	637	18,006
3	3,751	4,890	5,770	2,375	2,750	3,386	3,769	4,976	4,845	3,727	3,585	3,638	47,462
4	15	16	15	26	24	23	42	10	44	15	20	18	268
5	1,796	1,979	3,046	5,463	7,512	8,299	7,490	2,127	2,027	1,452	2,444	2,876	46,511
6	119	126	124	134	166	188	214	98	99	98	193	178	1,737
7	8	9	7	1	0	6	4	6	2	2	8	1	54
8	18	17	17	10	10	11	12	8	12	14	9	27	165
9	382	338	528	639	727	708	745	450	504	452	515	474	6,462
10	468	588	934	629	512	586	674	523	541	473	573	415	6,916
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	1,238	1,582	1,837	1,099	985	1,579	1,438	811	1,072	1,096	1,413	1,217	15,367
Total	8,749	10,403	12,949	10,642	12,936	15,213	15,385	13,831	12,873	10,337	10,196	9,481	142,995
ADT	282	359	418	355	417	507	496	446	429	333	340	306	AADT: 391





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											
				2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Liard River	Highway 1, near Fort Simpson	M.V. Lafferty	Commercial Vehicles	11	13	21	19	16	15	28	17	17	23	20	21
			Light Vehicles	86	85	91	91	88	90	117	90	97	108	91	91
			Trailers Towed	8	6	9	7	6	9	10	10	9	10	8	9
			Total	104	104	121	118	110	113	156	117	123	140	119	121
Mackenzie River	Highway 8, near Tsiigehtchic	M.V. Louis Cardinal	Commercial Vehicles	28	33	34	16	18	24	24	17	19	18	18	10
			Light Vehicles	127	124	122	97	89	108	136	115	108	93	99	95
			Trailers Towed	6	11	7	2	3	17	18	8	6	6	5	4
			Total	161	168	163	115	110	149	178	140	133	117	122	109
Peel River	Highway 8, near Fort McPherson	C.F. Abraham Francis	Commercial Vehicles	24	24	21	14	13	20	22	20	22	24	15	20
			Light Vehicles	73	85	86	64	51	107	84	84	75	81	79	91
			Trailers Towed	17	14	10	2	1	14	9	5	8	8	11	5
			Total	115	123	116	80	65	140	115	109	106	113	105	116
Mackenzie River	Highway 1, near Camsell Bend	M.V. Johnny Berens	Commercial Vehicles	2	2	4	2	2	2	2	2	2	3	2	7
			Light Vehicles	15	16	17	15	16	17	18	20	19	22	19	15
			Trailers Towed	1	1	1	1	1	1	1	2	1	1	1	2
			Total	17	20	23	18	19	20	22	23	23	26	22	23

