

Northwest Territories  
**Highway Traffic, 2010**



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Department of Transportation  
Government of the Northwest Territories  
August 2011

## **Acknowledgements**

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

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## **Section 1.0**

# **Summary of Traffic Data Collection Activities and Analysis**

# 1.0 Summary of Traffic Data Collection Activities and Analysis

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## 1.1 Background

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

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

This report presents traffic data collected by the Department of Transportation on the territorial highway network from 1993 to 2010. This report includes traffic information collected on major highways, access roads, winter roads and associated ferry crossings. The report also contains information on vehicle classifications.

## 1.2 Traffic Data Collection System

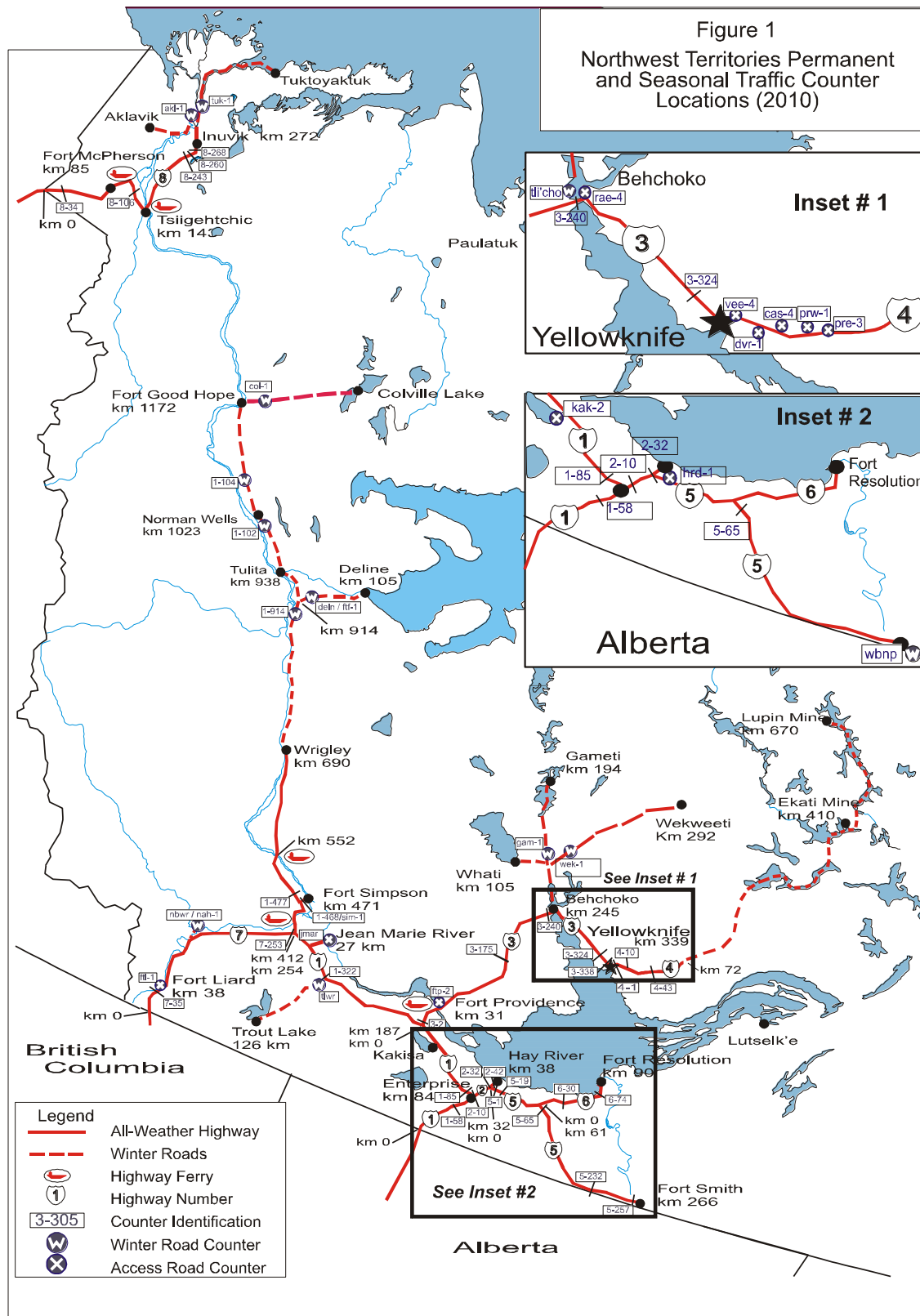
The Northwest Territories Department of Transportation collects traffic data at a number of permanent and seasonal counting stations as shown in Table 2 and illustrated in Figure 1. These stations provide hourly information on traffic for the complete year, or selected portions of the year for counters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

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

Special turning movement counts at select intersections and visual vehicle classification counts are also conducted annually or as need arises. No intersection counts were undertaken in 2010.

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 2010, over 40 percent of all potential data was useable for determining traffic volumes. This performance is attributed to the age of the traffic counters, breakdown of the loops and malfunctioning 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.



**Table 1 Highway System Classification (2010)**

| Classification                                           | Length (kilometres) |                               |                     |                   |                | Total          |
|----------------------------------------------------------|---------------------|-------------------------------|---------------------|-------------------|----------------|----------------|
|                                                          | Paved               | Dust-<br>Controlled<br>Gravel | Untreated<br>Gravel | Ferry<br>Crossing | Winter<br>Road |                |
| <b>All-Weather Highways</b>                              |                     |                               |                     |                   |                |                |
| Highway 1 (Mackenzie Highway to Wrigley)                 | 290.2               | 201.8                         | 195.5               | 2.5               | -              | 690.0          |
| Highway 2 (Hay River Highway)                            | 43.7                | -                             | -                   | -                 | -              | 43.7           |
| Highway 3 (Yellowknife Highway)                          | 337.6               | -                             | -                   | 1.2               | -              | 338.8          |
| Highway 4 (Ingraham Trail)                               | 35.2                | 34.0                          | -                   | -                 | -              | 69.2           |
| Highway 5 (Fort Smith Highway)                           | 158.5               | 108.5                         | -                   | -                 | -              | 267.0          |
| Highway 6 (Fort Resolution Highway)                      | 36.0                | 26.0                          | 28.0                | -                 | -              | 90.0           |
| Highway 7 (Liard Highway)                                | -                   | 73.2                          | 180.9               | -                 | -              | 254.1          |
| Highway 8 (Dempster Highway)                             | 10.3                | 67.2                          | 195.0               | -                 | -              | 272.5          |
| <b>Total</b>                                             | <b>911.5</b>        | <b>510.7</b>                  | <b>599.4</b>        | <b>3.7</b>        | <b>0.0</b>     | <b>2,025.3</b> |
| <b>Access Roads</b>                                      |                     |                               |                     |                   |                |                |
| Kakisa Lake Access                                       | 12.9                | -                             | -                   | -                 | -              | 12.9           |
| Fort Simpson Access                                      | 3.4                 | -                             | -                   | -                 | -              | 3.4            |
| Jean Marie River Access                                  | -                   | -                             | 27.4                | -                 | -              | 27.4           |
| Fort Providence Access                                   | 5.4                 | -                             | -                   | -                 | -              | 5.4            |
| Rae Access                                               | 10.5                | -                             | -                   | -                 | -              | 10.5           |
| Dettah Access                                            | 11.3                | -                             | -                   | -                 | -              | 11.3           |
| Hay River Reserve Access                                 | 2.4                 | 11.8                          | -                   | -                 | -              | 14.2           |
| Fort Liard Access                                        | 1.3                 | -                             | 4.0                 | -                 | -              | 5.3            |
| Hay River Hwy. No. 2 Km 43.7 - 48.6                      | 4.9                 | -                             | -                   | -                 | -              | 4.9            |
| Nahanni Butte Access                                     | -                   | -                             | 21.3                | -                 | 1.0            | 22.3           |
| Yellowknife Access                                       | 1.7                 | -                             | -                   | -                 | -              | 1.7            |
| Fort McPherson Access                                    | -                   | 1.1                           | -                   | -                 | -              | 1.1            |
| Inuvik Access                                            | 0.6                 | -                             | -                   | -                 | -              | 0.6            |
| Hwy 3 Ice Crossing Access                                | -                   | 9.4                           | -                   | -                 | -              | 9.4            |
| Miscellaneous Minor Access                               | 3.2                 | 8.5                           | 45.2                | -                 | -              | 56.9           |
| <b>Total</b>                                             | <b>57.6</b>         | <b>30.8</b>                   | <b>97.9</b>         | <b>0.0</b>        | <b>1.0</b>     | <b>187.3</b>   |
| <b>Winter Roads</b>                                      |                     |                               |                     |                   |                |                |
| Highway 1 (Mackenzie Highway, Wrigley to FGH)            | -                   | -                             | -                   | -                 | 486.4          | 486.4          |
| Colville Lake Access (opened March 2001)                 | -                   | -                             | -                   | -                 | 165.0          | 165.0          |
| Highway 3 Ice Crossing                                   | -                   | -                             | -                   | -                 | 3.1            | 3.1            |
| Trout Lake Access                                        | -                   | -                             | -                   | -                 | 126.0          | 126.0          |
| Deline Access                                            | -                   | -                             | -                   | -                 | 105.3          | 105.3          |
| Wha'ti Road                                              | -                   | -                             | -                   | -                 | 103.0          | 103.0          |
| Rae Lake Road                                            | -                   | -                             | -                   | -                 | 125.0          | 125.0          |
| Tuktoyaktuk Access                                       | -                   | -                             | -                   | -                 | 184.0          | 184.0          |
| Aklavik Access                                           | -                   | -                             | -                   | -                 | 85.0           | 85.0           |
| Dettah Access                                            | -                   | -                             | -                   | -                 | 6.3            | 6.3            |
| <b>Total</b>                                             | <b>0.0</b>          | <b>0.0</b>                    | <b>0.0</b>          | <b>0.0</b>        | <b>1,389.1</b> | <b>1,389.1</b> |
| <b>Total All-Weather Roads</b>                           |                     |                               |                     |                   |                | <b>2,212.6</b> |
| <b>Total Winter Roads (Department of Transportation)</b> |                     |                               |                     |                   |                | <b>1,389.1</b> |

**Table 2 Permanent and Seasonal Counter Locations**

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

### 1.3 Traffic Data Processing

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

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

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

### 1.4 Glossary of Terms

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

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

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

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

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

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

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

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

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

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

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

## **1.5 Layout of the Report**

This report is organized into four sections.

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

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

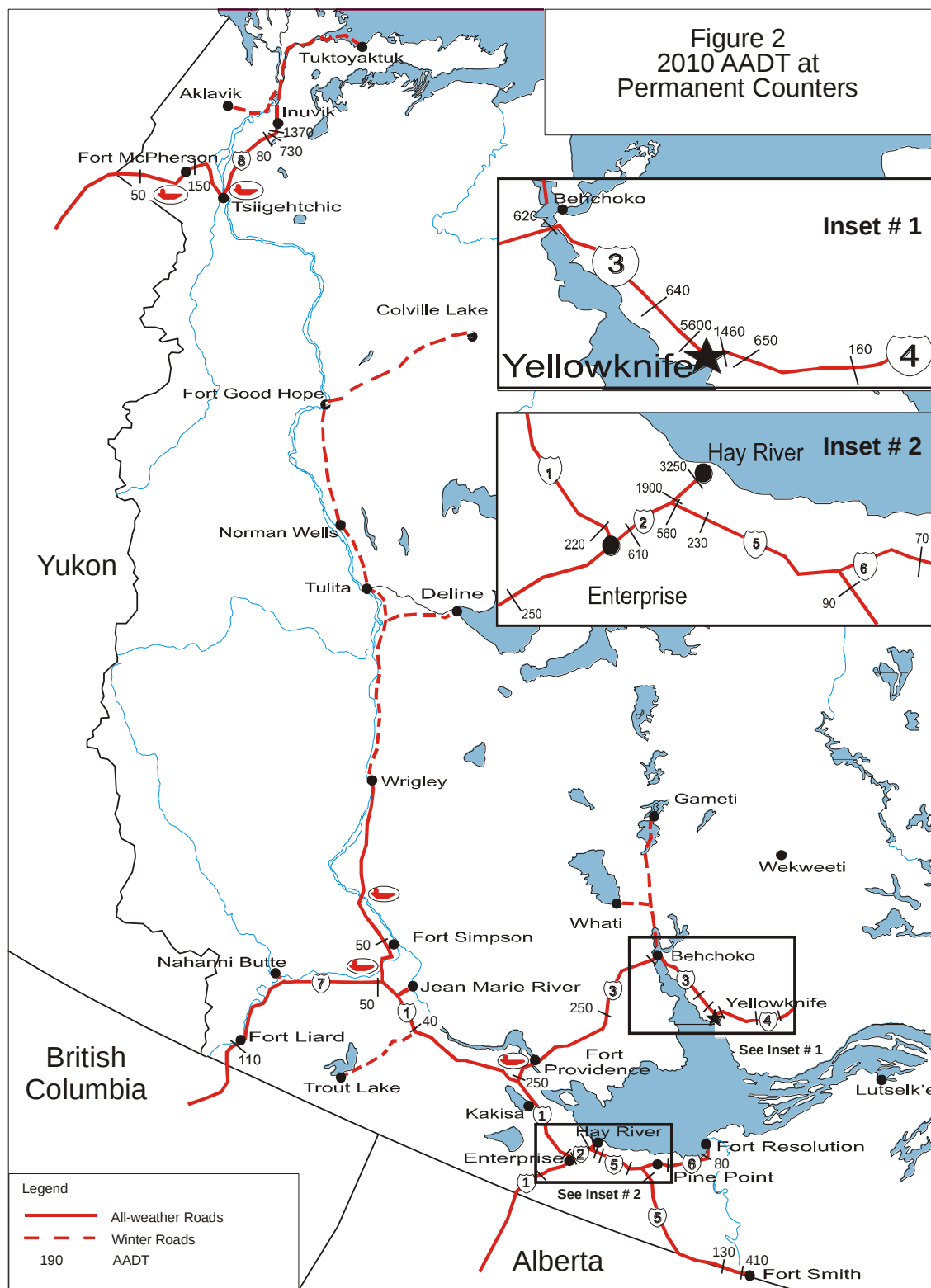
Section 3 presents traffic information collected on highway ferries, and commercial vehicle activity from the weigh scales.

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

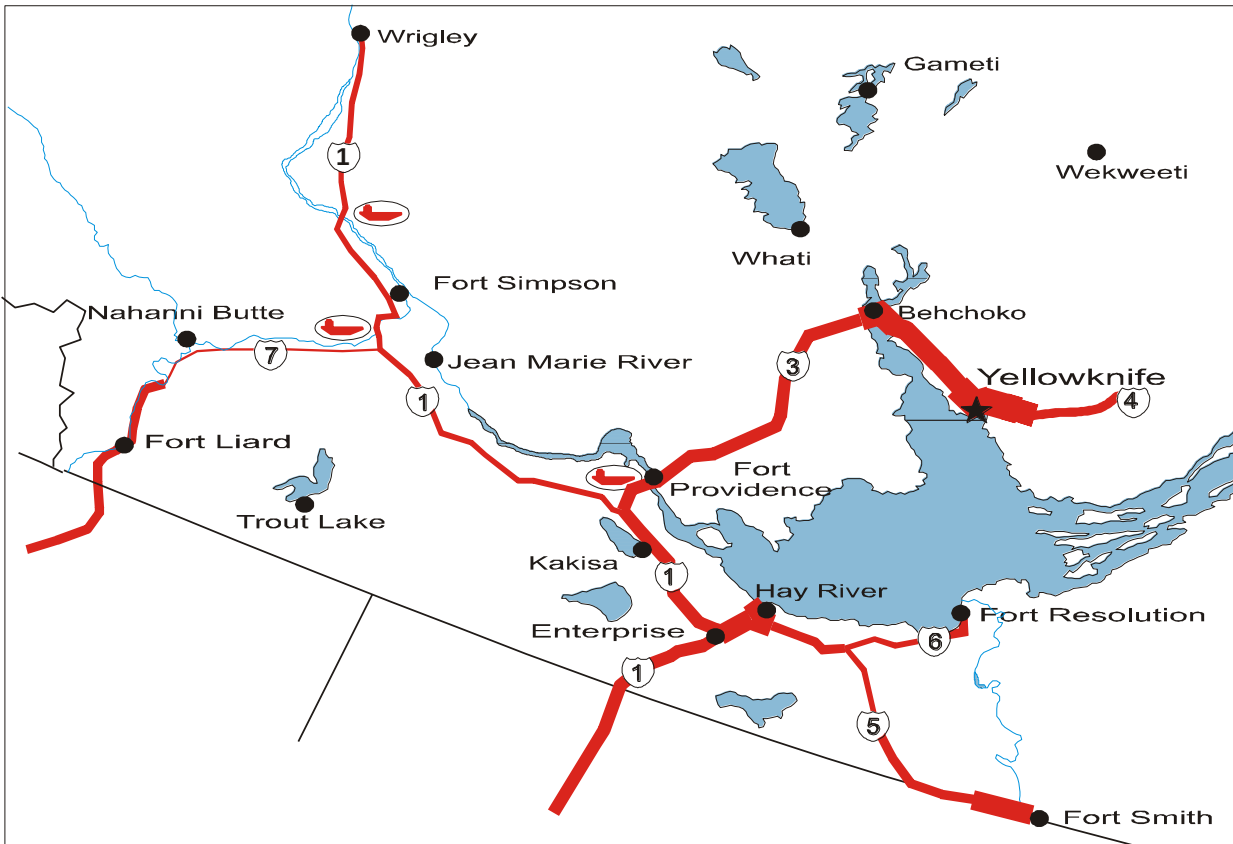
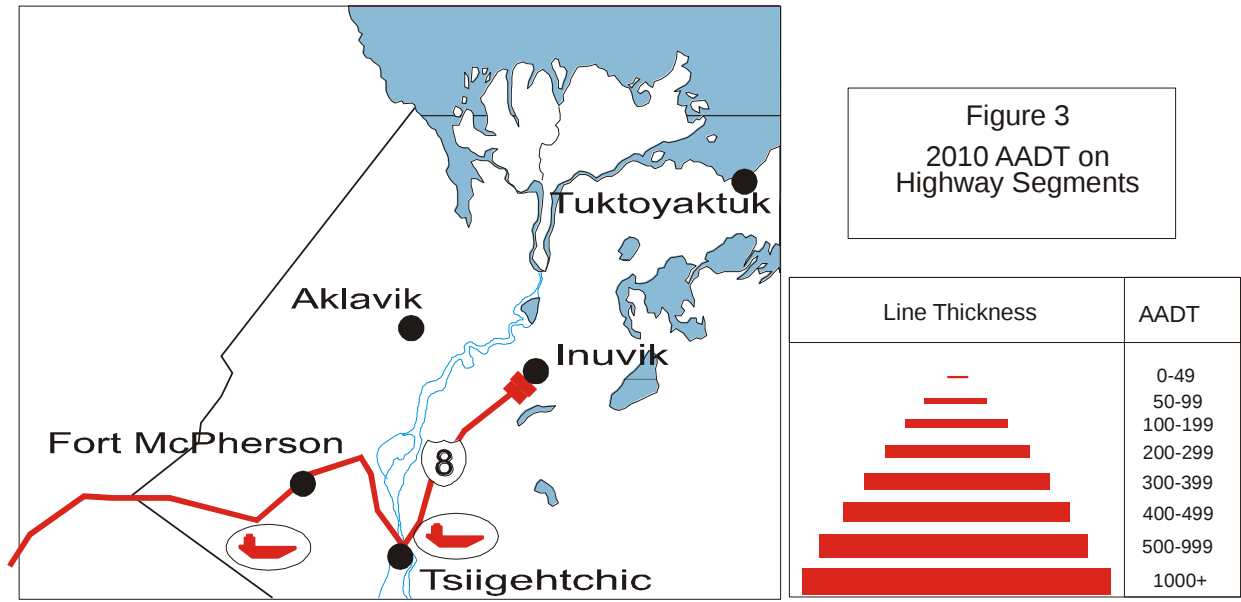
The Appendices present additional detailed traffic information.

