

Northwest Territories 2017 Highway Traffic Report

Rapport sur la
circulation routière
aux Territoires du
Nord-Ouest (2017)

2017



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This report was prepared by the Policy, Planning and Communications Division of the Department of Infrastructure, Government of the Northwest Territories, in co-operation with the Transportation Division and the Compliance and Licensing Division.

If you have any comments or questions related to the content of this report, please contact the Policy, Planning and Communications Division by telephone at 867-767-9082, ext. 31036.

Mention de reconnaissance

Le présent rapport a été préparé par la Division des politiques, de la planification et des communications du ministère de l'Infrastructure du gouvernement des Territoires du Nord Ouest, en collaboration avec la Division des transports et la Division de la conformité et des permis.

Pour tout commentaire ou toute question sur le contenu du présent rapport, veuillez communiquer avec la Division des politiques, de la planification et des communications par téléphone, en composant le 867-767-9082, poste 31036.

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Section 1.0 Summary of Traffic Data Collection Activities and Analysis

Section 1.0 Sommaire des données sur la circulation routière et analyse

1.1 Background

The Northwest Territories highway network consists of 2,345 kilometres of all-weather roads and 1,435 kilometres of winter roads. The highway system also includes four vehicle ferries. A map of the highway network is provided in Figure 1. A detailed listing of the highway system classification by surface type is provided in Table 1. It is noted that, in addition to the above, there are a number of winter roads constructed by mining companies to facilitate mine resupply.

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

This report presents traffic data collected by the Department of Infrastructure on the territorial highway network from 1993 to 2017. This report includes traffic information collected on major highways, access roads, winter roads and associated ferry crossings. The report also contains information on vehicle classifications.

1.1 Contexte

Le réseau routier des Territoires du Nord-Ouest (TNO) est constitué de 2 345 kilomètres de routes toutes saisons, de 1 435 kilomètres de routes d'hiver et comprend également quatre traversiers qui peuvent transporter des véhicules (une carte du système routier est reproduite à la figure 1). Le tableau 1 présente une liste détaillée des routes, classées selon leur type de revêtement. En plus des routes précitées, le rapport tient également compte des routes d'hiver construites par les sociétés minières pour faciliter l'approvisionnement 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. Le Ministère surveille la circulation routière à l'aide d'un ensemble de compteurs mécaniques, de relevés visuels et de dénombrements, et tient également compte des données des stations de pesage et des registres d'utilisation des quatre traversiers. Le Ministère utilise l'information obtenue pour surveiller les changements des volumes de circulation, faire un classement des routes, établir un ordre de priorité de travaux d'entretien et de financement des immobilisations, garantir la sûreté du réseau, et optimiser les travaux de conception technique. Au besoin, les données relatives à la circulation sont mises à la disposition d'entreprises et du public.

Ce rapport présente les données sur la circulation recueillies par le ministère de l'Infrastructure sur le réseau routier territorial de 1993 à 2017. 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.

1.2 Traffic Data Collection System

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

Vehicle classification information is collected at the four ferries that operate on the highway system. The Marine Services 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 2017.

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

In 2017, approximately 35 percent of all potential data was useable for determining traffic volumes. This performance is attributed to the age of the traffic counters, breakdown of the loops and malfunctioning batteries and data modules, but represents a significant improvement since 2006. Where data was missing, traffic volumes have been estimated based on previous years' data and information from other sources such as vehicle movements at ferries and weigh scales. The Department is working to improve data collection activities, including the purchase of new counters and loops and the installation of temporary-counters.

1.2 Système de collecte des données sur la circulation

Le ministère de l'Infrastructure des TNO recueille des données sur la circulation à l'aide de stations de comptage permanentes et saisonnières (consultez le tableau 2 et la figure 1 pour en connaître l'emplacement). Ces stations fournissent de l'information sur la circulation routière pour toute l'année ou pour certains laps de temps, dans le cas des stations de comptage saisonnières installées sur les routes d'hiver ou d'autres routes saisonnières. Elles sont positionnées de manière à donner une idée générale de la circulation sur le système routier.

De l'information sur la classification des véhicules est recueillie par les quatre traversiers qui complètent le système routier; c'est la Division des services maritimes du ministère de l'Infrastructure qui est chargée de sa cueillette et de son traitement.

Des stations de comptage spéciales enregistrent la direction des virages des véhicules à certaines intersections, et des dénombrements visuels des classifications des véhicules sont effectués chaque année, selon les besoins. En 2017, aucun comptage n'a été entrepris aux intersections.

La station de pesage d'Enterprise fournit de l'information sur le nombre de camions et sur le type de produits transportés. Le présent rapport présente également de l'information sur le nombre de camions qui empruntent des routes d'hiver privées (propriété des mines).

En 2017, environ 35 % des données potentielles se sont révélés utilisables pour mesurer le volume de la circulation routière. Ce rendement est attribuable à l'âge des stations de comptage, aux défaillances des détecteurs à boucle à induction, à l'inefficacité des batteries et au mauvais fonctionnement des modules de données, mais représente toutefois une nette amélioration depuis 2006. Cette année-là, comme des données étaient manquantes, le volume de la circulation routière a été estimé d'après les données des années précédentes, notamment les mouvements des véhicules au point de passage des traversiers et aux stations de pesage. Le Ministère ne ménage aucun effort pour améliorer sa collecte de données, notamment l'achat de nouveaux compteurs et détecteurs, et l'installation de compteurs temporaires.

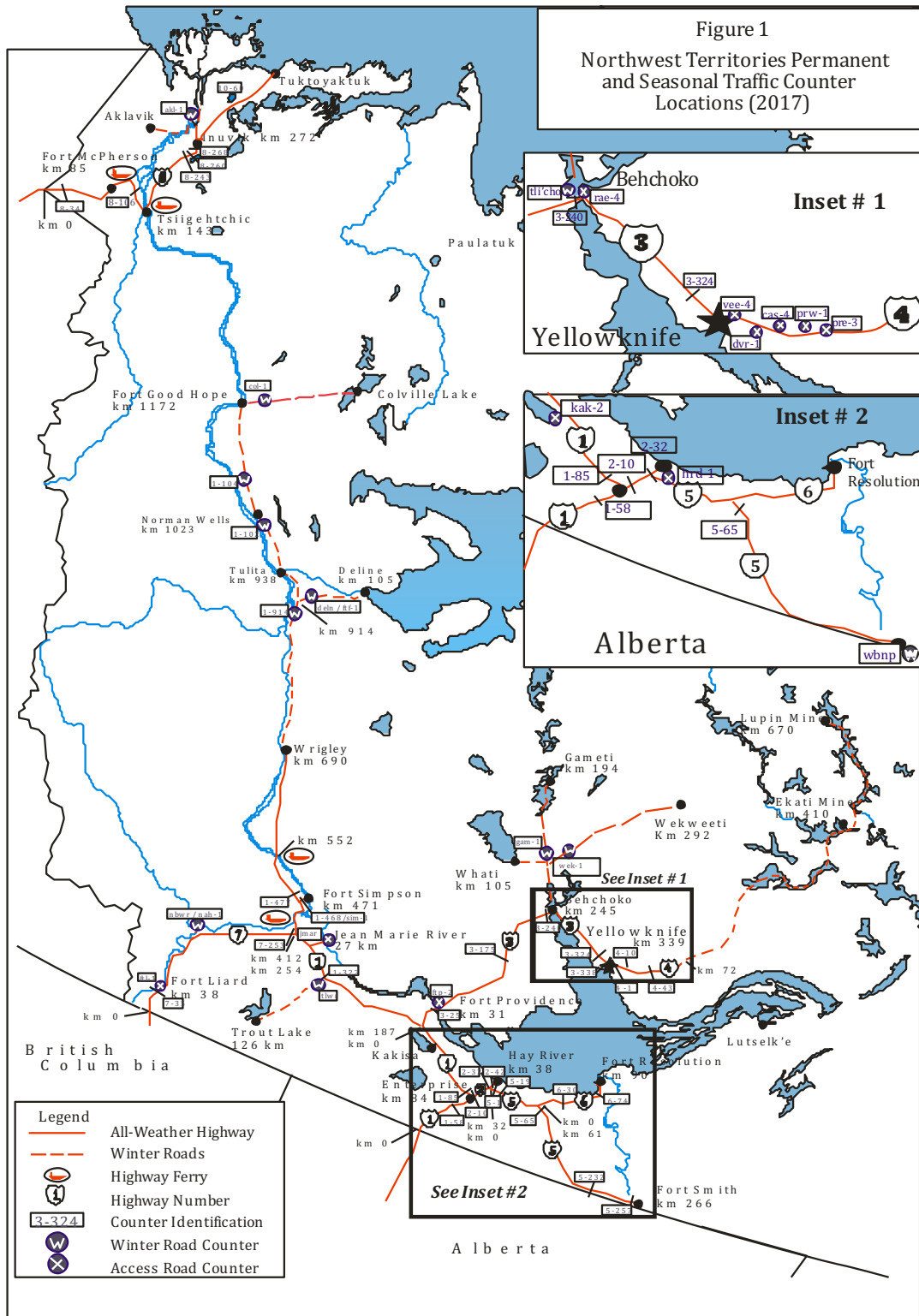




Table 1 Highway System Classification (2017)

Classification	Length (kilometres)					Total
	Paved	Dust- Controlled Gravel	Untreated Gravel	Ferry Crossing	Winter Road	
All-Weather Highways						
Highway 1 (Mackenzie Highway to Wrigley)	321.4	178.7	185.4	2.5	-	688.0
Highway 2 (Hay River Highway)	48.6	-	-	-	-	48.6
Highway 3 (Yellowknife Highway)	339.0	-	-	-	-	339.0
Highway 4 (Ingraham Trail)	49.9	19.4	-	-	-	69.2
Highway 5 (Fort Smith Highway)	268.2	0.0	-	-	-	268.2
Highway 6 (Fort Resolution Highway)	77.8	12.3	0.0	-	-	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 10 (Inuvik Tuktoyaktuk Highway)	-	133.6	-	-	-	133.6
Total	1,135.1	508.6	517.0	2.5	0.0	2,163.2
Access Roads						
Kakisa Lake Access	12.9	-	-	-	-	12.9
Fort Simpson Access	3.4	-	-	-	-	3.4
Jean Marie River Access	-	-	27.4	-	-	27.4
Fort Providence Access	5.4	-	-	-	-	5.4
Rae Access	10.5	-	-	-	-	10.5
Detah Access	11.2	0.0	-	-	-	11.2
Hay River Reserve Access	11.0	1.4	1.9	-	-	14.3
Fort Liard Access	1.3	-	4.0	-	-	5.3
Nahanni Butte Access	-	-	21.3	-	1.0	22.3
Yellowknife Access	1.7	-	-	-	-	1.7
Fort McPherson Access	-	1.1	-	-	-	1.1
Inuvik Access	0.6	-	-	-	-	0.6
Hwy 3 Ice Crossing Access	-	9.4	-	-	-	9.4
Miscellaneous Minor Access	3.2	8.5	45.2	-	-	56.9
Total	61.2	20.4	99.8	0.0	1.0	182.4
Winter Roads						
Highway 1 (Mackenzie Highway, Wrigley to FGH)	-	-	-	-	486.4	486.4
Colville Lake Access (opened March 2001)	-	-	-	-	165.0	165.0
Trout Lake Access	-	-	-	-	126.0	126.0
Déline Access	-	-	-	-	105.3	105.3
Wha'ti Winter Road	-	-	-	-	35.0	35.0
Gamèti Winter Road	-	-	-	-	194.0	194.0
Wekweèti Winter Road	-	-	-	-	232.0	232.0
Aklavik Access	-	-	-	-	85.0	85.0
Detah Access	-	-	-	-	6.3	6.3
Total	0.0	0.0	0.0	0.0	1,435.0	1,435.0
Total All-Weather Roads						2,345.6
Total Winter Roads (Department of Infrastructure)						1,435.0

Tableau 1 : Classification du système routier (2017)

Classification	Longueur (kilomètres)				
	Route asphaltée	Route de gravier traitée	Route de gravier non-traitée	Service de traversier	Route d'hiver
Routes toutes saisons					
Route 1 (route du Mackenzie jusqu'à Wrigley)	321,4	178,7	185,4	2,5	-
Route 2 (route de Hay River)	48,6	-	-	-	-
Route 3 (route de Yellowknife)	339,0	-	-	-	-
Route 4 (route Ingraham Trail)	49,9	19,4	-	-	-
Route 5 (route de Fort Smith)	268,2	0,0	-	-	-
Route 6 (route de Fort Resolution)	77,8	12,3	0,0	-	-
Route 7 (route de la Liard)	20,0	73,2	160,9	-	-
Route 8 (route Dempster)	10,3	91,5	170,7	-	-
Route 10 (route d'Inuvik à Tuktoyaktuk)	-	133,6	-	-	-
Total	1 135,1	508,6	517,0	2,5	0,0
Route d'accès					
Route d'accès à Kakisa Lake	12,9	-	-	-	-
Route d'accès à Fort Simpson	3,4	-	-	-	-
Route d'accès à Jean Marie River	-	-	27,4	-	-
Route d'accès à Fort Providence	5,4	-	-	-	-
Route d'accès à Rae	10,5	-	-	-	-
Route d'accès à Detah	11,2	0,0	-	-	-
Route d'accès à Hay River	11,0	1,4	1,9	-	-
Route d'accès à Fort Liard	1,3	-	4,0	-	-
Route d'accès à Nahanni Butte	-	-	21,3	-	1,0
Route d'accès à Yellowknife	1,7	-	-	-	-
Route d'accès à Fort McPherson	-	1,1	-	-	-
Route d'accès à Inuvik	0,6	-	-	-	-
Route d'accès à la traverse de glace	-	9,4	-	-	-
Routes d'accès mineures diverses	3,2	8,5	45,2	-	-
Total	61,2	20,4	99,8	0,0	1,0
Routes d'hiver					
Route 1 (route du Mackenzie, de Wrigley à Fort Good Hope)	-	-	-	-	486,4
Route d'accès à Colville Lake (ouverte en mars 2001)	-	-	-	-	165,0
Route d'accès à Trout Lake	-	-	-	-	126,0
Route d'accès à Déline	-	-	-	-	105,3
Route d'hiver de Wha'ti	-	-	-	-	35,0
Route d'hiver de Gamèti	-	-	-	-	194,0
Route d'hiver de Wekweëti	-	-	-	-	232,0
Route d'accès à Aklavik	-	-	-	-	85,0
Route d'accès à Detah	-	-	-	-	6,3
Total	0,0	0,0	0,0	0,0	1 435,0
Total des routes toutes saisons					
Total des routes d'hiver (ministère de l'Infrastructure)					

Table 2 Permanent and Seasonal Counter Locations

Counter ID	Location (Hwy / Road)	Kilometre	Description
All-Weather Highways			
1-58	Highway 1	58	15 km south of Alexandra Falls
1-85	Highway 1	85	1.2 km west of Enterprise
1-322	Highway 1	322	0.4 km west of Trout Lake winter road
1-477	Highway 1	477	5.2 km west of Fort Simpson Access on Highway 1
2-10	Highway 2	10	10 km north of Enterprise, south of Paradise Gardens
2-32	Highway 2	32	40 metres north of Highway 2 and 5 intersection, south of service road
2-42	Highway 2	42	North of West Channel, across bridge
3-25	Highway 3	25	1 km north of Deh Cho Bridge
3-175	Highway 3	175	53 km north of Chan Lake, 62 km south of Edzo
3-240	Highway 3	240	3 km south of Rae Access, north of Edzo
3-324	Highway 3	324	19.3 km east of Boundry Creek
3-338	Highway 3	338	0.7 km east of Highway 3 and 4 intersection
4-1	Highway 4	1	1 km north of Highway 3 and 4 intersection
4-10	Highway 4	10	2.5 km east of Yellowknife River Bridge / 300 m west of Dettah Access Road
4-43	Highway 4	43	11 km east of Prelude Lake East Access, 12 km west of Cameron River
5-1	Highway 5	1	1 km east of Highway 2 and 5, 1.5 km west of Hay River Reserve Access
5-19	Highway 5	19	10.6 km east of Sandy Creek, 19 km east of Highway 2 and 5 intersection
5-65	Highway 5	65	5 km south of Highway 5 and 6 intersection
5-232	Highway 5	232	12.3 km west of Salt River Village Access
5-257	Highway 5	257	6.1 km west of Fort Smith
6-30	Highway 6	30	8.5 km east of Pine Point Access
6-74	Highway 6	74	16 km west of Fort Resolution
7-35	Highway 7	35	2.6 km south of Fort Liard
7-253	Highway 7	253	0.3 km south of Highway 1 and 7 intersection
8-34	Highway 8	34	10 km west of Midway Lake
8-106	Highway 8	106	20.6 km north of Fort McPherson Access
8-243	Highway 8	243	1 km south of Cabin Creek
8-260	Highway 8	260	0.7 km north of airport access
8-268	Highway 8	268	1.3 km south of Inuvik
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
jmar	Jean Marie River	1	1 km north of junction with Highway 1
kak-2	Kakisa	2	2 km south of junction with Highway 1
pre-3	Prelude East	1	1 km north of junction with Highway 4
prw-1	Prelude West	1	1 km north of junction with Highway 4
rae-4	Fort Rae	4.2	4.2 km north of junction with Highway 3
vee-4	Vee Lake	4.3	4 km north of junction with Highway 4
sim-1	Fort Simpson	1	1 km north of junction with Highway 1
Winter Roads			
1-914	Highway 1	914	northern-most side of junction of Highway 1 and Deline Access
1-102	Highway 1	1022	1.4 km south of Norman Wells
1-104	Highway 1	1031	7.6 km north of Norman Wells
akl-1	Aklavik	1	1 km west of junction with Tuktoyuktuk Winter Road
col-1	Colville Lake	1	1 km east of junction with Highway 1 at Fort Good Hope
deln / ftf-1	Deline	1	1 km east of junction with Highway 1
det-1	Dettah	1	0.1 km east of junction with School Draw Avenue
det-6	Dettah	6	0.3 km west of Dettah Village
elwr / lacl	Wha'ti	72	1 km west of junction with Tli Cho Winter Road
gam-1	Gameti	72	1 km north of junction with Wha'ti Access Road
nbwr / nah-1	Nahanni Butte	2	2 km west of junction with Highway 7
tli'cho	Tli Cho	1	1.5 km north of junction with Highway 3
tlwr	Trout Lake	1	1 km south of junction with Highway 1
wek-1	Wekweeti	1	1 km east of junction with Tli Cho Winter Road