Figure 3.2
Average Daily Traffic on Highway Ferries

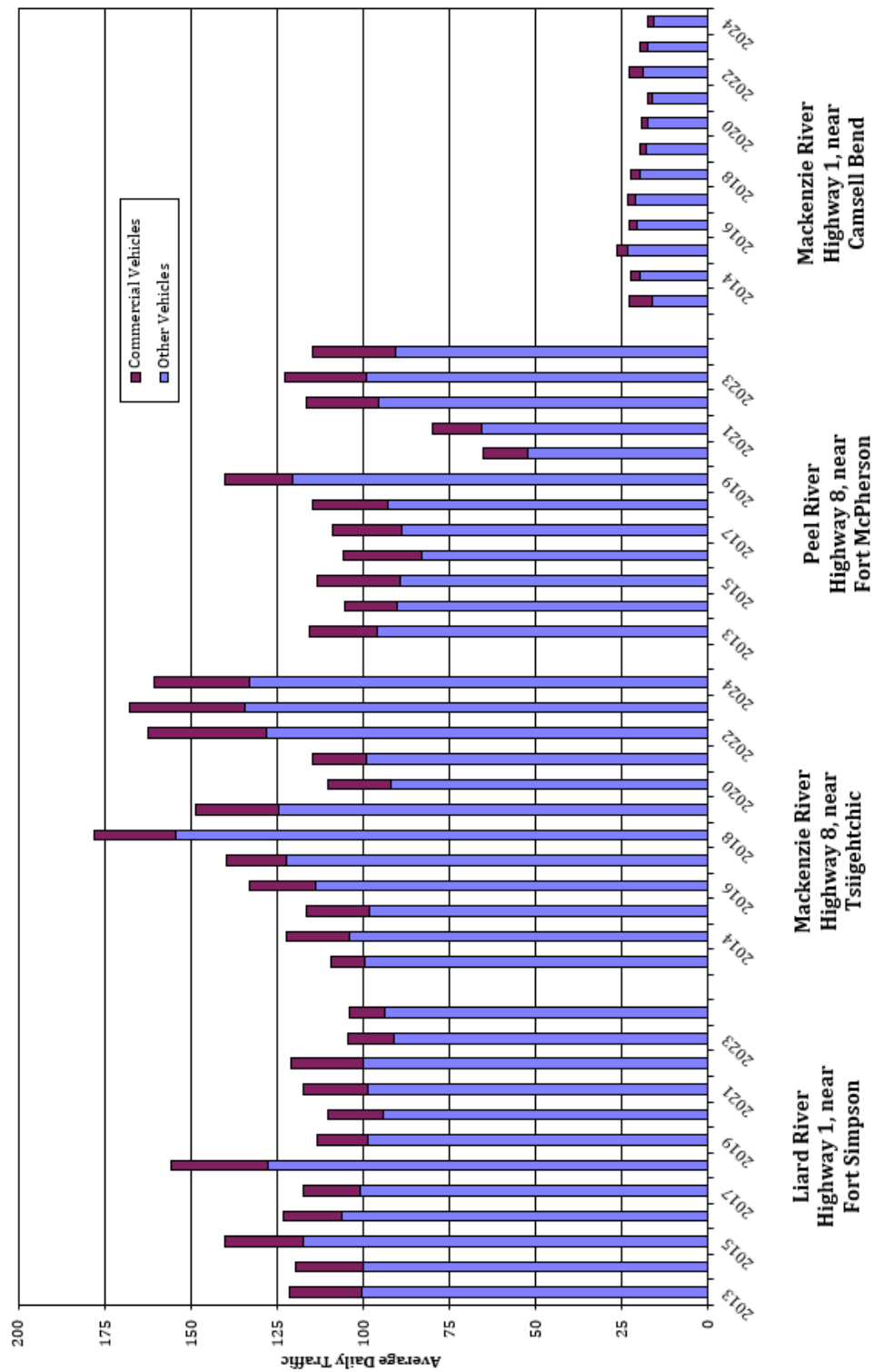


Figure 3.3 Vehicle Classification Data at Liard River Ferry (Highway 1 near Fort Simpson, M.V. Lafferty)

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
8-May-24	26-Oct-24											
	May-24	2,201	92	83.14	7.50	2.77	5.18	0.05	0.09	1.27	9.36	3,772
	Jun-24	2,823	94	82.39	9.42	1.84	4.29	0.00	0.07	1.98	8.18	4,752
	Jul-24	3,192	103	79.26	8.80	4.07	5.45	0.50	0.06	1.85	11.94	5,471
	Aug-24	3,428	111	82.38	7.21	3.33	5.28	1.08	0.03	0.70	10.41	6,050
	Sep-24	3,462	115	85.76	5.57	2.17	5.52	0.00	0.03	0.95	8.67	5,985
	Oct-24	2,696	104	81.12	6.71	5.93	5.01	0.00	0.04	1.19	12.17	4,470
13-May-23	28-Oct-23											
	Total	17,802	104	82.38	7.49	3.33	5.15	0.30	0.05	1.30	10.13	30,500
	May-23	1,657	87	85.40	5.55	3.62	3.80	0.00	0.00	1.63	9.05	2,747
	Jun-23	3,197	107	80.04	6.54	4.22	5.82	0.13	0.06	3.19	13.42	5,223
	Jul-23	3,633	117	76.88	6.74	6.17	7.98	0.30	0.03	1.90	16.38	6,204
	Aug-23	3,202	103	82.54	6.03	3.81	5.97	0.06	0.12	1.47	11.43	5,709
	Sep-23	2,955	99	81.15	6.02	3.86	7.11	0.10	0.00	1.76	12.83	4,990
	Oct-23	2,896	103	85.95	3.14	3.80	5.70	0.07	0.00	1.35	10.91	4,705
17-May-22	1-Nov-22											
	Total	17,540	104	81.51	5.75	4.36	6.30	0.13	0.04	1.92	12.74	29,578
	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
	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
	18-May-21											
	Total	19,864	118	77.80	6.05	4.51	10.34	0.06	0.06	1.19	16.15	33,161
12-May-20	1-Nov-20											
	Total	19,102	110	79.75	5.59	4.52	8.40	0.06	0.01	1.66	14.66	32,410
	15-May-19											
	Total	19,468	113	79.45	7.57	4.26	6.84	0.07	0.13	1.67	12.98	36,770
	11-May-18											
	Total	26,603	156	75.50	6.63	7.52	8.36	0.29	0.38	1.33	17.87	53,567
	16-May-17											
	Total	20,086	117	76.93	8.93	4.23	7.54	0.49	0.07	1.81	14.14	37,777
	9-May-16											
	Total	21,678	123	78.67	7.55	4.41	7.45	0.23	0.08	1.62	13.77	39,861
	9-May-15											
	Total	25,229	140	76.95	6.85	5.24	7.63	0.29	0.82	2.23	16.21	44,906
12-May-14	4-Nov-14											
	Total	21,012	119	76.50	7.11	4.79	9.15	0.12	0.14	2.18	16.39	40,316
	19-May-13											
	Total	21,016	121	75.17	7.33	5.72	9.18	0.36	0.07	2.18	17.51	39,113
	14-May-12											
	Total	29,959	182	70.46	9.20	3.25	14.41	0.30	0.25	2.13	20.34	54,407
	13-May-11											
	Total	23,938	138	67.05	6.46	16.58	7.77	0.30	0.13	1.72	26.49	43,016
	10-May-10											
	Total	21,402	118	76.75	6.52	4.27	9.98	0.29	0.21	1.99	16.74	41,124