## **Section 2.0**

### **Highway Traffic Volume Data**



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



**Table 3 Estimated Traffic on Northwest Territories Highways**

| Highway | Kilometre | Counter ID | Description                                              | AADT |      |      |      |      |      |           |      |      |      | PSDT |      |      |      |      |           |           |      |      |      |
|---------|-----------|------------|----------------------------------------------------------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|-----------|-----------|------|------|------|
|         |           |            |                                                          | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004      | 2003 | 2002 | 2001 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005      | 2004      | 2003 | 2002 | 2001 |
| 1       | 58        | 1-58       | 15 km south of Alexandra Falls                           | 250  | 250  | 280  | 270  | 280  | 280  | Data      | 250  | 250  | 240  | 250  | 310  | 380  | 340  | 350  | 390       | Data      | 380  | 420  | 390  |
| 1       | 85        | 1-85       | 1.2 km west of Enterprise                                | 290  | 220  | 330  | 410  | 390  | 300  |           | 270  | 270  | 250  | 240  | 210  | 410  | 470  | 380  | 420       |           | 380  | 400  | 320  |
| 1       | 322       | 1-322      | 0.4 km west of Trout Lake Winter Road                    | 70   | 40   | 50   | 60   | 60   | 70   | Not       | 60   | 60   | 60   | 90   | **   | **   | 60   | 60   | 90        | Not       | 80   | 90   | 80   |
| 1       | 477       | 1-477      | 5.2 km west of Fort Simpson Access on Highway 1          | 20   | 50   | 50   | 60   | 70   | 60   |           | 50   | 50   | 40   | 20   | **   | **   | 60   | 60   | 60        |           | 60   | 70   | 60   |
|         |           |            |                                                          |      |      |      |      |      |      | Available |      |      |      |      |      |      |      |      | Available |           |      |      |      |
| 2       | 10        | 2-10       | 10 km north of Enterprise, south of Paradise Gardens     | 430  | 610  | 450  | 380  | 420  | 450  |           | 410  | 420  | 400  | 520  | 610  | 540  | 460  | 490  | 550       |           | 510  | 530  | 500  |
| 2       | 32        | 2-32       | 40 metres north of Highway 2 & 5 intersection            | 1630 | 1900 | 1850 | 1790 | 1420 | 1460 |           | 1390 | 1420 | 1340 | 2050 | **   | **   | 1860 | 1920 | 1920      |           | 1920 | 1970 | 1860 |
| 2       | 42        | 2-42       | North of West Channel across bridge                      | 2670 | 3250 | 2660 | 2940 | 2130 | 2660 |           | 2530 | 2590 | 2440 | 3060 | 3250 | 3130 | **   | **   | 3130      |           | 3120 | 3200 | 3010 |
|         |           |            |                                                          |      |      |      |      |      |      |           |      |      |      |      |      |      |      |      |           |           |      |      |      |
| 3       | 2         | 3-2        | 2 km north of Highway 1 & 3 intersection, south of ferry | 270  | 250  | 320  | 300  | 270  | 260  | Data      | 250  | 240  | 220  | 390  | 340  | 400  | 360  | 290  | 350       | Data      | 350  | 330  | 290  |
| 3       | 175       | 3-175      | 53 km north of Chan Lake, 62 km south of Edzo            | 240  | 250  | 310  | 300  | 210  | 210  |           | 210  | 210  | 190  | 350  | **   | 360  | 280  | **   | 290       |           | 290  | 280  | 270  |
| 3       | 240       | 3-240      | 3 km south of Rae access, south of Frank's Channel       | 840  | 620  | 770  | 780  | 780  | 650  | Not       | 650  | 640  | 590  | 910  | **   | 760  | 770  | 860  | 710       | Not       | 710  | 700  | 670  |
| 3       | 324       | 3-324      | 21 km east of Boundry Creek                              | 750  | 640  | 640  | 640  | 640  | 610  |           | 450  | 440  | 410  | 790  | 820  | **   | **   | **   | 690       |           | 520  | 500  | 470  |
| 3       | 338       | 3-338      | 0.8 km west of Highway 3 and 4 intersection              | 6730 | 5600 | 5600 | 5600 | 5680 | 5570 | Available | 5570 | 5460 | 5060 | 7470 | **   | **   | 6120 | 6730 | 6460      | Available | 6460 | 6330 | 6030 |
|         |           |            |                                                          |      |      |      |      |      |      |           |      |      |      |      |      |      |      |      |           |           |      |      |      |
| 4       | 1         | 4-1        | 1 km north of Highway 3 & 4 intersection                 | 1270 | 1460 | 900  | 870  | 1240 | 1240 |           | 1240 | 1240 | 1240 | 1630 | 1770 | **   | 1100 | **   | 1600      |           | 1600 | 1600 | 1600 |
| 4       | 10        | 4-10       | 2.5 km east of Yellowknife River Bridge                  | 820  | 650  | 660  | 610  | 730  | 730  |           | 730  | 730  | 730  | 1130 | **   | 800  | 770  | **   | 950       |           | 950  | 950  | 950  |
| 4       | 43        | 4-43       | 11 km east of Prelude Lake East Access                   | 130  | 160  | 130  | 160  | 100  | 100  |           | 100  | 100  | 100  | 180  | **   | 120  | 160  | **   | 130       |           | 130  | 130  | 130  |
|         |           |            |                                                          |      |      |      |      |      |      |           |      |      |      |      |      |      |      |      |           |           |      |      |      |
| 5       | 1         | 5-1        | 1 km east of Highway 2 & 5 intersection                  | 620  | 560  | 560  | 560  | 560  | 560  | Data      | 560  | 530  | 520  | 820  | **   | **   | **   | **   | 740       | Data      | 740  | 710  | 690  |
| 5       | 19        | 5-19       | 19 km east of Highway 2 & 5 intersection                 | 160  | 230  | 260  | 210  | 150  | 170  |           | 170  | 160  | 160  | 210  | 330  | 230  | 230  | 180  | 230       |           | 230  | 220  | 220  |
| 5       | 65        | 5-65       | 5 km south of Highway 5 & 6 intersection                 | 90   | 90   | 110  | 90   | 170  | 80   | Not       | 80   | 70   | 70   | 110  | **   | 160  | **   | **   | 100       | Not       | 110  | 100  | 100  |
| 5       | 232       | 5-232      | 25km west of Fort Smith                                  | 150  | 130  | 130  | 130  | 130  | 130  |           | 130  | 120  | 120  | 200  | **   | **   | 100  | **   | 200       |           | 200  | 190  | 180  |
| 5       | 257       | 5-257      | 6.1 km west of Fort Smith                                | 500  | 420  | 420  | 420  | 420  | 420  | Available | 410  | 390  | 390  | 660  | **   | **   | **   | **   | 530       | Available | 530  | 510  | 500  |
|         |           |            |                                                          |      |      |      |      |      |      |           |      |      |      |      |      |      |      |      |           |           |      |      |      |
| 6       | 30        | 6-30       | 8.5 km east of Pine Point Access                         | 80   | 70   | 80   | 80   | 80   | 80   |           | 80   | 80   | 80   | 100  | 90   | 90   | 90   | 80   | 90        |           | 100  | 110  | 100  |
| 6       | 74        | 6-74       | 16 km west of Fort Resolution                            | 100  | 80   | 110  | 110  | 100  | 120  |           | 110  | 100  | 110  | 130  | **   | 120  | 130  | 130  | 130       |           | 140  | 140  | 130  |
|         |           |            |                                                          |      |      |      |      |      |      |           |      |      |      |      |      |      |      |      |           |           |      |      |      |
| 7       | 35        | 7-35       | 2.6 km south of Fort Liard                               | 80   | 110  | 110  | 110  | 140  | 120  | Data      | 120  | 120  | 120  | 120  | **   | **   | 80   | **   | 130       | Data      | 130  | 130  | 130  |
| 7       | 253       | 7-253      | 0.3 km south of Highway 1 & 7 intersection               | 40   | 50   | 50   | 50   | 30   | 30   |           | 30   | 30   | 30   | 60   | **   | **   | 40   | 40   | 40        |           | 40   | 40   | 40   |
|         |           |            |                                                          |      |      |      |      |      |      | Not       |      |      |      |      |      |      |      |      |           | Not       |      |      |      |
| 8       | 34        | 8-34       | 10 km west of Midway Lake                                | 70   | 50   | 70   | 70   | 70   | 50   |           | 50   | 50   | 40   | 90   | **   | 250  | 90   | 130  | 90        |           | 100  | 100  | 90   |
| 8       | 106       | 8-106      | 4.6 km north of Fort McPherson Access                    | 130  | 150  | 120  | 110  | 90   | 100  | Available | 80   | 80   | 80   | 160  | 160  | 160  | 90   | 130  | 140       | Available | 180  | 170  | 150  |
| 8       | 243       | 8-243      | 1 km south of Cabin Creek                                | 110  | 80   | 80   | 80   | 80   | 80   |           | 80   | 80   | 70   | 130  | **   | **   | 110  | **   | 130       |           | 130  | 130  | 120  |
| 8       | 260       | 8-260      | 0.7 km north of airport access                           | 970  | 740  | 740  | 740  | 740  | 740  |           | 730  | 690  | 630  | 1300 | **   | **   | 870  | **   | 760       |           | 760  | 900  | 830  |
| 8       | 268       | 8-268      | 1.3 km south of Inuvik                                   | 1700 | 1370 | 1370 | 1370 | 1370 | 1370 |           | 1270 | 1210 | 1120 | 2140 | **   | **   | 1460 | **   | 1400      |           | 1300 | 1640 | 1510 |

**Note:** See Appendix A for actual data obtained from each traffic counter for 2010.

\*\* Insufficient data to calculate AADT/PSADT

AADT - Average Annual Daily Traffic

PSADT - Peak Summer Average Daily Traffic (June, July, August)

All values are estimated and rounded to the nearest 10.

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

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

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

| Community              | Location (km) | Counter ID | Year | Monthly Average Daily Traffic |      |      |      |      |      |      |      |      |      |      |      | PSADT |
|------------------------|---------------|------------|------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                        |               |            |      | Jan                           | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  |       |
| Hay River Dene Village | 1             | hrd-1      | 2005 |                               | 86   | 83   | 178  | 479  |      |      |      | 546  | 378  |      |      |       |
|                        |               |            | 2004 | 84                            | 80   | 73   |      |      |      |      |      |      |      |      |      |       |
|                        |               |            | 2001 |                               |      | 36   | 404  |      | 287  |      | 623  | 469  | 121  | 441  |      | 455   |
|                        |               |            | 2000 | 14                            | 37   | 52   | 304  | 416  | 453  | 400  | 421  | 469  |      |      |      | 425   |
|                        |               |            | 1999 | 32                            | 37   | 126  | 357  |      |      | 356  | 399  | 425  | 167  |      | 33   | 378   |
|                        |               |            | 1998 | 62                            | 40   | 48   | 267  |      |      |      |      |      | 420  | 301  | 45   |       |
|                        |               |            | 1997 | 29                            | 33   | 42   |      |      | 395  | 362  |      |      | 366  | 375  | 396  | 379   |
|                        |               |            | 1996 | 31                            | 54   | 71   | 354  | 446  | 480  | 383  | 416  | 373  | 390  | 255  | 33   | 426   |
|                        |               |            | 1995 | 29                            | 33   | 41   | 216  |      | 451  | 391  | 420  | 407  | 414  | 170  | 43   | 421   |
|                        |               |            | 1994 | 26                            | 31   | 75   | 302  |      |      |      |      |      |      | 46   | 39   |       |
|                        |               |            | 1993 | 28                            | 27   | 137  | 376  |      | 411  | 356  | 365  | 333  | 344  | 234  | 50   | 377   |
| Fort Providence        | 2             | ftp-2      | 2009 |                               |      |      |      | 445  | 571  | 570  |      |      |      |      |      | 571   |
|                        |               |            | 2008 | 296                           | 317  | 357  | 334  | 469  | 570  | 552  | 491  | 424  |      | 269  | 278  | 538   |
|                        |               |            | 2007 | 322                           | 246  | 289  | 290  | 422  | 554  | 513  | 654  |      | 362  | 306  | 297  | 574   |
|                        |               |            | 2006 | 318                           | 301  | 280  | 303  | 420  | 500  | 478  |      |      | 355  | 266  | 405  | 489   |
|                        |               |            | 2005 |                               | 362  | 464  | 133  | 43   | 415  | 387  | 333  |      | 201  | 180  |      | 378   |
|                        |               |            | 2004 | 255                           | 298  |      |      |      |      |      |      |      |      |      |      |       |
|                        |               |            | 2003 | 260                           | 269  | 264  |      | 396  | 353  | 515  | 551  |      |      |      |      | 473   |
|                        |               |            | 2002 | 277                           | 243  | 248  |      |      |      |      | 457  | 375  | 334  | 279  | 289  | 457   |
|                        |               |            | 2001 |                               |      | 208  |      |      | 324  | 352  | 365  | 336  | 207  |      |      | 347   |
|                        |               |            | 2000 | 315                           | 421  | 270  | 219  | 299  | 259  | 254  | 210  | 194  | 200  | 139  | 119  | 241   |
|                        |               |            | 1999 | 316                           | 423  | 259  | 309  | 662  | 239  | 205  | 176  | 170  | 154  | 149  |      | 207   |
|                        |               |            | 1998 | 249                           | 276  | 271  | 397  | 315  |      |      |      | 309  | 328  | 254  | 49   |       |
|                        |               |            | 1997 |                               |      | 213  |      |      | 465  | 439  | 488  | 337  | 271  |      |      | 464   |
|                        |               |            | 1996 | 211                           | 227  | 242  | 297  | 360  | 421  | 419  | 501  | 397  | 307  | 331  | 247  | 447   |
|                        |               |            | 1995 | 200                           | 228  | 226  | 273  | 357  | 368  | 426  | 477  | 303  | 262  | 244  |      | 424   |
| Fort Liard             | 1             | ftl-1      | 1998 |                               |      | 242  | 175  | 207  | 332  | 405  | 326  | 249  |      |      |      | 354   |
|                        |               |            | 1997 | 166                           | 218  | 211  | 238  |      |      |      |      | 132  | 89   |      |      |       |
|                        |               |            | 1996 |                               | 195  | 210  |      |      |      | 252  | 197  | 193  | 156  |      | 142  | 225   |
|                        |               |            | 1995 | 172                           | 366  | 339  | 213  | 220  | 209  | 255  | 297  | 220  | 172  | 135  | 134  | 254   |
|                        |               |            | 1994 | 150                           | 161  | 197  | 169  | 206  |      |      | 231  | 190  | 199  | 162  | 172  | 231   |
|                        |               |            | 1993 | 155                           | 165  | 166  | 170  | 180  | 204  | 211  | 193  | 180  | 171  | 162  | 146  | 203   |
|                        |               |            |      |                               |      |      |      |      |      |      |      |      |      |      |      |       |
| Fort Simpson           | 1             | sim-1      | 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   |
|                        |               |            | 1999 | 960                           | 989  | 1076 | 1114 | 891  |      |      |      |      |      |      |      |       |
|                        |               |            | 1998 |                               |      |      |      |      |      |      |      | 1235 | 1128 | 976  | 1007 |       |
| Jean Marie River       | 1             | jmar       | 2008 | 17                            |      | 20   | 32   | 76   |      |      |      |      |      |      |      |       |
|                        |               |            | 2007 | 37                            | 39   | 18   | 17   | 28   | 34   | 22   | 18   | 16   | 23   | 39   | 13   | 25    |
|                        |               |            | 2006 |                               |      | 22   | 85   | 71   | 32   | 33   | 13   | 29   |      |      | 25   | 26    |
|                        |               |            | 2005 |                               |      |      |      |      |      | 24   | 23   | 33   | 23   |      |      | 24    |
|                        |               |            | 2004 |                               |      |      |      |      |      |      |      |      |      |      |      |       |
|                        |               |            | 2003 |                               |      | 34   | 36   |      |      |      |      |      |      |      |      |       |
|                        |               |            | 2001 |                               |      |      |      |      |      |      |      | 19   | 27   | 81   |      |       |
|                        |               |            | 2000 |                               |      |      | 16   | 22   | 30   | 23   | 17   |      |      |      |      | 23    |
|                        |               |            | 1999 |                               |      |      |      |      |      |      |      |      |      |      |      |       |
|                        |               |            | 1998 | 12                            | 18   | 18   | 14   | 14   | 62   |      | 89   | 70   | 49   |      |      | 76    |

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      | 2011 | 22-Dec-2010  | 11-May-2011  | 140         |                               |      | 51   | 87    | 80    | 50  | 67   |
|                                    |               |            | 2010 | 21-Dec-2009  | 20-Apr-2010  | 120         |                               |      | 28   | 24    | 98    |     | 50   |
|                                    |               |            | 1996 | 19-Dec-1995  | 26-Apr-1996  | 129         |                               |      | 32   | 49    | 43    |     | 41   |
|                                    |               |            | 1995 | 23-Dec-1994  | 24-Apr-1995  | 122         |                               |      |      |       |       |     |      |
|                                    |               |            | 1994 | 18-Jan-1994  | 28-Apr-1994  | 100         |                               |      |      |       |       |     |      |
|                                    |               |            | 1993 | 15-Dec-1992  | 2-May-1993   | 138         |                               |      | 53   | 61    | 70    | 32  | 54   |
| Colville Lake                      | 1             | col-1      | 2009 | 19-Dec-2008  | 5-Apr-2009   | 107         |                               | 16   | 21   | 16    |       |     | 18   |
|                                    |               |            | 2008 | 14-Dec-2007  | 9-Apr-2008   | 117         |                               | 11   | 21   | 21    |       |     | 18   |
|                                    |               |            | 2007 | 4-Jan-2007   | 31-Mar-2007  | 86          |                               | 18   | 14   | 27    |       |     | 20   |
|                                    |               |            | 2006 | 13-Jan-2006  | 22-Mar-2006  | 68          |                               | 4    | 14   | 17    |       |     | 14   |
|                                    |               |            | 2005 | 13-Dec-2004  | 1-Apr-2005   | 109         |                               |      | 54   | 54    |       |     | 54   |
|                                    |               |            |      |              |              |             |                               |      |      |       |       |     |      |
| Deline                             | 1             | deln       | 2011 | 10-Jan-2011  | 29-Mar-2011  | 78          |                               | 17   | 47   | 24    |       |     | 29   |
|                                    |               |            | 2010 | 28-Jan-2010  | 31-Mar-2010  | 62          |                               |      | 17   | 32    |       |     | 25   |
|                                    |               |            | 2009 | 20-Jan-2009  | 5-Apr-2009   | 75          |                               | 14   | 32   | 31    |       |     | 26   |
|                                    |               |            | 2007 | 19-Jan-2007  | 31-Mar-2007  | 71          |                               | 36   | 32   | 43    |       |     | 37   |
|                                    |               |            | 2006 | 25-Jan-2006  | 22-Mar-2006  | 56          |                               | 54   | 49   | 39    |       |     | 45   |
|                                    |               |            | 1998 | 3-Feb-1998   | 16-Mar-1998  | 41          |                               | 13   | 15   | 0     |       |     | 15   |
|                                    |               |            | 1997 | 4-Feb-1997   | 17-Mar-1997  | 41          |                               | 110  | 73   | 46    |       |     | 76   |
|                                    |               |            | 1996 | 18-Jan-1996  | 20-Mar-1996  | 62          |                               |      |      |       |       |     |      |
|                                    |               |            | 1995 | 20-Jan-1995  | 26-Mar-1995  | 65          |                               |      | 39   | 35    |       |     | 37   |
|                                    |               |            | 1994 | 25-Jan-1994  | 30-Mar-1994  | 64          |                               | 42   | 19   | 30    |       |     | 30   |
|                                    |               |            |      |              |              |             |                               |      |      |       |       |     |      |
| Dettah Ice Road (Yellowknife Side) | 1             | dettah-1   | 2011 | 16-Dec-2010  | 27-Apr-2011  | 132         | 1137                          | 932  | 977  | 1144  | 1249  |     | 1088 |
|                                    |               |            | 2010 | 24-Dec-2009  | 8-Apr-2010   | 105         | 0                             | 1048 | 1046 | 1211  | 1477  |     | 1196 |
|                                    |               |            | 2008 | 21-Dec-2007  | 11-Apr-2008  | 112         |                               | 1090 | 1225 | 1548  | 1337  |     | 1300 |
|                                    |               |            | 2006 | 20-Dec-2005  | 18-Apr-2006  | 119         | 719                           | 644  | 712  | 814   | 764   |     | 731  |
|                                    |               |            | 2005 | 10-Dec-2004  | 11-Apr-2005  | 122         | 356                           | 320  | 453  | 521   |       |     | 413  |
|                                    |               |            |      |              |              |             |                               |      |      |       |       |     |      |
| Dettah Ice Road (Dettah Side)      | 6             | dettah-6   | 2011 | 16-Dec-2010  | 27-Apr-2011  | 132         | 276                           | 252  | 282  | 389   | 352   |     | 310  |
|                                    |               |            | 2010 | 24-Dec-2009  | 8-Apr-2010   | 105         |                               | 471  | 483  | 505   | 578   |     | 509  |
|                                    |               |            | 2009 | 23-Dec-2008  | 13-Apr-2009  | 111         |                               | 575  | 538  | 599   | 604   |     | 579  |
|                                    |               |            | 2008 | 21-Dec-2007  | 11-Apr-2008  | 112         |                               | 533  | 501  | 526   | 477   |     | 509  |
|                                    |               |            | 2007 | 4-Jan-2007   | 12-Apr-2007  | 98          |                               |      | 496  | 461   |       |     | 479  |
|                                    |               |            | 2006 | 20-Dec-2005  | 18-Apr-2006  | 119         | 520                           | 467  | 476  | 456   | 450   |     | 474  |
|                                    |               |            | 2005 | 10-Dec-2004  | 11-Apr-2005  | 122         | 324                           | 319  | 556  | 452   |       |     | 413  |
| Gameti                             | 72            | lacr       | 2011 | 5-Feb-2011   | 8-Apr-2011   | 62          |                               |      | 21   | 33    | 43    |     | 32   |
|                                    |               |            | 2009 | 21-Feb-2009  | 14-Apr-2009  | 52          |                               |      |      | 46    | 34    |     | 40   |
|                                    |               |            | 2008 | 28-Feb-2008  | 11-Apr-2008  | 43          |                               |      |      | 43    | 55    |     | 49   |
|                                    |               |            | 2007 | 28-Feb-2007  | 12-Apr-2007  | 43          |                               |      |      | 43    | 55    |     | 49   |
|                                    |               |            | 1997 | 7-Feb-1997   | 25-Mar-1997  | 46          |                               | 78   | 170  | 152   |       |     | 133  |
|                                    |               |            | 1996 | 2-Feb-1996   | 20-Mar-1996  | 47          |                               |      |      |       |       |     |      |
|                                    |               |            | 1995 | 30-Jan-1995  | 22-Mar-1995  | 51          |                               |      |      |       |       |     |      |
| Highway No. 1 (Wrigley)            | 695           | 1-695      | 2006 | 19-Dec-2005  | 7-Apr-2006   | 109         |                               | 53   | 74   | 85    |       |     | 76   |
|                                    |               |            | 2005 | 13-Dec-2004  | 1-Apr-2005   | 109         |                               | 39   | 49   | 51    |       |     | 49   |
| Highway No. 1 (Deline Junction)    | 914           | 1-914      | 2011 | 23-Dec-2010  | 29-Mar-2011  | 96          |                               | 22   | 47   | 59    |       |     | 43   |
|                                    |               |            | 2010 | 23-Dec-2009  | 31-Mar-2010  | 98          |                               |      | 17   | 23    |       |     | 20   |
|                                    |               |            | 2009 | 23-Dec-2008  | 5-Apr-2009   | 103         |                               | 15   | 32   | 55    |       |     | 34   |
|                                    |               |            | 2008 | 24-Dec-2007  | 9-Apr-2008   | 107         |                               | 27   | 96   | 84    |       |     | 35   |
|                                    |               |            | 2007 | 20-Dec-2006  | 9-Apr-2007   | 110         |                               | 77   | 95   | 77    |       |     | 83   |
|                                    |               |            | 2006 | 19-Dec-2005  | 7-Apr-2006   | 109         |                               | 44   | 50   | 45    |       |     | 47   |
|                                    |               |            | 2005 | 4-Jan-2005   | 1-Apr-2005   | 87          |                               | 21   | 70   | 64    |       |     | 63   |
|                                    |               |            | 1998 | 23-Jan-1998  | 13-Mar-1998  | 49          |                               | 10   | 7    |       |       |     | 8    |
|                                    |               |            | 1997 | 14-Jan-1997  | 17-Mar-1997  | 62          |                               |      | 7    | 34    | 17    |     | 19   |
|                                    |               |            | 1996 | 8-Jan-1996   | 20-Mar-1996  | 72          |                               |      |      |       |       |     |      |
|                                    |               |            |      |              |              |             |                               |      |      |       |       |     |      |
| Highway No. 1 (Norman Wells South) | 1022          | 1-102      | 2010 | 23-Dec-2009  | 31-Mar-2010  | 98          |                               |      | 78   | 79    |       |     | 79   |
|                                    |               |            | 2009 | 16-Dec-2008  | 5-Apr-2009   | 110         |                               | 50   | 66   | 108   |       |     | 75   |
|                                    |               |            | 2008 | 8-Dec-2007   | 9-Apr-2008   | 123         |                               | 45   | 98   | 100   |       |     | 81   |
|                                    |               |            | 2007 | 21-Dec-2006  | 9-Apr-2007   | 109         |                               | 81   | 87   | 113   | 57    |     | 85   |
|                                    |               |            | 2006 | 29-Dec-2005  | 7-Apr-2006   | 99          |                               | 98   | 68   | 77    |       |     | 74   |
|                                    |               |            | 2005 | 13-Dec-2004  | 1-Apr-2005   | 109         |                               | 51   | 70   | 86    |       |     | 80   |
|                                    |               |            | 1999 | 7-Jan-1999   | 15-Mar-1999  | 67          |                               |      | 33   |       |       |     | 33   |
|                                    |               |            | 1998 | 14-Jan-1998  | 16-Mar-1998  | 61          |                               |      | 107  | 139   |       |     | 112  |
|                                    |               |            | 1997 | 14-Jan-1997  | 17-Mar-1997  | 62          |                               |      | 9    | 10    |       |     | 10   |
|                                    |               |            | 1996 | 8-Jan-1996   | 20-Mar-1996  | 72          |                               |      |      |       |       |     |      |
|                                    |               |            |      |              |              |             |                               |      |      |       |       |     |      |