Tableau 2 : Emplacement des compteurs permanents et saisonniers

Numéro du compteur	Emplacement	Kilomètre	Description
Routes toutes saisons			
1-58	Route 1	58	15 km au sud des chutes Alexandra
1-85	Route 1	85	1,2 km à l'ouest d'Enterprise
1-322	Route 1	322	0,4 km à l'ouest de la route d'hiver de Trout Lake
1-477	Route 1	477	5,2 km à l'ouest de la route d'accès de la route 1, à Fort Simpson
2-10	Route 2	10	10 km au nord d'Enterprise, au sud de Paradise Gardens
2-32	Route 2	32	40 mètres au nord de l'intersection des routes 2 et 5, au sud de la voie de desserte
2-42	Route 2	42	au nord du chenal ouest, de l'autre côté du pont
3-25	Route 3	25	1 km au nord du pont de Deh Cho
3-175	Route 3	175	53 km au nord du lac Chan, à 62 km au sud d'Edzo
3-240	Route 3	240	3 km au sud de la route d'accès à Rae, au nord d'Edzo
3-324	Route 3	324	19,3 km à l'est du ruisseau Boundry
3-338	Route 3	338	0,7 km à l'est de l'intersection des routes 3 et 4
4-1	Route 4	1	1 km au nord de l'intersection des routes 3 et 4
4-10	Route 4	10	2,5 km à l'est du pont de la rivière Yellowknife, 300 m à l'ouest de la route d'accès à Dettah
4-43	Route 4	43	11 km à l'est de la route d'accès au lac Prelude, 12 km à l'ouest de la rivière Cameron
5-1	Route 5	1	1 km à l'est de l'intersection des routes 2 et 5, à 1,5 km à l'ouest de la route d'accès à la réserve de Hay River
5-19	Route 5	19	10,6 km à l'est du ruisseau Sandy, 19 km à l'est de l'intersection des routes 2 et 5
5-65	Route 5	65	5 km au sud de l'intersection des routes 5 et 6
5-232	Route 5	232	12,3 km à l'ouest de la route d'accès au village de Salt River
5-257	Route 5	257	6,1 km à l'ouest de Fort Smith
6-30	Route 6	30	8,5 km à l'est de la route d'accès de Pine Point
6-74	Route 6	74	16 km à l'ouest de Fort Resolution
7-35	Route 7	35	2,6 km au sud de Fort Liard
7-253	Route 7	253	0,3 km au sud de l'intersection des routes 1 et 7
8-34	Route 8	34	10 km à l'ouest du lac Midway
8-106	Route 8	106	20,6 km au nord de la route d'accès à Fort McPherson
8-243	Route 8	243	1 km au sud du ruisseau Cabin
8-260	Route 8	260	0,7 km au nord de la route d'accès à l'aéroport
8-268	Route 8	268	1,3 km au sud d'Inuvik
10-60	Route 10	60	60 km au nord des limites de la ville d'Inuvik
Routes d'accès			
cas-4	Cassidy Point	1	1 km au nord de la jonction avec la route 4
dvr-1	Dettah	1	1 km au sud de la jonction avec la route 4
ftl-1	Fort Liard	1	1 km à l'ouest de la jonction avec la route 7
ftp-2	Fort Providence	2	2 km à l'ouest de la jonction avec la route 3
hrd-1	Réserve déniee de Hay River	1	1 km au nord de la jonction avec la route 5
jmar	Jean Marie River	1	1 km au nord de la jonction avec la route 1
kak-2	Kakisa	2	2 km au sud de la jonction avec la route 1
pre-3	Prelude Est	1	1 km au nord de la jonction avec la route 4
prw-1	Prelude Ouest	1	1 km au nord de la jonction avec la route 4
rae-4	Fort Rae	4,2	4,2 km au nord de la jonction avec la route 3
vee-4	Lac Vee	4,3	4 km au nord de la jonction avec la route 4
sim-1	Fort Simpson	1	1 km au nord de la jonction avec la route 1
Routes d'hiver			
1-914	Route 1	914	Au point le plus septentrional de l'intersection de la route 1 et de la route d'accès à Deline
1-102	Route 1	1022	1,4 km au sud de Norman Wells
1-104	Route 1	1031	7,6 km au nord de Norman Wells
akl-1	Aklavik	1	1 km à l'ouest de la jonction avec la route d'hiver de Tuktoyaktuk
col-1	Colville Lake	1	1 km à l'est de la jonction avec la route 1, à Fort Good Hope
deln / ftf-1	Deline	1	1 km à l'est de la jonction avec la route 1
det-1	Dettah	1	0,1 km à l'est de la jonction avec l'avenue School Draw
det-6	Dettah	6	0,3 km à l'ouest du village de Dettah
elwr / lacd	Wha'ti	72	1 km à l'ouest de la jonction avec la route d'hiver de la région des Tlicho
gam-1	Gameti	72	1 km au nord de la jonction avec la route d'accès de Wha'ti
nbwr / nah-1	Nahanni Butte	2	2 km à l'ouest de la jonction avec la route 7
tli'cho	Tlicho	1	1,5 km au nord de la jonction avec la route 3
tlwr	Trout Lake	1	1 km au sud de la jonction avec la route 1
wek-1	Wekweeti	1	1 km à l'est de la jonction avec la route d'hiver de la région des Tlicho

1.3 Traffic Data Processing

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

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

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

1.3 Traitement des données sur la circulation

Des compteurs permanents de véhicules sont placés dans l'ensemble du système routier des Territoires du Nord-Ouest afin de recueillir des données sur la circulation de façon continue. Chaque heure, les données sont enregistrées en mémoire et environ une fois par mois, les employés des camps d'entretien des routes téléchargent les données, les effacent de la mémoire du compteur, et envoient l'information à la Division des politiques, de la planification et des communications du ministère de l'Infrastructure.

Les membres du personnel de la Division des politiques, de la planification et des communications téléchargent les données du module sur le réseau du gouvernement sous format plat (ASCII) et effectuent une évaluation de premier niveau des données. Tout problème est noté, et les données corrompues sont supprimées. Les données restantes sont ensuite copiées dans une feuille de calcul Excel puis analysées pour en arriver à l'information présentée dans ce rapport.

La première étape de l'analyse des données sur la circulation est d'en vérifier la complétude et l'exactitude. Parmi les problèmes courants, mentionnons des données manquantes attribuables à des dysfonctionnements des stations de comptage ou des modules, des données qui, d'un mois à l'autre, se chevauchent ou manquent, ou des comptages trop élevés ou insuffisants, également attribuables à des dysfonctionnements des stations de comptage. Pour garantir l'exactitude des résultats et pour fournir autant d'information que possible, un processus, présenté à l'annexe B, a été établi pour corriger les lacunes des données.

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.

1.4 Glossaire

Classification des véhicules. La répartition des types de véhicules dans un flux de circulation.

Comptage à court terme. Fournit, à l'aide d'une observation visuelle pour une période donnée et pour un objectif déterminé, une évaluation de la circulation.

Débit journalier estival moyen en période de pointe (DJEMPP). Il s'agit d'une estimation du débit de circulation moyen pour les mois de juin, juillet et septembre.

Débit journalier moyen (DJM). Estimation du débit journalier pour une période de temps précisée. Par exemple, le débit journalier moyen mensuel est une estimation de la circulation moyenne pour un mois donné.

Débit journalier moyen annuel (DJAM). Estimation du débit journalier pour une journée moyenne, au cours d'une période d'un an.

Kilomètres-véhicules parcourus. Il s'agit du nombre total de véhicules pour un tronçon routier déterminé, multiplié par la longueur du tronçon routier.

Répartition de la circulation. Illustre les variations de la circulation au fil du temps. L'évaluation peut se faire sur une base mensuelle, quotidienne, hebdomadaire ou horaire, et est habituellement calculée comme un pourcentage du DJAM.

Route rurale. Il s'agit d'un tronçon de route éloigné des grands centres urbains et de la circulation qu'ils génèrent.

Route urbaine. Il s'agit d'un tronçon de route situé à l'intérieur ou à proximité d'un grand centre urbain.

Station de comptage permanente. Il s'agit d'une station de comptage placée de façon permanente à un endroit précis pour y surveiller la circulation en continu.

Taux de croissance. Il s'agit de la hausse ou de la baisse du débit journalier moyen annuel d'une année à l'autre.

1.5 Layout of the 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 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.

1.5 Architecture du rapport

Ce rapport est organisé en trois sections.

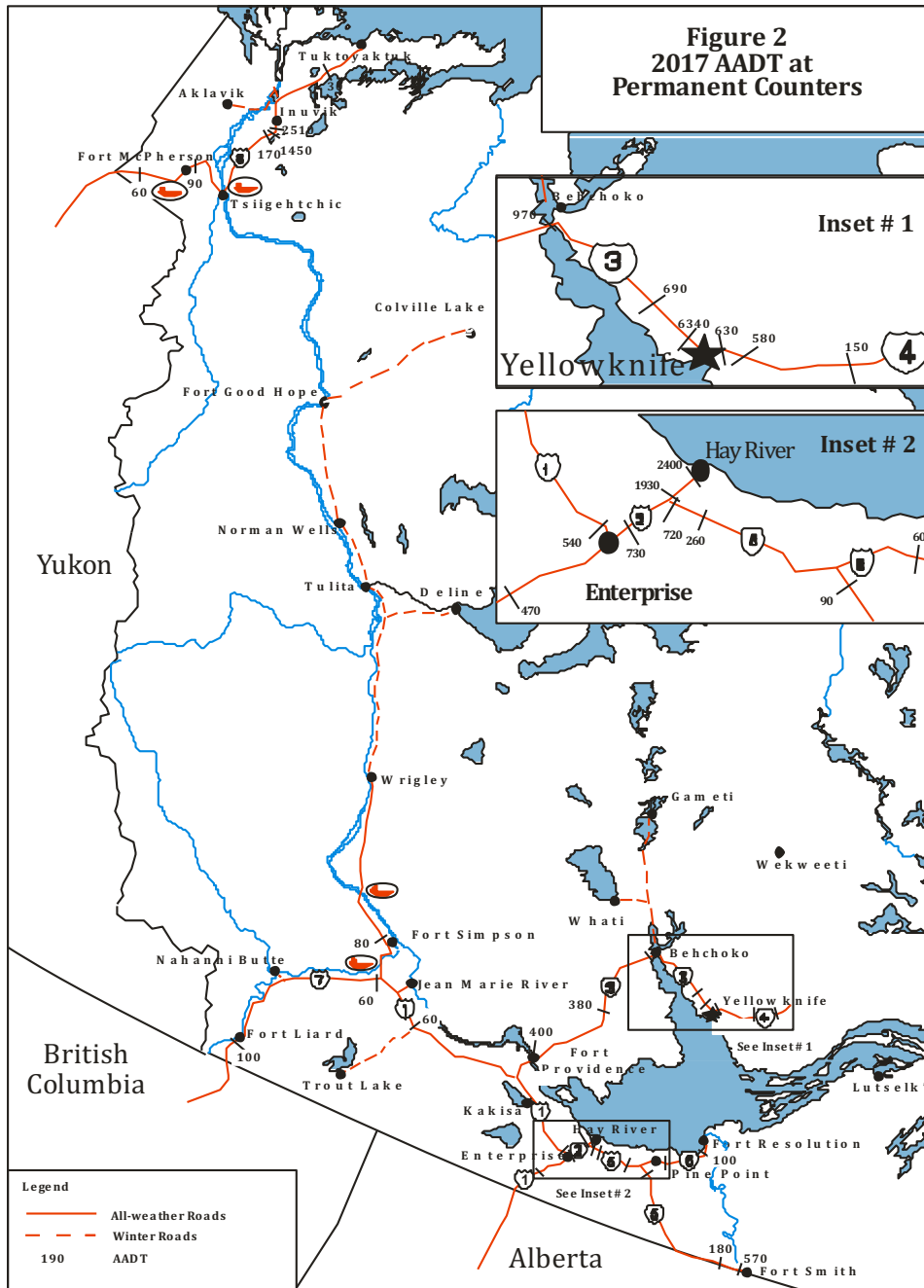
La section 1 présente le système de collecte de données sur la circulation routière aux Territoires du Nord-Ouest.

La section 2 présente les données sur la circulation routière recueillies par toutes les stations de comptage permanentes et certaines stations situées sur des routes qui mènent aux mines, comme le volume de circulation, la répartition de la circulation, la circulation sur le pont de Deh Cho, ainsi que la distance parcourue par les véhicules.

La section 3 présente l'information sur la circulation recueillie par les traversiers et l'information sur les véhicules commerciaux obtenue des stations de pesage.

Les annexes présentent de l'information supplémentaire détaillée sur la circulation.

Section 2.0 Highway Traffic Volume Data



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

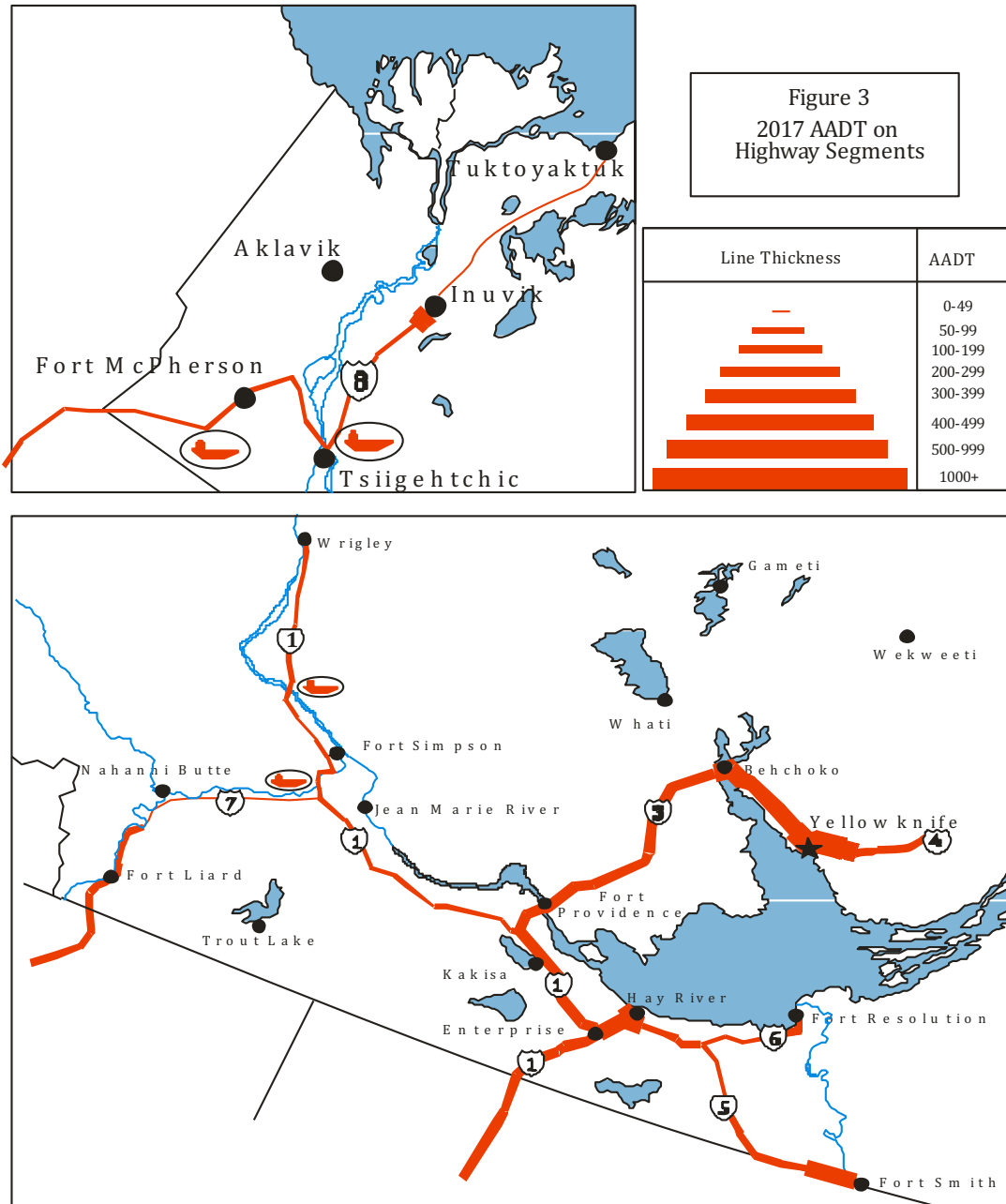


Table 3 Estimated Traffic on Northwest Territories Highways

Highway	Kilometre	Counter ID	Description	AADT					
				2017	2016	2015	2014	2013	2012
1	58	1-58	15 km south of Alexandra Falls	470	460	450	430	350	260
1	85	1-85	1.2 km west of Enterprise	540	530	520	500	400	300
1	322	1-322	0.4 km west of Trout Lake Winter Road	60	60	70	60	60	80
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1	80	80	90	80	80	70
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens	730	720	690	670	640	700
2	32	2-32	40 metres north of Highway 2 & 5 intersection	1930	1890	1820	1750	1690	1840
2	42	2-42	North of West Channel across bridge	2400	2360	2260	2170	2100	2680
3	25	3-25	1 km north of Deh Cho Bridge	400	390	380	370	300	300
3	175	3-175	53 km north of Chan Lake, 62 km south of Edzo	380	370	360	350	280	280
3	240	3-240	3 km south of Rae access, south of Frank's Channel	970	950	930	890	950	820
3	324	3-324	21 km east of Boundry Creek	690	680	660	740	790	680
3	338	3-338	0.8 km west of Highway 3 and 4 intersection	6340	6230	6020	6600	6990	6050
4	1	4-1	1 km north of Highway 3 & 4 intersection	630	680	640	700	1360	1390
4	10	4-10	2.5 km east of Yellowknife River Bridge	580	630	610	670	940	960
4	43	4-43	11 km east of Prelude Lake East Access	150	160	150	170	130	130
5	1	5-1	1 km east of Highway 2 & 5 intersection	720	710	680	660	640	630
5	19	5-19	19 km east of Highway 2 & 5 intersection	260	260	250	240	230	230
5	65	5-65	5 km south of Highway 5 & 6 intersection	90	90	90	90	100	100
5	232	5-232	25km west of Fort Smith	180	170	170	170	160	160
5	257	5-257	6.1 km west of Fort Smith	570	560	540	520	500	500
6	30	6-30	8.5 km east of Pine Point Access	60	60	60	60	30	70
6	74	6-74	16 km west of Fort Resolution	100	100	100	100	100	100
7	35	7-35	2.6 km south of Fort Liard	100	100	120	100	100	110
7	253	7-253	0.3 km south of Highway 1 & 7 intersection	60	60	70	60	60	70
8	34	8-34	10 km west of Midway Lake	60	60	60	60	70	60
8	106	8-106	4.6 km north of Fort Mcpherson Access	90	80	90	80	90	120
8	243	8-243	1 km south of Cabin Creek	170	160	140	150	130	110
8	260	8-260	0.7 km north of airport access	1450	1370	1200	1250	1120	960
8	268	8-268	1.3 km south of Inuvik	2510	2380	2090	2180	1940	1660

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.