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 Trailer	Truck Semi Trailer	Percent of Total Over size	Bus	Other	Total Commercial	Number of Passengers
3-Jun-24	27-Oct-24												
	Jun-24	4,315	154	69.83	2.92	1.78	10.38	0.37	0.37	4.50	10.22	27.25	7,700
	Jul-24	5,111	165	74.45	5.95	0.78	9.31	0.08	0.08	0.12	9.31	19.60	9,395
	Aug-24	6,647	214	83.51	4.84	0.95	6.11	0.00	0.00	0.18	4.41	11.64	13,222
	Sep-24	4,543	151	84.17	2.80	3.13	8.12	0.00	0.00	0.00	1.78	13.03	8,855
	Oct-24	2,852	106	82.08	0.84	3.65	12.17	0.00	0.00	0.04	1.23	17.08	5,074
	Total	23,468	161	78.98	3.85	1.82	8.72	0.09	0.09	0.91	5.65	17.18	44,246
5-Jun-23	30-Oct-23												
	Jun-23	4,035	155	65.15	6.27	1.96	17.08	0.82	0.82	0.00	8.72	28.57	7,271
	Jul-23	6,685	216	64.67	10.46	0.72	11.01	0.36	0.36	0.01	12.77	24.88	13,993
	Aug-23	6,283	203	78.27	6.16	2.18	9.80	0.84	0.84	0.06	2.67	15.57	15,691
	Sep-23	4,454	148	82.35	3.52	4.45	8.02	0.43	0.43	0.07	1.17	14.12	10,304
	Oct-23	3,179	106	83.36	1.98	3.27	10.41	0.03	0.03	0.00	0.94	14.66	6,432
	Total	24,636	168	73.83	6.33	2.30	11.08	0.53	0.53	0.03	5.91	19.84	53,691
7-Jun-22	31-Oct-22												
	Jun-22	3,838	160	68.66	4.53	1.51	10.34	0.42	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	0.02	0.22	7.90	17.64	14,520
	Aug-22	6,460	208	67.65	3.65	2.60	21.52	0.17	0.17	0.20	4.21	28.70	14,231
	Sep-22	3,946	132	85.48	2.89	3.09	6.97	0.20	0.20	0.13	1.24	11.63	9,069
	Oct-22	3,129	101	79.45	3.04	2.46	13.07	0.29	0.29	0.26	1.44	17.51	7,118
	Total	23,741	163	74.74	4.15	2.10	12.64	0.19	0.19	0.99	5.19	21.12	52,122
9-Jun-21	5-Nov-21												
	Total	17,069	115	84.69	1.67	2.89	8.44	0.35	0.35	0.06	1.90	13.64	42,580
3-Jun-20	29-Oct-20												
	Total	16,313	110	81.12	2.27	3.81	8.77	2.30	2.30	0.17	1.56	16.61	36,811
28-May-19	2-Nov-19												
	Total	23,463	149	72.51	11.38	3.25	5.26	1.31	1.31	0.23	6.06	16.11	59,654
27-May-18	2-Nov-18												
	Total	28,296	178	76.59	10.07	2.30	4.42	1.17	1.17	0.28	5.18	13.34	65,960
4-Jun-17	4-Nov-17												
	Total	21,400	140	81.91	5.58	1.48	4.74	2.02	2.02	0.41	3.86	12.50	43,330
29-May-16	7-Dec-16												
	Total	25,531	133	81.44	4.16	1.52	8.02	2.15	2.15	0.29	2.41	14.39	40,883
1-Jun-15	15-Dec-15												
	Total	22,979	117	79.36	4.86	1.80	7.75	2.21	2.21	0.23	3.79	15.78	38,138
1-Jun-14	5-Dec-14												
	Total	22,858	122	81.00	4.20	1.53	7.17	2.38	2.38	0.14	3.58	14.80	32,523
5-Jun-13	7-Dec-13												
	Total	20,198	109	87.28	3.99	2.09	3.08	0.41	0.41	0.00	3.15	8.73	35,095
3-Jun-12	29-Oct-12												
	Total	20,660	140	76.15	5.96	5.33	7.71	0.11	0.11	0.41	4.33	17.88	36,382
3-Jun-11	31-Oct-11												
	Total	21,304	142	81.50	4.63	1.69	9.82	0.11	0.11	0.10	2.15	13.87	38,688
26-May-10	28-Oct-10												
	Total	24,266	157	69.19	5.52	4.37	17.21	0.19	0.19	0.15	3.38	25.29	42,975