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

|                                       |      |             |             |             |             |             |      |             |            |     |     |     |     |     |     |
|---------------------------------------|------|-------------|-------------|-------------|-------------|-------------|------|-------------|------------|-----|-----|-----|-----|-----|-----|
| Highway No. 1<br>(Norman Wells North) | 1031 | 1-104       |             | 2011        | 14-Dec-2010 | 29-Mar-2011 | 105  |             |            | 43  | 38  | 49  | 1   |     | 33  |
|                                       |      |             |             | 2010        | 23-Dec-2009 | 31-Mar-2010 | 98   |             |            | 36  | 39  |     |     | 38  |     |
|                                       |      |             |             | 2009        | 16-Dec-2008 | 5-Apr-2009  | 110  |             | 33         | 37  | 37  |     |     | 36  |     |
|                                       |      |             |             | 2008        | 8-Dec-2007  | 9-Apr-2008  | 123  |             | 34         | 62  | 62  |     |     | 53  |     |
|                                       |      |             |             | 2007        | 21-Dec-2006 | 9-Apr-2007  | 109  |             | 59         | 47  | 66  |     |     | 57  |     |
|                                       |      |             |             | 2006        | 29-Dec-2005 | 7-Apr-2006  | 99   |             |            | 55  | 52  |     |     | 53  |     |
|                                       |      |             |             | 1998        | 14-Jan-1998 | 16-Mar-1998 | 61   |             | 14         | 10  | 10  | 9   |     | 10  |     |
|                                       |      |             |             | 1997        | 14-Jan-1997 | 17-Mar-1997 | 62   |             |            | 66  | 42  |     |     | 54  |     |
|                                       |      |             |             | 1996        | 8-Jan-1996  | 20-Mar-1996 | 72   |             |            |     |     |     |     |     |     |
|                                       | 1995 | 19-Jan-1995 | 26-Mar-1995 | 66          |             |             |      |             |            |     |     |     |     |     |     |
| 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       |             | 2011        | 28-Jan-2011 | 31-Mar-2011 | 62   |             |            | 136 | 390 | 286 | 15  |     | 207 |
|                                       |      |             |             | 2010        | 4-Feb-2010  | 21-Mar-2010 | 45   |             |            | 289 | 189 | 14  |     | 164 |     |
|                                       |      |             |             | 2009        | 1-Feb-2009  | 25-Mar-2009 | 52   |             |            | 518 | 303 |     |     | 411 |     |
|                                       |      |             |             | 2008        | 28-Jan-2008 | 7-Apr-2008  | 70   |             |            | 553 | 349 | 49  |     | 317 |     |
|                                       |      |             |             | 2007        | 28-Jan-2007 | 8-Apr-2007  | 70   |             | 251        | 482 | 323 | 67  |     | 281 |     |
|                                       |      |             |             | 2006        | 5-Feb-2006  | 26-Mar-2006 | 49   |             |            | 167 | 243 |     |     | 201 |     |
|                                       |      |             |             |             |             |             |      |             |            |     |     |     |     |     |     |
| Tli'Cho                               | 1    | tli'cho     |             | 2011        | 14-Jan-2011 | 8-Apr-2011  | 84   |             |            | 78  | 78  | 104 | 77  |     | 84  |
|                                       |      |             |             | 2010        | 20-Jan-2010 | 11-Apr-2010 | 81   |             | 95         | 72  | 120 | 165 |     | 113 |     |
|                                       |      |             |             | 2009        | 23-Jan-2009 | 14-Apr-2009 | 81   |             |            | 81  | 142 | 111 |     | 111 |     |
|                                       |      |             |             | 2008        | 8-Feb-2008  | 11-Apr-2008 | 63   |             |            | 100 | 163 | 148 |     | 137 |     |
|                                       |      |             |             | 2007        | 3-Feb-2007  | 12-Apr-2007 | 68   |             |            | 64  | 115 | 188 |     | 122 |     |
|                                       |      |             |             | 2006        | 7-Feb-2006  | 16-Apr-2006 | 68   |             |            | 71  | 77  |     |     | 74  |     |
|                                       |      |             |             |             |             |             |      |             |            |     |     |     |     |     |     |
| Trout Lake                            | 1    | tlwr        |             | 2002        | 14-Jan-2002 | 18-Mar-2002 | 63   |             |            | 6   | 7   |     |     |     | 7   |
|                                       |      |             |             | 2001        | 18-Dec-2000 | 15-Mar-2001 | 87   |             |            |     |     |     |     |     |     |
|                                       |      |             |             | 2000        | 11-Jan-2000 | 15-Mar-2000 | 64   |             |            |     |     |     |     |     |     |
|                                       |      |             |             | 1999        | 21-Dec-1998 | 16-Mar-1999 | 85   |             |            | 9   | 7   | 9   |     | 8   |     |
|                                       |      |             |             | 1998        | 20-Jan-1998 | 16-Mar-1998 | 55   |             |            |     |     | 5   |     | 5   |     |
|                                       |      |             |             | 1997        | 11-Jan-1997 | 17-Mar-1997 | 65   |             |            |     | 5   | 9   |     | 7   |     |
|                                       |      |             |             | 1996        | 20-Jan-1996 | 15-Mar-1996 | 55   |             | 4          | 6   | 11  | 9   |     | 8   |     |
|                                       |      |             |             | 1995        | 22-Dec-1994 | 22-Mar-1995 | 90   |             |            |     | 8   |     |     | 8   |     |
|                                       |      |             |             | 1994        | 18-Jan-1994 | 31-Mar-1994 | 72   |             |            |     |     |     |     |     |     |
|                                       |      |             |             | 1993        | 24-Dec-1992 | 24-Mar-1993 | 90   |             |            | 8   | 10  | 12  |     | 10  |     |
|                                       |      |             | Tuktoyaktuk | 1           | tuk-1       |             | 2011 | 22-Dec-2010 | 3-May-2011 | 132 |     |     |     | 106 | 190 |
|                                       | 2010 | 18-Dec-2009 |             |             |             | 20-Apr-2010 | 123  |             |            |     | 113 | 137 | 350 |     | 200 |
|                                       | 2009 | 18-Dec-2008 |             |             |             | 26-Apr-2009 | 129  |             |            | 131 | 130 | 204 | 178 | 53  | 139 |
|                                       | 1997 | 20-Dec-1996 |             |             |             | 25-Apr-1997 | 126  |             | 30         | 44  | 61  |     |     | 23  |     |
|                                       | 1996 | 19-Dec-1995 |             |             |             | 19-Apr-1996 | 122  |             |            |     |     |     |     |     |     |
|                                       | 1995 | 22-Dec-1994 |             |             |             | 24-Apr-1995 | 123  |             |            | 74  |     |     |     | 12  |     |
|                                       | 1994 | 5-Jan-1994  |             |             |             | 28-Apr-1994 | 113  |             |            |     |     |     |     |     |     |
|                                       | 1993 | 18-Dec-1992 |             |             |             | 30-Apr-1993 | 133  |             | 32         | 83  | 108 | 101 |     | 54  |     |
| Wha'ti                                | 72   | elwr        |             | 1997        | 20-Jan-1997 | 25-Mar-1997 | 64   |             |            | 31  | 45  | 64  |     | 47  |     |
|                                       |      |             |             | 1996        | 15-Jan-1996 | 20-Mar-1996 | 65   |             |            |     |     |     |     |     |     |
|                                       |      |             |             | 1995        | 13-Jan-1995 | 29-Mar-1995 | 75   |             |            |     |     |     |     |     |     |
|                                       |      |             |             | 1994        | 18-Feb-1994 | 18-Apr-1994 | 59   |             |            |     |     |     |     |     |     |
|                                       |      |             |             | 1993        | 27-Jan-1993 | 2-Apr-1993  | 65   |             |            |     |     | 16  | 14  | 15  |     |
|                                       |      |             |             |             |             |             |      |             |            |     |     |     |     |     |     |
| Wekweeti                              | 1    | wek-1       | 2011        | 14-Feb-2011 | 7-Apr-2011  | 52          |      |             |            | 24  | 46  | 60  |     | 43  |     |
|                                       |      |             |             |             |             |             |      |             |            |     |     |     |     |     |     |

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

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

|                   | Winter Roads   | Ft. Simpson - Wigley<br>(Highway #1) | Wigley - Tulita<br>(Highway #1) | Tulita - Norman Wells<br>(Highway #1) | Norman Wells - Ft. Good Hope<br>(Highway #1) | Cowville Lake Access | Delvite Access   | Trout Lake Access | Nahanni Butte Access | Wekweet Access  | Wha Ti Access    | Ganesh Access    | Detell Access    | Tukoyakuk Access | Akwik Access     | Ice Bridges    | Mackenzie River<br>Crossing Fort<br>Providence | Laird River Crossing<br>at Fort Simpson | Mackenzie River<br>Crossing at<br>Teglar Chic | Peel River Crossing | Mackenzie River<br>Crossing at<br>Bead | Minning Roads  | Lynn Mine        |
|-------------------|----------------|--------------------------------------|---------------------------------|---------------------------------------|----------------------------------------------|----------------------|------------------|-------------------|----------------------|-----------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------------------------------------|-----------------------------------------|-----------------------------------------------|---------------------|----------------------------------------|----------------|------------------|
| 1986/87           | Open<br>Closed | 17-Dec<br>1-Apr                      | 13-Jan<br>25-Mar                | 19-Jan<br>26-Mar                      |                                              |                      | 9-Jan<br>26-Mar  | 10-Dec<br>30-Mar  | 15-Dec<br>30-Mar     |                 | 20-Dec<br>31-Mar | 12-Jan<br>31-Mar | 21-Nov<br>15-Apr | 5-Jan<br>8-May   | 5-Jan<br>7-May   | Open<br>Closed | 17-Dec<br>16-Apr                               | 25-Nov<br>21-Apr                        | 19-Nov<br>9-May                               | 4-Nov<br>9-May      | 17-Dec<br>3-Apr                        | Open<br>Closed | 14-Jan<br>1-Apr  |
| 1987/88           | Open<br>Closed | 21-Dec<br>14-Apr                     | 11-Jan<br>28-Mar                | 8-Jan<br>5-Apr                        |                                              |                      | 13-Jan<br>5-Apr  | 5-Jan<br>5-Apr    | 6-Jan<br>31-Mar      |                 | 15-Jan<br>5-Apr  | 8-Feb<br>5-Apr   | 18-Dec<br>15-Apr | 15-Feb<br>19-Apr | 17-Feb<br>19-Apr | Open<br>Closed | 30-Dec<br>16-Apr                               | 29-Nov<br>19-Apr                        | 16-Dec<br>11-May                              | 18-Nov<br>12-May    | 21-Dec<br>14-Apr                       | Open<br>Closed | N/A<br>N/A       |
| 1988/89           | Open<br>Closed | 15-Dec<br>14-Apr                     | 16-Jan<br>5-Apr                 | 16-Jan<br>10-Apr                      | 27-Feb<br>10-Apr                             |                      | 27-Jan<br>10-Apr | 11-Jan<br>7-Apr   | 10-Jan<br>7-Apr      |                 | 23-Jan<br>5-Apr  | 3-Feb<br>5-Apr   | 19-Dec<br>14-Apr | 7-Feb<br>3-May   | 18-Jan<br>3-May  | Open<br>Closed | 21-Dec<br>15-Apr                               | 8-Dec<br>14-Apr                         | 28-Nov<br>29-Apr                              | 15-Nov<br>29-Apr    | 15-Dec<br>14-Apr                       | Open<br>Closed | 12-Feb<br>9-Apr  |
| 1989/90           | Open<br>Closed | 12-Dec<br>10-Apr                     | 15-Jan<br>30-Mar                | 16-Dec<br>5-Apr                       | 15-Jan<br>5-Apr                              |                      | 12-Jan<br>4-Apr  | 12-Jan<br>30-Mar  | 21-Dec<br>30-Mar     |                 | 19-Jan<br>10-Apr | 2-Feb<br>10-Apr  | 13-Dec<br>12-Apr | 3-Jan<br>7-May   | 23-Dec<br>7-May  | Open<br>Closed | 12-Dec<br>17-Apr                               | 1-Nov<br>14-Apr                         | 18-Dec<br>3-May                               | 20-Nov<br>1-May     | 12-Dec<br>10-Apr                       | Open<br>Closed | 14-Feb<br>7-Apr  |
| 1990/91           | Open<br>Closed | 12-Dec<br>13-Apr                     | 8-Jan<br>31-Mar                 | 8-Jan<br>8-Apr                        | 2-Jan<br>8-Apr                               |                      | 7-Feb<br>4-Apr   | 17-Dec<br>4-Apr   | 12-Dec<br>4-Apr      |                 | 16-Jan<br>8-Apr  | 22-Jan<br>8-Apr  | 4-Dec<br>12-Apr  | 23-Dec<br>25-Apr | 21-Dec<br>25-Apr | Open<br>Closed | 28-Nov<br>19-Apr                               | 1-Nov<br>13-Apr                         | 24-Nov<br>7-May                               | 16-Nov<br>8-May     | 12-Dec<br>13-Apr                       | Open<br>Closed | 1-Feb<br>22-Mar  |
| 1991/92           | Open<br>Closed | 2-Dec<br>27-Apr                      | 20-Dec<br>25-Mar                | 20-Dec<br>4-Apr                       | 20-Dec<br>25-Mar                             |                      | 24-Jan<br>31-Mar | 10-Jan<br>24-Mar  | 9-Jan<br>22-Mar      |                 | 15-Jan<br>7-Apr  | 24-Jan<br>7-Apr  | 9-Dec<br>23-Apr  | 5-Dec<br>26-Apr  | 9-Dec<br>27-Apr  | Open<br>Closed | 12-Dec<br>25-Apr                               | 9-Nov<br>26-Apr                         | 20-Nov<br>30-Apr                              | 13-May<br>30-Apr    | 2-Dec<br>27-Apr                        | Open<br>Closed | 23-Jan<br>13-Mar |
| 1992/93           | Open<br>Closed | 9-Dec<br>20-Apr                      | 11-Jan<br>26-Mar                | 11-Jan<br>29-Mar                      | 14-Jan<br>29-Mar                             |                      | 18-Jan<br>29-Mar | 24-Dec<br>30-Mar  | 15-Dec<br>27-Mar     |                 | 27-Jan<br>2-Apr  | 19-Feb<br>2-Apr  | 18-Dec<br>30-Apr | 18-Dec<br>2-May  | 15-Dec<br>2-May  | Open<br>Closed | 22-Dec<br>14-Apr                               | 2-Dec<br>20-Apr                         | 23-Nov<br>12-May                              | 6-Nov<br>6-May      | 9-Dec<br>20-Apr                        | Open<br>Closed | 28-Jan<br>22-Mar |
| 1993/94           | Open<br>Closed | 11-Dec<br>29-Mar                     | 23-Dec<br>31-Mar                | 29-Dec<br>31-Mar                      | 29-Dec<br>31-Mar                             |                      | 25-Jan<br>30-Mar | 18-Jan<br>31-Mar  | 18-Dec<br>28-Mar     |                 | 18-Feb<br>31-Mar | 18-Feb<br>31-Mar | 8-Dec<br>28-Apr  | 5-Jan<br>28-Apr  | 18-Jan<br>28-Apr | Open<br>Closed | 20-Dec<br>23-Apr                               | 14-Dec<br>23-Apr                        | 24-Nov<br>5-May                               | 20-Nov<br>11-May    | 11-Dec<br>12-Apr                       | Open<br>Closed | 3-Feb<br>1-Apr   |
| 1994/95           | Open<br>Closed |                                      | 12-Jan<br>19-Mar                | 18-Jan<br>26-Mar                      | 19-Jan<br>26-Mar                             |                      | 20-Jan<br>26-Mar | 22-Dec<br>22-Mar  | 1-Dec<br>26-Mar      |                 | 13-Jan<br>29-Mar | 30-Jan<br>22-Mar | 13-Dec<br>21-Apr | 22-Dec<br>24-Apr | 23-Dec<br>24-Apr | Open<br>Closed | 4-Dec<br>25-Apr                                | 23-Nov<br>26-Apr                        | 25-Nov<br>2-May                               | 21-Nov<br>2-May     | 9-Dec<br>22-Apr                        | Open<br>Closed | 18-Jan<br>3-Apr  |
| 1995/96           | Open<br>Closed |                                      | 26-Jan<br>20-Mar                | 8-Jan<br>20-Mar                       | 20-Mar                                       |                      | 18-Jan<br>20-Mar | 20-Jan<br>15-Mar  | 1-Dec<br>25-Mar      |                 | 15-Jan<br>20-Mar | 2-Feb<br>20-Mar  | 29-Nov<br>17-Apr | 19-Dec<br>19-Apr | 19-Dec<br>26-Apr | Open<br>Closed | 4-Dec<br>12-Apr                                | 16-Nov<br>23-Apr                        | 30-Nov<br>28-Apr                              | 30-Nov<br>23-Apr    | 20-Nov<br>23-Apr                       | Open<br>Closed | 25-Jan<br>13-Apr |
| 1996/97           | Open<br>Closed |                                      | 14-Feb<br>17-Mar                | 14-Jan<br>17-Mar                      | 14-Jan<br>17-Mar                             |                      | 4-Feb<br>17-Mar  | 11-Jan<br>17-Mar  | 9-Dec<br>11-Apr      |                 | 20-Jan<br>25-Mar | 7-Feb<br>25-Mar  | 12-Dec<br>18-Apr | 20-Dec<br>25-Apr | 12-Jan<br>25-Apr | Open<br>Closed | 9-Dec<br>22-Apr                                | 14-Nov<br>18-Apr                        | 19-Nov<br>10-May                              | 12-Nov<br>10-May    | 13-Dec<br>27-Apr                       | Open<br>Closed | 28-Jan<br>12-Apr |
| 1997/98           | Open<br>Closed |                                      | 6-Feb<br>16-Mar                 | 23-Jan<br>13-Mar                      | 14-Jan<br>16-Mar                             |                      | 3-Feb<br>16-Mar  | 23-Jan<br>16-Mar  | 18-Dec<br>16-Mar     |                 | 23-Jan<br>9-Apr  | 7-Feb<br>9-Apr   | 18-Dec<br>16-Apr | 2-Jan<br>15-Apr  | 26-Jan<br>16-Apr | Open<br>Closed | 9-Jan<br>16-Apr                                | 27-Nov<br>17-May                        | 1-Dec<br>17-May                               | 18-Nov<br>2-May     | 12-Jan<br>17-Apr                       | Open<br>Closed | 19-Jan<br>4-Apr  |
| 1998/99           | Open<br>Closed |                                      | 1-Feb<br>16-Mar                 | 31-Dec<br>16-Mar                      | 7-Jan<br>15-Mar                              |                      | 21-Jan<br>16-Mar | 21-Dec<br>16-Mar  | 21-Dec<br>16-Mar     |                 | 25-Jan<br>7-Apr  | 8-Feb<br>1-Apr   | 31-Dec<br>9-Apr  | 16-Dec<br>20-Apr | 14-Dec<br>21-Apr | Open<br>Closed | 23-Dec<br>16-Apr                               | 25-Nov<br>12-Apr                        | 20-Nov<br>20-Apr                              | 16-Nov<br>20-Apr    | 14-Dec<br>19-Apr                       | Open<br>Closed | 1-Feb<br>30-Mar  |
| 1999/00           | Open<br>Closed |                                      | 3-Feb<br>15-Mar                 | 11-Jan<br>15-Mar                      | 24-Dec<br>15-Mar                             |                      | 28-Jan<br>15-Mar | 11-Jan<br>15-Mar  | 13-Dec<br>15-Mar     |                 | 1-Feb<br>20-Apr  | 14-Feb<br>12-Apr | 11-Jan<br>20-Apr | 14-Dec<br>17-Apr | 17-Jan<br>17-Apr | Open<br>Closed | 6-Jan<br>22-Apr                                | 3-Dec<br>5-May                          | 15-Nov<br>5-May                               | 5-Nov<br>5-May      | 31-Dec<br>22-Apr                       | Open<br>Closed | 28-Jan<br>3-Apr  |
| 2000/01           | Open<br>Closed |                                      | 19-Jan<br>15-Mar                | 15-Jan<br>5-Apr                       | 8-Jan<br>31-Mar                              | 23-Feb<br>5-Apr      | 20-Jan<br>5-Apr  | 18-Dec<br>15-Mar  | 6-Dec<br>15-Mar      |                 | 20-Feb<br>14-Apr | 10-Mar<br>14-Apr | 21-Dec<br>12-Apr | 20-Dec<br>9-May  | 24-Jan<br>8-May  | Open<br>Closed | 21-Dec<br>15-Apr                               | 21-Nov<br>21-Apr                        | 16-Nov<br>6-May                               | 20-Nov<br>9-May     | 14-Dec<br>14-Apr                       | Open<br>Closed | 1-Feb<br>13-Apr  |
| 2001/02           | Open<br>Closed |                                      | 20-Dec<br>18-Mar                | 10-Jan<br>18-Mar                      | 11-Jan<br>18-Mar                             | 9-Jan<br>18-Mar      | 18-Jan<br>18-Mar | 14-Jan<br>18-Mar  | 14-Dec<br>18-Mar     |                 | 24-Jan<br>25-Apr | 11-Feb<br>25-Apr | 21-Dec<br>30-Apr | 2-Dec<br>2-May   | 31-Dec<br>2-May  | Open<br>Closed | 24-Jan<br>23-Apr                               | 2-Dec<br>1-May                          | 20-Nov<br>9-May                               | 14-Dec<br>1-May     | 26-Jan<br>1-May                        | Open<br>Closed | 26-Jan<br>16-Apr |
| 2002/03           | Open<br>Closed |                                      | 22-Jan<br>18-Mar                | 22-Jan<br>10-Apr                      | 20-Jan<br>10-Apr                             | 20-Jan<br>10-Apr     | 27-Jan<br>10-Apr | 9-Jan<br>18-Mar   | 18-Dec<br>18-Mar     |                 | 27-Jan<br>17-Apr | 10-Feb<br>17-Apr | 6-Dec<br>18-Apr  | 17-Dec<br>26-Apr | 17-Jan<br>27-Apr | Open<br>Closed | 13-Jan<br>18-Apr                               | 22-Nov<br>19-Apr                        | 21-Nov<br>13-May                              | 21-Nov<br>13-May    | 19-Dec<br>19-Apr                       | Open<br>Closed | 1-Feb<br>2-Apr   |
| 2003/04           | Open<br>Closed |                                      | 19-Dec<br>16-Mar                | 29-Dec<br>16-Mar                      | 19-Dec<br>31-Mar                             | 19-Dec<br>31-Mar     | 23-Jan<br>16-Mar | 12-Dec<br>16-Mar  | 16-Dec<br>16-Mar     |                 | 13-Feb<br>22-Apr | 9-Mar<br>22-Apr  | 19-Dec<br>22-Apr | 17-Dec<br>27-Apr | 23-Dec<br>26-Apr | Open<br>Closed | 9-Dec<br>13-Apr                                | 26-Nov<br>22-Apr                        | 20-Nov<br>12-Apr                              | 14-Nov<br>12-Apr    | 6-Dec<br>19-Apr                        | Open<br>Closed | 28-Jan<br>31-Mar |
| 2004/05           | Open<br>Closed |                                      | 13-Dec<br>1-Apr                 | 4-Jan<br>1-Apr                        | 13-Dec<br>1-Apr                              | 13-Dec<br>1-Apr      | 21-Jan<br>1-Apr  | 21-Dec<br>15-Mar  | 13-Dec<br>15-Mar     |                 | 14-Jan<br>13-Apr | 28-Jan<br>13-Apr | 10-Dec<br>11-Apr | 7-Dec<br>27-Apr  | 6-Dec<br>25-Apr  | Open<br>Closed | 6-Dec<br>19-Apr                                | 29-Nov<br>22-Apr                        | 12-Nov<br>4-May                               | 31-Oct<br>3-May     | 12-Dec<br>22-Apr                       | Open<br>Closed | 26-Jan<br>5-Apr  |
| 2005/06           | Open<br>Closed |                                      | 19-Dec<br>7-Apr                 | 19-Dec<br>7-Apr                       | 29-Dec<br>7-Apr                              | 13-Jan<br>22-Mar     | 25-Jan<br>22-Mar | 22-Dec<br>22-Mar  | 8-Dec<br>22-Mar      |                 | 7-Feb<br>16-Apr  | 16-Mar<br>16-Apr | 20-Dec<br>18-Apr | 9-Jan<br>9-May   | 13-Jan<br>8-May  | Open<br>Closed | 17-Jan<br>18-Apr                               | 25-Nov<br>22-Apr                        | 1-Dec<br>9-May                                | 17-Nov<br>15-May    | 19-Dec<br>22-Apr                       | Open<br>Closed | 5-Feb<br>26-Mar  |
| 2006/07           | Open<br>Closed |                                      | 22-Dec<br>31-Mar                | 20-Dec<br>9-Apr                       | 21-Dec<br>9-Apr                              | 4-Jan<br>31-Mar      | 19-Jan<br>31-Mar | 5-Jan<br>31-Mar   | 1-Dec<br>31-Mar      |                 | 3-Feb<br>12-Apr  | 28-Feb<br>12-Apr | 4-Jan<br>12-Apr  | 5-Dec<br>2-May   | 6-Dec<br>4-May   | Open<br>Closed | 8-Dec<br>13-Apr                                | 24-Nov<br>15-Apr                        | 24-Nov<br>4-May                               | 9-Nov<br>9-May      | 22-Dec<br>15-Apr                       | Open<br>Closed | 28-Jan<br>8-Apr  |
| 2007/08           | Open<br>Closed |                                      | 21-Dec<br>9-Apr                 | 24-Dec<br>9-Apr                       | 8-Dec<br>9-Apr                               | 14-Dec<br>9-Apr      | 22-Jan<br>9-Apr  | 22-Dec<br>9-Apr   | 14-Dec<br>8-Apr      |                 | 8-Feb<br>11-Apr  | 28-Feb<br>11-Apr | 21-Dec<br>11-Apr | 17-Dec<br>24-Apr | 19-Dec<br>1-May  | Open<br>Closed | 16-Dec<br>14-Apr                               | 28-Nov<br>28-Apr                        | 30-Oct<br>11-May                              | 11-Jan<br>28-Apr    | 28-Jan<br>7-Apr                        | Open<br>Closed | 28-Jan<br>7-Apr  |
| 2008/09           | Open<br>Closed |                                      | 12-Jan<br>5-Apr                 | 23-Dec<br>5-Apr                       | 16-Dec<br>5-Apr                              | 19-Dec<br>5-Apr      | 20-Jan<br>5-Apr  | 19-Dec<br>5-Apr   | 15-Dec<br>5-Apr      |                 | 23-Jan<br>14-Apr | 21-Feb<br>14-Apr | 23-Dec<br>13-Apr | 18-Dec<br>26-Apr | 19-Dec<br>27-Apr | Open<br>Closed | 5-Jan<br>17-Apr                                | 27-Nov<br>29-Apr                        | 17-Nov<br>4-May                               | 1-Nov<br>1-May      | 27-Nov<br>28-Apr                       | Open<br>Closed | 1-Feb<br>25-Mar  |
| 2009/10           | Open<br>Closed |                                      | 23-Dec<br>31-Mar                | 23-Dec<br>31-Mar                      | 23-Dec<br>31-Mar                             | 23-Dec<br>31-Mar     | 28-Jan<br>31-Mar | 18-Dec<br>31-Mar  | 9-Dec<br>31-Mar      |                 | 20-Jan<br>18-Apr | 22-Feb<br>11-Apr | 24-Dec<br>8-Apr  | 18-Dec<br>20-Apr | 21-Dec<br>21-Apr | Open<br>Closed | 4-Jan<br>18-Apr                                | 9-Dec<br>28-Apr                         | 20-Nov<br>25-Apr                              | 20-Nov<br>18-Apr    | 17-Dec<br>21-Mar                       | Open<br>Closed | 4-Feb<br>21-Mar  |
| 2010/11           | Open<br>Closed |                                      | 23-Dec<br>29-Mar                | 23-Dec<br>29-Mar                      | 14-Dec<br>29-Mar                             | 14-Dec<br>29-Mar     | 10-Jan<br>29-Mar | 17-Dec<br>1-Apr   | 10-Dec<br>15-Apr     | 14-Feb<br>7-Apr | 14-Jan<br>8-Apr  | 5-Feb<br>8-Apr   | 16-Dec<br>27-Apr | 22-Dec<br>3-May  | 22-Dec<br>11-May | Open<br>Closed | 16-Dec<br>11-Apr                               | 3-Dec<br>29-Apr                         | 22-Nov<br>14-May                              | 8-Nov<br>15-May     | 22-Dec<br>29-Apr                       | Open<br>Closed | 28-Jan<br>31-Mar |
| Last 20 years avg | Open<br>Closed | 17-Dec<br>11-Apr                     | 7-Jan<br>24-Mar                 | 3-Jan<br>28-Mar                       | 30-Dec<br>28-Mar                             | n/a<br>n/a           | 22-Jan<br>26-Mar | 30-Dec<br>22-Mar  | 13-Dec<br>25-Mar     | n/a             | 27-Jan<br>10-Apr | 28-Jan<br>9-Apr  | 18-Dec<br>16-Apr | 18-Dec<br>26-Apr | 28-Dec<br>28-Apr | Open<br>Closed | 23-Dec<br>17-Apr                               | 27-Nov<br>22-Apr                        | 21-Nov<br>4-May                               | 1-Dec<br>4-May      | 15-Dec<br>21-Apr                       | Open<br>Closed | 28-Jan<br>2-Apr  |
| Last 5 years avg  | Open<br>Closed |                                      | 26-Dec<br>2-Apr                 | 22-Dec<br>4-Apr                       | 16-Dec<br>4-Apr                              | 21-Dec<br>2-Apr      | 19-Jan<br>2-Apr  | 22-Dec<br>3-Apr   | 9-Dec<br>5-Apr       | n/a             | 26-Jan<br>11-Apr | 20-Feb<br>11-Apr | 23-Dec<br>14-Apr | 16-Dec<br>27-Apr | 17-Dec<br>30-Apr | Open<br>Closed | 22-Dec<br>14-Apr                               | 2-Dec<br>24-Apr                         | 22-Nov<br>6-May                               | 19-Jan<br>6-May     | 20-Dec<br>23-Apr                       | Open<br>Closed | 30-Jan<br>31-Mar |