				PSDT									
2011	2010	2009	2008	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
250	250	250	280	640	620	590	570	460	290	330	250	310	380
290	290	220	330	740	730	690	670	540	400	390	240	210	410
60	70	40	50	70	80	90	70	70	110	90	90	**	**
120	20	50	50	110	110	120	100	100	90	170	20	**	**
660	430	610	450	980	960	920	890	860	940	1060	520	610	540
1830	1630	1900	1850	2560	2510	2420	2330	2250	2450	2470	2050	**	**
2660	2670	3250	2660	3190	3130	3020	2900	2810	3570	3400	3060	3250	3130
270	270	250	320	490	460	460	480	400	370	360	390	340	400
250	240	250	310	520	510	480	460	370	370	330	350	**	360
760	840	620	770	1330	1300	1240	1190	1260	1110	830	910	**	760
670	750	640	640	790	780	740	810	1050	850	750	790	820	**
5980	6730	5600	5600	8120	7960	8030	8810	9330	7970	7010	7470	**	**
1200	1270	1460	900	700	830	790	790	1820	1920	1690	1630	1770	**
1000	820	650	660	570	620	630	690	1250	1260	1230	1130	**	800
150	130	160	130	150	160	160	180	180	190	190	180	**	120
620	620	560	560	960	940	910	880	850	840	830	820	**	**
230	160	230	260	350	340	330	320	310	310	310	210	330	230
110	90	90	110	90	90	90	130	130	130	120	110	**	160
150	150	130	130	240	240	230	220	210	210	200	200	**	**
490	500	420	420	760	740	720	690	670	690	670	660	**	**
80	80	70	80	40	40	40	40	40	100	100	100	90	90
100	100	80	110	140	140	140	140	130	130	130	130	**	120
110	80	110	110	120	130	150	130	130	150	150	120	**	**
50	40	50	50	80	80	90	80	80	90	70	60	**	**
70	70	50	70	90	80	90	90	100	100	100	90	**	250
110	130	150	120	110	100	120	110	120	170	160	160	160	160
110	110	80	80	220	210	190	200	170	150	150	130	**	**
960	970	740	740	1910	1810	1600	1670	1490	1270	1300	1300	**	**
1680	1700	1370	1370	3310	3150	2780	2900	2590	2210	2270	2140	**	**

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

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

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

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

Note: Blanks indicate insufficient data to calculate monthly ADT.

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

Winter Road	Location (km)	Counter ID	Year	Opening Date	Closing Date	Number Days	Monthly Average Daily Traffic					ADT	
							Dec	Jan	Feb	March	April		May
Aklavik	1	akl-1	2018	22-Dec-2017	26-Apr-2018	125		28	42	82	79		57
			2017	9-Dec-2016	29-Apr-2017	141		50	55	78	89		68
			2016	11-Dec-2015	24-Apr-2016	135		41	10	48	74		42
			2015	3-Dec-2014	23-Apr-2015	141	61	34	48	59	75		54
			2014	11-Dec-2013	29-Apr-2014	139		41	51	70			54
			2013	11-Dec-2012	7-May-2013	147			60	92	105	86	86
			2012	7-Dec-2011	25-Apr-2012	140			53	60	193		97
			2011	22-Dec-2010	11-May-2011	140			51	87	80	50	71
			2010	21-Dec-2009	20-Apr-2010	120			28	24	98		44
			1996	19-Dec-1995	26-Apr-1996	129			32	49	43		41
			Colville Lake	1	col-1	2018	16-Dec-2017	11-Apr-2018	116		15	20	19
2017	17-Dec-2016	2-Apr-2017				106		19	19	15			18
2016	21-Dec-2015	4-Apr-2016				105		16	15	16			16
2015	17-Dec-2014	31-Mar-2015				104		49	24	127			68
2014	28-Dec-2013	16-Apr-2014				109		7	17	17	15		14
2012	20-Dec-2011	2-Apr-2012				104			23	26	17		24
2011	14-Dec-2010	29-Mar-2011				105			23	18			20
2009	19-Dec-2008	5-Apr-2009				107		16	21	16			18
2008	14-Dec-2007	9-Apr-2008				117		11	21	21			18
2007	4-Jan-2007	31-Mar-2007				86		18	14	27			20
Deline	1	deln				2018	25-Jan-2018	13-Apr-2018	78		15	32	36
			2017	27-Jan-2017	2-Apr-2017	65		16	52	77			61
			2016	21-Dec-2015	31-Mar-2016	101		13	41	56			37
			2015	9-Jan-2015	31-Mar-2015	81		16	23	25			22
			2014	19-Dec-2013	14-Apr-2014	116			19	32	22		25
			2013	22-Jan-2013	2-Apr-2013	70			115	31			71
			2012	30-Dec-2011	2-Apr-2012	94			24	28	6		25
			2011	10-Jan-2011	29-Mar-2011	78		17	47	24			30
			2010	28-Jan-2010	31-Mar-2010	62			17	32			25
			2009	20-Jan-2009	5-Apr-2009	75		14	32	31			29
			Dettah Ice Road (Yellowknife Side)	1	dettah-1	2018	5-Jan-2018	18-Apr-2018	103		602	702	898
2017	6-Jan-2017	7-Apr-2017				91		271	240	425	419		325
2016	2-Jan-2016	18-Apr-2016				107		592	447	391	319		450
2015	19-Dec-2014	12-Apr-2015				114	1097	995	1024	1534	1303		1191
2014	13-Dec-2013	21-Apr-2014				129	1146	1216	1168	1592	1404		1315
2013	20-Dec-2012	17-Apr-2013				118		995	1053	1657	1185		1232
2012	31-Dec-2011	20-Apr-2012				111		1536	1587	1640	1318		1539
2011	16-Dec-2010	27-Apr-2011				132	1137	932	977	1144	1249		1080
2010	24-Dec-2009	8-Apr-2010				105		1048	1046	1211	1477		1134
2008	21-Dec-2007	11-Apr-2008				112		1090	1225	1548	1337		1294
Dettah Ice Road (Dettah Side)	6	dettah-6				2018	5-Jan-2018	18-Apr-2018	103		280	338	394
			2017	6-Jan-2017	7-Apr-2017	91		520	244	425	391		394
			2016	2-Jan-2016	18-Apr-2016	107		468	458	453	433		455
			2015	19-Dec-2014	12-Apr-2015	114	527	564	522	626	632		573
			2014	13-Dec-2013	21-Apr-2014	129	228	237	276	303	347		278
			2013	20-Dec-2012	17-Apr-2013	118		270	301	332	289		299
			2012	31-Dec-2011	20-Apr-2012	111		446	428	425	462		438
			2011	16-Dec-2010	27-Apr-2011	132	276	252	282	389	352		313
			2010	24-Dec-2009	8-Apr-2010	105		471	483	505	578		494
			2009	23-Dec-2008	13-Apr-2009	111		575	538	599	604		576
			Gameti	72	lacr	2018	5-Feb-2018	24-Apr-2018	78			23	30
2017	6-Feb-2017	8-Apr-2017				61				34	49		37
2016	29-Feb-2016	12-Apr-2016				43			29	39	43		40
2015	16-Feb-2015	15-Apr-2015				58			47	38	44		42
2014	18-Feb-2014	22-Apr-2014				63			22	35	31		31
2013	13-Feb-2013	21-Apr-2013				67			39	59	55		53
2012	17-Feb-2012	19-Apr-2012				62			32	42	55		44
2011	5-Feb-2011	8-Apr-2011				62			21	33	43		30
2009	21-Feb-2009	14-Apr-2009				52				46	34		42
2008	28-Feb-2008	11-Apr-2008				43				43	55		46
Highway No. 1 (Wrigley)	695	1-695				2006	19-Dec-2005	7-Apr-2006	109		53	74	85
			2005	13-Dec-2004	1-Apr-2005	109		39	49	51		46	
Highway No. 1 (Deline Junction)	914	1-914	2018	16-Dec-2017	11-Apr-2018	116		21	68	65	7		46
			2017	17-Dec-2016	2-Apr-2017	106		58	94	111			87
			2016	21-Dec-2015	31-Mar-2016	101		48	73	81			67
			2015	20-Dec-2014	31-Mar-2015	101		85	65	72			74
			2014	27-Dec-2013	14-Apr-2014	108		81	102	106	18		86
			2013	16-Dec-2012	2-Apr-2013	107			115	156			137
			2012	20-Dec-2011	2-Apr-2012	104			61	77	22		68
			2011	23-Dec-2010	29-Mar-2011	96		22	47	59			42
			2010	23-Dec-2009	31-Mar-2010	98			17	23			20
			2009	23-Dec-2008	5-Apr-2009	103		15	32	55			34
			Highway No. 1 (Norman Wells South)	1022	1-102	2018	16-Dec-2017	9-Apr-2018	114		57	85	57
2017	17-Dec-2016	2-Apr-2017				106		81	134	91			101
2016	21-Dec-2015	31-Mar-2016				101		95	126	122			114
2015	17-Dec-2014	31-Mar-2015				104		100	108	88			98
2014	28-Dec-2013	14-Apr-2014				107		84	135	168	47		118
2013	19-Dec-2012	2-Apr-2013				104			159	169			164
2012	20-Dec-2011	2-Apr-2012				104			88	102	24		93
2010	23-Dec-2009	31-Mar-2010				98			78	79			79
2009	16-Dec-2008	5-Apr-2009				110		50	66	108			75
2008	8-Dec-2007	9-Apr-2008				123		45	98	100			81

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

Highway No. 1 (Norman Wells North)	1031	1-104	2018	16-Dec-2017	9-Apr-2018	114		26	36	40	38		34	
			2017	17-Dec-2016	2-Apr-2017	106		63	71	69				68
			2016	21-Dec-2015	31-Mar-2016	101		21	37	53				37
			2015	17-Dec-2014	31-Mar-2015	104		23	32	39				31
			2014	28-Dec-2013	14-Apr-2014	107		24	35	42	29			33
			2013	19-Dec-2012	2-Apr-2013	104			25	31				28
			2012	20-Dec-2011	2-Apr-2012	104			33	29	23			31
			2011	14-Dec-2010	29-Mar-2011	105		43	38	49				43
			2010	23-Dec-2009	31-Mar-2010	98			36	39				38
2009	16-Dec-2008	5-Apr-2009	110			33	37	37			36			
Nahanni Butte	2	nbwr	1997	9-Dec-1996	17-Apr-1997	129		23	40	69	13		36	
			1996	1-Dec-1995	25-Mar-1996	115		11	10	19			13	
			1995	1-Dec-1994	26-Mar-1995	115		10	17	39			22	
			1994	18-Dec-1993	28-Mar-1994	100			20	18			19	
			1993	15-Dec-1992	27-Mar-1993	102			13	12			12	
Tibbitt to Contwoyto	0.3	lupin	2014	30-Jan-2014	1-Apr-2014	61		212	373	283			322	
			2012	1-Feb-2012	28-Mar-2012	56			292	253			273	
			2011	28-Jan-2011	31-Mar-2011	62		136	390	286			323	
			2010	4-Feb-2010	21-Mar-2010	45			289	189			246	
			2009	1-Feb-2009	25-Mar-2009	52			518	303			417	
			2008	28-Jan-2008	7-Apr-2008	70			553	349	49		406	
			2007	28-Jan-2007	8-Apr-2007	70		251	482	323	67		353	
			2006	5-Feb-2006	26-Mar-2006	49			167	243			204	
Tli'Cho	1	tli'cho	2017	26-Jan-2017	8-Apr-2017	72		342	366	372	165		345	
			2016	5-Feb-2016	12-Apr-2016	67			487	473	339		456	
			2015	19-Jan-2015	15-Apr-2015	86		87	85	115	108		100	
			2014	24-Jan-2014	22-Apr-2014	88		75	233	385	183		259	
			2013	22-Jan-2013	21-Apr-2013	89		66	98	299	175		182	
			2012	25-Jan-2012	19-Apr-2012	85			38	38	53		42	
			2011	14-Jan-2011	8-Apr-2011	84		78	78	104	77		87	
			2010	20-Jan-2010	11-Apr-2010	81		95	72	120	165		106	
			2009	23-Jan-2009	14-Apr-2009	81			81	142	111		113	
2008	8-Feb-2008	11-Apr-2008	63			100	163	148		135				
Trout Lake	1	tlwr	2018	20-Dec-2017	31-Mar-2018	101		6	6	6	3		6	
			2017	23-Dec-2016	8-Apr-2017	106		12	9	21			14	
			2016	21-Dec-2015	31-Mar-2016	101		6	6	6	3		6	
			2015	17-Dec-2014	31-Mar-2015	104		3	2	5			3	
			2014	23-Dec-2013	9-Apr-2014	107		7	5	5			6	
			2002	14-Jan-2002	18-Mar-2002	63		6	7				7	
			2001	18-Dec-2000	15-Mar-2001	87								
			2000	11-Jan-2000	15-Mar-2000	64								
			1999	21-Dec-1998	16-Mar-1999	85		9	7	9			8	
			1998	23-Jan-1998	16-Mar-1998	52				5			5	
			Tuktoyaktuk	1	tuk-1	2017	9-Dec-2016	29-Apr-2017	141		134	123	167	187
2016	11-Dec-2015	24-Apr-2016				135		198	151	232	222		200	
2015	3-Dec-2014	23-Apr-2015				141		92	75	96	220	198		134
2014	23-Dec-2013	29-Apr-2014				127			101	112	149		121	
2013	13-Dec-2012	7-May-2013				145			125	200	179	146		168
2012	10-Dec-2011	25-Apr-2012				137			111	130	330		182	
2011	22-Dec-2010	3-May-2011				132			106	190	137	77		143
2010	18-Dec-2009	20-Apr-2010				123			113	137	350		182	
2009	18-Dec-2008	26-Apr-2009				129		131	130	204	178	53		161
1997	20-Dec-1996	25-Apr-1997				126		30	44	61			48	
Wha'ti	72	wti-1				2018	24-Jan-2018	24-Apr-2018	90			77	64	34
			2017	26-Jan-2017	8-Apr-2017	72		65	50	53	59		53	
			1997	20-Jan-1997	25-Mar-1997	64		31	45	64			50	
			1996	15-Jan-1996	20-Mar-1996	65								
			1995	13-Jan-1995	29-Mar-1995	75								
Wekweeti	1	wek-1	2018	22-Feb-2018	24-Apr-2018	61			24	21	20		22	
			2017	3-Mar-2017	8-Apr-2017	36				14	31		17	
			2016	14-Mar-2016	12-Apr-2016	29				38	48		41	
			2015	7-Mar-2015	15-Apr-2015	39				23	13		20	
			2014	7-Mar-2014	22-Apr-2014	46			4	20	20		14	
			2013	7-Mar-2013	9-Apr-2013	33			52	126	23		82	
			2012	6-Mar-2012	10-Apr-2012	35				59	77		63	
			2011	14-Feb-2011	7-Apr-2011	52			24	46	60		38	

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

Table 7 Truck Traffic on the Tibbitt to Contwoyto Winter Road [1]

		<i>Galcho Kue (1)</i>	<i>BHP Diamonds Ekati Mine</i>	<i>Diavik Diamond Mines Inc.</i>	<i>DeBeers Snap Lake</i>	<i>Tahera</i>	<i>Mineral Exploration Traffic</i>	<i>Total</i>
2018	Total Tonnage	66,951	88,612	115,060	0	0	8,080	278,703
	Total Trucks	1,972	2,610	3,389	0	0	238	8,209
2017	Total Tonnage	61,590	84,935	114,778	12,608	0	5,573	279,484
	Total Trucks	2,030	2,556	3,294	159	0	270	8,309
2016	Total Tonnage	40,100	93,403	115,352	7,509	0	5,995	262,359
	Total Trucks	1,640	3,294	3,941	388	0	344	9,607
2015	Total Tonnage	61,151	83,045	106,031	51,726	0	3,262	305,215
	Total Trucks	2,224	2,078	2,758	1,771	0	84	8,915
2014	Total Tonnage	14,092	83,561	89,817	54,737	0	1,721	243,928
	Total Trucks	659	2,249	2,520	1,570	0	71	7,069
2013	Total Tonnage	0	64,051	111,659	42,116	0	4,296	222,122
	Total Trucks	0	1,649	2,888	1,277	0	203	6,017
2012	Total Tonnage	0	69,351	89,045	46,137	0	4,693	209,226
	Total Trucks	0	2,272	2,947	1,755	0	225	7,199
2011	Total Tonnage	0	64,594	127,375	42,619	0	4,457	239,045
	Total Trucks	0	1,967	3,863	1,373	0	186	7,389
2010	Total Tonnage	0	47,581	39,748	32,505	0	186	120,020
	Total Trucks	0	1,461	1,345	1,116	0	15	3,937
2009	Total Tonnage	0	58,544	91,362	22,884	0	405	173,195
	Total Trucks	0	1,663	2,779	904	0	31	5,377
2008 (2)	Total Tonnage	0	72,233	138,051	43,244	2,300	2,513	258,341
	Total Trucks	0	1,840	4,239	1,250	49	77	7,455

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.