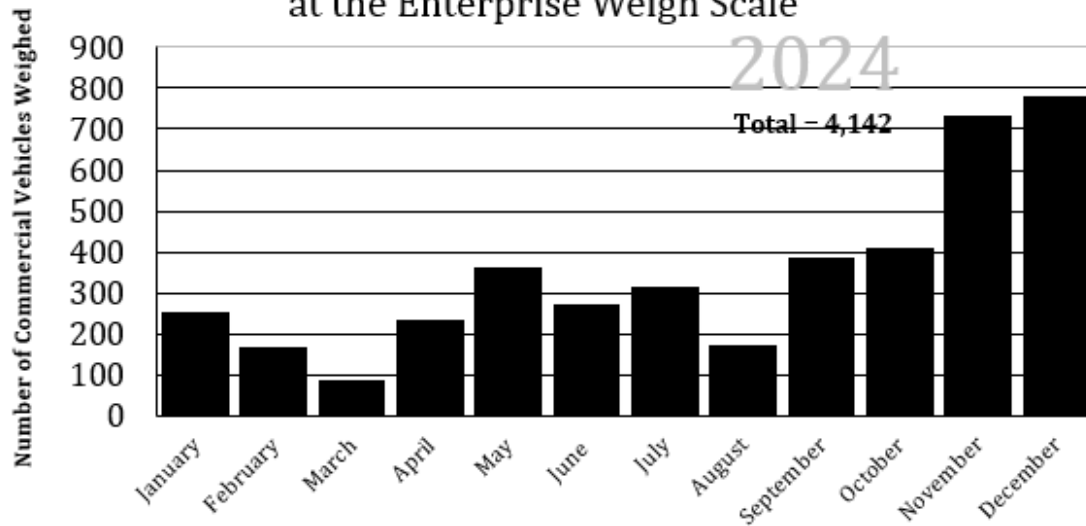
Figure 3.5 Vehicle Classification Data at Peel River Ferry (Highway 8 near Fort McPherson, C.F. Abraham Francis)