**Table 7 Truck Traffic on the Tibbitt to Contwoyto Winter Road**

|          |               | Lupin Mine (1) | BHP Diamonds Ekati Mine | Diavik Diamond Mines Inc. | DeBeers Snap Lake | Tahera | Mineral Exploration Traffic | Total   |
|----------|---------------|----------------|-------------------------|---------------------------|-------------------|--------|-----------------------------|---------|
| 2011     | Total Tonnage | 0              | 64,594                  | 127,375                   | 42,619            | 0      | 4,457                       | 239,045 |
|          | Total Trucks  | 0              | 1,967                   | 3,863                     | 1,373             | 0      | 186                         | 7,389   |
| 2010     | Total Tonnage | 0              | 47,581                  | 39,748                    | 32,505            | 0      | 186                         | 120,020 |
|          | Total Trucks  | 0              | 1,461                   | 1,345                     | 1,116             | 0      | 15                          | 3,937   |
| 2009     | Total Tonnage | 0              | 58,544                  | 91,362                    | 22,884            | 0      | 405                         | 173,195 |
|          | Total Trucks  | 0              | 1,663                   | 2,779                     | 904               | 0      | 31                          | 5,377   |
| 2008     | Total Tonnage | 0              | 72,233                  | 138,051                   | 43,244            | 2,300  | 2,513                       | 258,341 |
|          | Total Trucks  | 0              | 1,840                   | 4,239                     | 1,250             | 49     | 77                          | 7,455   |
| 2007     | Total Tonnage | 2,059          | 121,716                 | 133,267                   | 64,505            | 17,566 | 4,172                       | 343,285 |
|          | Total Trucks  | 55             | 3,937                   | 4,573                     | 2,355             | 500    | 236                         | 11,656  |
| 2006 (2) | Total Tonnage | 1,071          | 82,447                  | 55,750                    | 34,852            | 7,821  | 2,435                       | 184,376 |
|          | Total Trucks  | 35             | 3,152                   | 2,094                     | 1,623             | 258    | 148                         | 7,310   |
| 2005     | Total Tonnage | 7,709          | 117,661                 | 94,303                    | 18,089            | 0      | 14,771                      | 252,533 |
|          | Total Trucks  | 251            | 3,434                   | 2,848                     | 703               | 0      | 614                         | 7,850   |
| 2004     | Total Tonnage | 11,097         | 105,127                 | 53,960                    | 6,852             | 0      | 2,108                       | 179,144 |
|          | Total Trucks  | 288            | 2,984                   | 1,572                     | 295               | 0      | 117                         | 5,256   |
| 2003     | Total Tonnage | 27,832         | 101,990                 | 67,394                    | 0                 | 0      | 1,602                       | 198,818 |
|          | Total Trucks  | 702            | 3,003                   | 2,202                     | 0                 | 0      | 87                          | 5,994   |
| 2002     | Total Tonnage | 27,315         | 132,077                 | 93,009                    | 0                 | 0      | 3,083                       | 255,484 |
|          | Total Trucks  | 698            | 3,913                   | 3,339                     | 0                 | 0      | 218                         | 8,168   |
| 2001 (3) | Total Tonnage | 26,239         | 99,297                  | 111,506                   | 0                 | 0      | 8,545                       | 245,587 |
|          | Total Trucks  | 688            | 2,912                   | 4,127                     | 0                 | 0      | 363                         | 8,090   |

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.

|                 |                                 |
|-----------------|---------------------------------|
| 2011 season     | 62 days (January 28 - March 31) |
| 2010 season     | 45 days (February 4 - March 21) |
| 2009 season     | 52 days (February 1 - March 25) |
| 2008 season     | 70 days (January 28 - April 7)  |
| 2007 season     | 70 days (January 28 - April 8)  |
| 2006 (2) season | 49 days (February 5 - March 26) |
| 2005 season     | 69 days (January 26 - April 5)  |
| 2004 season     | 63 days (January 28 - March 31) |
| 2003 season     | 60 days (February 1 - April 2)  |
| 2002 season     | 80 days (January 26 - April 16) |
| 2001 season     | 71 days (February 1 - April 13) |

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

(2) Climatically, 2006 was one of the warmest winters on record.

Winter road never reached full load bearing capacity.

(3) For data preceeding 2001, please see Appendix B 'Historical Data'.

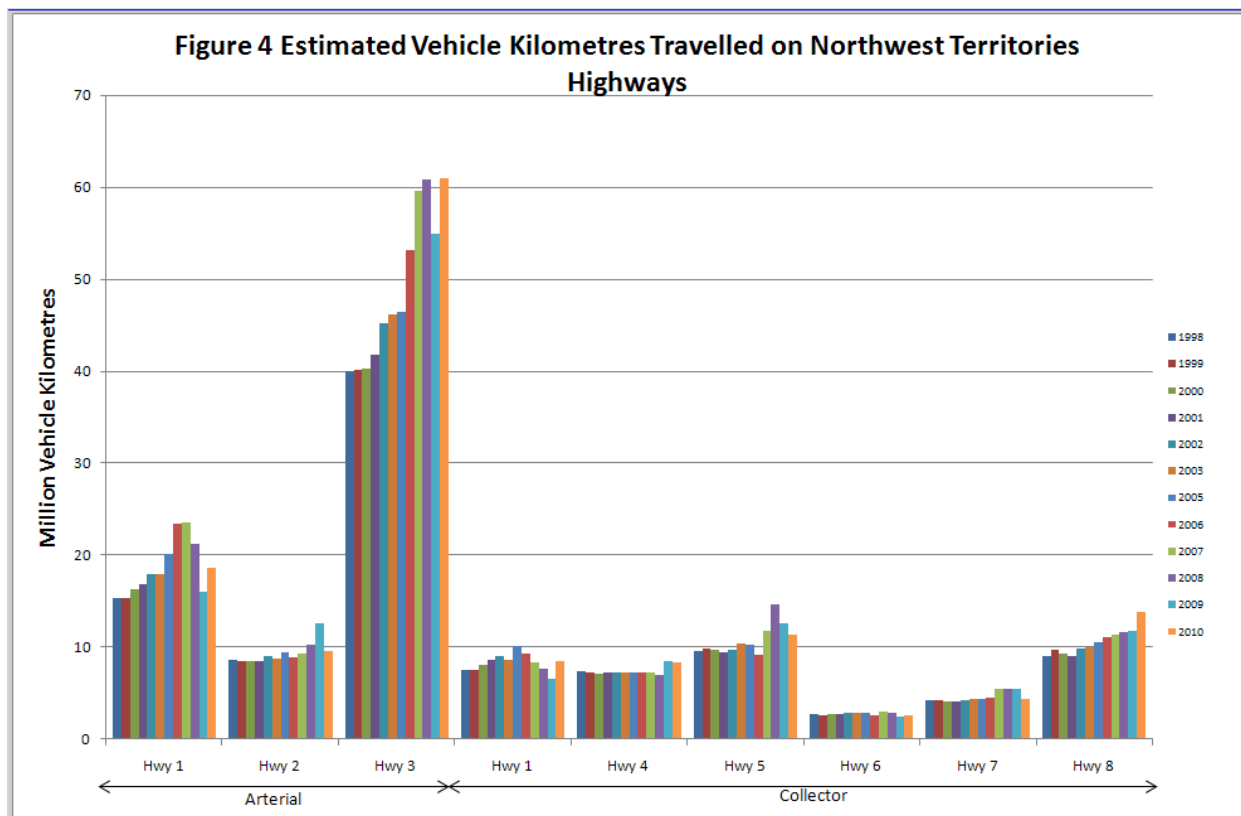
Refer to Figure 1 for the location of this winter road

**Table 8 Estimated Vehicle Kilometres Traveled on NWT Highways**

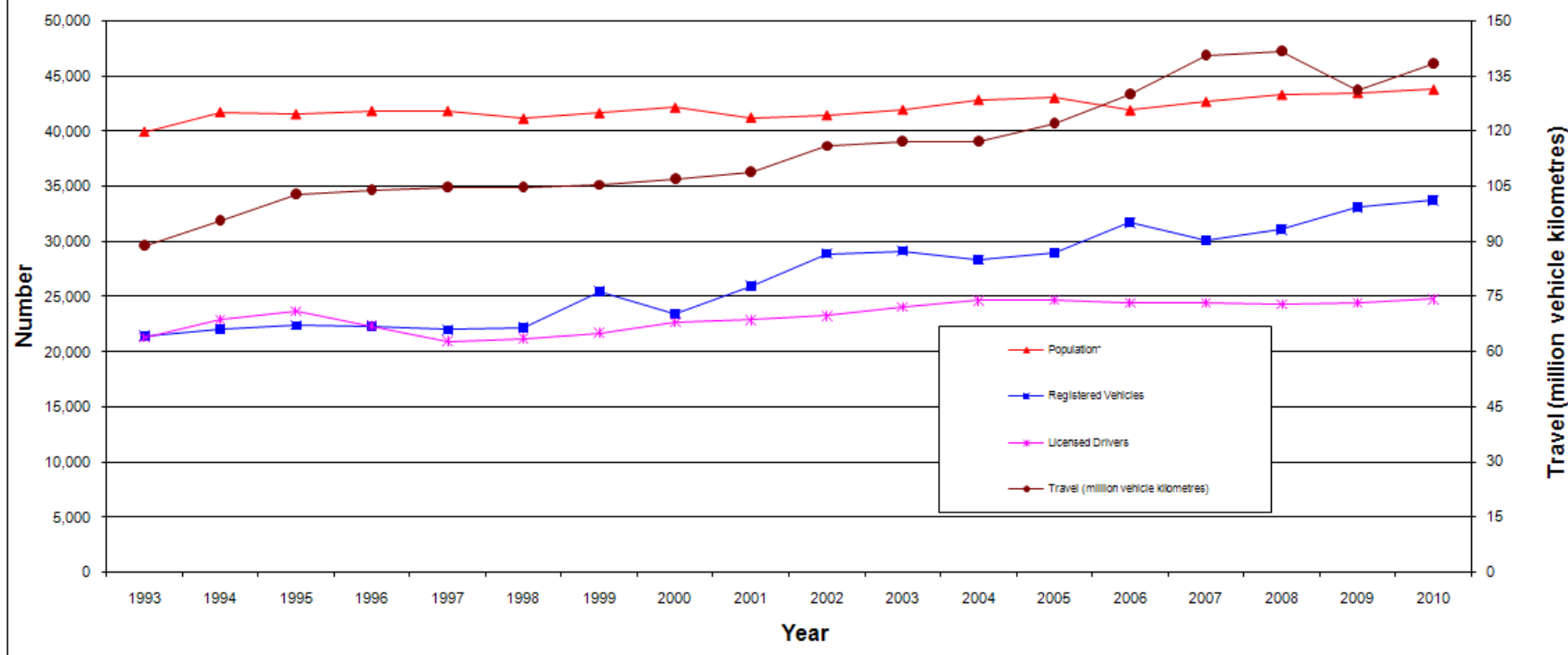
| Hwy                                | km  | Length<br>(km) | AADT |      |      |      |      |      |      |      |      |      | Vehicle Kilometres Traveled (Millions) |      |       |       |       |       |       |       |       |       |       |       |  |
|------------------------------------|-----|----------------|------|------|------|------|------|------|------|------|------|------|----------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                                    |     |                | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 | 2001 | 2010                                   | 2009 | 2008  | 2007  | 2006  | 2005  | 2004  | 2003  | 2002  | 2001  |       |       |  |
| 1                                  | 58  | 84.2           | 250  | 250  | 280  | 270  | 280  | 280  | 250  | 250  | 260  | 240  |                                        |      | 7.7   | 7.7   | 8.6   | 8.3   | 8.7   | 7.6   | 7.6   | 7.4   |       |       |  |
| 1                                  | 85  | 103.4          | 290  | 220  | 330  | 410  | 390  | 300  | 270  | 270  | 270  | 250  |                                        |      | 11.0  | 8.4   | 12.7  | 15.4  | 14.8  | 10.3  | 10.3  | 10.1  | 9.5   |       |  |
| 1 Arterial                         |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 18.7  | 16.0  | 21.3  | 23.7  | 23.5  | 20.1  | 18.0  | 17.9  | 16.8  |       |  |
| 2                                  | 10  | 37.5           | 430  | 610  | 450  | 380  | 420  | 450  | 410  | 410  | 420  | 400  |                                        |      | 5.9   | 8.3   | 6.1   | 5.3   | 5.7   | 6.1   | 5.6   | 5.6   | 5.5   |       |  |
| 2                                  | 32  | 6.2            | 1630 | 1900 | 1850 | 1790 | 1420 | 1460 | 1390 | 1390 | 1420 | 1340 |                                        |      | 3.7   | 4.3   | 4.2   | 4.1   | 3.2   | 3.3   | 3.1   | 3.1   | 3.2   |       |  |
| 2                                  | 42  | 43.7           | 2670 | 3250 | 2660 | 2940 | 2130 | 2530 | 2530 | 2530 | 2760 | 2500 |                                        |      | 9.6   | 12.6  | 10.3  | 9.3   | 9.0   | 9.4   | 8.7   | 9.0   | 8.5   |       |  |
| 2 Arterial                         |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      |       |       |       |       |       |       |       |       |       |       |  |
| 3                                  | 2   | 44.1           | 270  | 250  | 320  | 300  | 270  | 260  | 250  | 250  | 240  | 220  |                                        |      | 4.3   | 4.1   | 5.1   | 4.7   | 4.3   | 4.2   | 4.0   | 4.0   | 3.9   | 3.5   |  |
| 3                                  | 175 | 192.4          | 240  | 250  | 310  | 300  | 210  | 210  | 210  | 210  | 210  | 190  |                                        |      | 16.8  | 17.5  | 21.8  | 20.9  | 14.9  | 14.9  | 14.9  | 14.6  | 13.5  |       |  |
| 3                                  | 240 | 8.5            | 840  | 620  | 770  | 780  | 780  | 690  | 650  | 650  | 640  | 590  |                                        |      | 2.6   | 1.9   | 2.4   | 2.4   | 2.4   | 2.0   | 2.0   | 2.0   | 2.1   |       |  |
| 3                                  | 324 | 88.5           | 750  | 640  | 640  | 640  | 640  | 450  | 450  | 450  | 440  | 410  |                                        |      | 24.1  | 20.7  | 20.7  | 20.7  | 14.6  | 14.6  | 14.6  | 14.3  | 13.1  |       |  |
| 3                                  | 340 | 5.3            | 6730 | 5600 | 5600 | 5600 | 5680 | 5570 | 5570 | 5570 | 5460 | 5060 |                                        |      | 13.0  | 10.8  | 10.8  | 10.8  | 11.0  | 10.8  | 10.8  | 10.6  | 9.8   |       |  |
| 3 Arterial                         |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 60.9  | 55.0  | 60.8  | 59.6  | 53.2  | 46.4  | 46.2  | 45.3  | 41.8  |       |  |
| Total Arterial                     |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 89.2  | 83.6  | 92.4  | 92.6  | 85.7  | 76.0  | 72.9  | 72.2  | 67.1  |       |  |
| 1                                  | 322 | 268.8          | 70   | 40   | 50   | 60   | 60   | 60   | 60   | 60   | 60   | 60   |                                        |      | 6.5   | 3.9   | 4.9   | 5.4   | 6.1   | 7.2   | 6.1   | 6.1   | 6.3   | 6.1   |  |
| *1                                 | 468 | 14.9           | 270  | 230  | 240  | 240  | 240  | 240  | 240  | 240  | 240  | 240  |                                        |      | 1.5   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.3   | 1.2   |  |
| 1                                  | 477 | 79.2           | 20   | 50   | 50   | 60   | 60   | 60   | 60   | 40   | 40   | 50   |                                        |      | 0.6   | 1.4   | 1.4   | 1.6   | 1.9   | 1.6   | 1.2   | 1.2   | 1.5   | 1.2   |  |
| 1 Collector                        |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 8.5   | 6.6   | 7.7   | 8.3   | 9.3   | 10.1  | 8.6   | 8.6   | 9.1   | 8.6   |  |
| 4                                  | 1   | 5              | 1270 | 1460 | 900  | 870  | 1240 | 1240 | 1240 | 1240 | 1240 | 1240 |                                        |      | 2.3   | 2.7   | 1.6   | 1.6   | 2.3   | 2.3   | 2.3   | 2.3   | 2.3   | 2.3   |  |
| 4                                  | 10  | 11.8           | 820  | 650  | 660  | 610  | 730  | 730  | 730  | 730  | 730  | 730  |                                        |      | 3.6   | 2.8   | 2.9   | 2.7   | 3.2   | 3.2   | 3.2   | 3.2   | 3.2   | 3.2   |  |
| 4                                  | 43  | 52.4           | 130  | 190  | 130  | 160  | 100  | 100  | 100  | 100  | 100  | 100  |                                        |      | 2.4   | 3.0   | 2.4   | 3.0   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   |  |
| 4 Collector                        |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 8.3   | 8.5   | 6.9   | 7.2   | 7.3   | 7.3   | 7.3   | 7.3   | 7.3   | 7.3   |  |
| 5                                  | 1   | 2.5            | 520  | 560  | 560  | 560  | 560  | 560  | 560  | 560  | 540  | 520  |                                        |      | 0.6   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |  |
| 5                                  | 19  | 57.9           | 160  | 230  | 260  | 210  | 150  | 170  | 170  | 170  | 160  | 160  |                                        |      | 3.5   | 4.8   | 5.5   | 4.5   | 3.2   | 3.7   | 3.7   | 3.4   | 3.4   | 3.4   |  |
| 5                                  | 65  | 187.8          | 90   | 90   | 110  | 90   | 70   | 80   | 80   | 80   | 70   | 70   |                                        |      | 5.8   | 6.0   | 7.4   | 6.4   | 4.5   | 5.3   | 5.5   | 5.0   | 4.8   | 4.8   |  |
| 5                                  | 232 | 13.5           | 150  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 120  | 120  |                                        |      | 0.8   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   |  |
| 5                                  | 257 | 4.3            | 500  | 420  | 420  | 420  | 420  | 420  | 420  | 420  | 400  | 390  |                                        |      | 0.8   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.6   | 0.6   | 0.6   |  |
| 5 Collector                        |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 11.4  | 12.6  | 14.7  | 12.6  | 9.5   | 10.8  | 11.0  | 10.1  | 9.8   |       |  |
| 6                                  | 30  | 68.3           | 80   | 70   | 80   | 80   | 80   | 80   | 80   | 80   | 80   | 80   |                                        |      | 1.9   | 1.9   | 2.1   | 2.1   | 1.9   | 1.9   | 2.0   | 2.0   | 1.9   |       |  |
| 6                                  | 74  | 21.7           | 100  | 80   | 110  | 110  | 100  | 120  | 110  | 110  | 100  | 100  |                                        |      | 0.8   | 0.6   | 0.8   | 0.9   | 0.8   | 0.9   | 0.8   | 0.8   | 0.8   |       |  |
| 6 Collector                        |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 2.7   | 2.5   | 2.9   | 3.0   | 2.6   | 2.9   | 2.9   | 2.8   | 2.7   |       |  |
| 7                                  | 35  | 37.6           | 80   | 110  | 110  | 110  | 140  | 120  | 120  | 120  | 120  | 120  |                                        |      | 1.1   | 1.5   | 1.5   | 1.5   | 1.9   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |  |
| 7                                  | 253 | 216.5          | 40   | 50   | 50   | 50   | 30   | 30   | 30   | 30   | 30   | 30   |                                        |      | 3.3   | 4.0   | 4.0   | 4.0   | 2.7   | 2.7   | 2.7   | 2.6   | 2.5   |       |  |
| 7 Collector                        |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 4.4   | 5.5   | 5.5   | 5.5   | 4.6   | 4.3   | 4.3   | 4.3   | 4.3   |       |  |
| 8                                  | 34  | 85.4           | 70   | 50   | 70   | 70   | 70   | 50   | 50   | 50   | 50   | 40   |                                        |      | 2.1   | 1.7   | 2.2   | 2.2   | 2.2   | 1.6   | 1.6   | 1.6   | 1.1   |       |  |
| 8                                  | 106 | 57.2           | 130  | 150  | 120  | 110  | 90   | 100  | 80   | 80   | 80   | 80   |                                        |      | 2.7   | 3.1   | 2.6   | 2.3   | 1.9   | 2.1   | 1.7   | 1.7   | 1.8   | 1.8   |  |
| 8                                  | 243 | 116.7          | 110  | 80   | 80   | 80   | 80   | 80   | 80   | 80   | 80   | 70   |                                        |      | 4.5   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   |       |  |
| 8                                  | 299 | 6.1            | 970  | 740  | 740  | 740  | 740  | 740  | 740  | 740  | 690  | 630  |                                        |      | 2.2   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.5   | 1.4   |  |
| 8                                  | 268 | 3.9            | 1700 | 1370 | 1370 | 1370 | 1370 | 1370 | 1270 | 1270 | 1210 | 1120 |                                        |      | 2.4   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.8   | 1.8   | 1.7   | 1.6   |  |
| 8 collector                        |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 13.8  | 11.8  | 11.7  | 11.4  | 11.0  | 10.6  | 10.0  | 9.9   | 9.0   |       |  |
| Total Collector                    |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 131.2 |       |       |       |       |       |       |       |       |       |  |
| Total Vehicle Kilometres Travelled |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 49.1  | 47.4  | 49.3  | 48.0  | 44.4  | 46.0  | 44.1  | 44.1  | 43.6  | 41.6  |  |
|                                    |     |                |      |      |      |      |      |      |      |      |      |      |                                        |      | 138.3 | 131.0 | 141.7 | 140.6 | 130.0 | 122.0 | 117.0 | 117.0 | 115.8 | 108.7 |  |