2018 season	61 days (January 30 - April 1)
2017 season	56 days (February 1 - March 29)
2016 season	44 days (February 9 - March 24)
2015 season	60 days (January 30 - March 31)
2014 season	61 days (January 30 - April 1)
2013 season	60 days (January 30 - March 31)
2012 season	56 days (February 1 - March 28)
2011 season	62 days (January 28 - March 31)
2010 season	45 days (February 4 - March 21)
2009 season	52 days (February 1 - March 25)
2008 season	70 days (January 28 - April 7)

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 2008, please see Appendix B 'Historical Data'.

Refer to Figure 1 for the location of this winter road

Table 8 Estimated Vehicle Kilometres Traveled on NWT Highways

Hwy	km	Length (km)	AADT										Vehicle Kilometres Traveled (Millions)										
			2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
1	58	Alberta Border to Enterprise	84.2	470	460	450	430	350	260	250	250	250	280	14.3	14.1	13.7	13.2	10.6	7.9	7.7	7.7	7.7	8.6
1	85	Enterprise to Junction with Hwy #3	103.4	540	530	520	500	400	300	290	290	220	330	20.5	20.2	19.7	19.0	15.3	11.3	10.8	11.0	8.4	12.7
		1 Arterial	187.6											34.9	34.3	33.3	32.1	25.9	19.1	18.5	18.7	16.0	21.3
2	10	Enterprise to Junction with Hwy #5	37.5	730	720	690	670	640	700	660	430	610	450	10.0	9.9	9.5	9.1	8.8	9.6	9.1	5.9	8.3	6.1
2	32	Junction with Hwy #5 to Hay River (West Channel Bridge)	6.2	1930	1890	1820	1750	1690	1840	1830	1630	1900	1850	4.4	4.3	4.1	4.0	3.8	4.2	4.1	3.7	4.3	4.2
2	42	1 km south Airport Access, 5 km north West Channel Bridge	2400	2360	2260	2170	2100	2680	2660	2670	3250	2660											
		2 Arterial	43.7											14.4	14.2	13.6	13.1	12.6	13.8	13.2	9.6	12.6	10.3
3	26	Junction with Hwy #1 to Fort Providence Access	44.1	400	390	380	370	300	300	270	270	250	320	6.5	6.3	6.1	5.9	4.8	4.7	4.3	4.3	4.1	5.1
3	175	Fort Providence Access to Edzo Access	192.4	380	370	360	350	280	280	250	240	250	310	26.5	26.1	25.5	24.4	19.7	19.4	17.3	16.8	17.5	21.8
3	240	Edzo Access to Rae Access	8.5	970	950	930	890	950	820	760	840	620	770	3.0	3.0	2.9	2.8	2.9	2.5	2.4	2.6	1.9	2.4
3	324	Rae Access to Yellowknife Access (Old Airport Road)	88.5	690	680	660	740	790	680	670	750	640	640	22.3	21.9	21.4	23.9	25.4	22.0	21.6	24.1	20.7	20.7
3	337	Old Airport Road Junction to Junction with Hwy #4	5.3	6340	6230	6020	6600	6990	6050	5980	6730	5600	5600	12.3	12.1	11.6	12.8	13.5	11.7	11.6	13.0	10.8	10.8
		3 Arterial	338.8											70.6	69.4	67.6	69.7	66.3	60.3	57.2	60.9	55.0	60.8
		Total Arterial	570											119.9	117.8	114.5	114.9	104.8	93.3	88.8	89.2	83.6	92.4
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	60	60	70	60	60	80	60	70	40	50	5.5	5.7	6.4	5.4	5.5	7.8	6.3	6.5	3.9	4.9
*1	468	Junction with Hwy #7 to Fort Simpson Access	14.9	130	130	150	130	130	180	260	270	230	240	0.7	0.7	0.8	0.7	0.7	1.0	1.4	1.5	1.3	1.3
1	477	Fort Simpson Access to Wrigley	79.2	80	80	90	80	80	70	120	20	50	50	2.4	2.4	2.6	2.2	2.3	1.9	3.6	0.6	1.4	1.4
		1 Collector	362.9											8.6	8.8	9.9	8.3	8.4	10.7	11.3	8.5	6.6	7.7
4	1	Junction with Hwy #3 to Vee Lake Access	5	630	680	640	700	1360	1390	1200	1270	1460	900	1.1	1.2	1.2	1.3	2.5	2.5	2.2	2.3	2.7	1.6
4	10	Vee Lake Access to Prelude Lake East Access	11.8	580	630	610	670	940	960	1000	820	650	660	2.5	2.7	2.6	2.9	4.0	4.2	4.3	3.6	2.8	2.9
4	43	Prelude Lake East Access to Tibbitt Lake	52.4	150	160	150	170	130	130	150	130	160	130	2.8	3.0	2.9	3.2	2.5	2.6	2.8	2.4	3.0	2.4
		4 Collector	69.2											6.4	7.0	6.7	7.4	9.0	9.3	9.3	8.3	8.5	6.9
5	1	Junction with Hwy #2 to Hay River Reserve Access	2.5	720	710	680	660	640	630	620	620	560	560	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
5	19	Hay River Reserve Access to Junction with Hwy #6	57.9	260	260	250	240	230	230	230	160	230	260	5.5	5.4	5.2	5.0	4.9	4.9	4.8	3.5	4.8	5.5
5	65	Junction with Hwy #6 to Salt River Village Access Road	187.8	90	90	90	90	100	100	110	90	90	110	5.9	5.9	5.9	5.9	6.6	6.6	7.3	5.8	6.0	7.4
5	232	Salt River Village Access Road to Trout Street	13.5	180	170	170	170	160	160	150	150	130	130	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	570	560	540	520	500	500	490	500	420	420	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
		5 Collector	266											13.8	13.7	13.5	13.2	13.6	13.7	14.1	11.4	12.6	14.7
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	60	60	60	60	30	70	80	80	70	80	1.5	1.5	1.5	1.5	0.8	1.6	1.9	1.9	1.9	2.1
6	74	Little Buffalo Village Road to Fort Resolution	21.7	100	100	100	100	100	100	100	100	80	110	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.8
		6 Collector	90											2.3	2.3	2.3	2.3	1.6	2.4	2.7	2.7	2.5	2.9
7	35	BC Border to Fort Liard	37.6	100	100	120	100	100	110	110	80	110	110	1.3	1.4	1.6	1.3	1.4	1.5	1.5	1.1	1.5	1.5
7	253	Fort Liard to Junction with Hwy #1	216.5	60	60	70	60	60	70	50	40	50	50	4.7	4.9	5.5	4.6	4.8	5.2	3.7	3.3	4.0	4.0
		7 Collector	254.1											6.0	6.3	7.1	5.9	6.1	6.8	5.2	4.4	5.5	5.5
8	34	Yukon Border to Fort McPherson Access	85.4	60	60	60	60	70	60	70	70	50	70	1.9	1.9	1.9	1.9	2.3	2.0	2.0	2.1	1.7	2.2
8	106	Fort McPherson Access to Mackenzie River Ferry	57.2	90	80	90	80	90	120	110	130	150	120	1.8	1.7	1.8	1.7	1.8	2.4	2.2	2.7	3.1	2.6
8	243	Mackenzie River Ferry to Airport Access Road	116.7	170	160	140	150	130	110	110	110	80	80	7.4	7.0	6.1	6.2	5.5	4.7	4.6	4.5	3.3	3.3
8	259	Airport Access Road to Tuk Park Access Road	6.1	1450	1370	1200	1250	1120	960	960	970	740	740	3.2	3.1	2.7	2.8	2.5	2.1	2.1	2.2	1.6	1.6
8	268	Tuk Park Access Road to Inuvik	3.9	2510	2380	2090	2180	1940	1660	1680	1700	1370	1370	3.6	3.4	3.0	3.1	2.8	2.4	2.4	2.4	1.9	1.9
		8 collector	269.3											17.9	17.0	15.5	15.7	14.9	13.6	13.3	13.8	11.8	11.7
		Total Collector	1312											55.0	55.2	55.0	52.8	53.7	56.5	55.9	49.1	47.4	49.3
		Total Vehicle Kilometres Travelled												174.9	173.0	169.5	167.7	158.5	149.8	144.8	138.3	131.0	141.7

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

Percent increase from 2012 to 2013 = 5.8% (Arterial increase = 12.4%; Collector increase = -5%)

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

Percent increase from 2013 to 2014 = 5.8% (Arterial increase = 9.6%; Collector increase = -1.8%)

Percent increase from 2010 to 2011 = 4.7% (Arterial increase = -0.4%; Collector increase = 13.9%)

Percent increase from 2014 to 2015 = 1.1% (Arterial increase = -0.3%; Collector increase = 4.1%)

Percent increase from 2011 to 2012 = 3.5% (Arterial increase = 5%; Collector increase = -1.1%)

Percent increase from 2015 to 2016 = 2.1% (Arterial increase = 2.9%; Collector increase = 0.4%)

Average annual percent increase from 2008 to 2017 = 2.6% (Arterial increase = 3.3%; Collector increase = 1.3%)

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

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

Figure 4 Estimated Vehicle Kilometres Travelled on Northwest Territories Highways

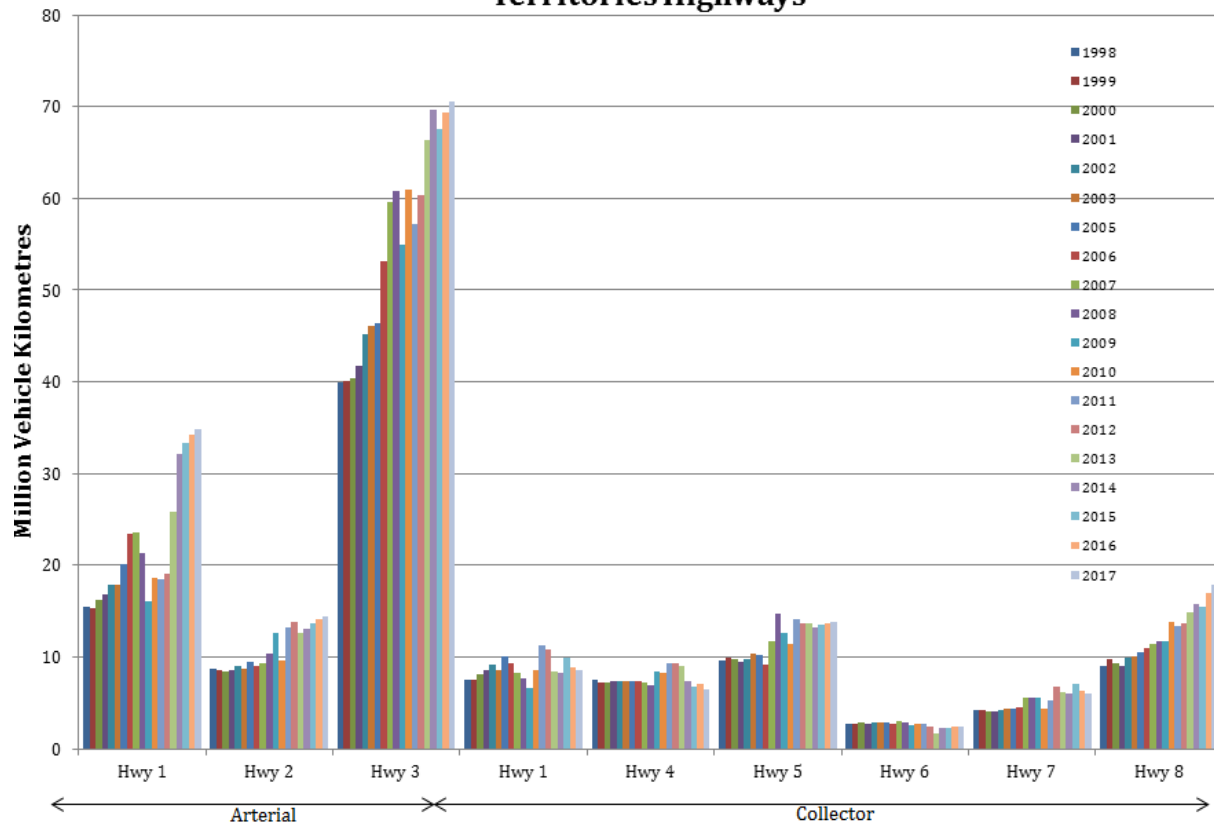
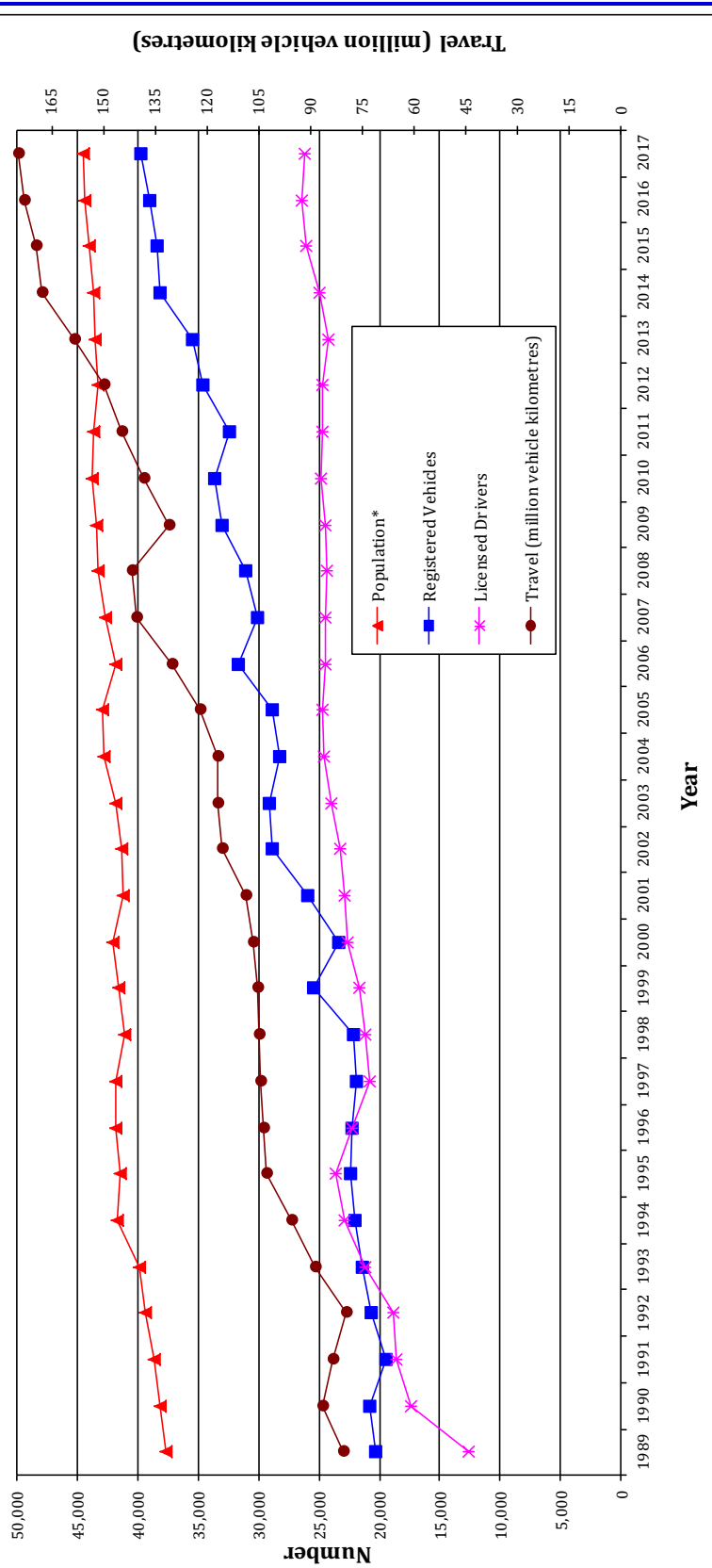


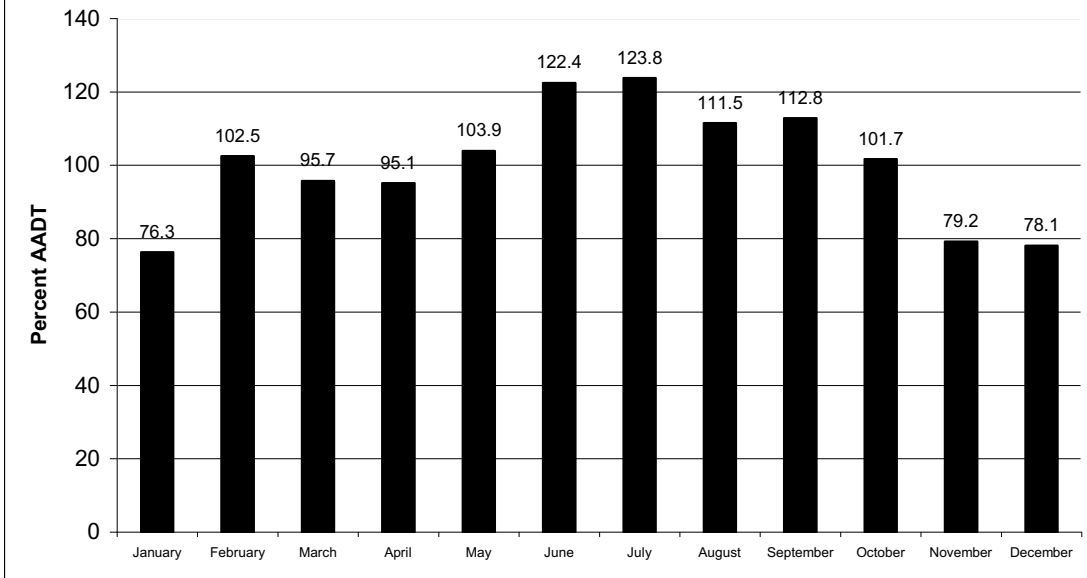
Figure 5 Yearly Trend in Road-Related Indicators