Operating Season	Month	Total Traffic	Average Daily Traffic	Percent of Total							Total Commercial	Number of Passengers
				Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other		
4-Jun-24	5-Nov-24											
	Jun-24	3,258	121	53.53	17.10	3.78	12.40	0.61	0.06	12.52	29.37	5,504
	Jul-24	3,527	114	60.19	16.90	0.96	10.46	0.54	0.20	10.75	22.91	6,458
	Aug-24	6,174	199	69.83	18.95	0.34	5.31	0.32	0.05	5.20	11.22	12,207
	Sep-24	3,145	105	68.14	8.39	1.05	18.00	0.99	0.06	3.37	23.47	5,739
	Oct-24	1,451	47	63.89	3.38	2.41	23.43	2.96	0.00	3.93	32.74	2,278
5-Jun-23	Nov-24	101	20	69.31	3.96	4.95	10.89	4.95	0.00	5.94	26.73	175
	Total	17,656	115	64.10	14.95	1.42	11.43	0.78	0.08	7.23	20.94	32,361
	Jun-23	3,002	115	58.79	13.22	2.07	10.99	1.13	0.00	13.79	27.98	5,030
	Jul-23	4,436	143	61.99	17.16	1.38	8.32	0.54	0.07	10.55	20.85	8,725
	Aug-23	5,843	188	75.44	10.97	1.08	7.70	0.91	0.07	3.83	13.59	12,488
	Sep-23	3,153	105	75.29	7.74	3.08	10.37	0.79	0.10	2.63	16.97	5,589
10-Jun-22	Oct-23	1,911	62	74.57	2.46	4.97	15.12	0.99	0.00	1.88	22.97	2,904
	Nov-23	49	25	81.63	0.00	14.29	4.08	0.00	0.00	0.00	18.37	82
	Total	18,394	123	69.38	11.36	2.09	9.61	0.84	0.05	6.66	19.26	34,818
	Jun-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
3-Jun-21	Sep-22	2,813	94	80.02	6.58	1.35	8.53	0.14	0.13	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
	Jun-21	12,636	80	79.67	2.62	1.42	12.74	0.10	0.06	3.38	17.71	24,573
	Total	9,888	65	77.74	2.26	1.62	15.86	0.22	0.08	2.22	20.00	19,783
3-Jun-20	18-Oct-19	19,354	140	76.00	9.77	0.61	7.21	0.09	0.25	6.07	14.23	38,464
	2-Jun-18	18,112	115	73.40	7.77	1.64	9.24	0.15	0.29	7.51	18.82	34,247
	8-Jun-17	16,800	109	76.90	4.45	1.68	14.43	0.07	0.18	2.28	18.65	31,175
	2-Jun-16	19,331	106	70.77	7.98	1.54	15.09	0.11	0.14	4.36	21.25	37,159
	3-Jun-15	21,326	113	71.83	7.00	1.58	14.39	0.14	0.08	4.99	21.18	41,205
	30-May-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	1-Jun-13	21,738	116	78.59	4.28	1.63	13.49	0.40	0.10	1.52	17.13	33,591
	3-Jun-12	18,613	124	69.84	6.01	1.99	18.66	0.18	0.27	3.04	24.15	39,456
	1-Jun-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

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

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other	Total Commercial	Number of Passengers
14-May-24	26-Oct-24											
	May-24	291	16	85.57	4.47	4.81	0.69	0.00	0.00	4.47	9.97	673
	Jun-24	280	9	83.93	3.21	6.43	0.00	0.00	0.00	6.43	12.86	608
	Jul-24	522	17	81.61	4.98	4.98	5.75	0.00	0.00	2.68	13.41	1,146
	Aug-24	655	21	79.39	5.50	4.27	7.33	0.00	0.00	3.51	15.11	1,378
	Sep-24	681	23	89.13	5.14	1.62	2.20	0.00	0.44	1.47	5.73	1,602
	Oct-24	422	16	87.20	8.53	2.13	1.18	0.00	0.24	0.71	4.27	1,023
Total		2,851	17	84.36	5.44	3.72	3.51	0.00	0.14	2.84	10.21	6,430
29-May-23	28-Oct-23											
	May-23	44	15	77.27	4.55	13.64	0.00	0.00	0.00	4.55	18.18	90
	Jun-23	659	22	84.07	5.46	4.86	3.34	0.00	0.00	2.28	10.47	1,485
	Jul-23	511	16	84.54	4.70	1.57	7.63	0.00	0.00	1.57	10.76	1,220
	Aug-23	581	19	79.35	5.68	4.48	8.43	0.00	0.00	2.07	14.97	1,173
	Sep-23	670	22	80.45	7.46	5.52	3.43	0.00	0.00	3.13	12.09	1,592
	Oct-23	536	19	86.57	4.29	3.73	4.66	0.00	0.00	0.75	9.14	1,251
Total		3,001	20	82.77	5.60	4.30	5.26	0.00	0.00	2.07	11.63	6,811
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	4.64	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											
31-May-20	25-Oct-20											
14-May-19	26-Oct-19											
25-May-18	29-Oct-18											
27-May-17	5-Nov-17											
18-May-16	1-Nov-16											
17-May-15	4-Nov-15											
22-May-14	5-Nov-14											
24-May-13	8-Nov-13											
24-May-12	28-Oct-12											
20-May-11	2-Nov-11											
14-May-10	31-Oct-10											

