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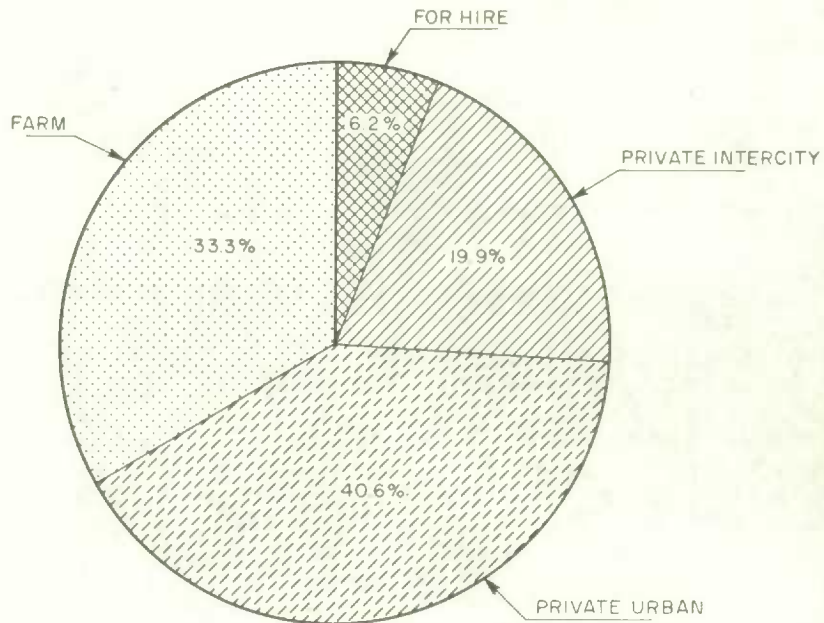
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MOTOR TRANSPORT TRAFFIC NATIONAL ESTIMATES 1962

CHART-1

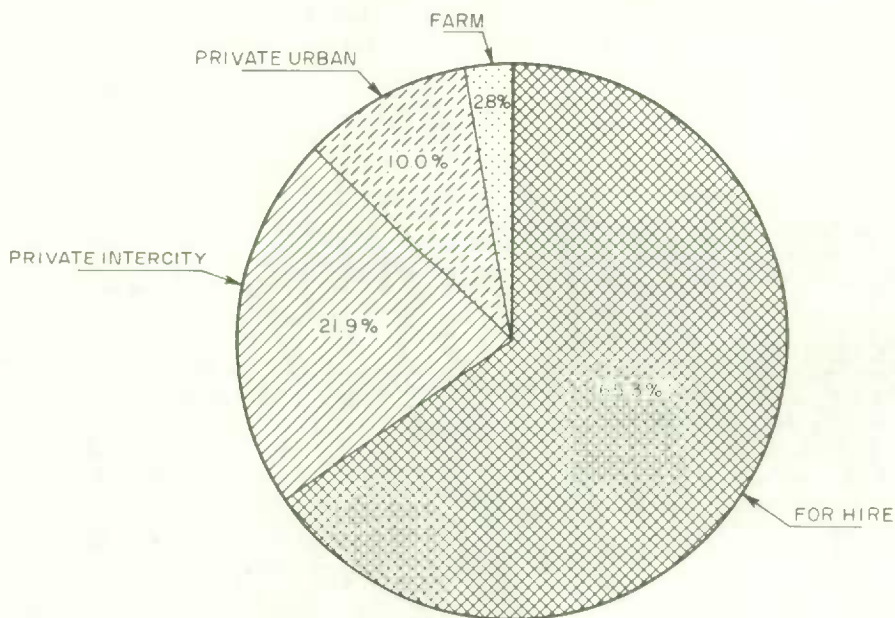
TRUCK REGISTRATIONS BY TYPE OF OPERATION



Source: Appendix I

CHART-2

NET TON MILES BY TYPE OF OPERATION



Source: Section I, Table I.

CHART-3

TONS CARRIED BY TYPE OF OPERATION 1962



Source: Section I, Tables 4, 7, 10 and 11.