Percent increase from 2001 to 2002 = 6.5% (Arterial increase = 7.6%; Collector increase = 4.8%)  
Percent increase from 2002 to 2003 = 1.1% (Arterial increase = 0.9%; Collector increase = 1.3%)  
Percent increase from 2003 to 2004 = 0% (Arterial increase = 0%; Collector increase = 0%)  
Percent increase from 2004 to 2005 = 4.3% (Arterial increase = 4.3%; Collector increase = 4.2%)

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.



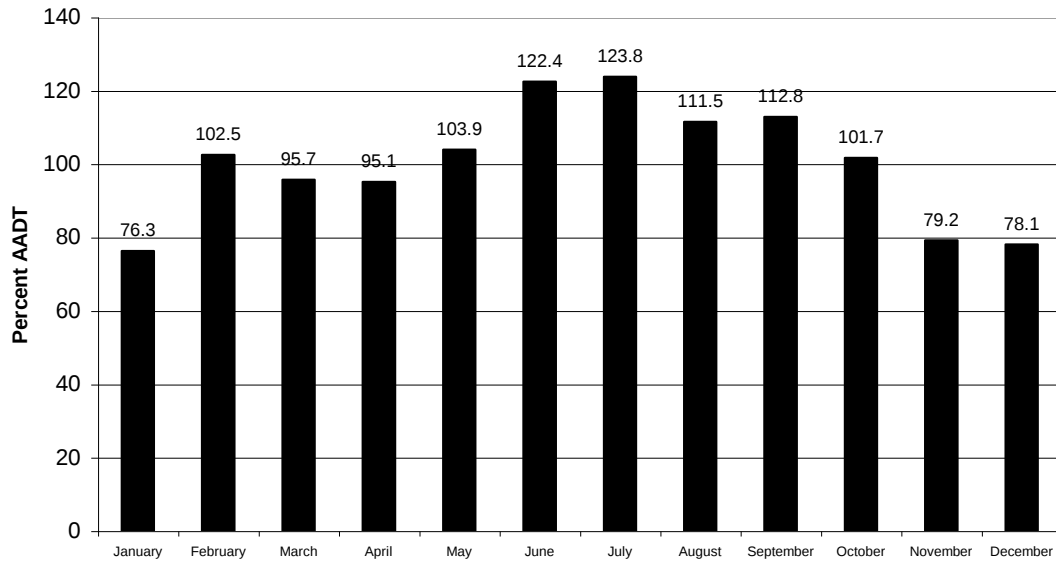
**Figure 5 Yearly Trend in Road-Related Indicators**



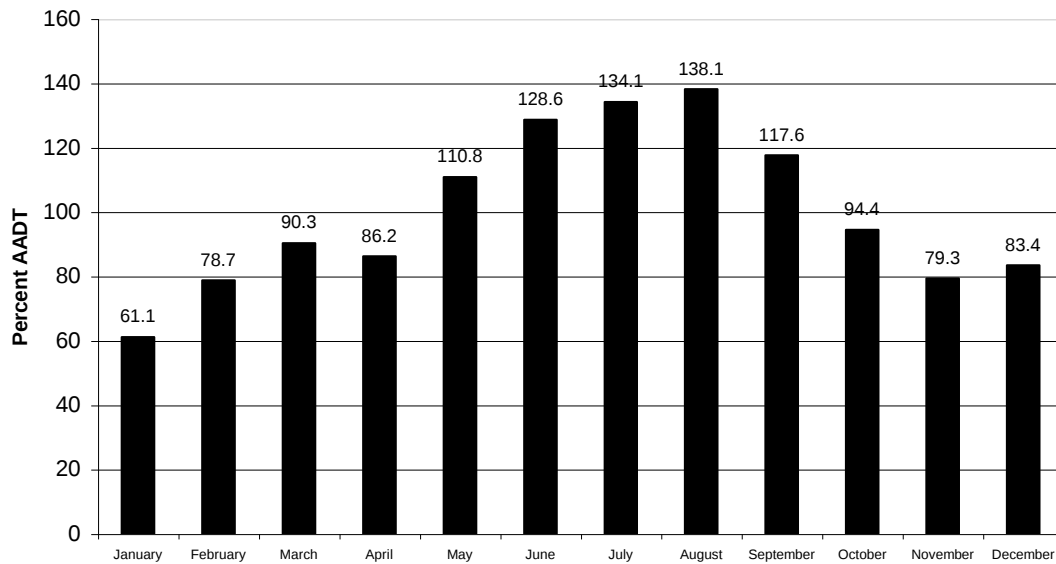
| Indicators                          | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Population*                         | 41,800 | 41,800 | 41,100 | 41,600 | 42,100 | 41,200 | 41,400 | 41,900 | 42,810 | 42,982 | 41,861 | 42,637 | 43,282 | 43,439 | 43,759 |
| Registered Vehicles                 | 22,278 | 21,956 | 22,201 | 25,426 | 23,371 | 25,936 | 28,856 | 29,106 | 28,305 | 28,934 | 31,664 | 30,078 | 31,042 | 33,036 | 33,688 |
| Licensed Drivers                    | 22,297 | 20,850 | 21,112 | 21,669 | 22,626 | 22,838 | 23,223 | 24,040 | 24,641 | 24,703 | 24,432 | 24,442 | 24,323 | 24,449 | 24,785 |
| Travel (million vehicle kilometres) | 103.8  | 104.6  | 104.7  | 105.2  | 106.8  | 108.7  | 115.8  | 117.0  | 117.0  | 122.0  | 130.0  | 140.6  | 141.7  | 131.0  | 138.3  |

\*Source: Northwest Territories Stats Bureau

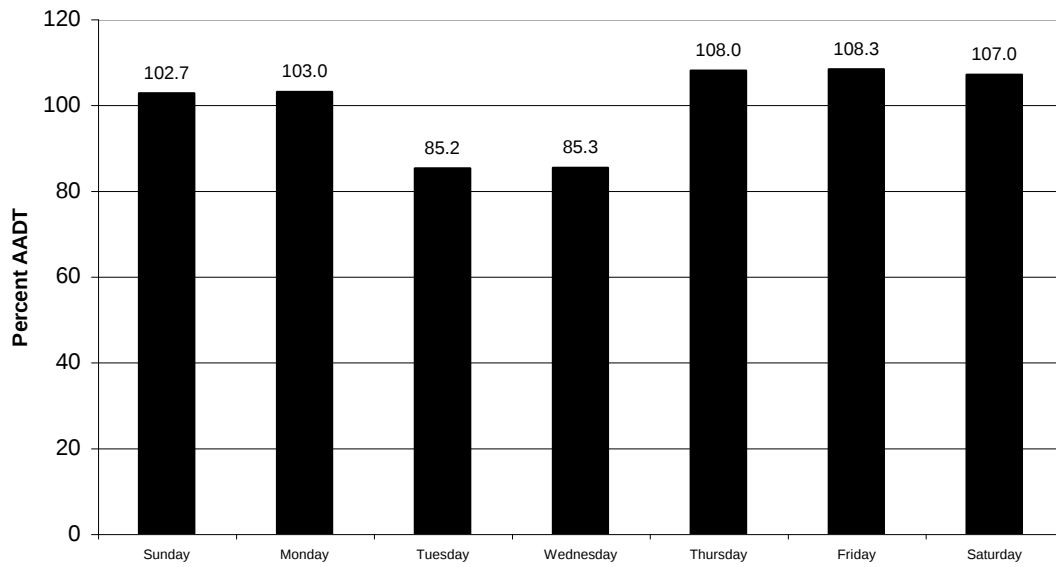
**Figure 6**  
**Distribution of Monthly Traffic**  
**Typical Near Urban Highway**  
**(Hwy 3, Km 338)**



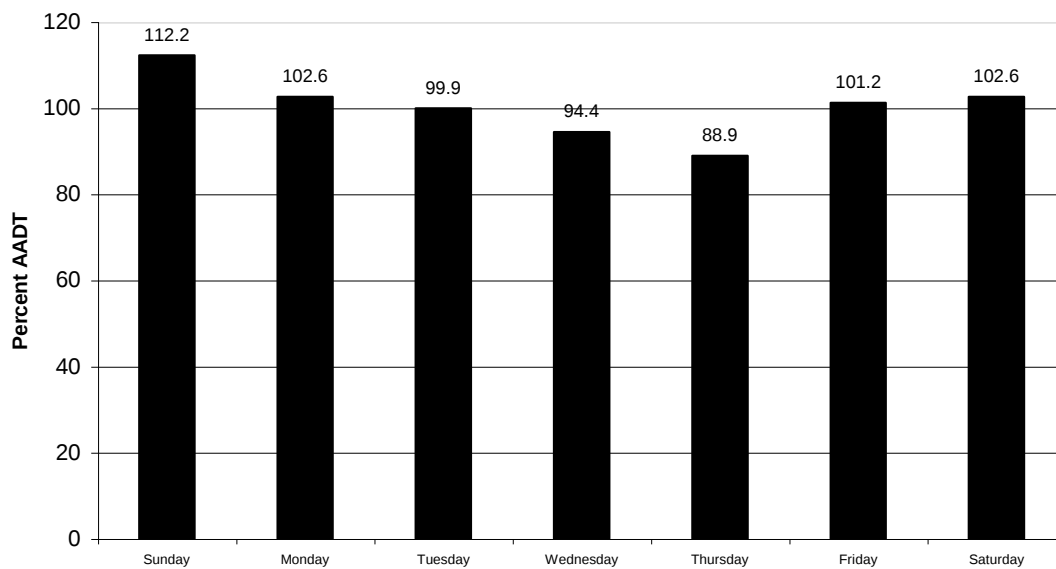
**Typical Rural Highway**  
**(Hwy 5, Km 65)**



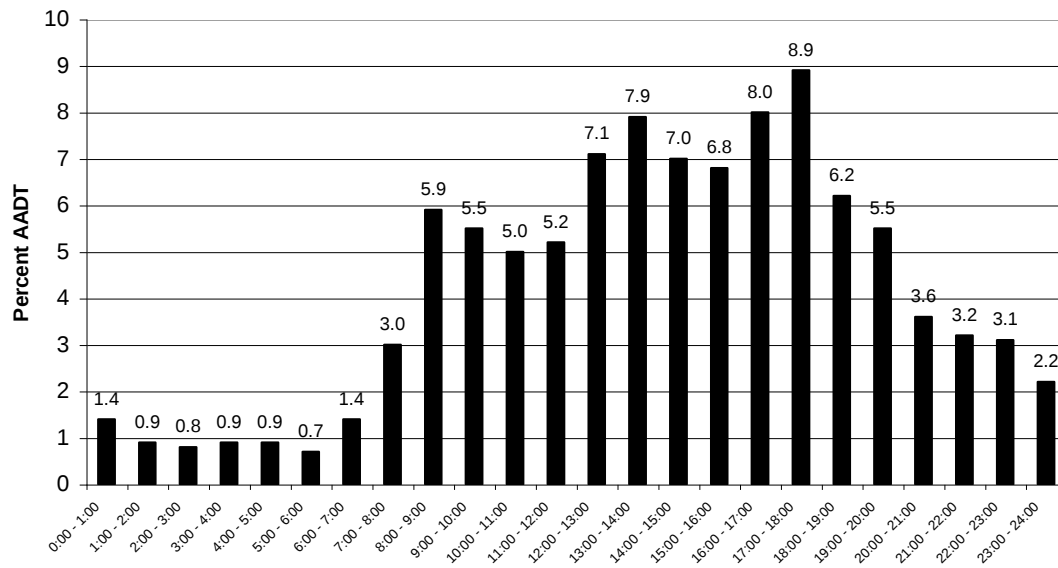
**Figure 7**  
**Distribution of Daily Traffic**  
**Typical Near Urban Highway**  
(Hwy 3, Km 338)



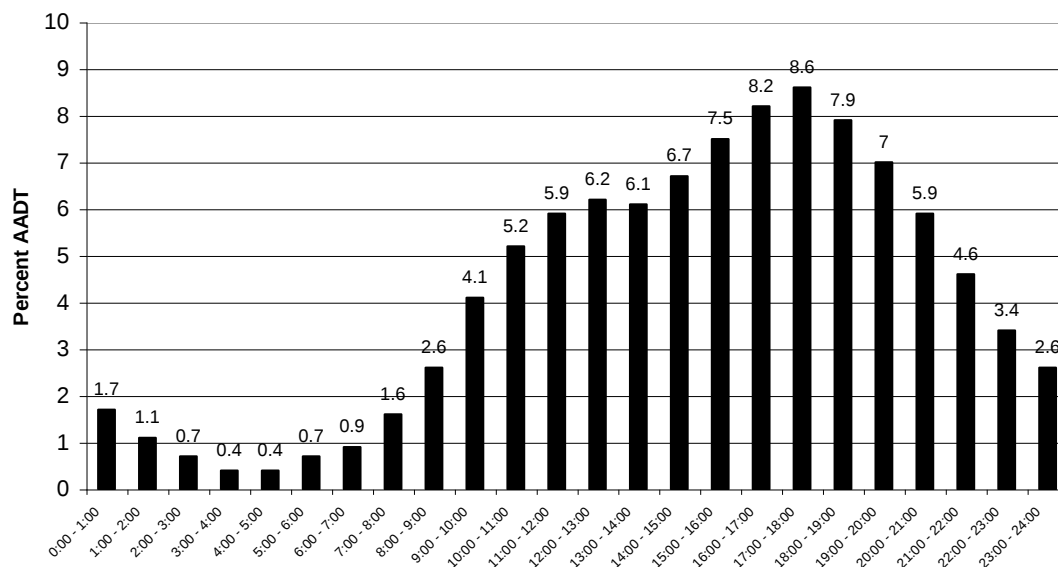
**Typical Rural Highway**  
(Hwy 5, Km 65)