Figure 3.7
Commercial Vehicles Weighed
at the Enterprise Weigh Scale

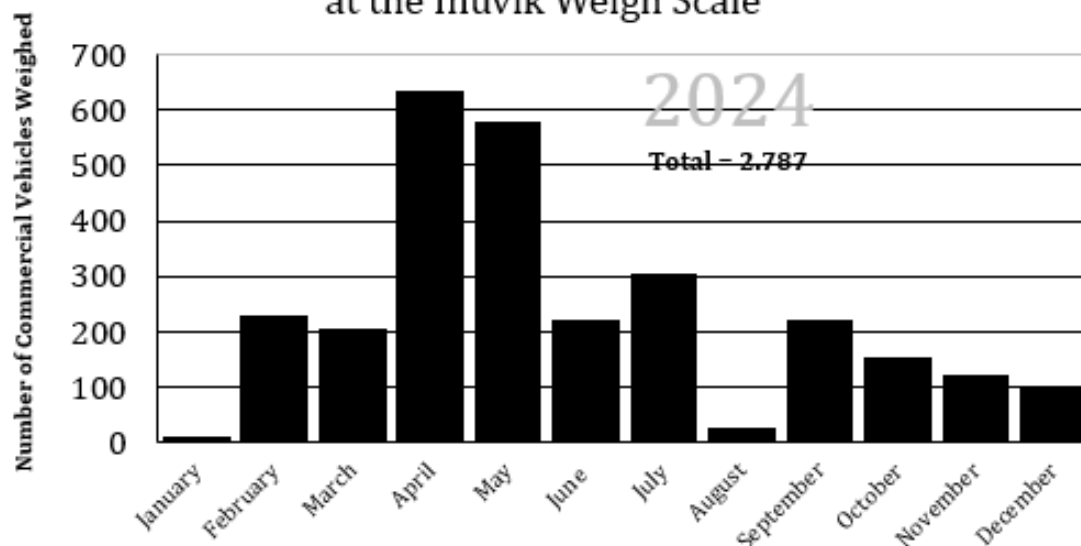


Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2024	252	163	83	230	361	270	311	169	386	410	729	778	4,142
2023	489	644	660	260	262	502	621	166	0	310	284	81	4,279
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

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
2024	8	226	205	634	576	219	303	26	219	153	120	98	2,787
2023	0	0	0	0	0	5	0	0	3	2	0	4	14
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

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

Figure 3.9
Overweight Permits Issued

2024													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	1	0	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	0	0	0	0	1	0	0	1	0	0	1	0	3
On-Line	34	69	114	50	59	51	44	32	37	39	70	21	620
Total	34	70	114	50	60	51	44	33	37	39	71	21	624
2023													
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	91	113	99	37	31	77	99	34	40	72	27	10	730
Total	91	113	99	37	31	77	99	34	40	72	27	10	730
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

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

2024													
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	2	0	1	0	0	1	0	0	0	0	4
On-Line	89	133	247	136	132	96	98	71	115	124	101	42	1,384
Total	89	133	249	136	133	96	98	72	115	124	101	42	1,388
2023													
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	121	238	225	97	83	142	223	124	114	161	75	38	1,641
Total	121	238	225	97	83	142	223	124	114	161	75	38	1,641
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

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)

2024													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	5	6	0	0	1	0	1	0	0	3	1	2	19
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	5	6	1	1	1	2	1	0	0	1	1	2	21
On-Line	487	847	639	473	436	618	494	509	421	459	414	348	6,145
Total	497	859	640	474	438	620	496	509	421	463	416	352	6,185
2023													
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	531	792	487	333	323	475	570	390	542	549	407	326	5,725
Total	531	792	487	333	323	475	570	390	542	549	407	326	5,725
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

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

2024													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	1	0	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	0	0	0	0	1	0	0	1	0	0	1	0	3
On-Line	883	1,217	1,099	648	648	899	825	720	716	754	642	537	9,588
Total	883	1,218	1,099	648	649	899	825	721	716	754	643	537	9,592
2023													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	2	0	0	0	0	0	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	1	0	2	0	0	0	0	0	0	0	0	0	3
On-Line	852	1,152	1,110	573	597	772	893	482	606	977	726	536	9,276
Total	853	1,152	1,112	573	597	772	895	482	606	977	726	536	9,281
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