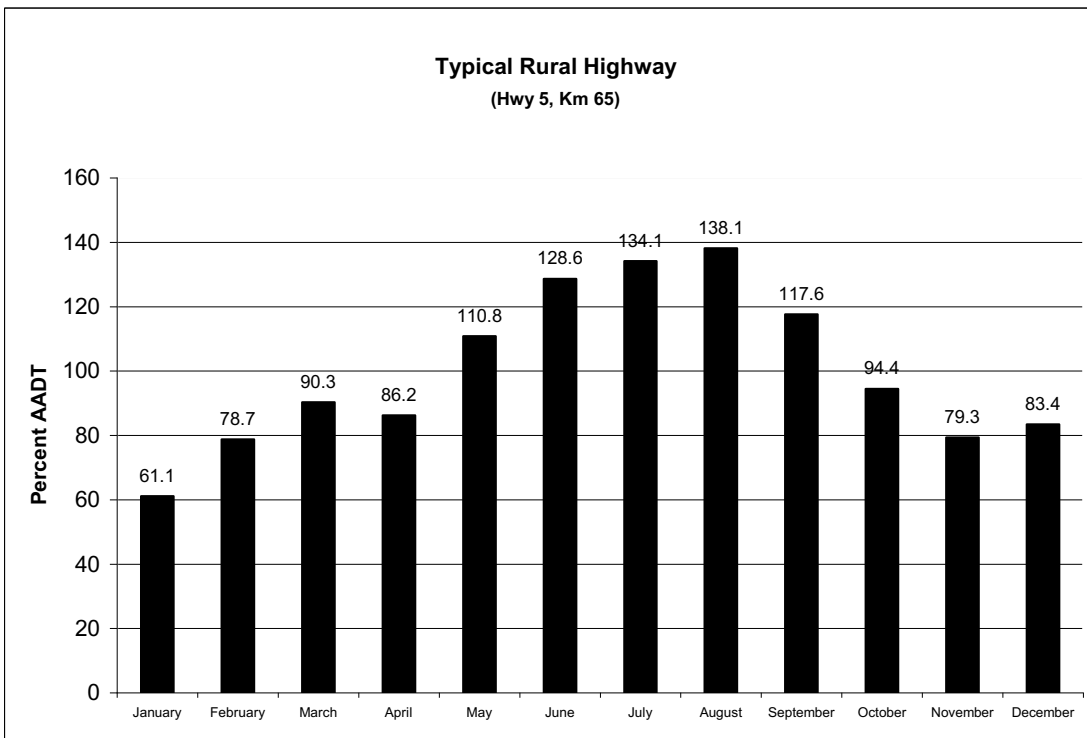
Indicators	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Population*	41,900	42,810	42,982	41,861	42,637	43,282	43,439	43,759	43,675	43,349	43,537	43,623	44,088	44,469	44,520
Registered Vehicles	29,106	28,305	28,934	31,664	30,078	31,042	33,036	33,688	32,391	34,655	35,469	38,185	38,393	38,967	39,706
Licensed Drivers	24,040	24,641	24,703	24,432	24,442	24,323	24,449	24,785	24,691	24,745	24,186	24,942	26,094	26,408	26,158
Travel (million vehicle kilometre)	117.0	117.0	122.0	130.0	140.6	141.7	131.0	138.3	144.8	149.8	158.5	167.7	169.5	173.0	174.9

*Source: Northwest Territories Stats Bureau

Figure 6
Distribution of Monthly Traffic
Typical Near Urban Highway
 (Hwy 3, Km 338)



Typical Rural Highway
 (Hwy 5, Km 65)



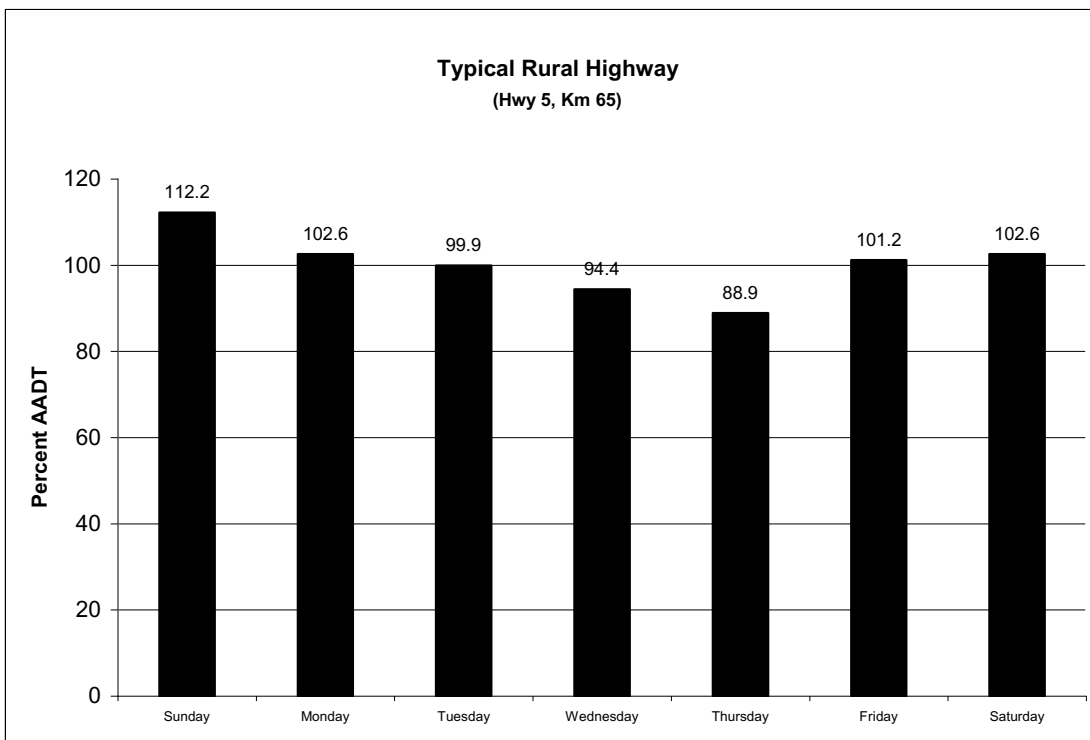
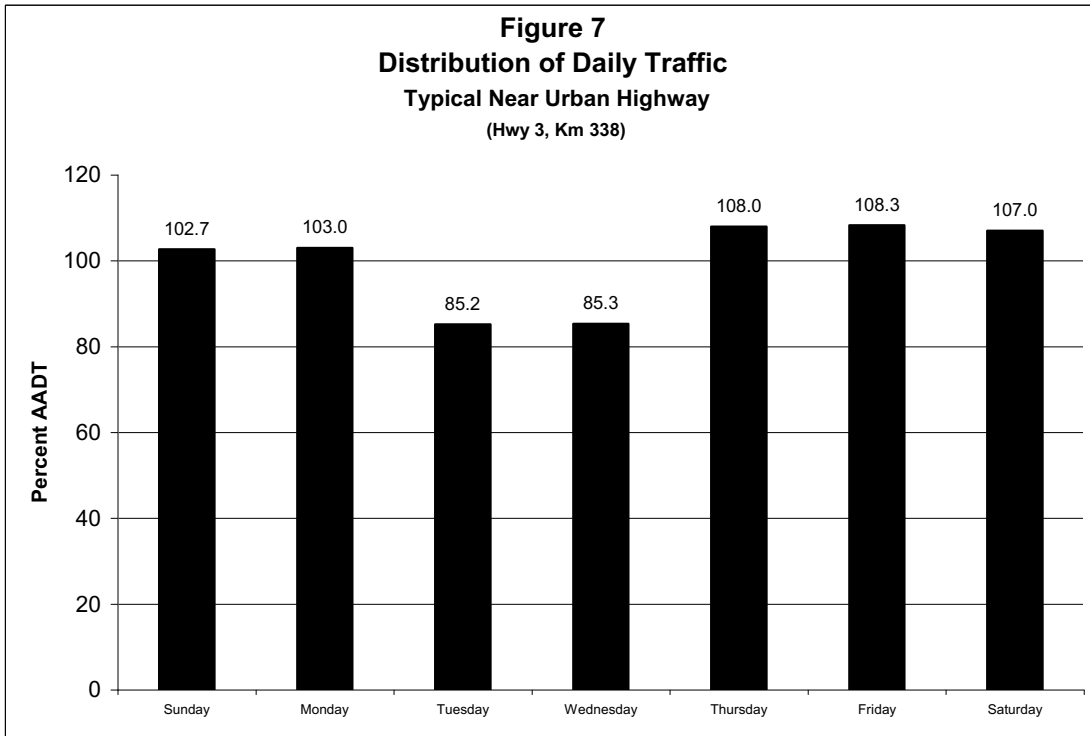
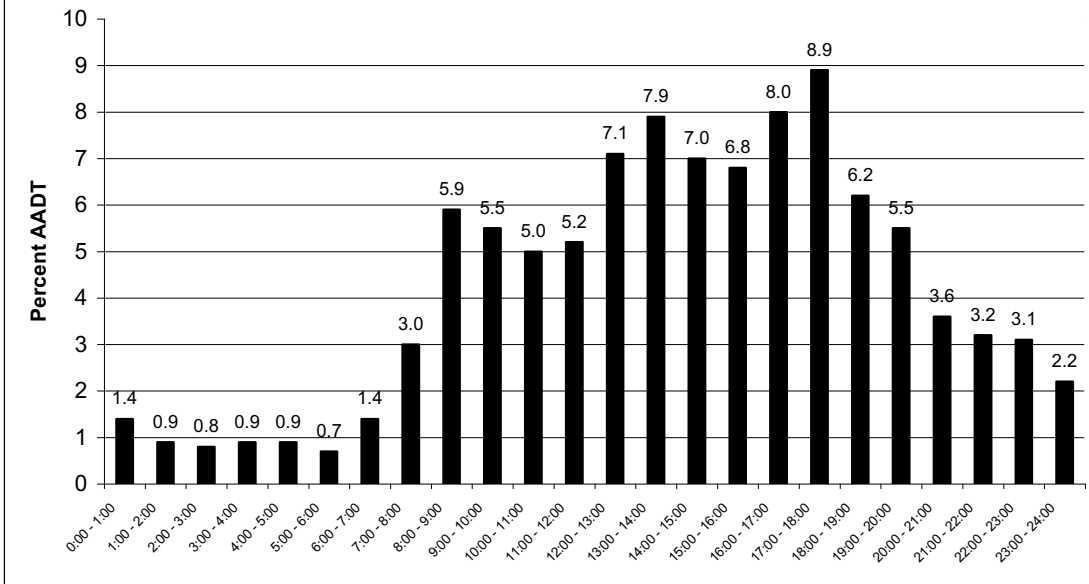


Figure 8
Distribution of Hourly Traffic
Typical Near Urban Highway
 (Hwy 3, Km 338)



Typical Rural Highway
 (Hwy 5, Km 65)