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



**Typical Rural Highway**  
**(Hwy 5, Km 65)**



## **Section 3.0**

### **Vehicle Movements at Ferries and Weigh Scales**

**Figure 9**  
**Average Daily Traffic on Highway Ferries**

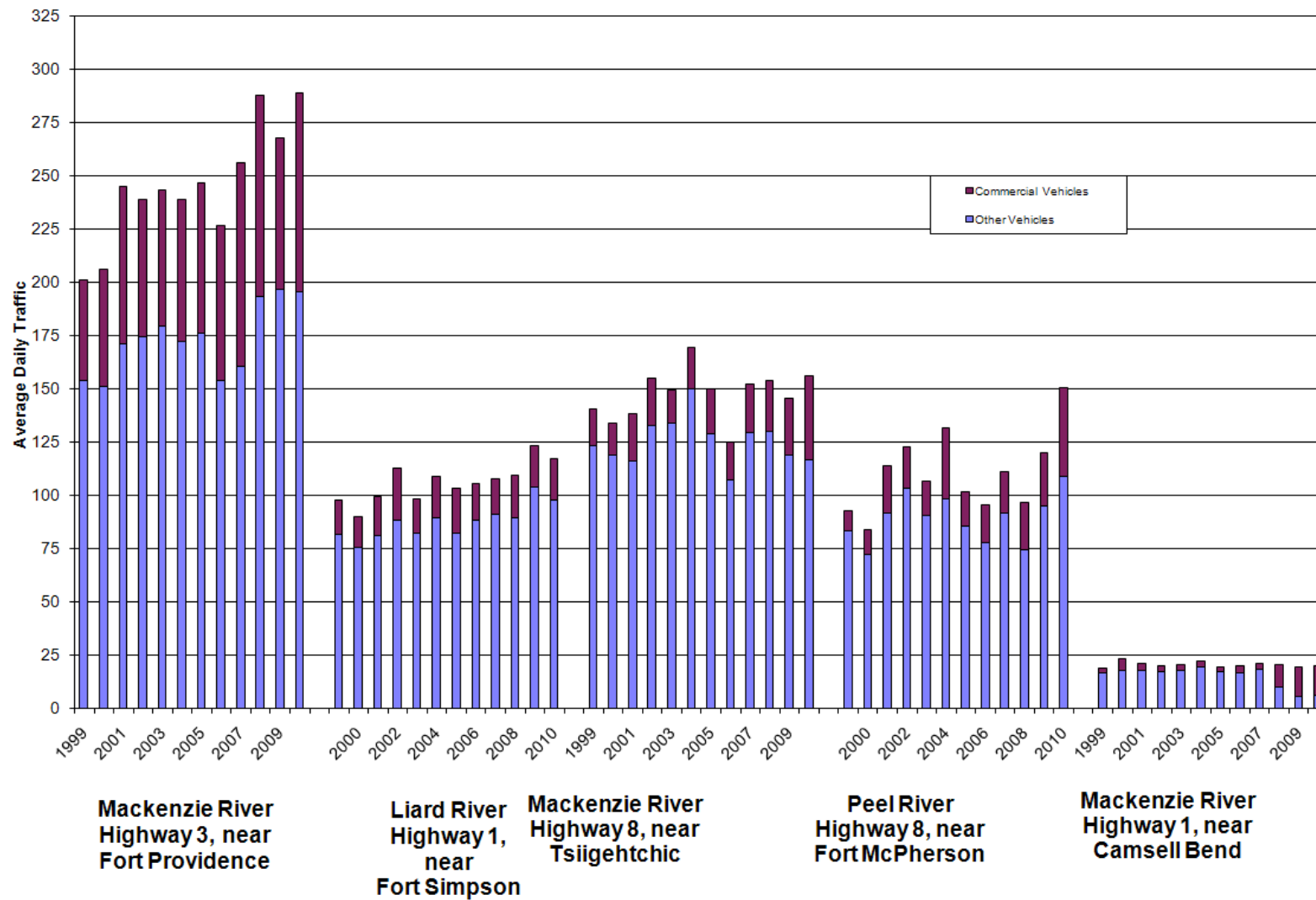


Table 9 Average Daily Traffic on Highway Ferries

| Ferry Crossing  | Location                        | Ferry                | Vehicle Type        | Year       |            |            |            |            |            |            |            |            |            |            |            |
|-----------------|---------------------------------|----------------------|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                 |                                 |                      |                     | 2010       | 2009       | 2008       | 2007       | 2006       | 2005       | 2004       | 2003       | 2002       | 2001       | 2000       | 1999       |
| Dory Point      | Highway 3, near Fort Providence | M.V. Merv Hardie     | Commercial Vehicles | 93         | 71         | 94         | 95         | 73         | 71         | 67         | 64         | 64         | 74         | 55         | 47         |
|                 |                                 |                      | Light Vehicles      | 177        | 177        | 176        | 142        | 138        | 159        | 154        | 159        | 156        | 154        | 134        | 137        |
|                 |                                 |                      | Trailers Towed      | 19         | 20         | 18         | 19         | 17         | 17         | 18         | 21         | 19         | 18         | 17         | 18         |
|                 |                                 |                      | <b>Total</b>        | <b>289</b> | <b>268</b> | <b>288</b> | <b>256</b> | <b>227</b> | <b>247</b> | <b>239</b> | <b>244</b> | <b>239</b> | <b>245</b> | <b>206</b> | <b>201</b> |
| Liard River     | Highway 1, near Fort Simpson    | M.V. Lafferty        | Commercial Vehicles | 20         | 19         | 20         | 17         | 17         | 21         | 20         | 16         | 24         | 19         | 14         | 16         |
|                 |                                 |                      | Light Vehicles      | 90         | 96         | 83         | 84         | 81         | 76         | 83         | 76         | 82         | 75         | 70         | 76         |
|                 |                                 |                      | Trailers Towed      | 8          | 8          | 7          | 7          | 7          | 6          | 6          | 7          | 7          | 6          | 6          | 6          |
|                 |                                 |                      | <b>Total</b>        | <b>118</b> | <b>123</b> | <b>110</b> | <b>108</b> | <b>106</b> | <b>104</b> | <b>109</b> | <b>98</b>  | <b>113</b> | <b>100</b> | <b>90</b>  | <b>98</b>  |
| Mackenzie River | Highway 8, near Tsiigehtchic    | M.V. Louis Cardinal  | Commercial Vehicles | 40         | 27         | 24         | 23         | 18         | 21         | 20         | 15         | 23         | 22         | 15         | 18         |
|                 |                                 |                      | Light Vehicles      | 108        | 109        | 122        | 119        | 99         | 119        | 136        | 127        | 120        | 104        | 106        | 108        |
|                 |                                 |                      | Trailers Towed      | 9          | 10         | 8          | 11         | 8          | 10         | 14         | 7          | 13         | 12         | 13         | 15         |
|                 |                                 |                      | <b>Total</b>        | <b>157</b> | <b>146</b> | <b>154</b> | <b>152</b> | <b>125</b> | <b>150</b> | <b>170</b> | <b>150</b> | <b>155</b> | <b>139</b> | <b>134</b> | <b>141</b> |
| Peel River      | Highway 8, near Fort McPherson  | C.F. Abraham Francis | Commercial Vehicles | 42         | 25         | 22         | 19         | 18         | 16         | 34         | 16         | 19         | 22         | 12         | 9          |
|                 |                                 |                      | Light Vehicles      | 100        | 88         | 69         | 82         | 71         | 80         | 91         | 82         | 97         | 82         | 64         | 71         |
|                 |                                 |                      | Trailers Towed      | 9          | 7          | 6          | 10         | 7          | 6          | 8          | 9          | 7          | 10         | 8          | 12         |
|                 |                                 |                      | <b>Total</b>        | <b>151</b> | <b>120</b> | <b>97</b>  | <b>111</b> | <b>96</b>  | <b>102</b> | <b>132</b> | <b>107</b> | <b>123</b> | <b>114</b> | <b>84</b>  | <b>93</b>  |
| Mackenzie River | Highway 1, near Camsell Bend    | M.V. Johnny Berens   | Commercial Vehicles | 14         | 14         | 11         | 3          | 3          | 3          | 3          | 3          | 3          | 3          | 6          | 2          |
|                 |                                 |                      | Light Vehicles      | 5          | 5          | 9          | 18         | 16         | 16         | 18         | 17         | 16         | 17         | 17         | 16         |
|                 |                                 |                      | Trailers Towed      | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                 |                                 |                      | <b>Total</b>        | <b>20</b>  | <b>19</b>  | <b>21</b>  | <b>21</b>  | <b>20</b>  | <b>20</b>  | <b>22</b>  | <b>21</b>  | <b>20</b>  | <b>21</b>  | <b>23</b>  | <b>19</b>  |

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

| Operating Season<br>Open | Close     | Month  | Total<br>Traffic | Average<br>Daily<br>Traffic | Percent of Total  |                   |                      |                       |           |      |       | Total<br>Commercial | Number of<br>Passengers |
|--------------------------|-----------|--------|------------------|-----------------------------|-------------------|-------------------|----------------------|-----------------------|-----------|------|-------|---------------------|-------------------------|
|                          |           |        |                  |                             | Light<br>Vehicles | Trailers<br>Towed | Truck<br>Single Unit | Truck Semi<br>Trailer | Over size | Bus  | Other |                     |                         |
| 6-May-10                 | 14-Jan-11 | May-10 | 5,372            | 207                         | 66.16             | 8.23              | 3.24                 | 20.72                 | 0.04      | 0.67 | 0.95  | 25.61               | 9,357                   |
|                          |           | Jun-10 | 9,927            | 331                         | 62.05             | 12.83             | 2.15                 | 20.64                 | 0.01      | 0.63 | 1.68  | 25.11               | 17,324                  |
|                          |           | Jul-10 | 12,775           | 412                         | 63.97             | 10.06             | 1.98                 | 21.96                 | 0.02      | 0.54 | 1.47  | 25.97               | 21,685                  |
|                          |           | Aug-10 | 12,774           | 412                         | 65.64             | 6.73              | 1.62                 | 24.57                 | 0.04      | 0.39 | 1.00  | 27.63               | 21,520                  |
|                          |           | Sep-10 | 11,089           | 370                         | 62.04             | 4.68              | 2.34                 | 29.63                 | 0.05      | 0.44 | 0.82  | 33.28               | 18,357                  |
|                          |           | Oct-10 | 10,120           | 326                         | 62.41             | 3.15              | 1.90                 | 30.78                 | 0.05      | 0.58 | 1.13  | 34.44               | 16,891                  |
|                          |           | Nov-10 | 5,161            | 172                         | 56.27             | 2.00              | 2.89                 | 37.74                 | 0.12      | 0.56 | 0.43  | 41.74               | 7,870                   |
|                          |           | Dec-10 | 4,702            | 152                         | 47.00             | 1.57              | 2.68                 | 47.49                 | 0.26      | 0.55 | 0.45  | 51.42               | 6,647                   |
|                          |           | Jan-11 | 1,190            | 85                          | 7.14              | 0.92              | 4.96                 | 83.19                 | 0.67      | 0.17 | 2.94  | 91.93               | 1,293                   |
|                          |           | Total  | 73,110           | 289                         | 61.09             | 6.68              | 2.23                 | 28.28                 | 0.06      | 0.52 | 1.12  | 32.22               | 120,944                 |
| 15-May-09                | 21-Jan-10 | May-09 | 4,186            | 246                         | 70.14             | 7.67              | 2.87                 | 17.18                 | 0.00      | 0.53 | 1.62  | 22.19               | 7,439                   |
|                          |           | Jun-09 | 9,608            | 320                         | 63.70             | 13.47             | 1.59                 | 19.28                 | 0.00      | 0.63 | 1.33  | 22.84               | 17,501                  |
|                          |           | Jul-09 | 12,155           | 392                         | 70.06             | 10.72             | 2.17                 | 14.69                 | 0.02      | 0.52 | 1.83  | 19.22               | 21,950                  |
|                          |           | Aug-09 | 11,607           | 374                         | 71.23             | 7.80              | 1.87                 | 17.45                 | 0.05      | 0.42 | 1.17  | 20.97               | 21,257                  |
|                          |           | Sep-09 | 8,885            | 296                         | 67.17             | 5.77              | 2.80                 | 22.69                 | 0.05      | 0.60 | 0.92  | 27.06               | 15,535                  |
|                          |           | Oct-09 | 7,467            | 241                         | 68.80             | 3.78              | 3.03                 | 23.20                 | 0.08      | 0.76 | 0.36  | 27.43               | 12,927                  |
|                          |           | Nov-09 | 6,128            | 204                         | 58.96             | 2.22              | 2.71                 | 34.89                 | 0.16      | 0.64 | 0.42  | 38.82               | 10,033                  |
|                          |           | Dec-09 | 5,467            | 176                         | 64.39             | 3.35              | 2.87                 | 28.11                 | 0.15      | 0.68 | 0.46  | 32.27               | 9,208                   |
|                          |           | Jan-10 | 1,735            | 83                          | 20.75             | 2.31              | 4.44                 | 71.41                 | 0.06      | 0.17 | 0.86  | 76.95               | 2,145                   |
|                          |           | Total  | 67,238           | 268                         | 66.09             | 7.40              | 2.42                 | 22.37                 | 0.06      | 0.57 | 1.08  | 26.51               | 117,995                 |
| 13-May-08                | 26-Jan-09 | May-08 | 5,000            | 263                         | 62.02             | 6.76              | 2.16                 | 27.26                 | 0.00      | 0.72 | 1.08  | 31.22               | 8,630                   |
|                          |           | Jun-08 | 11,332           | 378                         | 64.37             | 10.14             | 1.27                 | 22.55                 | 0.07      | 0.49 | 1.12  | 25.49               | 20,619                  |
|                          |           | Jul-08 | 11,966           | 386                         | 63.17             | 8.81              | 1.94                 | 23.87                 | 0.03      | 0.47 | 1.72  | 28.02               | 21,670                  |
|                          |           | Aug-08 | 12,169           | 393                         | 71.90             | 7.67              | 1.61                 | 17.48                 | 0.01      | 0.38 | 0.96  | 20.44               | 21,923                  |
|                          |           | Sep-08 | 9,606            | 320                         | 62.54             | 5.39              | 2.53                 | 28.21                 | 0.00      | 0.58 | 0.74  | 32.06               | 16,114                  |
|                          |           | Oct-08 | 8,808            | 284                         | 64.26             | 2.87              | 2.38                 | 29.06                 | 0.05      | 0.74 | 0.64  | 32.87               | 15,128                  |
|                          |           | Nov-08 | 6,958            | 232                         | 49.17             | 2.01              | 2.46                 | 44.96                 | 0.03      | 0.65 | 0.73  | 48.82               | 10,592                  |
|                          |           | Dec-08 | 5,656            | 182                         | 53.84             | 2.93              | 2.55                 | 39.34                 | 0.04      | 0.53 | 0.78  | 43.23               | 8,802                   |
|                          |           | Jan-09 | 2,747            | 106                         | 19.91             | 1.57              | 5.39                 | 70.55                 | 0.07      | 0.51 | 2.00  | 78.52               | 3,529                   |
|                          |           | Total  | 74,242           | 288                         | 61.13             | 6.19              | 2.15                 | 28.91                 | 0.03      | 0.54 | 1.05  | 32.68               | 127,007                 |
| 14-May-07                | 18-Jan-08 | Total  | 63,843           | 256                         | 55.24             | 7.55              | 2.07                 | 33.47                 | 0.04      | 0.66 | 0.97  | 37.21               | 109,615                 |
| 7-May-06                 | 22-Jan-07 | Total  | 59,021           | 227                         | 60.64             | 7.30              | 2.82                 | 27.41                 | 0.07      | 0.71 | 1.06  | 32.06               | 101,293                 |
| 12-May-05                | 2-Feb-06  | Total  | 65,647           | 247                         | 64.59             | 6.78              | 2.63                 | 23.71                 | 0.07      | 0.75 | 1.47  | 28.63               | 120,268                 |
| 17-May-04                | 6-Jan-05  | Total  | 55,968           | 239                         | 64.58             | 7.56              | 2.68                 | 23.09                 | 0.08      | 0.79 | 1.23  | 27.86               | 104,377                 |
| 17-May-03                | 9-Jan-04  | Total  | 57,720           | 244                         | 65.40             | 8.45              | 2.23                 | 21.87                 | 0.10      | 0.71 | 1.25  | 26.16               | 109,721                 |
| 22-May-02                | 27-Jan-03 | Total  | 59,728           | 239                         | 65.17             | 7.98              | 2.28                 | 22.68                 | 0.13      | 0.70 | 1.06  | 26.85               | 111,535                 |
| 12-May-01                | 15-Jan-02 | Total  | 60,868           | 245                         | 62.66             | 7.22              | 2.22                 | 25.37                 | 0.53      | 0.78 | 1.22  | 30.12               | 115,370                 |
| 9-May-00                 | 15-Jan-01 | Total  | 51,753           | 206                         | 65.10             | 8.20              | 2.10                 | 22.26                 | 0.03      | 0.79 | 1.52  | 26.70               | 99,729                  |
| 9-May-99                 | 21-Jan-00 | Total  | 51,753           | 201                         | 67.83             | 8.72              | 2.04                 | 19.18                 | 0.06      | 0.84 | 1.33  | 23.45               | 102,541                 |
| 7-May-98                 | 13-Jan-99 | Total  | 51,820           | 206                         | 68.63             | 8.32              | 2.27                 | 18.71                 | 0.01      | 0.81 | 1.24  | 23.04               | 100,691                 |
| 14-May-97                | 29-Jan-98 | Total  | 52,660           | 203                         | 64.26             | 7.22              | 2.55                 | 23.95                 | 0.07      | 0.82 | 1.13  | 28.52               | 100,851                 |
| 15-May-96                | 14-Jan-97 | Total  | 49,409           | 202                         | 63.73             | 6.82              | 3.05                 | 24.22                 | 0.14      | 0.59 | 1.45  | 29.44               | 96,779                  |

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

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

| Operating Season | Month     | Total Traffic | Average Daily Traffic | Percent of Total |                |                   |                    |           | Bus  | Other | Total Commercial | Number of Passengers |
|------------------|-----------|---------------|-----------------------|------------------|----------------|-------------------|--------------------|-----------|------|-------|------------------|----------------------|
|                  |           |               |                       | Light vehicles   | Trailers towed | Truck Single Unit | Truck Semi trailer | Over size |      |       |                  |                      |
| 10-May-10        | 8-Nov-10  | May-10        | 2,231                 | 101              | 81.26          | 6.19              | 6.95               | 3.32      | 0.04 | 0.04  | 2.20             | 4,462                |
|                  |           | Jun-10        | 3,492                 | 116              | 73.02          | 7.59              | 4.15               | 12.71     | 0.40 | 0.17  | 1.95             | 6,604                |
|                  |           | Jul-10        | 4,172                 | 135              | 74.66          | 8.70              | 4.77               | 9.18      | 0.26 | 0.26  | 2.16             | 8,213                |
|                  |           | Aug-10        | 3,945                 | 127              | 78.02          | 7.88              | 2.48               | 9.33      | 0.23 | 0.23  | 1.83             | 7,630                |
|                  |           | Sep-10        | 3,687                 | 123              | 79.33          | 4.50              | 3.09               | 11.07     | 0.30 | 0.35  | 1.36             | 6,623                |
|                  |           | Oct-10        | 3,080                 | 99               | 75.97          | 3.93              | 5.23               | 11.85     | 0.39 | 0.13  | 2.50             | 6,035                |
|                  |           | Nov-10        | 795                   | 99               | 75.97          | 3.93              | 5.23               | 11.85     | 0.39 | 0.13  | 2.50             | 1,557                |
|                  |           | Total         | 21,402                | 118              | 76.75          | 6.52              | 4.27               | 9.98      | 0.29 | 0.21  | 1.99             | 41,124               |
| 15-May-09        | 4-Nov-09  | May-09        | 2,231                 | 131              | 81.26          | 6.19              | 6.95               | 3.32      | 0.04 | 0.04  | 2.20             | 4,462                |
|                  |           | Jun-09        | 4,135                 | 138              | 79.30          | 7.55              | 2.35               | 7.30      | 1.72 | 0.39  | 1.40             | 8,269                |
|                  |           | Jul-09        | 3,815                 | 123              | 76.99          | 8.55              | 2.18               | 8.41      | 1.02 | 0.21  | 2.65             | 7,494                |
|                  |           | Aug-09        | 3,867                 | 125              | 78.20          | 7.99              | 3.62               | 8.66      | 0.23 | 0.13  | 1.16             | 7,646                |
|                  |           | Sep-09        | 3,953                 | 132              | 74.48          | 5.16              | 3.90               | 13.51     | 1.14 | 0.18  | 1.64             | 7,337                |
|                  |           | Oct-09        | 2,939                 | 95               | 76.93          | 3.98              | 4.49               | 12.32     | 0.17 | 0.17  | 1.94             | 5,015                |
|                  |           | Nov-09        | 378                   | 95               | 84.92          | 2.91              | 2.65               | 7.94      | 0.00 | 0.00  | 1.59             | 653                  |
|                  |           | Total         | 21,318                | 123              | 77.77          | 6.65              | 3.62               | 9.18      | 0.80 | 0.20  | 1.79             | 40,876               |
| 16-May-08        | 3-Nov-08  | May-08        | 1,584                 | 99               | 83.84          | 3.60              | 1.89               | 7.13      | 0.06 | 0.38  | 3.09             | 2,890                |
|                  |           | Jun-08        | 3,186                 | 106              | 78.12          | 4.43              | 2.86               | 11.74     | 0.25 | 0.35  | 2.26             | 6,015                |
|                  |           | Jul-08        | 3,642                 | 117              | 72.98          | 7.11              | 4.39               | 12.66     | 0.08 | 0.16  | 2.61             | 6,815                |
|                  |           | Aug-08        | 3,669                 | 118              | 72.72          | 9.24              | 2.62               | 12.95     | 0.41 | 0.14  | 1.94             | 6,652                |
|                  |           | Sep-08        | 3,456                 | 115              | 74.68          | 6.94              | 3.85               | 13.22     | 0.17 | 0.17  | 0.95             | 6,486                |
|                  |           | Oct-08        | 3,129                 | 101              | 76.22          | 4.38              | 4.86               | 12.24     | 0.29 | 0.06  | 1.95             | 5,589                |
|                  |           | Nov-08        | 78                    | 26               | 80.77          | 3.85              | 0.00               | 0.00      | 0.00 | 0.00  | 15.38            | 154                  |
|                  |           | Total         | 18,744                | 110              | 75.61          | 6.27              | 3.53               | 12.07     | 0.22 | 0.19  | 2.10             | 34,601               |
| 9-May-07         | 7-Nov-07  | Total         | 19,615                | 108              | 77.84          | 6.83              | 3.48               | 8.84      | 0.25 | 0.27  | 2.50             | 36,622               |
| 17-May-06        | 2-Nov-06  | Total         | 17,841                | 106              | 77.10          | 6.48              | 3.81               | 8.78      | 1.09 | 0.31  | 2.42             | 36,823               |
| 11-May-05        | 5-Nov-05  | Total         | 18,431                | 104              | 73.46          | 6.15              | 4.42               | 12.98     | 0.12 | 0.32  | 2.54             | 37,563               |
| 17-May-04        | 26-Oct-04 | Total         | 17,664                | 109              | 76.14          | 5.96              | 3.88               | 10.15     | 0.32 | 0.22  | 3.34             | 36,336               |
| 13-May-03        | 4-Nov-03  | Total         | 17,193                | 98               | 77.18          | 6.67              | 4.25               | 8.95      | 0.22 | 0.28  | 2.45             | 35,679               |
| 22-May-02        | 6-Nov-02  | Total         | 18,976                | 113              | 72.23          | 6.09              | 4.83               | 13.67     | 0.08 | 0.40  | 2.70             | 37,830               |
| 15-May-01        | 3-Nov-01  | Total         | 17,146                | 100              | 75.66          | 5.69              | 5.33               | 9.44      | 0.30 | 0.48  | 3.11             | 34,612               |
| 9-May-00         | 3-Nov-00  | Total         | 16,048                | 90               | 77.20          | 6.77              | 4.38               | 7.75      | 0.24 | 0.57  | 3.09             | 33,040               |
| 10-May-99        | 3-Nov-99  | Total         | 17,376                | 98               | 77.47          | 5.84              | 4.33               | 8.68      | 0.21 | 0.93  | 2.54             | 34,907               |
| 6-May-98         | 10-Nov-98 | Total         | 17,022                | 91               | 79.39          | 5.78              | 4.24               | 7.44      | 0.04 | 0.84  | 2.27             | 34,808               |
| 15-May-97        | 12-Nov-97 | Total         | 15,366                | 85               | 74.93          | 5.92              | 5.12               | 10.46     | 0.12 | 0.95  | 2.51             | 31,551               |
| 8-May-96         | 26-Oct-96 | Total         | 16,932                | 99               | 68.95          | 5.78              | 5.58               | 15.96     | 0.19 | 0.69  | 2.84             | 35,472               |