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

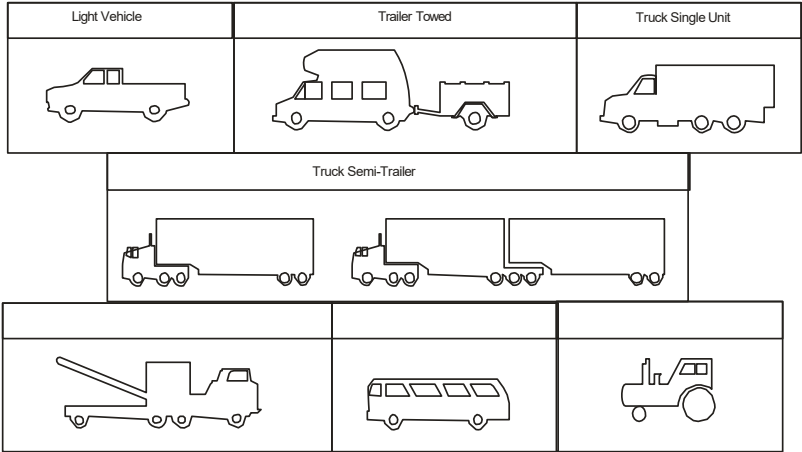
Unit Type	2024												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Pickup >4500 kg	5	6	3	14	27	10	11	14	19	36	22	26	193	4.66
Straight Truck	11	9	5	26	37	29	52	16	36	62	66	67	416	10.04
Tractor Semi Trailer	105	74	44	120	175	129	146	84	187	191	324	340	1,919	46.33
A Train	6	1	0	6	28	6	16	5	17	8	63	56	212	5.12
B Train	7	5	8	5	12	6	9	3	7	2	109	81	254	6.13
C Train	0	0	0	0	0	0	0	0	0	0	7	14	21	0.51
Extended Length Tra	112	63	19	56	80	87	76	47	118	109	132	186	1,085	26.20
Pole Truck	5	5	2	0	0	0	0	0	0	0	1	7	20	0.48
Special Configuration	1	0	2	3	2	3	1	0	0	0	4	0	16	0.39
Bus	0	0	0	0	0	0	0	0	2	2	1	1	6	0.14
Total	252	163	83	230	361	270	311	169	386	410	729	778	4,142	100.00
Unit Type	2023												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Pickup >4500 kg	21	10	11	9	14	39	29	5	0	12	16	5	171	4.00
Straight Truck	40	57	38	18	17	62	84	18	0	27	18	3	382	8.93
Tractor Semi Trailer	229	277	366	132	144	209	280	89	0	143	95	24	1,988	46.46
A Train	2	1	1	1	4	15	21	3	0	0	0	1	49	1.15
B Train	7	8	8	1	4	35	13	2	0	2	5	2	87	2.03
C Train	0	1	0	0	0	0	0	0	0	0	0	0	1	0.02
Extended Length Tra	177	273	227	94	74	140	192	49	0	124	147	44	1,541	36.01
Pole Truck	10	6	6	0	0	0	0	0	0	0	1	0	23	0.54
Special Configuration	3	8	3	3	5	2	2	0	0	2	2	2	32	0.75
Bus	0	3	0	2	0	0	0	0	0	0	0	0	5	0.12
Total	489	644	660	260	262	502	621	166	0	310	284	81	4,279	100.00
Unit Type	2022												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
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	1	7	6	1	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	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
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	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
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	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
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