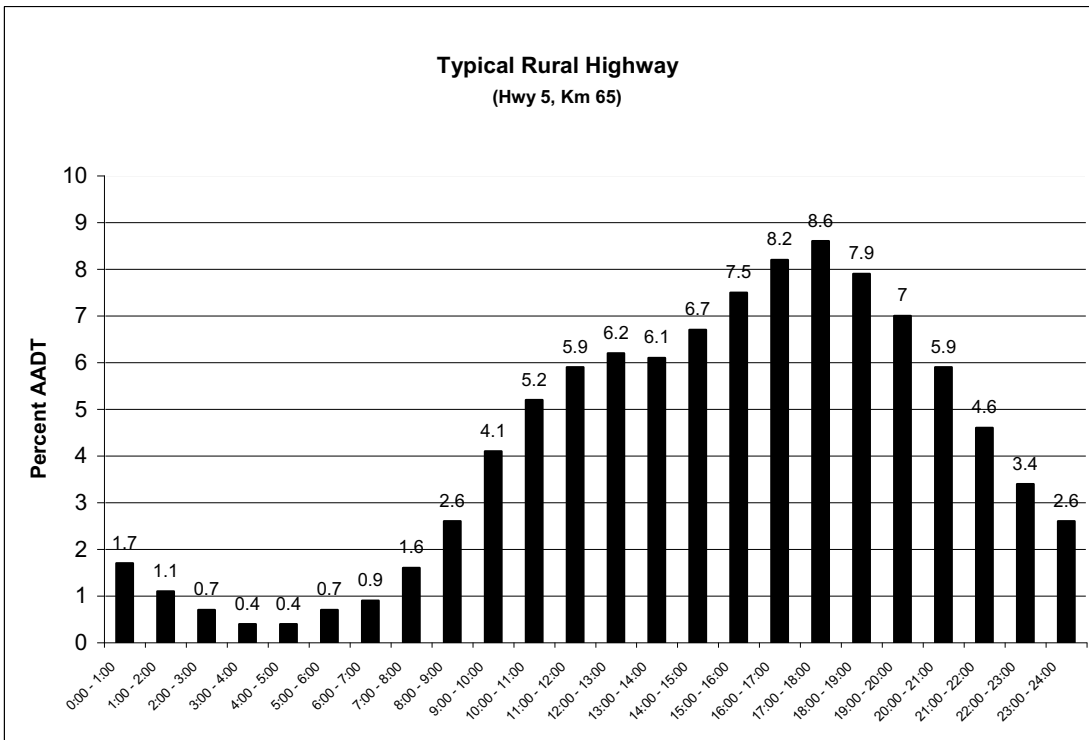
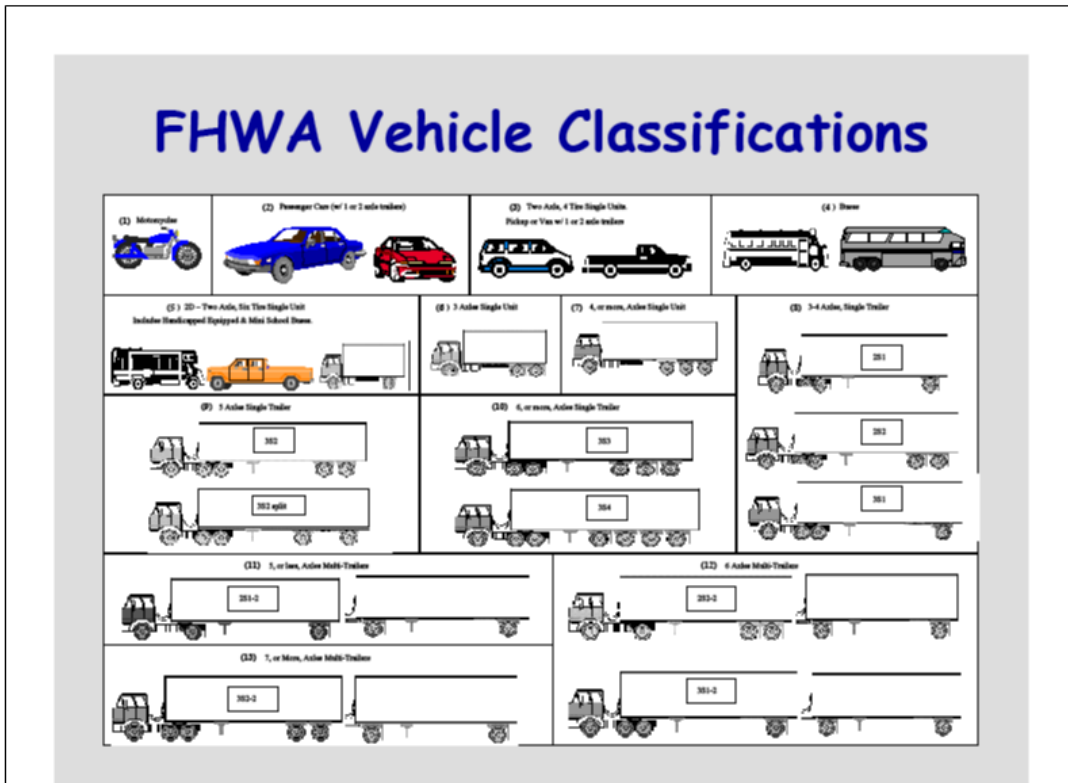
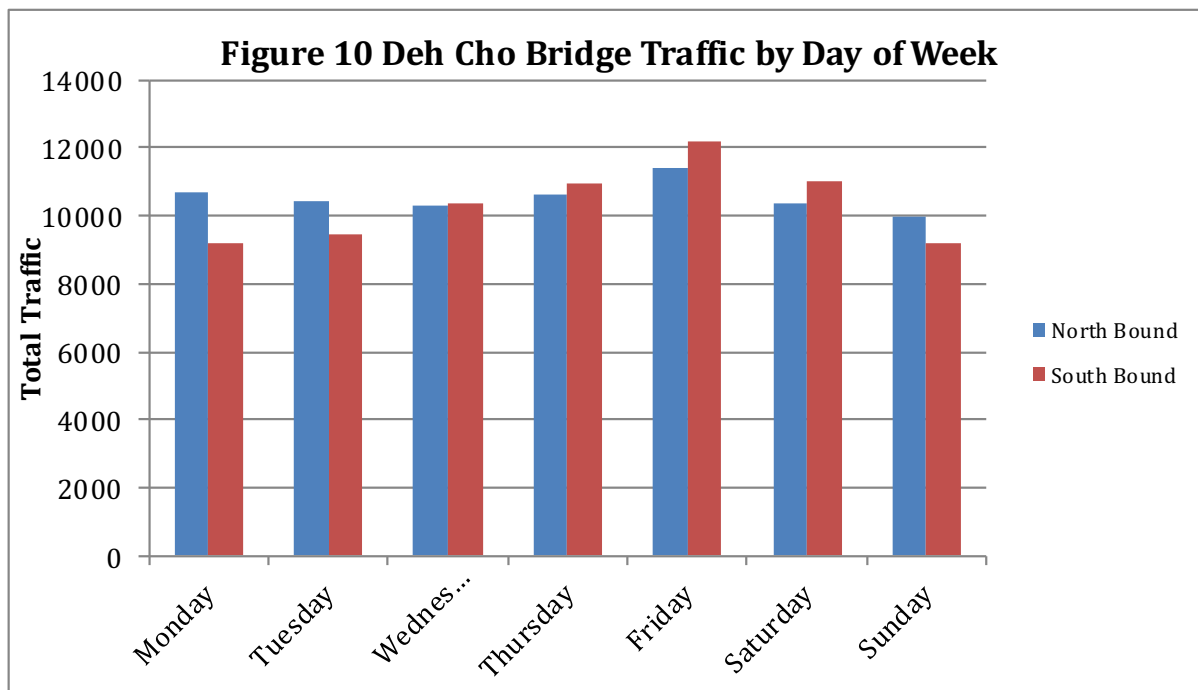
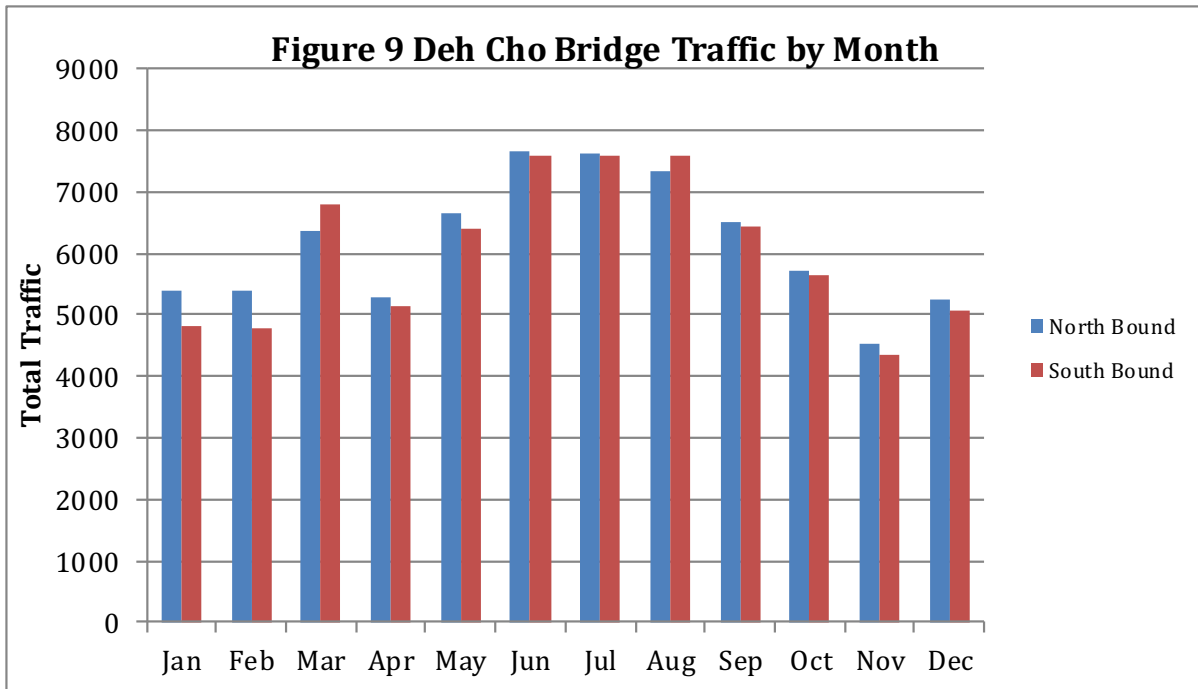
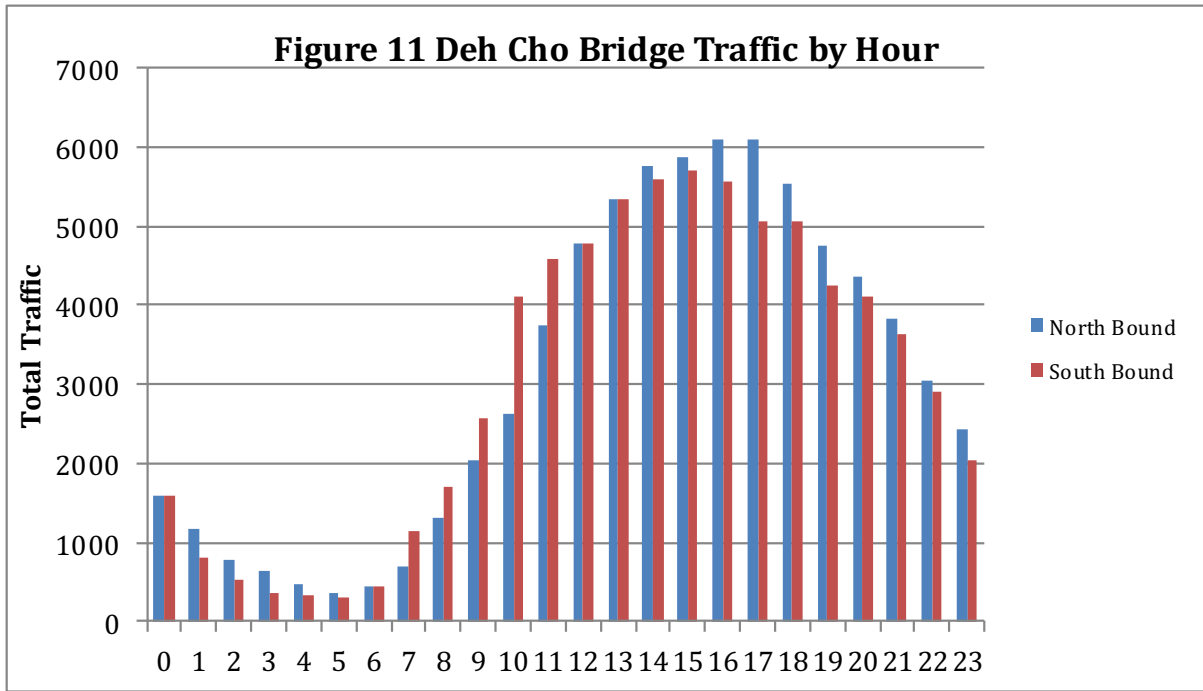


Table 9 Traffic on the Deh Cho Bridge by Month and FHWA Vehicle Class

FHWA Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0	0	1	13	20	45	48	32	5	1	0	0	165
2	606	596	642	793	1,122	1,548	1,477	1,084	719	615	827	835	10,864
3	3,313	3,114	3,714	4,512	5,743	6,428	6,413	6,586	5,276	4,702	3,945	3,859	57,605
4	13	11	10	15	10	22	17	19	33	24	16	9	199
5	2,686	2,683	4,020	3,439	4,929	5,538	5,326	5,207	4,817	3,650	1,602	2,420	46,317
6	287	242	233	117	202	140	209	194	110	107	173	162	2,176
7	17	15	6	1	3	6	3	12	3	4	6	6	82
8	38	42	23	17	8	11	8	9	2	3	13	22	196
9	535	641	729	450	472	433	536	557	511	519	430	593	6,406
10	559	779	1,000	368	340	341	368	399	368	358	332	307	5,519
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	2,173	2,022	2,794	695	589	717	797	826	1,102	1,354	1,548	2,118	16,735
Total	10,227	10,145	13,172	10,420	13,438	15,229	15,202	14,925	12,946	11,337	8,892	10,331	146,264
ADT	330	362	425	347	433	508	490	481	432	366	296	333	AADT: 401







Section 3.0 Vehicle Movements at Ferries and Weigh Scales

Table 10 Average Daily Traffic on Highway Ferries

Ferry Crossing	Location	Ferry	Vehicle Type	Year																
				2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006					
Liard River	Highway 1, near Fort Simpson	M.V. Lafferty	Commercial Vehicles	17	17	23	20	21	37	36	20	19	20	17	17					
			Light Vehicles	90	97	108	91	91	128	92	90	96	83	84	81					
			Trailers Towed	10	9	10	8	9	17	9	8	8	7	7	7					
			Total	117	123	140	119	121	182	138	118	123	110	108	106					
Mackenzie River	Highway 8, near Tsigehtchic	M.V. Louis Cardinal	Commercial Vehicles	17	19	18	18	10	25	20	40	27	24	23	18					
			Light Vehicles	115	108	93	99	95	106	116	108	109	122	119	99					
			Trailers Towed	8	6	6	5	4	8	7	9	10	8	11	8					
			Total	140	133	117	122	109	140	142	157	146	154	152	125					
Peel River	Highway 8, near Fort McPherson	C.F. Abraham Francis	Commercial Vehicles	20	22	24	15	20	30	45	42	25	22	19	18					
			Light Vehicles	84	75	81	79	91	87	105	100	88	69	82	71					
			Trailers Towed	5	8	8	11	5	7	7	9	7	6	10	7					
			Total	109	106	113	105	116	124	157	151	120	97	111	96					
Mackenzie River	Highway 1, near Camsell Bend	M.V. Johnny Berens	Commercial Vehicles	2	2	3	2	7	15	44	14	14	11	3	3					
			Light Vehicles	20	19	22	19	15	4	9	5	5	9	18	16					
			Trailers Towed	2	1	1	1	2	1	2	1	1	1	1	1					
			Total	23	23	26	22	23	21	55	20	19	21	21	21					

Figure 12
Average Daily Traffic on Highway Ferries

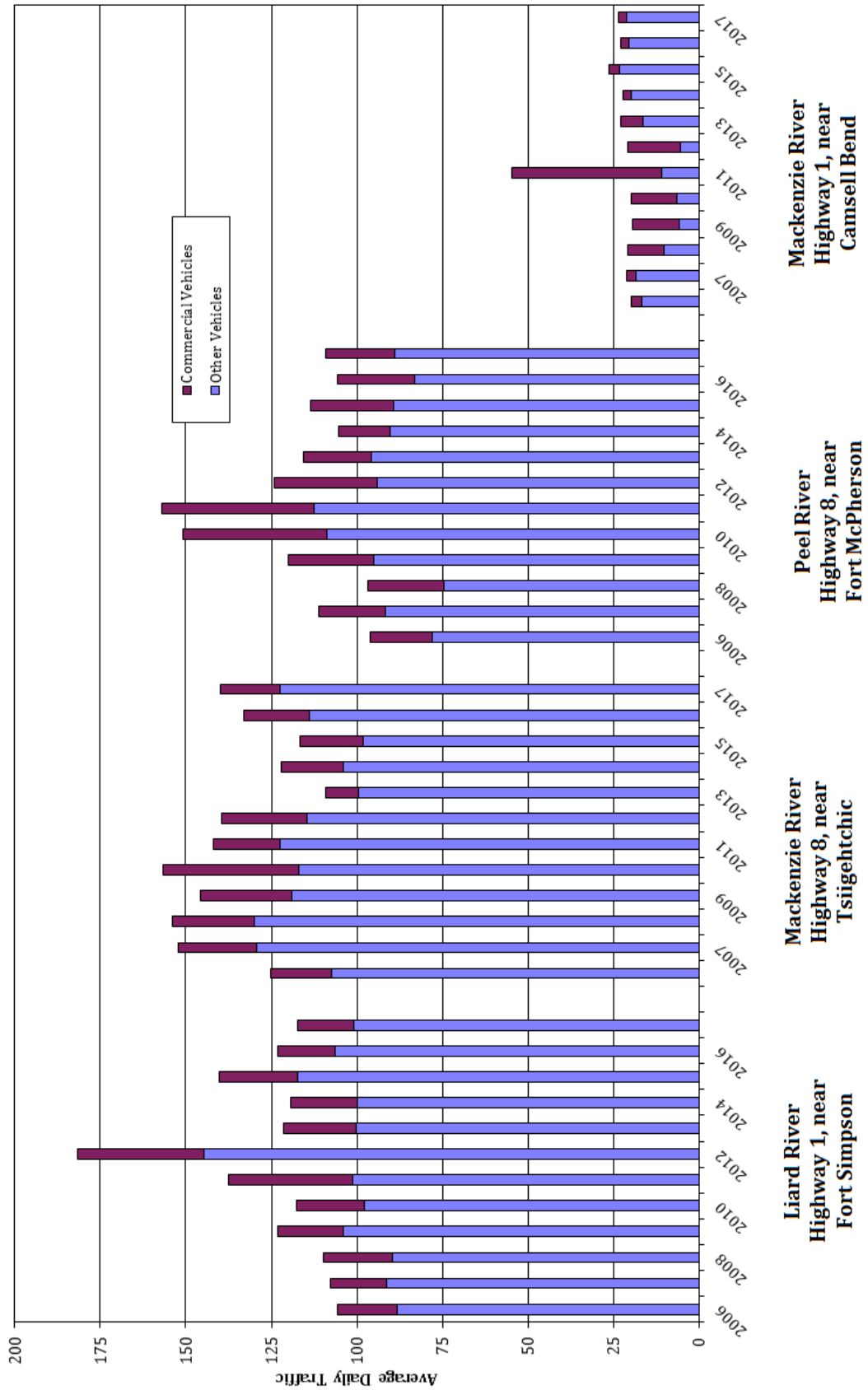


Table 11 Vehicle Classification Data at Liard River Ferry (Highway 1 near Fort Simpson, M.V. Lafferty

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total			Total Commercial	Number of Passengers
								Bus	Other	Over size		
16-May-17	3-Nov-17	1,804	113	85.25	8.26	2.16	3.27	0.06	1.00	0.00	6.49	3,359
	May-17	3,744	125	76.79	9.67	4.94	6.54	0.11	1.95	0.00	13.54	7,053
	Jun-17	3,493	113	73.49	11.14	3.66	8.36	0.06	2.18	1.12	15.37	6,861
	Jul-17	3,799	123	74.41	10.58	4.61	7.48	0.08	2.11	0.74	15.00	7,426
	Aug-17	4,012	134	74.53	8.42	3.86	11.02	0.70	1.42	0.70	17.05	7,309
	Sep-17	3,023	98	82.14	4.80	5.00	5.99	0.10	1.92	0.10	13.07	5,401
	Oct-17	211	70	81.52	3.79	8.06	5.69	0.00	0.95	0.00	14.69	368
	Nov-17	20,086	117	76.93	8.93	4.23	7.54	0.49	1.81	0.49	14.14	37,777
	Total	2,080	90	85.10	6.44	2.98	3.61	0.14	1.73	0.14	8.46	3,719
	9-May-16	1-Nov-16	3,726	124	78.80	8.80	4.35	6.12	0.08	1.74	0.08	12.40
May-16	Jun-16	4,858	157	76.33	8.07	4.71	8.56	0.29	1.98	0.29	15.60	8,902
Jul-16	Aug-16	3,822	123	76.24	9.08	4.42	8.61	0.47	1.18	0.47	14.68	7,177
Sep-16	Oct-16	3,897	130	77.50	7.08	5.06	8.44	0.21	1.57	0.21	15.42	7,189
Nov-16	Total	13	13	61.54	15.38	7.69	7.22	0.03	1.40	0.03	12.95	5,664
9-May-15	5-Nov-15	21,678	123	78.67	7.55	4.41	7.45	0.23	1.62	0.23	13.77	39,861
May-15	Jun-15	2,206	96	84.32	5.26	3.67	4.13	0.00	2.49	0.00	10.43	4,305
Jul-15	Aug-15	4,390	146	75.58	9.00	5.06	7.65	0.09	2.55	0.07	15.42	8,454
Sep-15	Oct-15	4,724	152	75.91	8.81	5.10	7.62	0.02	1.95	0.02	15.28	8,665
Nov-15	Total	5,094	164	75.74	8.17	5.93	8.42	0.20	1.53	0.20	16.10	9,383
May-15	Jun-15	4,833	161	78.27	4.06	4.70	5.48	0.83	3.15	0.83	17.67	7,635
Jul-15	Aug-15	3,503	113	75.34	4.74	6.31	11.33	0.54	1.74	0.54	19.93	5,733
Sep-15	Oct-15	479	96	77.04	4.59	6.05	9.81	0.00	2.51	0.00	18.37	731
Nov-15	Total	25,229	140	76.95	6.85	5.24	7.63	0.29	1.62	0.29	16.21	44,906
12-May-14	4-Nov-14	21,012	119	76.50	7.11	4.79	9.15	0.12	2.18	0.12	16.39	40,316
19-May-13	8-Nov-13	21,016	121	75.17	7.33	5.72	9.18	0.36	2.18	0.36	17.51	39,113
14-May-12	26-Oct-12	29,959	182	70.46	9.20	3.25	14.41	0.30	2.13	0.30	20.34	54,407
13-May-11	3-Nov-11	23,938	138	67.05	6.46	16.58	7.77	0.30	1.72	0.30	26.49	43,016
10-May-10	8-Nov-10	21,402	118	76.75	6.52	4.27	9.98	0.29	1.99	0.29	16.74	41,124
15-May-09	4-Nov-09	21,318	123	77.77	6.65	3.62	9.18	0.80	1.79	0.80	15.58	40,876
16-May-08	3-Nov-08	18,744	110	75.61	6.27	3.53	12.07	0.22	2.10	0.22	18.12	34,601
9-May-07	7-Nov-07	19,615	108	77.84	6.83	3.48	8.84	0.25	2.50	0.27	15.33	36,622
17-May-06	2-Nov-06	17,841	106	77.10	6.48	3.81	8.78	1.09	2.42	1.09	16.42	36,823
11-May-05	5-Nov-05	18,431	104	73.46	6.15	4.42	12.98	0.12	2.54	0.12	20.38	37,563
17-May-04	26-Oct-04	17,664	109	76.14	5.96	3.88	10.15	0.32	3.34	0.32	17.91	36,336
13-May-03	4-Nov-03	17,193	98	77.18	6.67	4.25	8.95	0.22	2.45	0.22	16.16	35,679