**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 | Truck Semi Trailer | Over size | Bus  | Other | Total Commercial | Number of Passengers |
|------------------|-----------|--------|---------------|-----------------------|----------------|----------------|-------------------|--------------------|-----------|------|-------|------------------|----------------------|
| 26-May-10        | 28-Oct-10 | May-10 | 502           | 84                    | 83.47          | 2.39           | 2.99              | 5.58               | 0.00      | 0.00 | 5.58  | 14.14            | 1,005                |
|                  |           | Jun-10 | 4,776         | 159                   | 74.10          | 8.69           | 4.56              | 7.62               | 0.44      | 0.17 | 4.42  | 17.21            | 8,480                |
|                  |           | Jul-10 | 5,116         | 165                   | 70.56          | 8.46           | 5.02              | 9.56               | 0.33      | 0.35 | 5.71  | 20.97            | 9,442                |
|                  |           | Aug-10 | 5,342         | 172                   | 79.65          | 5.54           | 4.19              | 6.94               | 0.06      | 0.15 | 3.46  | 14.81            | 10,320               |
|                  |           | Sep-10 | 5,318         | 177                   | 47.20          | 2.58           | 1.64              | 47.63              | 0.06      | 0.04 | 0.86  | 50.23            | 8,230                |
|                  |           | Oct-10 | 3,212         | 115                   | 76.46          | 1.46           | 8.06              | 12.14              | 0.09      | 0.00 | 1.77  | 22.07            | 5,498                |
|                  |           | Total  | 24,266        | 157                   | 69.19          | 5.52           | 4.37              | 17.21              | 0.19      | 0.15 | 3.38  | 25.29            | 42,975               |
| 3-Jun-09         | 25-Oct-09 | Jun-09 | 3,999         | 133                   | 70.84          | 9.35           | 5.73              | 9.13               | 0.08      | 0.00 | 4.88  | 19.80            | 7,499                |
|                  |           | Jul-09 | 5,096         | 164                   | 71.88          | 9.81           | 5.69              | 7.85               | 0.24      | 0.16 | 4.38  | 18.31            | 9,718                |
|                  |           | Aug-09 | 5,564         | 179                   | 76.64          | 5.61           | 3.56              | 11.68              | 0.38      | 0.02 | 2.12  | 17.76            | 10,432               |
|                  |           | Sep-09 | 3,776         | 126                   | 80.35          | 4.87           | 3.97              | 9.43               | 0.74      | 0.03 | 0.61  | 14.78            | 7,275                |
|                  |           | Oct-09 | 2,566         | 83                    | 75.95          | 1.36           | 4.21              | 17.50              | 0.31      | 0.12 | 0.55  | 22.68            | 5,507                |
|                  |           | Total  | 21,001        | 146                   | 74.96          | 6.69           | 4.64              | 10.57              | 0.34      | 0.06 | 2.73  | 18.35            | 40,431               |
| 30-May-08        | 23-Oct-08 | May-08 | 147           | 74                    | 91.84          | 1.36           | 2.72              | 2.04               | 0.00      | 0.00 | 2.04  | 6.80             | 343                  |
|                  |           | Jun-08 | 5,116         | 171                   | 76.76          | 6.04           | 6.82              | 6.88               | 0.10      | 0.00 | 3.40  | 17.20            | 9,344                |
|                  |           | Jul-08 | 5,841         | 188                   | 80.64          | 6.61           | 2.77              | 6.87               | 0.14      | 0.27 | 2.71  | 12.75            | 10,753               |
|                  |           | Aug-08 | 5,210         | 168                   | 84.11          | 5.74           | 2.17              | 6.89               | 0.02      | 0.08 | 1.00  | 10.15            | 10,132               |
|                  |           | Sep-08 | 4,046         | 135                   | 74.96          | 2.50           | 7.19              | 13.87              | 0.40      | 0.00 | 1.09  | 22.54            | 7,060                |
|                  |           | Oct-08 | 2,119         | 92                    | 79.38          | 0.85           | 5.95              | 11.85              | 0.47      | 0.00 | 1.51  | 19.77            | 3,666                |
|                  |           | Total  | 22,479        | 154                   | 79.49          | 4.96           | 4.65              | 8.57               | 0.18      | 0.09 | 2.06  | 15.55            | 41,298               |
| 2-Jun-07         | 22-Oct-07 | Total  | 21,632        | 152                   | 77.82          | 7.09           | 4.28              | 8.42               | 0.25      | 0.10 | 2.04  | 15.09            | 46,879               |
| 31-May-06        | 29-Oct-06 | Total  | 18,883        | 125                   | 79.44          | 6.39           | 3.25              | 8.52               | 0.21      | 0.13 | 2.06  | 14.17            | 37,741               |
| 27-May-05        | 29-Oct-05 | Total  | 23,256        | 150                   | 79.02          | 6.85           | 4.26              | 7.64               | 0.18      | 0.09 | 1.97  | 14.13            | 46,230               |
| 4-Jun-04         | 21-Oct-04 | Total  | 23,574        | 170                   | 80.24          | 8.17           | 2.58              | 7.61               | 0.22      | 0.08 | 1.09  | 11.58            | 40,642               |
| 5-Jun-03         | 1-Nov-03  | Total  | 22,311        | 150                   | 85.05          | 4.63           | 2.25              | 7.17               | 0.12      | 0.16 | 0.62  | 10.32            | 48,269               |
| 5-Jun-02         | 19-Oct-02 | Total  | 21,130        | 155                   | 77.24          | 8.27           | 3.86              | 8.11               | 0.59      | 0.13 | 1.80  | 14.49            | 46,844               |
| 5-Jun-01         | 26-Oct-01 | Total  | 19,827        | 139                   | 75.07          | 8.92           | 2.86              | 11.31              | 0.42      | 0.11 | 1.31  | 16.01            | 42,172               |
| 5-Jun-00         | 23-Oct-00 | Total  | 18,795        | 134                   | 78.72          | 9.82           | 2.52              | 6.88               | 0.11      | 0.14 | 1.81  | 11.47            | 39,917               |
| 2-Jun-99         | 15-Oct-99 | Total  | 19,028        | 141                   | 76.55          | 10.98          | 3.33              | 7.17               | 0.06      | 0.22 | 1.70  | 12.47            | 41,066               |
| 26-May-98        | 24-Oct-98 | Total  | 19,149        | 127                   | 74.14          | 11.93          | 3.77              | 4.80               | 0.05      | 0.26 | 5.06  | 13.93            | 43,258               |
| 4-Jun-97         | 18-Oct-97 | Total  | 16,894        | 124                   | 77.19          | 12.27          | 2.48              | 4.89               | 0.11      | 0.67 | 2.39  | 10.54            | 38,471               |
| 4-Jun-96         | 16-Oct-96 | Total  | 23,570        | 176                   | 79.32          | 9.47           | 2.92              | 5.89               | 0.48      | 0.48 | 1.44  | 11.21            | 45,636               |

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

| Operating Season | Month     | Total Traffic | Average       |                | Percent of Total |                   |                    |           |      |       |                  |                      |
|------------------|-----------|---------------|---------------|----------------|------------------|-------------------|--------------------|-----------|------|-------|------------------|----------------------|
|                  |           |               | Daily Traffic | Light Vehicles | Trailers Towed   | Truck Single Unit | Truck Semi Trailer | Over size | Bus  | Other | Total Commercial | Number of Passengers |
| 1-Jun-10         | 31-Oct-10 | Jun-10        | 2,928         | 98             | 62.40            | 11.03             | 3.76               | 15.03     | 0.10 | 0.51  | 7.17             | 5,489                |
|                  |           | Jul-10        | 5,219         | 168            | 72.85            | 6.69              | 3.08               | 11.50     | 0.06 | 0.27  | 5.56             | 11,640               |
|                  |           | Aug-10        | 6,433         | 208            | 63.66            | 4.69              | 1.76               | 27.55     | 0.09 | 0.02  | 2.24             | 12,329               |
|                  |           | Sep-10        | 6,555         | 219            | 65.03            | 4.79              | 2.43               | 25.37     | 0.26 | 0.09  | 2.03             | 12,088               |
|                  |           | Oct-10        | 1,777         | 57             | 68.82            | 2.81              | 1.74               | 21.22     | 1.07 | 0.00  | 4.33             | 3,078                |
|                  |           | Total         | 22,912        | 151            | 66.38            | 5.84              | 2.51               | 21.18     | 0.21 | 0.16  | 3.73             | 44,624               |
| 1-Jun-09         | 5-Nov-09  | Jun-09        | 3,116         | 104            | 68.74            | 8.99              | 2.28               | 11.87     | 0.19 | 0.00  | 7.93             | 5,838                |
|                  |           | Jul-09        | 5,325         | 172            | 79.23            | 6.93              | 2.07               | 6.74      | 0.06 | 0.15  | 4.83             | 12,469               |
|                  |           | Aug-09        | 5,258         | 170            | 81.93            | 5.33              | 1.75               | 6.88      | 0.15 | 0.42  | 3.54             | 12,429               |
|                  |           | Sep-09        | 2,873         | 96             | 73.44            | 4.25              | 1.64               | 16.88     | 0.14 | 0.07  | 3.59             | 5,649                |
|                  |           | Oct-09        | 2,156         | 60             | 46.75            | 0.23              | 11.50              | 40.58     | 0.74 | 0.19  | 0.00             | 3,503                |
|                  |           | Nov-09        | 111           | 4              | 86.49            | 1.80              | 1.80               | 2.70      | 0.00 | 0.00  | 7.21             | 239                  |
| 25-May-08        | 27-Oct-08 | Total         | 18,839        | 120            | 73.69            | 5.62              | 3.03               | 13.03     | 0.20 | 0.19  | 4.25             | 40,127               |
|                  |           | May-08        | 564           | 81             | 35.99            | 1.60              | 1.06               | 1.77      | 0.00 | 0.00  | 59.57            | 244                  |
|                  |           | Jun-08        | 2,533         | 84             | 66.92            | 10.54             | 3.12               | 11.61     | 0.87 | 0.63  | 6.32             | 4,895                |
|                  |           | Jul-08        | 3,934         | 127            | 66.40            | 6.53              | 1.78               | 20.79     | 0.15 | 0.18  | 4.17             | 8,090                |
|                  |           | Aug-08        | 4,249         | 137            | 82.96            | 5.65              | 1.67               | 7.39      | 0.09 | 0.24  | 2.00             | 9,723                |
|                  |           | Sep-08        | 2,674         | 89             | 73.34            | 3.40              | 1.65               | 19.15     | 0.56 | 0.11  | 1.80             | 4,426                |
| 2-Jun-07         | 19-Oct-07 | Oct-08        | 1,051         | 39             | 68.03            | 0.57              | 1.90               | 25.69     | 0.57 | 0.10  | 3.14             | 1,836                |
|                  |           | Jan-00        |               |                |                  |                   |                    |           |      |       |                  | 0                    |
|                  |           | Total         | 15,005        | 97             | 71.38            | 5.80              | 1.93               | 14.78     | 0.35 | 0.25  | 5.50             | 29,214               |
|                  |           | Total         | 15,446        | 111            | 73.83            | 8.69              | 1.78               | 11.96     | 0.06 | 0.19  | 3.48             | 32,294               |
|                  |           | Total         | 14,007        | 96             | 74.07            | 7.22              | 2.03               | 12.37     | 0.11 | 0.23  | 3.96             | 29,032               |
|                  |           | Total         | 15,446        | 102            | 78.36            | 5.79              | 2.04               | 10.33     | 0.41 | 0.14  | 2.94             | 32,264               |
| 2-Jun-06         | 26-Oct-06 | Total         | 19,537        | 132            | 68.67            | 5.94              | 1.38               | 8.84      | 0.26 | 0.10  | 14.81            | 31,360               |
|                  |           | Total         | 15,715        | 107            | 76.46            | 8.63              | 1.24               | 10.38     | 0.53 | 0.39  | 2.37             | 32,233               |
|                  |           | Total         | 17,810        | 123            | 78.72            | 5.72              | 1.73               | 9.34      | 1.07 | 0.52  | 2.91             | 37,322               |
|                  |           | Total         | 16,114        | 114            | 71.85            | 8.56              | 3.09               | 14.42     | 0.25 | 0.41  | 1.41             | 31,498               |
|                  |           | Total         | 11,959        | 84             | 76.25            | 9.67              | 1.71               | 9.01      | 0.29 | 0.48  | 2.59             | 27,823               |
|                  |           | Total         | 12,713        | 93             | 76.84            | 13.39             | 0.82               | 5.62      | 0.49 | 0.46  | 2.38             | 28,066               |
| 31-May-99        | 15-Oct-99 | Total         | 13,097        | 88             | 73.83            | 13.19             | 1.39               | 6.86      | 0.30 | 0.42  | 4.00             | 32,775               |
|                  |           | Total         | 11,836        | 82             | 77.19            | 9.61              | 1.61               | 7.39      | 0.05 | 0.52  | 3.62             | 27,691               |
|                  |           | Total         | 11,237        | 81             | 73.46            | 13.25             | 1.79               | 8.25      | 0.05 | 0.47  | 2.72             | 25,891               |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
| 25-May-98        | 21-Oct-98 | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
| 30-May-97        | 21-Oct-97 | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
| 3-Jun-96         | 19-Oct-96 | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |
|                  |           | Total         |               |                |                  |                   |                    |           |      |       |                  |                      |

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

| Operating Season |           | Month  | Total Traffic | Average Daily Traffic | Percent of Total |                |                   |                    |           |       |       |       | Total Commercial | Number of Passengers |
|------------------|-----------|--------|---------------|-----------------------|------------------|----------------|-------------------|--------------------|-----------|-------|-------|-------|------------------|----------------------|
|                  |           |        |               |                       | Light Vehicles   | Trailers Towed | Truck Single Unit | Truck Semi Trailer | Over size | Bus   | Other |       |                  |                      |
| 14-May-10        | 31-Oct-10 | May-10 | 262           | 15                    | 17.18            | 4.20           | 66.79             | 2.29               | 4.20      | 0.00  | 5.34  | 78.63 | 545              |                      |
|                  |           | Jun-10 | 473           | 16                    | 17.55            | 4.23           | 65.96             | 4.23               | 5.50      | 0.00  | 2.54  | 78.22 | 1,048            |                      |
|                  |           | Jul-10 | 654           | 21                    | 20.34            | 7.65           | 60.40             | 5.81               | 3.36      | 0.00  | 2.45  | 72.02 | 1,412            |                      |
|                  |           | Aug-10 | 750           | 24                    | 49.20            | 8.93           | 34.00             | 2.00               | 2.67      | 0.40  | 2.80  | 41.87 | 1,744            |                      |
|                  |           | Sep-10 | 726           | 24                    | 17.22            | 8.26           | 66.53             | 2.75               | 3.31      | 0.00  | 1.93  | 74.52 | 1,527            |                      |
|                  |           | Oct-10 | 532           | 17                    | 19.36            | 2.07           | 65.41             | 5.83               | 3.01      | 0.00  | 4.32  | 78.57 | 1,024            |                      |
|                  |           | Total  | 3,397         | 20                    | 25.26            | 6.45           | 57.93             | 3.83               | 3.50      | 0.09  | 2.94  | 68.30 | 7,300            |                      |
| 22-May-09        | 2-Nov-09  | May-09 | 148           | 15                    | 9.46             | 2.70           | 75.68             | 1.35               | 1.35      | 0.00  | 9.46  | 87.84 | 287              |                      |
|                  |           | Jun-09 | 531           | 18                    | 22.79            | 3.20           | 65.35             | 0.38               | 2.82      | 0.00  | 5.46  | 74.01 | 1,084            |                      |
|                  |           | Jul-09 | 664           | 21                    | 25.75            | 2.86           | 60.09             | 2.11               | 3.61      | 0.00  | 5.57  | 71.39 | 1,462            |                      |
|                  |           | Aug-09 | 627           | 20                    | 20.89            | 7.34           | 59.81             | 3.35               | 6.06      | 0.00  | 2.55  | 71.77 | 1,436            |                      |
|                  |           | Sep-09 | 641           | 21                    | 33.23            | 11.23          | 46.65             | 3.59               | 2.03      | 0.16  | 3.12  | 55.54 | 1,255            |                      |
|                  |           | Oct-09 | 532           | 16                    | 19.36            | 2.07           | 65.41             | 5.83               | 3.01      | 0.00  | 4.32  | 78.57 | 1,024            |                      |
|                  |           | Nov-09 | 34            | 1                     | 20.59            | 2.94           | 64.71             | 5.88               | 2.94      | 0.00  | 2.94  | 76.47 | 66               |                      |
| Total            | 3,177     | 19     | 23.92         | 5.35                  | 59.87            | 2.99           | 3.43              | 0.03               | 4.41      | 70.73 | 6,614 |       |                  |                      |
| 3-Jun-08         | 31-Oct-08 | Jun-08 | 515           | 18                    | 59.03            | 2.91           | 27.77             | 1.55               | 2.14      | 0.00  | 6.60  | 38.06 | 984              |                      |
|                  |           | Jul-08 | 658           | 22                    | 21.88            | 7.14           | 58.66             | 3.34               | 2.89      | 0.00  | 6.08  | 70.97 | 1,430            |                      |
|                  |           | Aug-08 | 690           | 22                    | 86.72            | 4.67           | 4.64              | 1.48               | 0.00      | 0.17  | 2.32  | 8.61  | 1,583            |                      |
|                  |           | Sep-08 | 734           | 24                    | 29.56            | 5.86           | 48.77             | 9.81               | 3.27      | 0.00  | 2.72  | 64.58 | 1,346            |                      |
|                  |           | Oct-08 | 532           | 18                    | 19.36            | 2.07           | 65.41             | 5.83               | 3.01      | 0.00  | 4.32  | 78.57 | 1,024            |                      |
|                  |           | Total  | 3,129         | 21                    | 43.67            | 4.74           | 40.49             | 4.58               | 2.24      | 0.04  | 4.25  | 51.60 | 6,367            |                      |
| 20-May-07        | 6-Nov-07  | Total  | 3,594         | 21                    | 83.17            | 4.76           | 4.48              | 3.39               | 0.25      | 0.17  | 3.78  | 12.08 | 7,711            |                      |
| 27-May-06        | 2-Nov-06  | Total  | 3,155         | 20                    | 79.90            | 4.37           | 8.27              | 3.36               | 0.67      | 0.25  | 3.17  | 15.72 | 6,512            |                      |
| 20-May-05        | 4-Nov-05  | Total  | 3,327         | 20                    | 81.97            | 4.51           | 7.03              | 3.37               | 0.00      | 0.39  | 2.74  | 13.53 | 6,858            |                      |
| 28-May-04        | 22-Oct-04 | Total  | 3,242         | 22                    | 83.44            | 4.04           | 6.01              | 4.60               | 0.00      | 0.12  | 1.79  | 12.52 | 6,670            |                      |
| 30-May-03        | 31-Oct-03 | Total  | 3,163         | 21                    | 82.04            | 4.20           | 7.90              | 3.00               | 0.00      | 0.00  | 2.85  | 13.75 | 6,716            |                      |
| 31-May-02        | 1-Nov-02  | Total  | 3,106         | 20                    | 79.65            | 5.54           | 6.89              | 3.86               | 0.35      | 0.13  | 3.57  | 14.81 | 6,402            |                      |
| 22-May-01        | 29-Oct-01 | Total  | 3,404         | 21                    | 78.50            | 6.35           | 6.61              | 3.14               | 1.00      | 0.24  | 4.17  | 15.16 | 6,742            |                      |
| 20-May-00        | 30-Oct-00 | Total  | 3,786         | 23                    | 72.87            | 3.30           | 3.86              | 3.28               | 0.34      | 0.16  | 16.19 | 23.82 | 7,593            |                      |
| 21-May-99        | 15-Oct-99 | Total  | 2,779         | 19                    | 82.58            | 4.82           | 4.75              | 2.81               | 0.04      | 0.14  | 4.86  | 12.59 | 7,270            |                      |
| 15-May-98        | 3-Nov-98  | Total  | 3,384         | 20                    | 83.89            | 3.22           | 4.64              | 4.40               | 0.33      | 0.12  | 3.40  | 12.88 | 8,959            |                      |
| 18-May-97        | 27-Oct-97 | Total  | 3,396         | 21                    | 82.60            | 1.77           | 8.80              | 2.00               | 0.15      | 0.24  | 4.45  | 15.64 | 8,448            |                      |

Table 15 Vehicle Classification at the Enterprise Weigh Scale

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

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

| Unit Type     | 2008        |             |             |            |             |             |             |             |             |             |             |             | 12 Month Total | % of Total    |
|---------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|---------------|
|               | Jan         | Feb         | Mar         | Apr        | May         | Jun         | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         |                |               |
| Single Axle   | 42          | 38          | 31          | 26         | 46          | 72          | 44          | 34          | 34          | 29          | 32          | 18          | 446            | 2.37          |
| Tandem        | 75          | 80          | 80          | 55         | 81          | 61          | 72          | 74          | 83          | 75          | 62          | 70          | 868            | 4.61          |
| 4-Axle        | 7           | 16          | 31          | 6          | 9           | 7           | 11          | 4           | 1           | 1           | 1           | 0           | 84             | 0.50          |
| 5 Axle        | 326         | 439         | 561         | 218        | 252         | 298         | 305         | 194         | 352         | 384         | 199         | 176         | 3,704          | 19.88         |
| 6 Axle        | 446         | 854         | 950         | 269        | 255         | 341         | 316         | 288         | 375         | 347         | 232         | 207         | 4,880          | 25.93         |
| A Train       | 189         | 171         | 142         | 114        | 196         | 160         | 151         | 148         | 147         | 154         | 118         | 105         | 1,795          | 9.54          |
| B Train       | 51          | 59          | 13          | 1          | 3           | 2           | 8           | 5           | 0           | 1           | 0           | 15          | 158            | 0.84          |
| C Train       | 0           | 0           | 0           | 0          | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1              | 0.01          |
| Super B       | 1,033       | 1,068       | 739         | 250        | 259         | 604         | 562         | 334         | 399         | 426         | 657         | 506         | 6,837          | 36.33         |
| Logging Truck | 18          | 14          | 4           | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 37             | 0.20          |
| <b>Total</b>  | <b>2187</b> | <b>2739</b> | <b>2551</b> | <b>939</b> | <b>1102</b> | <b>1545</b> | <b>1469</b> | <b>1081</b> | <b>1391</b> | <b>1417</b> | <b>1301</b> | <b>1098</b> | <b>18,820</b>  | <b>100.00</b> |

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

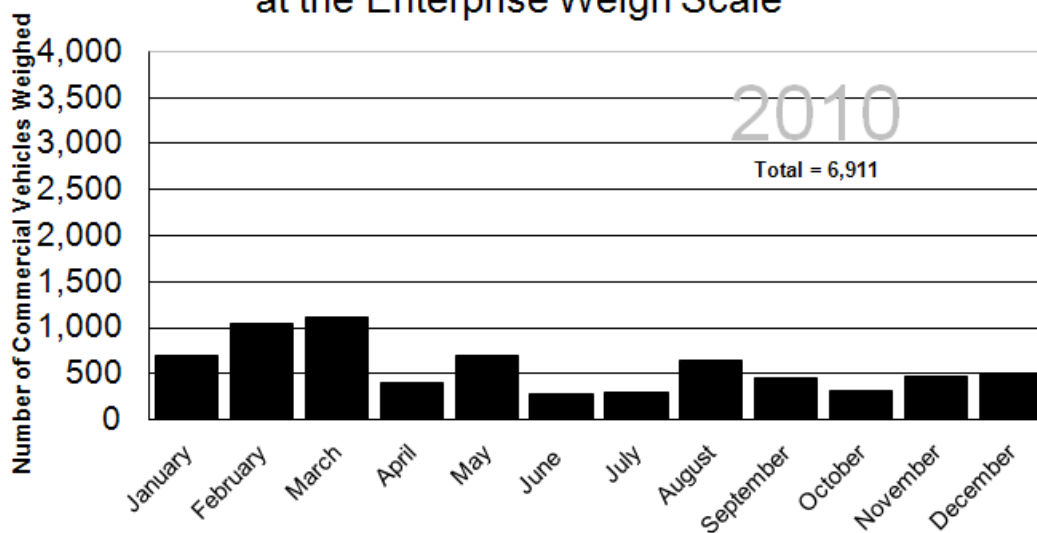
  

| Unit Type     | 2006        |             |             |            |            |             |            |            |             |             |             |             | 12 Month Total | % of Total    |
|---------------|-------------|-------------|-------------|------------|------------|-------------|------------|------------|-------------|----------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

| Unit Type     | 2005        |             |             |            |            |            |             |             |             |             |             |             | 12 Month Total | % of Total    |
|---------------|-------------|-------------|-------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|---------------|
|               | Jan         | Feb         | Mar         | Apr        | May        | Jun        | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         |                |               |
| Single Axle   | 40          | 49          | 33          | 19         | 17         | 23         | 54          | 23          | 7           | 12          | 26          | 6           | 309            | 1.63          |
| Tandem        | 40          | 75          | 43          | 28         | 43         | 35         | 50          | 44          | 64          | 55          | 63          | 50          | 590            | 3.12          |
| 4-Axle        | 0           | 0           | 0           | 0          | 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0              | 0.00          |
| 5 Axle        | 286         | 668         | 848         | 302        | 194        | 232        | 438         | 339         | 293         | 250         | 300         | 281         | 4,431          | 23.42         |
| 6 Axle        | 375         | 716         | 1,026       | 261        | 138        | 257        | 364         | 240         | 301         | 312         | 266         | 170         | 4,426          | 23.40         |
| A Train       | 97          | 118         | 134         | 125        | 112        | 171        | 179         | 136         | 169         | 136         | 152         | 131         | 1,660          | 8.78          |
| B Train       | 30          | 131         | 110         | 8          | 5          | 9          | 48          | 20          | 5           | 4           | 2           | 25          | 397            | 2.10          |
| C Train       | 2           | 33          | 33          | 0          | 0          | 1          | 1           | 2           | 1           | 0           | 0           | 0           | 73             | 0.39          |
| Super B       | 924         | 1,573       | 1,959       | 164        | 158        | 259        | 253         | 196         | 240         | 255         | 554         | 448         | 6,983          | 36.92         |
| Logging Truck | 22          | 15          | 1           | 0          | 0          | 0          | 0           | 0           | 0           | 0           | 0           | 9           | 47             | 0.25          |
| <b>Total</b>  | <b>1816</b> | <b>3378</b> | <b>4187</b> | <b>907</b> | <b>667</b> | <b>987</b> | <b>1387</b> | <b>1000</b> | <b>1080</b> | <b>1024</b> | <b>1363</b> | <b>1120</b> | <b>18,916</b>  | <b>100.00</b> |

Figure 10  
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  |
|------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|--------|
| 2010 | 694     | 1,036    | 1,118 | 406   | 699   | 278   | 296   | 641    | 460       | 307     | 465      | 511      | 6,911  |
| 2009 | 1,053   | 1,187    | 1,757 | 973   | 659   | 851   | 939   | 401    | 876       | 658     | 797      | 710      | 10,861 |
| 2008 | 2,187   | 2,739    | 2,551 | 939   | 1,102 | 1,545 | 1,469 | 1,081  | 1,391     | 1,417   | 1,301    | 1,098    | 18,820 |
| 2007 | 2,405   | 3,916    | 3,992 | 866   | 888   | 1,129 | 1,006 | 1,069  | 1,752     | 1,578   | 1,548    | 1,311    | 21,460 |
| 2006 | 1,874   | 3,190    | 3,942 | 805   | 696   | 1,049 | 701   | 892    | 1,286     | 1,209   | 1,143    | 1,020    | 17,807 |
| 2005 | 1,816   | 3,378    | 4,187 | 907   | 667   | 987   | 1,387 | 1,000  | 1,080     | 1,024   | 1,363    | 1,120    | 18,916 |
| 2004 | 1,551   | 2,866    | 3,858 | 596   | 582   | 1,225 | 844   | 1,046  | 1,358     | 1,102   | 870      | 838      | 16,736 |
| 2003 | 1,229   | 2,788    | 3,883 | 675   | 739   | 693   | 1,169 | 729    | 953       | 1,143   | 976      | 925      | 15,902 |
| 2002 | 1,443   | 2,906    | 3,349 | 888   | 333   | 1,111 | 977   | 845    | 1,042     | 1,123   | 1,127    | 801      | 15,945 |
| 2001 | 1,881   | 2,230    | 3,410 | 1,257 | 566   | 874   | 730   | 767    | 842       | 839     | 938      | 240      | 14,574 |
| 2000 | 1,051   | 1,862    | 2,266 | 522   | 501   | 830   | 720   | 703    | 681       | 798     | 795      | 762      | 11,491 |
| 1999 | 991     | 1,493    | 1,697 | 436   | 523   | 909   | 834   | 633    | 758       | 953     | 515      | 753      | 10,495 |
| 1998 | 1,107   | 2,258    | 2,711 | 684   | 1,059 | 1,139 | 1,765 | 1,951  | 1,279     | 929     | 679      | 662      | 16,223 |

Note:

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

(2) In December 2001, it is estimated that only one-third of the data was collected due to weigh scale closures.