Figure 3.14 Vehicle Classification at the Inuvik Weigh Scale

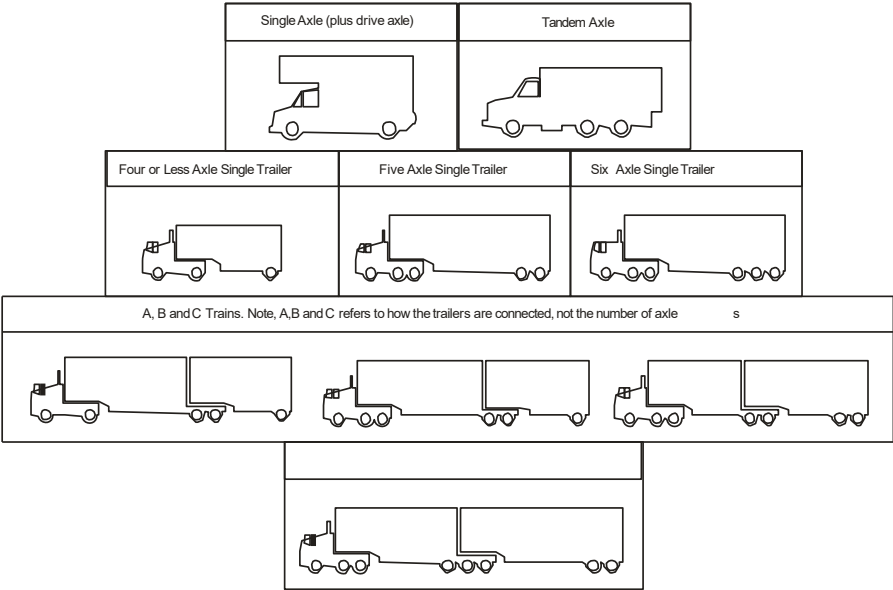
Unit Type	2024												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Pickup >4500 kg	0	11	4	0	0	0	0	0	0	1	0	0	16	0.57
Straight Truck	2	22	146	597	277	49	57	19	86	85	58	42	1,440	51.67
Tractor Semi Trailer	6	122	45	27	298	165	239	7	131	65	60	54	1,219	43.74
A Train	0	0	0	1	0	0	0	0	0	0	1	0	2	0.07
B Train	0	2	3	2	0	1	1	0	0	0	1	1	11	0.39
C Train	0	1	0	0	0	0	0	0	0	0	0	0	1	0.04
Extended Length Tra	0	58	6	7	1	4	6	0	2	2	0	0	86	3.09
Pole Truck	0	6	1	0	0	0	0	0	0	0	0	1	8	0.29
Special Configuration	0	3	0	0	0	0	0	0	0	0	0	0	3	0.11
Bus	0	1	0	0	0	0	0	0	0	0	0	0	1	0.04
Total	8	226	205	634	576	219	303	26	219	153	120	98	2,787	100.00
Unit Type	2023												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	0	0	0	0	0	0	0	0	0	0	0	3	3	21.43
Tractor Semi Trailer	0	0	0	0	0	5	0	0	3	2	0	1	11	78.57
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	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	5	0	0	3	2	0	4	14	100.00
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	26.02
Tractor Semi Trailer	7	19	38	46	17	24	460	16	22	2	0	0	651	73.64
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	0.23
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	0	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	2	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	12	31	71	79	43	51	560	25	22	2	0	0	884	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	47.25
Tractor Semi Trailer	6	57	61	78	10	12	45	58	10	46	20	0	403	52.75
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	0	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	764	100.00
Unit Type	2020												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
2-3 Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
4 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
4 Axle	58	52	42	39	14	65	79	96	35	22	7	16	525	27.62
5 Axle	32	39	38	51	18	39	42	56	54	25	11	18	423	22.25
6 Axle	9	29	24	32	0	11	9	25	26	4	0	0	169	8.89
7 Axle	24	26	29	32	0	11	17	28	35	4	0	0	206	10.84
8 Axle	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

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 10 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.
- 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_{ijk} = daily volume for ith occurrence of the jth day of week within the kth month;

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

j = day of week (1 to 7).

k = month (1 to 12).

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.

K'áhshó got'jne xədə k'é hederı Ɂedjhtl'é yerınıwə nı dé dúle.
Dene Kədə

ʔerıhtl'ıs Dēne Sųlıné yatı t'a huts'elkēr xa beyáyatı theɁą Ɂat'e, nuwe ts'ēn yótti.
Dēne Sųlıné

Edı gondı dehgáh got'je zhaté k'éé edat'éh enahddhə nıde naxets'é edahlı.
Dene Zhaté

Jii gwandak izhii ginjik vat'atr'ijəhch'uu zhıt yinothan ji', diits'at ginohkhii.
Dinjii Zhu' Ginjik

Uvanittuaq ilitchurisukupku Inuvialuktun, ququaqluta.
Inuvialuktun

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Inuktitut

Hapkua titiqqat pijumagupkit Inuinnaqtun, uvaptinnut hivajarlutit.
Inuinnaqtun

kıspin ki nıtawıhtın ē nıhıyawıhk ōma ācimōwin, tipwāsinān.
nēhiyawēwin

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

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