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

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Percent of Total			Other Commercial	Number of Passengers	
							Truck Semi Trailer	Over size	Bus			
4-Jun-17	4-Nov-17	3,702	137	78,90	7,19	1,67	6,00	1,73	0,19	4,32	13,91	6,986
		4,704	157	76,74	8,65	1,64	5,00	1,28	0,53	6,16	14,60	8,747
		5,509	178	83,64	6,06	1,00	2,87	2,26	0,45	3,58	10,29	11,147
		3,767	122	86,04	3,29	1,51	3,88	2,50	0,13	2,65	10,67	8,002
		3,425	114	84,38	1,64	1,78	7,39	2,28	0,26	2,28	13,99	7,720
		293	73	88,40	2,73	1,37	0,34	1,37	5,80	0,00	8,87	728
		Total	140	81,91	5,58	1,48	4,74	2,02	0,41	3,86	12,50	43,330
29-May-16	7-Dec-16	215	72	92,09	0,00	0,47	0,47	0,00	0,00	6,98	7,91	369
		4,563	152	82,10	5,30	0,46	5,26	0,96	0,18	5,74	12,60	5,945
		5,276	170	81,29	6,18	2,07	5,91	2,26	0,66	1,63	12,53	8,143
		5,119	165	81,77	5,98	2,52	6,02	1,47	0,21	2,03	12,25	9,147
		4,324	144	78,05	2,38	1,97	13,88	2,54	0,42	0,76	19,57	7,305
		3,229	47	82,78	1,52	1,21	10,59	2,88	0,00	1,02	15,70	5,278
		2326	78	82,46	1,29	0,09	9,11	3,65	0,04	3,35	16,25	3,651
		Total	130	81,44	4,16	1,52	8,02	2,15	0,29	2,41	14,39	39,838
1-Jun-15	15-Dec-15	3,939	131	77,94	7,92	1,12	6,47	0,86	0,25	5,43	14,14	6,808
		4,418	147	79,83	6,99	1,99	5,68	1,43	0,34	3,73	13,17	7,504
		4,714	152	77,73	6,94	2,04	6,47	1,65	0,19	4,99	15,34	8,311
		3,478	112	78,46	2,39	1,55	12,25	3,80	0,32	1,24	19,15	5,394
		3,399	113	81,64	1,35	2,44	9,12	3,27	0,06	2,12	17,01	5,355
		1,760	39	80,40	1,08	1,65	8,86	3,24	0,11	4,66	18,52	2,755
		1271	42	83,08	1,65	1,57	6,22	2,52	0,31	4,64	15,26	2,011
		Total	117	79,36	4,86	1,80	7,75	2,21	0,23	3,79	15,78	38,138
1-Jun-14	5-Dec-14	22,858	122	81,00	4,20	1,53	7,17	2,38	0,14	3,58	14,80	32,523
5-Jun-13	7-Dec-13	20,198	109	87,28	3,99	2,09	3,08	0,41	0,00	3,15	8,73	35,095
3-Jun-12	29-Oct-12	20,660	140	76,15	5,96	5,33	7,71	0,11	0,41	4,33	17,88	36,382
3-Jun-11	31-Oct-11	21,304	142	81,50	4,63	1,69	9,82	0,11	0,10	2,15	13,87	38,688
26-May-10	28-Oct-10	24,266	157	69,19	5,52	4,37	17,21	0,19	0,15	3,38	25,29	42,975
3-Jun-09	25-Oct-09	21,001	146	74,96	6,69	4,64	10,57	0,34	0,06	2,73	18,35	40,431
30-May-08	23-Oct-08	22,479	154	79,49	4,96	4,65	8,57	0,18	0,09	2,06	15,55	41,298
2-Jun-07	22-Oct-07	21,632	152	77,82	7,09	4,28	8,42	0,25	0,10	2,04	15,09	46,879
31-May-06	29-Oct-06	18,883	125	79,44	6,39	3,25	8,52	0,21	0,13	2,06	14,17	37,741
27-May-05	29-Oct-05	23,256	150	79,02	6,85	4,26	7,64	0,18	0,09	1,97	14,13	46,230
4-Jun-04	21-Oct-04	23,574	170	80,24	8,17	2,58	7,61	0,22	0,08	1,09	11,58	40,642
5-Jun-03	1-Nov-03	22,311	150	85,05	4,63	2,25	7,17	0,12	0,16	0,62	10,32	48,269

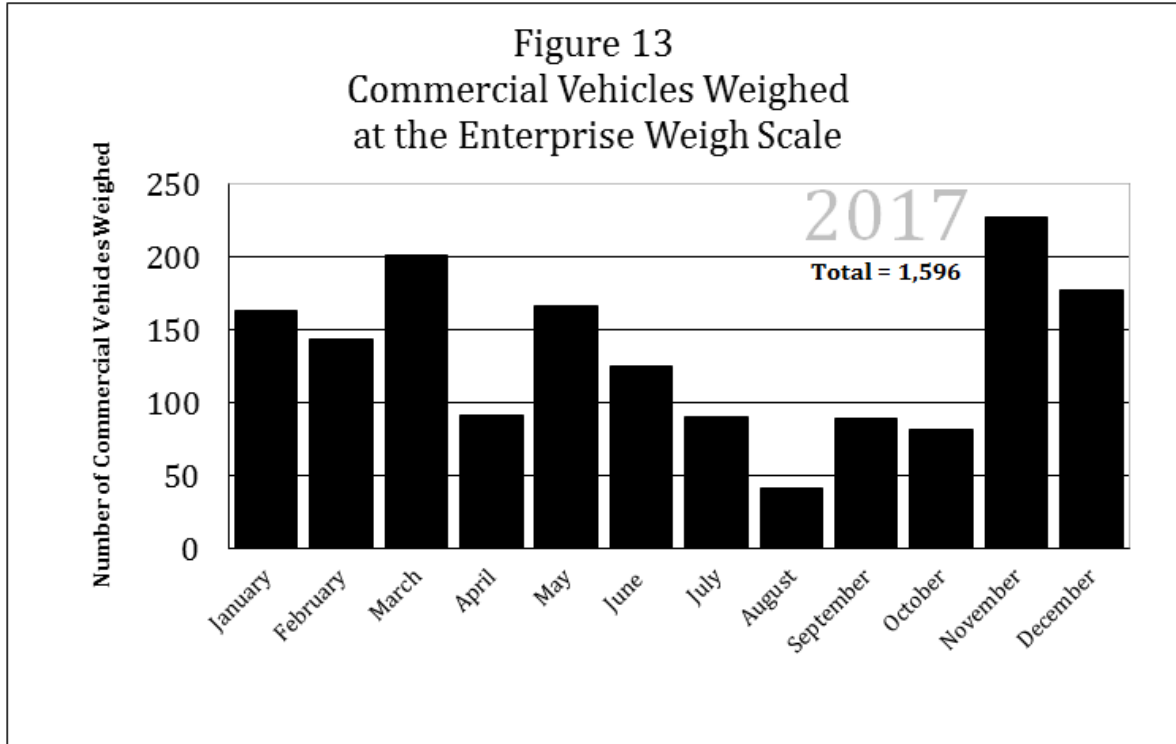
Table 13 Vehicle Classification Data at Peel River Ferry (Highway 8 near Fort McPherson, C.F. Abraham Francis)

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Percent of Total				Number of Passengers
								Bus	Other	Commercial	Total	
8-Jun-17	9-Nov-17	2,183	95	72.38	4.95	4.99	12.83	0.05	0.37	4.44	22.68	3,779
		4,130	138	82.28	5.88	1.57	9.35	0.07	0.34	0.51	11.84	7,648
		6,386	206	77.29	4.60	0.77	14.83	0.02	0.14	2.35	18.10	12,650
		2,365	76	76.70	3.04	1.69	16.45	0.08	0.00	2.03	4,225	4,225
		1,513	50	66.62	1.65	1.19	26.83	0.26	0.00	3.44	31.73	2,507
		223	25	82.06	2.69	0.90	7.17	0.45	0.00	6.73	15.25	366
		16,800	109	76.90	4.45	1.68	14.43	0.07	0.18	2.28	18.65	31,175
2-Jun-16	2-Dec-16	2,955	102	63.96	14.62	0.85	11.00	0.27	0.20	9.10	21.42	5,672
		5,454	182	76.24	8.56	1.25	9.39	0.00	0.17	4.40	15.20	11,508
		4,312	139	71.92	10.18	1.74	12.52	0.02	0.26	3.36	17.90	8,297
		3,340	108	74.52	3.89	2.34	17.25	0.39	0.06	1.56	21.59	6,568
		2,230	74	60.99	1.84	2.06	31.75	0.00	0.00	3.36	37.17	3,588
		1,014	32	66.07	3.35	0.49	24.26	0.00	0.00	5.82	30.57	1,491
		26	1	50.00	0.00	0.00	42.31	0.00	0.00	7.69	50.00	35
		19,331	106	70.77	7.98	1.54	15.09	0.11	0.14	4.36	21.25	37,159
3-Jun-15	8-Dec-15	2,957	106	67.64	11.84	1.86	10.04	0.00	0.24	8.39	20.53	5,129
		5,215	174	76.74	7.98	0.90	9.13	0.02	0.06	5.18	15.28	11,369
		6,281	203	73.49	5.87	1.67	16.61	0.02	0.05	2.29	20.63	12,582
		2,509	81	70.75	5.54	2.95	17.78	0.48	0.08	2.43	23.71	4,689
		2,136	71	67.74	7.26	1.12	17.79	0.33	0.05	5.71	25.00	3,762
		1,195	31	65.19	2.76	1.42	19.16	0.42	0.00	11.05	32.05	1,987
		1,033	34	67.67	2.90	1.45	19.07	0.39	0.00	8.52	29.43	1,687
		21,326	113	71.83	7.00	1.58	14.39	0.14	0.08	4.99	21.18	41,205
30-May-14	1-Dec-14	19,515	105	75.13	10.41	1.05	9.07	0.62	0.49	3.23	14.46	34,461
8-Jun-13	13-Dec-13	21,738	116	78.59	4.28	1.63	13.49	0.40	0.10	1.52	17.13	33,591
3-Jun-12	31-Oct-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	7-Nov-11	24,974	157	66.93	4.69	1.76	24.12	0.14	0.10	2.26	28.39	47,157
1-Jun-10	31-Oct-10	22,912	151	66.38	5.84	2.51	21.18	0.21	0.16	3.73	27.78	44,624
1-Jun-09	5-Nov-09	18,839	120	73.69	5.62	3.03	13.03	0.20	0.19	4.25	20.69	40,127
25-May-08	27-Oct-08	15,005	97	71.38	5.80	1.93	14.78	0.35	0.25	5.50	22.82	29,214
2-Jun-07	19-Oct-07	15,446	111	73.83	8.69	1.78	11.96	0.06	0.19	3.48	17.47	32,294
2-Jun-06	26-Oct-06	14,007	96	74.07	7.22	2.03	12.37	0.11	0.23	3.96	18.70	29,032
25-May-05	24-Oct-05	15,446	102	78.36	5.79	2.04	10.33	0.41	0.14	2.94	15.86	32,264
2-Jun-04	28-Oct-04	19,537	132	68.67	5.94	1.38	8.84	0.26	0.10	14.81	25.39	31,360
4-Jun-03	29-Oct-03	15,715	107	76.46	8.63	1.24	10.38	0.53	0.39	2.37	14.91	32,233

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

Operating Season	Month	Total Traffic	Average Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Percent of Total				Total Commercial	Number of Passengers	
							Truck Trailer	Truck Semi	Over size	Bus			Other
27-May-17	5-Nov-17	144	29	81.25	4.17	9.03	0.00	0.00	0.00	0.00	5.56	14.58	267
	Jun-17	662	22	83.69	7.70	5.44	0.60	0.00	0.00	0.00	1.81	8.61	1,362
	Jul-17	696	22	80.75	6.61	1.72	0.00	0.00	0.00	0.00	1.58	12.64	1,422
	Aug-17	686	22	81.20	8.31	3.79	0.00	0.00	0.00	0.00	2.77	10.50	1,389
	Sep-17	812	27	83.62	6.90	4.06	0.00	0.00	0.00	0.00	0.74	9.48	1,835
	Oct-17	702	20	86.32	3.42	2.71	0.00	0.00	0.00	0.00	2.14	10.26	1,367
	Nov-17	101	3	85.15	3.96	3.96	0.00	0.00	0.00	0.00	2.97	10.89	175
	Total	3,803	23	83.12	6.42	3.76	0.11	0.00	0.00	0.00	1.95	10.47	7,817
18-May-16	1-Nov-16	266	19	88.35	3.38	0.38	0.00	0.00	0.00	0.00	7.52	8.27	502
	Jun-16	633	21	85.15	7.90	2.21	1.26	0.00	0.00	0.00	3.48	6.95	1,198
	Jul-16	654	21	85.93	4.89	3.36	0.00	0.00	0.31	2.14	2.14	9.17	1,433
	Aug-16	831	27	82.67	4.93	4.57	0.00	0.00	0.00	2.53	12.39	1,780	
	Sep-16	707	24	82.74	4.38	6.22	1.41	0.00	0.00	5.23	12.87	1,474	
	Oct-16	695	22	83.88	3.31	1.87	5.18	2.16	0.00	3.60	12.81	1,443	
	Nov-16	25	1	92.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63
	Total	3,811	23	84.33	4.93	3.46	3.18	0.39	0.05	3.65	6.78	10.73	7,893
17-May-15	4-Nov-15	256	17	85.16	6.25	3.91	1.17	0.00	0.00	3.52	8.59	8.59	541
	Jun-15	620	21	79.68	4.35	8.06	5.81	0.00	0.00	2.10	15.97	12.53	1,253
	Jul-15	866	28	87.41	6.24	1.73	2.54	0.00	0.00	2.08	6.35	6.35	1,735
	Aug-15	876	28	86.30	5.14	3.54	3.54	0.00	0.00	1.48	8.56	8.56	1,684
	Sep-15	746	25	85.79	5.09	5.36	3.35	0.00	0.00	0.40	9.12	9.12	1,353
	Oct-15	1,066	30	76.64	5.07	5.35	7.69	0.00	0.00	5.25	18.29	17.33	1,733
	Nov-15	59	2	93.22	0.00	0.00	0.00	5.08	0.00	1.69	6.78	6.78	113
	Total	4,489	26	83.25	5.21	4.52	4.43	0.07	0.00	2.52	11.54	11.54	8,412
22-May-14	5-Nov-14	3,704	22	83.96	5.32	3.27	3.83	0.73	0.11	2.78	10.72	10.72	6,836
24-May-13	8-Nov-13	3,837	23	64.37	6.96	15.98	7.27	3.65	0.52	1.25	28.67	28.67	6,400
24-May-12	28-Oct-12	3,252	21	20.11	6.95	54.77	8.27	6.15	0.00	3.75	72.94	72.94	7,165
20-May-11	2-Nov-11	9,100	55	16.62	3.49	46.32	7.85	24.20	0.03	1.49	79.89	79.89	13,674
14-May-10	31-Oct-10	3,397	20	25.26	6.45	57.93	3.83	3.50	0.09	2.94	68.30	68.30	7,300
22-May-09	2-Nov-09	3,177	19	23.92	5.35	59.87	2.99	3.43	0.03	4.41	70.73	70.73	6,614
3-Jun-08	31-Oct-08	3,129	21	43.67	4.74	40.49	4.58	2.24	0.04	4.25	51.60	51.60	6,367
20-May-07	6-Nov-07	3,594	21	83.17	4.76	4.48	3.39	0.25	0.17	3.78	12.08	12.08	7,711
27-May-06	2-Nov-06	3,155	20	79.90	4.37	8.27	3.36	0.67	0.25	3.17	15.72	15.72	6,512
20-May-05	4-Nov-05	3,327	20	81.97	4.51	7.03	3.37	0.00	0.39	2.74	13.53	13.53	6,858
28-May-04	22-Oct-04	3,242	22	83.44	4.04	6.01	4.60	0.00	0.12	1.79	12.52	12.52	6,670

Figure 13
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
2017	163	144	201	91	166	125	90	41	89	82	227	177	1,596
2016	718	1,404	755	371	186	232	102	263	475	276	388	650	5,820
2015	844	602	842	304	257	217	310	360	464	536	620	400	5,756
2014	838	553	774	280	219	263	268	158	101	368	372	340	4,534
2013	452	430	581	496	392	418	716	683	422	558	693	608	6,449
2012	1,033	1,003	918	512	312	365	682	708	753	455	734	160	7,635
2011	1,284	832	1,520	622	416	615	752	615	692	629	461	529	8,967
2010	694	1,036	1,118	406	699	278	296	641	460	307	465	511	6,911
2009	1,053	1,187	1,757	973	659	851	939	401	876	658	797	710	10,861
2008	2,187	2,739	2,551	939	1,102	1,545	1,469	1,081	1,391	1,417	1,301	1,098	18,820
2007	2,405	3,916	3,992	866	888	1,129	1,006	1,069	1,752	1,578	1,548	1,311	21,460
2006	1,874	3,190	3,942	805	696	1,049	701	892	1,286	1,209	1,143	1,020	17,807
2005	1,816	3,378	4,187	907	667	987	1,387	1,000	1,080	1,024	1,363	1,120	18,916