**Figure 11**  
**Overweight Permits Issued**

| 2010                      |           |            |            |           |           |            |            |            |            |            |            |            |              |
|---------------------------|-----------|------------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Location                  | January   | February   | March      | April     | May       | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 0         | 0          | 8          | 1         | 0         | 3          | 0          | 6          | 0          | 0          | 0          | 0          | 18           |
| Inuvik Weigh Scale        | 0         | 0          | 0          | 4         | 6         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 10           |
| 24/7 Permitting Centre    | 41        | 67         | 140        | 16        | 2         | 112        | 172        | 149        | 137        | 116        | 115        | 66         | 1,133        |
| Inuvik Regional Office    | 0         | 0          | 0          | 4         | 4         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 8            |
| Mobile Inspection Office  | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>41</b> | <b>67</b>  | <b>148</b> | <b>25</b> | <b>12</b> | <b>115</b> | <b>172</b> | <b>155</b> | <b>137</b> | <b>116</b> | <b>115</b> | <b>66</b>  | <b>1,169</b> |
| 2009                      |           |            |            |           |           |            |            |            |            |            |            |            |              |
| Location                  | January   | February   | March      | April     | May       | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 27        | 37         | 149        | 38        | 8         | 0          | 9          | 11         | 2          | 6          | 0          | 0          | 287          |
| Inuvik Weigh Scale        | 6         | 7          | 17         | 9         | 1         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 40           |
| 24/7 Permitting Centre    | 0         | 11         | 0          | 36        | 47        | 33         | 87         | 54         | 97         | 58         | 183        | 164        | 770          |
| Inuvik Regional Office    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 8         | 7          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 15           |
| Hay River Regional Office | 6         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 6            |
| Fort Liard Weigh Scale    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>47</b> | <b>62</b>  | <b>166</b> | <b>83</b> | <b>56</b> | <b>33</b>  | <b>96</b>  | <b>65</b>  | <b>99</b>  | <b>64</b>  | <b>183</b> | <b>164</b> | <b>1,118</b> |
| 2008                      |           |            |            |           |           |            |            |            |            |            |            |            |              |
| Location                  | January   | February   | March      | April     | May       | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 61        | 141        | 201        | 54        | 16        | 46         | 121        | 85         | 89         | 99         | 75         | 40         | 1,028        |
| Inuvik Weigh Scale        | 4         | 10         | 12         | 11        | 10        | 6          | 4          | 6          | 31         | 0          | 0          | 0          | 94           |
| 24/7 Permitting Centre    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 4          | 0          | 0          | 4            |
| Mobile Inspection Office  | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>65</b> | <b>151</b> | <b>213</b> | <b>65</b> | <b>26</b> | <b>52</b>  | <b>125</b> | <b>91</b>  | <b>120</b> | <b>103</b> | <b>75</b>  | <b>40</b>  | <b>1,126</b> |
| 2007                      |           |            |            |           |           |            |            |            |            |            |            |            |              |
| Location                  | January   | February   | March      | April     | May       | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 29        | 67         | 104        | 42        | 4         | 16         | 45         | 31         | 32         | 38         | 41         | 13         | 462          |
| Inuvik Weigh Scale        | 19        | 16         | 8          | 5         | 0         | 0          | 5          | 8          | 4          | 8          | 2          | 3          | 78           |
| 24/7 Permitting Centre    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0         | 0          | 3          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3            |
| <b>Total</b>              | <b>48</b> | <b>83</b>  | <b>115</b> | <b>47</b> | <b>4</b>  | <b>16</b>  | <b>50</b>  | <b>39</b>  | <b>36</b>  | <b>46</b>  | <b>43</b>  | <b>16</b>  | <b>543</b>   |
| 2006                      |           |            |            |           |           |            |            |            |            |            |            |            |              |
| Location                  | January   | February   | March      | April     | May       | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 46        | 44         | 101        | 28        | 0         | 1          | 27         | 27         | 45         | 38         | 38         | 20         | 415          |
| Inuvik Weigh Scale        | 4         | 3          | 7          | 6         | 2         | 1          | 16         | 8          | 0          | 7          | 0          | 0          | 54           |
| 24/7 Permitting Centre    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0         | 5          | 0          | 0         | 0         | 0          | 13         | 2          | 0          | 6          | 0          | 0          | 26           |
| <b>Total</b>              | <b>50</b> | <b>52</b>  | <b>108</b> | <b>34</b> | <b>2</b>  | <b>2</b>   | <b>56</b>  | <b>37</b>  | <b>45</b>  | <b>51</b>  | <b>38</b>  | <b>20</b>  | <b>495</b>   |

**Figure 12**  
**Overdimension Permits Issued**

| 2010                      |            |            |            |            |            |            |            |            |            |            |            |            |              |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Location                  | January    | February   | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 1          | 2          | 13         | 3          | 2          | 7          | 0          | 6          | 0          | 0          | 0          | 0          | 34           |
| Inuvik Weigh Scale        | 0          | 0          | 0          | 4          | 12         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 16           |
| 24/7 Permitting Centre    | 132        | 293        | 433        | 137        | 125        | 329        | 310        | 283        | 297        | 255        | 226        | 188        | 3,008        |
| Inuvik Regional Office    | 0          | 1          | 0          | 4          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 7            |
| Mobile Inspection Office  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>133</b> | <b>296</b> | <b>446</b> | <b>148</b> | <b>141</b> | <b>336</b> | <b>310</b> | <b>289</b> | <b>297</b> | <b>255</b> | <b>226</b> | <b>188</b> | <b>3,065</b> |
| 2009                      |            |            |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February   | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 126        | 267        | 476        | 79         | 12         | 1          | 16         | 21         | 6          | 7          | 0          | 0          | 1,011        |
| Inuvik Weigh Scale        | 8          | 22         | 53         | 9          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 92           |
| 24/7 Permitting Centre    | 0          | 65         | 7          | 112        | 161        | 227        | 216        | 165        | 245        | 198        | 409        | 164        | 1,969        |
| Inuvik Regional Office    | 1          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3            |
| Mobile Inspection Office  | 33         | 32         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 65           |
| Hay River Regional Office | 19         | 5          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 24           |
| Fort Liard Weigh Scale    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>187</b> | <b>393</b> | <b>536</b> | <b>200</b> | <b>173</b> | <b>228</b> | <b>232</b> | <b>186</b> | <b>251</b> | <b>205</b> | <b>409</b> | <b>164</b> | <b>3,164</b> |
| 2008                      |            |            |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February   | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 195        | 501        | 722        | 276        | 181        | 223        | 320        | 190        | 173        | 226        | 164        | 122        | 3,293        |
| Inuvik Weigh Scale        | 8          | 35         | 47         | 21         | 16         | 9          | 10         | 7          | 39         | 4          | 0          | 0          | 196          |
| 24/7 Permitting Centre    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 4          | 0          | 0          | 4            |
| Mobile Inspection Office  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>203</b> | <b>536</b> | <b>769</b> | <b>297</b> | <b>197</b> | <b>232</b> | <b>330</b> | <b>197</b> | <b>212</b> | <b>234</b> | <b>164</b> | <b>122</b> | <b>3,493</b> |
| 2007                      |            |            |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February   | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 179        | 408        | 566        | 187        | 144        | 145        | 181        | 125        | 144        | 145        | 95         | 76         | 2,395        |
| Inuvik Weigh Scale        | 51         | 32         | 24         | 87         | 1          | 6          | 12         | 9          | 10         | 9          | 2          | 4          | 247          |
| 24/7 Permitting Centre    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0          | 4          | 2          | 0          | 2          | 2          | 0          | 0          | 0          | 0          | 0          | 10           |
| <b>Total</b>              | <b>230</b> | <b>440</b> | <b>594</b> | <b>276</b> | <b>145</b> | <b>153</b> | <b>195</b> | <b>134</b> | <b>154</b> | <b>154</b> | <b>97</b>  | <b>80</b>  | <b>2,652</b> |
| 2006                      |            |            |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February   | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 237        | 270        | 731        | 191        | 103        | 195        | 184        | 126        | 206        | 124        | 109        | 78         | 2,554        |
| Inuvik Weigh Scale        | 10         | 6          | 15         | 12         | 2          | 11         | 23         | 11         | 2          | 9          | 0          | 0          | 101          |
| 24/7 Permitting Centre    | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1            |
| 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    | 13         | 7          | 0          | 0          | 0          | 11         | 23         | 2          | 1          | 4          | 11         | 8          | 80           |
| <b>Total</b>              | <b>260</b> | <b>283</b> | <b>746</b> | <b>203</b> | <b>105</b> | <b>218</b> | <b>230</b> | <b>139</b> | <b>209</b> | <b>137</b> | <b>120</b> | <b>86</b>  | <b>2,736</b> |

**Figure 13**  
**Registration Permits Issued (non-NWT Carriers)**

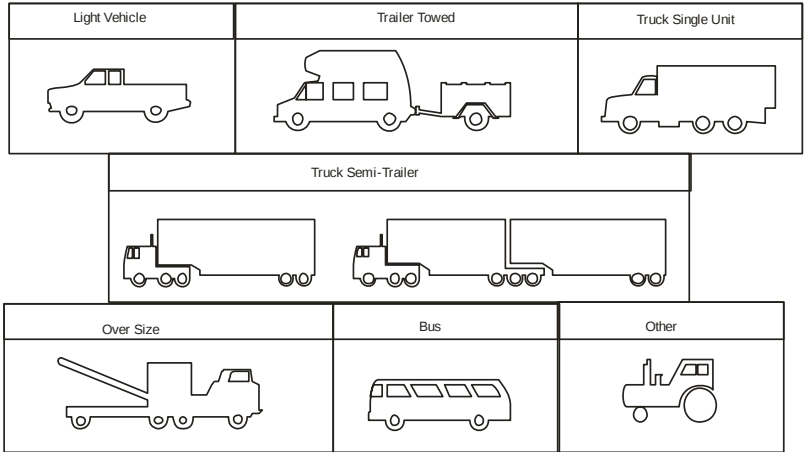
| 2010                      |            |              |            |            |            |            |            |            |            |            |            |            |              |
|---------------------------|------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Location                  | January    | February     | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 0          | 0            | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2            |
| Inuvik Weigh Scale        | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1            |
| 24/7 Permitting Centre    | 269        | 641          | 477        | 269        | 377        | 627        | 505        | 512        | 506        | 437        | 344        | 343        | 5,307        |
| Inuvik Regional Office    | 0          | 0            | 0          | 2          | 0          | 3          | 1          | 2          | 1          | 0          | 4          | 3          | 16           |
| Mobile Inspection Office  | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>269</b> | <b>641</b>   | <b>477</b> | <b>271</b> | <b>379</b> | <b>630</b> | <b>506</b> | <b>514</b> | <b>507</b> | <b>437</b> | <b>348</b> | <b>347</b> | <b>5,326</b> |
| 2009                      |            |              |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 303        | 351          | 488        | 53         | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1,196        |
| Inuvik Weigh Scale        | 17         | 33           | 40         | 5          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 95           |
| 24/7 Permitting Centre    | 27         | 215          | 6          | 192        | 270        | 431        | 357        | 415        | 520        | 361        | 291        | 297        | 3,382        |
| Inuvik Regional Office    | 0          | 0            | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 3            |
| Mobile Inspection Office  | 16         | 77           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 93           |
| Hay River Regional Office | 16         | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 16           |
| Fort Liard Weigh Scale    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>379</b> | <b>676</b>   | <b>535</b> | <b>250</b> | <b>270</b> | <b>432</b> | <b>357</b> | <b>416</b> | <b>520</b> | <b>361</b> | <b>291</b> | <b>298</b> | <b>4,785</b> |
| 2008                      |            |              |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 682        | 1,056        | 754        | 354        | 415        | 482        | 500        | 355        | 511        | 377        | 334        | 369        | 6,189        |
| Inuvik Weigh Scale        | 43         | 48           | 120        | 52         | 6          | 42         | 21         | 41         | 54         | 12         | 2          | 25         | 466          |
| 24/7 Permitting Centre    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0            | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1            |
| Mobile Inspection Office  | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>725</b> | <b>1,104</b> | <b>874</b> | <b>406</b> | <b>421</b> | <b>524</b> | <b>522</b> | <b>396</b> | <b>565</b> | <b>389</b> | <b>336</b> | <b>394</b> | <b>6,656</b> |
| 2007                      |            |              |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 776        | 871          | 735        | 321        | 327        | 435        | 506        | 406        | 417        | 349        | 308        | 333        | 5,784        |
| Inuvik Weigh Scale        | 60         | 52           | 46         | 55         | 3          | 45         | 32         | 55         | 52         | 37         | 0          | 28         | 465          |
| 24/7 Permitting Centre    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 1          | 3            | 4          | 2          | 0          | 7          | 15         | 1          | 0          | 0          | 0          | 0          | 33           |
| <b>Total</b>              | <b>837</b> | <b>926</b>   | <b>785</b> | <b>378</b> | <b>330</b> | <b>487</b> | <b>553</b> | <b>462</b> | <b>469</b> | <b>386</b> | <b>308</b> | <b>361</b> | <b>6,282</b> |
| 2006                      |            |              |            |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March      | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 473        | 1,007        | 761        | 295        | 293        | 320        | 372        | 350        | 437        | 258        | 266        | 345        | 5,177        |
| Inuvik Weigh Scale        | 14         | 17           | 31         | 29         | 4          | 29         | 21         | 24         | 16         | 20         | 0          | 15         | 220          |
| 24/7 Permitting Centre    | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 2          | 0            | 1          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 5            |
| Mobile Inspection Office  | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 22         | 13           | 1          | 0          | 3          | 11         | 34         | 15         | 10         | 13         | 12         | 6          | 140          |
| <b>Total</b>              | <b>511</b> | <b>1,037</b> | <b>794</b> | <b>324</b> | <b>302</b> | <b>360</b> | <b>427</b> | <b>389</b> | <b>463</b> | <b>291</b> | <b>278</b> | <b>366</b> | <b>5,542</b> |

**Figure 14**  
**Fuel Tax Permits Issued**

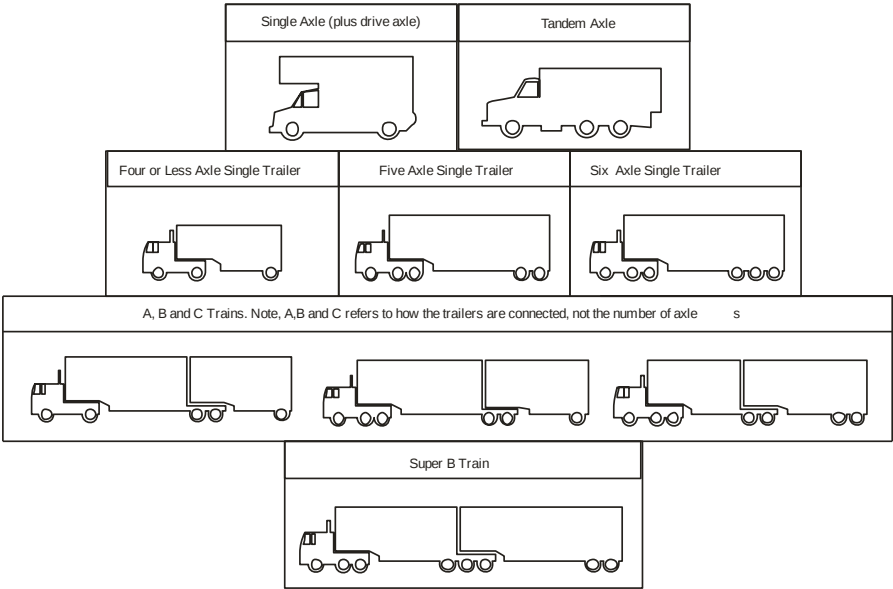
| 2010                      |            |              |              |            |            |            |            |            |            |            |            |            |              |
|---------------------------|------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Location                  | January    | February     | March        | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 0          | 0            | 0            | 0          | 3          | 0          | 0          | 0          | 0          | 4          | 0          | 0          | 7            |
| Inuvik Weigh Scale        | 0          | 1            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1            |
| 24/7 Permitting Centre    | 278        | 618          | 670          | 293        | 508        | 733        | 619        | 598        | 565        | 526        | 387        | 334        | 6,129        |
| Inuvik Regional Office    | 0          | 1            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1            |
| Mobile Inspection Office  | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>278</b> | <b>620</b>   | <b>670</b>   | <b>293</b> | <b>511</b> | <b>733</b> | <b>619</b> | <b>598</b> | <b>565</b> | <b>530</b> | <b>387</b> | <b>334</b> | <b>6,138</b> |
| 2009                      |            |              |              |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March        | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 167        | 210          | 443          | 32         | 0          | 3          | 2          | 1          | 0          | 0          | 0          | 0          | 858          |
| Inuvik Weigh Scale        | 13         | 69           | 74           | 29         | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 186          |
| 24/7 Permitting Centre    | 1          | 125          | 5            | 205        | 229        | 520        | 467        | 529        | 597        | 406        | 379        | 274        | 3,737        |
| Inuvik Regional Office    | 4          | 1            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 5            |
| Mobile Inspection Office  | 30         | 41           | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 71           |
| Hay River Regional Office | 14         | 5            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 19           |
| Fort Liard Weigh Scale    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>229</b> | <b>451</b>   | <b>522</b>   | <b>266</b> | <b>229</b> | <b>523</b> | <b>469</b> | <b>530</b> | <b>598</b> | <b>406</b> | <b>379</b> | <b>274</b> | <b>4,876</b> |
| 2008                      |            |              |              |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March        | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 700        | 1,104        | 1,010        | 384        | 430        | 588        | 501        | 327        | 392        | 280        | 187        | 152        | 6,055        |
| Inuvik Weigh Scale        | 45         | 49           | 151          | 62         | 5          | 36         | 15         | 47         | 48         | 6          | 1          | 13         | 478          |
| 24/7 Permitting Centre    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| <b>Total</b>              | <b>745</b> | <b>1,153</b> | <b>1,161</b> | <b>446</b> | <b>435</b> | <b>624</b> | <b>516</b> | <b>374</b> | <b>440</b> | <b>286</b> | <b>188</b> | <b>165</b> | <b>6,533</b> |
| 2007                      |            |              |              |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March        | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 620        | 785          | 880          | 253        | 283        | 458        | 505        | 402        | 379        | 318        | 262        | 299        | 5,444        |
| Inuvik Weigh Scale        | 63         | 39           | 55           | 42         | 4          | 41         | 32         | 40         | 40         | 24         | 0          | 17         | 397          |
| 24/7 Permitting Centre    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0          | 0            | 0            | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1            |
| Hay River Regional Office | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 1          | 3            | 1            | 2          | 0          | 6          | 13         | 1          | 0          | 0          | 0          | 0          | 27           |
| <b>Total</b>              | <b>684</b> | <b>827</b>   | <b>936</b>   | <b>297</b> | <b>287</b> | <b>506</b> | <b>550</b> | <b>443</b> | <b>419</b> | <b>342</b> | <b>262</b> | <b>316</b> | <b>5,869</b> |
| 2006                      |            |              |              |            |            |            |            |            |            |            |            |            |              |
| Location                  | January    | February     | March        | April      | May        | June       | July       | August     | September  | October    | November   | December   | Total        |
| Enterprise Weigh Scale    | 484        | 979          | 1,232        | 263        | 177        | 301        | 318        | 300        | 352        | 243        | 189        | 236        | 5,074        |
| Inuvik Weigh Scale        | 16         | 23           | 48           | 18         | 3          | 25         | 17         | 20         | 20         | 22         | 0          | 10         | 222          |
| 24/7 Permitting Centre    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Inuvik Regional Office    | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Mobile Inspection Office  | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Hay River Regional Office | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| Fort Liard Weigh Scale    | 17         | 4            | 1            | 0          | 1          | 5          | 36         | 6          | 6          | 12         | 9          | 1          | 98           |
| <b>Total</b>              | <b>517</b> | <b>1,006</b> | <b>1,281</b> | <b>281</b> | <b>181</b> | <b>331</b> | <b>371</b> | <b>326</b> | <b>378</b> | <b>277</b> | <b>198</b> | <b>247</b> | <b>5,394</b> |

Figure 15  
Vehicle Classifications

Highway Ferries



Weigh Scale Classification



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



## **Appendix A**

### **Historical Data**

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

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

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

## **Appendix B**

### **Data Processing Methodology**

## Data Processing Methodology

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

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

### Step One

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

### Step Two

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

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

Where: Vol = daily traffic for day k, of day-of-week i, and month j

i = day of the week

j = month of the year

k = 1 when the day is the first occurrence of that day of the week in a month, 4 when it is the fourth occurrence.

n = the number of days of that day of week during that month (usually between 1 and 5, depending on the number of missing data).

### **Step Three**

- Calculated AADT numbers are compared against previous years' values, other sources of traffic information such as ferry logs and Lupin Winter Road logs, upstream and downstream counter sites and previous experience.
- If results of the AADT algorithms appear to be abnormally high or low at a particular site, the AADT for the year will be estimated by applying an appropriate growth rate to the previous year's AADT.

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

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