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

Figure 14
Overweight Permits Issued

2017													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	0	0	0	12	1	0	0	0	1	0	0	0	14
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line	104	113	173	41	20	19	37	68	45	53	54	37	764
Total	104	113	173	53	21	19	37	68	46	53	54	37	778
2016													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	11	2	0	0	0	2	0	7	0	0	0	22
Inuvik Weigh Scale	1	0	0	0	1	0	0	0	1	0	0	0	3
24/7 Permitting Centre	48	83	126	37	4	1	1	2	1	0	0	0	303
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	7	27	32	4	0	0	1	0	1	0	0	0	72
On-Line	0	0	0	0	7	29	31	62	113	127	37	51	457
Total	56	121	160	41	12	30	35	64	123	127	37	51	857
2015													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	2	6	13	3	1	1	2	1	2	19	0	1	51
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	29	70	79	7	0	11	32	43	18	29	26	42	386
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	25	43	2	0	3	1	2	2	1	1	0	85
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	36	101	135	12	1	15	35	46	22	49	27	43	522
2014													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	8	16	60	2	0	2	2	1	2	9	1	0	103
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	39	82	141	14	5	11	30	24	35	44	28	20	473
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	9	5	0	0	0	2	3	2	0	0	4	25
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	47	107	206	16	5	13	34	28	39	53	29	24	601
2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	6	12	41	11	2	3	1	7	4	6	2	3	98
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	78	100	127	27	6	4	18	36	17	28	20	3	464
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	48	14	10	7	0	0	1	12	4	0	1	0	97
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	132	126	178	45	8	7	20	55	25	34	23	6	659
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	1	2	4	4	2	1	14
Inuvik Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
24/7 Permitting Centre	74	89	167	5	3	5	49	51	52	62	20	26	603
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	1	5	3	4	2	14	29
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	74	89	167	5	3	5	51	59	59	70	24	41	647

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 15
Overdimension Permits Issued

2017													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	1	0	0	0	0	0	0	0	0	0	1
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	0	1	1	25	3	1	0	0	5	2	0	1	39
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line	179	239	491	107	70	108	131	153	119	106	84	58	1,845
Total	179	240	493	132	73	109	131	153	124	108	84	59	1,885
2016													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	3	15	3	5	4	0	2	0	7	0	0	0	39
Inuvik Weigh Scale	4	0	0	0	1	2	0	0	1	0	0	0	8
24/7 Permitting Centre	138	347	529	123	39	28	23	3	2	0	0	0	1,232
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	9	43	49	7	0	6	1	0	1	0	0	0	116
On-Line	0	0	0	0	79	439	757	1,043	711	128	103	121	3,381
Total	154	405	581	135	123	475	783	1,046	722	128	103	121	4,776
2015													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	5	15	24	7	9	7	6	11	10	17	3	3	117
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	223	464	592	102	88	190	206	131	108	159	113	112	2,488
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	6	33	56	6	0	5	8	6	7	13	2	0	142
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	234	512	672	115	97	202	220	148	125	189	118	115	2,747
2014													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	8	17	74	3	5	9	6	1	15	11	9	2	160
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	209	399	476	76	93	138	239	209	340	191	119	92	2,581
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	20	7	0	0	2	13	18	11	0	5	6	83
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	218	436	557	79	98	149	258	228	366	202	133	100	2,824
2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	11	14	72	24	15	18	10	21	22	34	6	9	256
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	274	266	390	148	139	122	183	253	145	161	95	55	2,231
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	47	22	16	7	0	2	10	29	8	2	3	1	147
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	332	302	478	179	154	142	203	303	175	197	104	65	2,634
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	5	5	9	4	7	2	32
Inuvik Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
24/7 Permitting Centre	1,066	1,175	696	119	189	149	229	180	158	176	105	84	4,326
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	2	8	7	13	10	17	57
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,066	1,175	696	119	189	149	236	194	174	193	122	103	4,416

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 16
Registration Permits Issued (non-NWT Carriers)

2017													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	2
24/7 Permitting Centre	9	6	10	20	20	17	24	31	43	16	11	12	219
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line	692	679	657	300	305	398	421	399	405	353	339	378	5,326
Total	701	685	667	320	325	415	445	430	448	369	350	392	5,547
2016													
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	672	1,215	751	308	283	258	99	26	13	35	3	11	3,674
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	0	0	0	0	30	185	363	515	500	338	457	344	2,732
Total	672	1,215	751	308	313	443	462	541	513	373	460	355	6,406
2015													
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	701	1,189	701	352	299	474	444	505	501	402	338	381	6,287
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	701	1,189	701	352	299	474	444	505	501	402	338	381	6,287
2014													
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	930	1,058	859	319	287	549	617	606	624	430	366	473	7,118
Inuvik Regional Office	0	2	0	0	0	2	1	3	3	1	0	0	12
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	930	1,060	859	319	287	551	618	609	627	431	366	473	7,130
2013													
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	882	905	765	459	327	439	524	693	590	523	408	367	6,882
Inuvik Regional Office	0	0	2	1	0	0	0	0	1	0	0	0	4
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	882	905	767	460	327	439	524	693	591	523	408	367	6,886
2012													
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	684	791	734	241	243	360	465	392	627	399	380	342	5,658
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	684	791	734	241	243	360	465	392	627	399	380	342	5,658

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 17
Fuel Tax Permits Issued

2017													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	0	1	2	118	15	13	1	5	27	4	8	3	197
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line	865	1,193	1,415	434	583	614	720	681	640	615	500	668	8,928
Total	865	1,194	1,417	552	598	627	721	686	667	619	508	671	9,125
2016													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	1	6	1	5	4	2	1	0	2	0	0	0	22
Inuvik Weigh Scale	1	0	0	0	0	2	0	0	1	0	0	0	4
24/7 Permitting Centre	893	1,642	1,354	492	382	295	109	17	3	12	2	0	5,201
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	6	19	10	0	0	1	0	0	0	0	0	0	36
Fort Liard Weigh Scale	0	0	0	0	51	313	587	839	656	512	590	592	4,140
On-Line													
Total	901	1,667	1,365	497	437	613	697	856	662	524	592	592	9,403
2015													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	5	11	4	4	8	7	6	9	7	10	3	2	76
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	995	1,526	1,651	515	465	639	601	577	715	703	637	709	9,733
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	6	27	17	1	0	1	3	1	6	11	2	0	75
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line													
Total	1,006	1,564	1,672	520	473	647	610	587	728	724	642	711	9,884
2014													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	6	9	20	0	4	3	5	1	10	4	3	1	66
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	938	1,057	1,235	447	393	571	806	641	919	597	570	634	8,808
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	11	3	0	0	2	9	14	8	0	2	6	56
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line													
Total	945	1,077	1,258	447	397	576	820	656	937	601	575	641	8,930
2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	8	7	13	2	5	12	1	10	4	15	3	7	87
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	1,061	952	1,091	488	456	596	656	853	688	704	481	415	8,441
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	24	8	7	3	0	0	1	19	7	1	3	1	74
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line													
Total	1,093	967	1,111	493	461	608	658	882	699	720	487	423	8,602
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	1	3	4	1	3	1	13
Inuvik Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
24/7 Permitting Centre	969	1,076	1,316	347	383	501	706	689	772	601	535	433	8,328
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	4	7	7	1	19
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Line													
Total	969	1,076	1,316	347	383	501	707	693	780	609	545	435	8,361

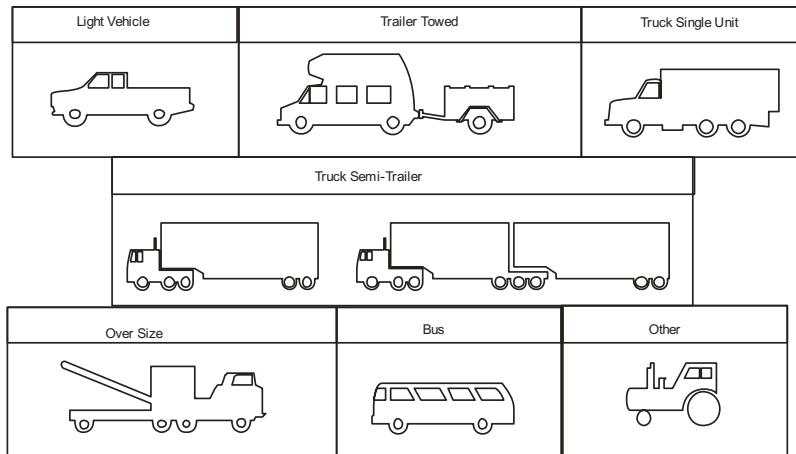
NOTE: Overweight and Overdimension permits are issued for a single trip. Prior to 2003, combination overweight and overdimension permits were counted as one overdimension permit only.

Table 15 Vehicle Classification at the Enterprise Weigh Scale

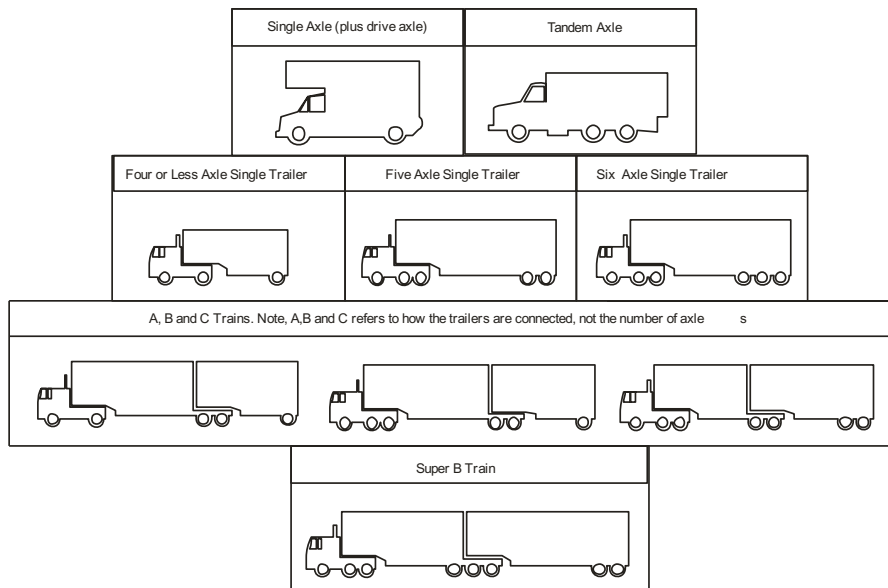
Unit Type	2017												12 Month Total	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	9	2	3	12	13	11	5	3	7	6	22	9	102	
Tandem	4	0	5	3	9	1	3	1	1	0	1	2	30	
4-Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Axle	83	94	123	56	115	75	54	26	53	58	127	82	946	
6 Axle	3	2	6	3	0	3	0	3	1	0	0	0	21	
A Train	0	0	0	1	0	0	2	0	0	0	0	0	3	
B Train	0	1	0	0	1	0	0	0	0	0	1	0	3	
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	
Super B	64	45	64	16	28	35	26	8	27	18	76	84	491	
Logging Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	163	144	201	91	166	125	90	41	89	82	227	177	1,596	
Unit Type	2016												12 Month Total	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	15	25	14	14	10	6	11	19	21	7	9	25	176	
Tandem	29	35	57	46	16	15	4	26	81	33	14	30	386	
4-Axle	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Axle	249	472	274	110	80	98	44	92	119	78	81	156	1,853	
6 Axle	65	151	73	17	6	27	8	19	40	10	14	176	606	
A Train	46	44	27	22	11	15	4	6	22	15	15	12	239	
B Train	7	6	10	14	4	2	0	4	6	5	3	3	64	
C Train	1	1	0	0	0	0	0	1	0	0	0	0	3	
Super B	283	651	299	148	59	68	31	96	186	127	252	248	2,448	
Logging Truck	23	19	1	0	0	1	0	0	0	1	0	0	45	
Total	718	1404	755	371	186	232	102	263	475	276	388	650	5,820	
Unit Type	2015												12 Month Total	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	22	10	13	14	7	0	0	0	0	0	0	0	66	
Tandem	15	10	13	3	15	18	17	24	23	17	31	24	210	
4-Axle	1	2	1	0	9	2	6	8	5	20	46	6	106	
5 Axle	182	108	187	91	107	89	146	121	192	195	201	136	1,755	
6 Axle	214	189	285	64	10	0	0	0	0	0	0	0	762	
A Train	39	27	22	20	18	17	29	32	17	34	23	16	294	
B Train	0	0	0	0	2	2	9	13	1	15	4	2	48	
C Train	0	0	0	1	2	0	0	1	1	2	1	0	8	
Super B	360	245	313	111	87	87	102	161	225	252	313	213	2,469	
Logging Truck	11	11	8	0	0	2	1	0	0	1	1	3	38	
Total	844	602	842	304	257	217	310	360	464	536	620	400	5,756	
Unit Type	2014												12 Month Total	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	24	9	12	13	15	3	6	1	3	7	10	9	112	
Tandem	13	9	12	3	2	13	11	7	5	6	14	7	102	
4-Axle	0	2	1	0	0	0	0	0	0	0	0	0	3	
5 Axle	179	99	172	84	81	78	43	32	18	89	75	58	1,008	
6 Axle	211	174	262	59	37	41	80	42	29	87	84	64	1,170	
A Train	36	25	20	18	22	18	22	11	4	24	18	23	241	
B Train	0	0	0	0	1	0	0	1	0	4	0	1	7	
C Train	0	0	0	1	3	4	0	0	0	3	0	0	11	
Super B	367	225	288	102	58	106	106	64	42	148	171	170	1,847	
Logging Truck	8	10	7	0	0	0	0	0	0	0	0	8	33	
Total	838	553	774	280	219	263	268	158	101	368	372	340	4,534	
Unit Type	2013												12 Month Total	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	10	5	11	20	19	20	13	23	16	7	14	21	179	
Tandem	18	15	13	17	43	33	43	39	48	20	19	21	329	
4-Axle	2	1	3	7	1	0	0	3	2	1	1	0	21	
5 Axle	83	65	126	141	108	108	176	165	96	134	156	137	1,495	
6 Axle	134	108	175	122	84	115	259	245	113	138	66	97	1,656	
A Train	29	18	31	61	43	46	48	46	18	39	46	46	471	
B Train	0	0	0	0	0	1	6	1	1	0	0	0	9	
C Train	0	0	0	0	0	2	0	0	0	0	0	0	2	
Super B	170	205	221	128	94	93	171	161	128	219	386	272	2,248	
Logging Truck	6	13	1	0	0	0	0	0	0	0	5	14	39	
Total	452	430	581	496	392	418	716	683	422	558	693	608	6,449	
Unit Type	2012												12 Month Total	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	22	16	8	10	21	7	12	12	14	6	16	5	149	
Tandem	38	13	17	8	24	12	24	29	32	19	17	5	238	
4-Axle	4	4	7	4	0	0	11	2	6	2	0	0	40	
5 Axle	229	211	208	125	100	129	137	127	148	97	143	34	1,688	
6 Axle	242	208	235	110	74	80	197	308	217	129	157	27	1,984	
A Train	89	73	60	68	45	61	87	70	65	45	71	20	754	
B Train	1	3	4	1	1	1	1	4	1	0	0	0	17	
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	
Super B	388	452	367	186	47	75	213	156	270	157	330	69	2,710	
Logging Truck	20	23	12	0	0	0	0	0	0	0	0	0	55	
Total	1033	1003	918	512	312	365	682	708	753	455	734	160	7,635	

Figure 18
Vehicle Classifications

Highway Ferries



Weigh Scale Classification



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

Appendix A

Historical Data

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

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

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

Appendix B

Data Processing Methodology

Data Processing Methodology

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

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

Step One

- If less than one week of data is missing, an average of the hourly count in the week prior and the week following is calculated and applied to the missing data.
- If over one week of data is missing but less than a month, the first step is to obtain the data from the previous year. If the data cannot be found, an average of the first prior week and the first following week is calculated and applied to the missing data.
- If over one month of data is missing, data from previous years is applied through a growth rate algorithm. The results are analysed for accuracy and completeness through comparisons with other traffic counter sites, data from other sources and previous experience.
- Growth rate is determined at each site by comparing available monthly average daily traffic from year to year and averaging over the last four years.

Appendix B

Data Processing Methodology (continued)

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.

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

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 as listed in the Acknowledgements section of this report.

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

English

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

French

Kĩspin ki nitawih̄tĩn ē nĩhĩyawih̄k ōma ācimōwin, tipwāsinān.

Cree

Tłıchq̄ yatı k'èè. Dı wegodı newq̄ dè, gots'ō gonede.

Tłıchq̄

ʔerih̄tł'ıs Dēne Sųłné yatı t'a huts'elk̄er xa beyáyatı thez̄a zat'e, nuwe ts'ēn yółtı.

Chipewyan

Edı gondı dehgh̄a got'ıe zhatıé k'éé edat'éh enahddh̄e nıde naxets'é edah̄ı.

South Slavey

K'áhshó got'ıne xədə k'é hederı zedıhtł'é yerımw̄e nıde dúle.

North Slavey

Jii gwandak izhii ginj̄ık vat'atr'ıj̄ahch'uu zhit yınohthan jı', diits'at ginohkh̄ı.

Gwich'in

Uvanittuaq ilitchurisukupku Inuvialuktun, ququaqluta.

Inuvialuktun

Ĉ'bd̄d̄ n̄n̄^{sb}b̄Δ^c Λ̄r̄L̄J̄Δ̄r̄^c Δ̄ōb̄n̄d̄c̄^{sb}r̄L̄d̄n̄^b, d̄e^cn̄^a.d̄^c d̄^{sb}b̄c̄r̄^a.^{sb}d̄n̄^c.

Inuktitut

Hapkua titiqqat pijumagupkit Inuinnaqtun, uvaptinnut hivajarlutit.

Inuinnaqtun

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