INTRODUCTION

This report presents the results of sample surveys conducted in each of the ten provinces during one week in each month of 1962. Truck transport statistics published in provincial and regional reports for 1962 have been summarized herein.

These motor transport traffic surveys have been made possible through the invaluable co-operation of provincial government departments, particularly motor vehicle registration branches, together with the assistance of the Canadian Trucking Associations and their affiliates and several interested organizations and individuals who appreciate the need for comprehensive traffic data on Canadian truck transport.

National estimates of truck traffic statistics have been published since 1957. A summary table has been included in this report which provides a comparison of principal statistics by function of carrier for the years 1960, 1961 and 1962. The data contained in this table should be used only as a guide to the trends in truck traffic as methods used in estimating the traffic have been improved over the years and consequently some changes in concepts have had to be made which affect the comparability of the statistics.

It should be noted that in 1961 the description of commodities transported by trucks was changed to conform with the revised "Standard Commodity Classification" produced by the Dominion Bureau of Statistics. Formerly commodities were classified according to the "Railway Freight Commodity Statistics Classification". The change will enable these data to be compared more easily with other commodity data produced by the Dominion Bureau of Statistics. A breakdown of the commodity groupings used in this report is presented in Appendix VII. Traffic data by individual commodities while not available in the annual report are presented in the quarterly reports "Motor Transport Traffic; National Estimates", Catalogue No. 53-004.

Included in this report are additional appendices which provide further information on the truck population. The data contained in Appendix II, Truck Population by Type of Motive Power, Class of Operation and Province and Appendix III, Truck and Tractor-Trailer Population by Model and Province have been released for previous years in the Daily Bulletin. However, the analyses shown in Appendix IV, Truck Population by Year of Manufacture and Province and Appendix V, Private Intercity and Urban Truck Population by Industry and Province have not been made for previous years and are presented in this report for the first time.

Sample Selection

The 1962 national estimates of motor transport traffic in Canada are based upon a sample of approximately 11 per cent of trucks registered in the various provinces. To allow for seasonal variations, the sample is selected in four quarterly segments with approximately one fourth of the total selected each quarter. Each quarterly sample is spread over three survey weeks with one third of the sample being used for a seven day period, Sunday through Saturday, per month.

Trucks not normally engaged in the transportation of commodities are excluded. Hence the following types of vehicles are eliminated from the survey: tow trucks, hearses, ambulances, snowmobiles, farm tractors, cranes, bulldozers, diggers, graders and other road building equipment, military and government-owned vehicles. Trailers as such are excluded from the sample, but details of tractor-trailer combinations are obtained by including the power units or tractors in the survey.

The sample selection ratios for each province are as follows:

Province	Gross vehicle weight groups (pounds)					
	0 - 5,000	5,001- 10,000	10,001- 15,000	15,001- 20,000	20,001- 30,000	Over 30,000
Newfoundland	1/32	1/16	1/4	1/4	1/4	1/4
Prince Edward Island	1/32	1/8	1/4	1/4	1/4	1/4
Nova Scotia	1/12	1/80	1/12	1/12	1/4	1/4
New Brunswick	1/8	1/80	1/12	1/12	1/4	1/4
Quebec ¹	1/144	1/144	1/24	1/24	1/6	1/6
Ontario	1/216	1/72	1/24	1/24	1/6	1/6
Manitoba	1/144	1/144	1/24	1/24	1/6	1/6
(Farm trucks)	(1/144)	(1/216)	(1/48)	(1/48)	(1/12)	(1/12)
Saskatchewan	1/72	1/72	1/24	1/24	1/6	1/6
(Farm trucks)	(1/144)	(1/216)	(1/72)	(1/72)	(1/36)	(1/12)
Alberta	1/144	1/72	1/24	1/24	1/6	1/6
(Farm trucks)	(1/288)	(1/144)	(1/24)	(1/72)	(1/12)	(1/12)
British Columbia	1/144	1/72	1/24	1/24	1/6	1/6

¹ Vehicles in Quebec were selected by the following tare weight groups which for the purposes of this series have been made to correspond to the above gross vehicle weight classes: 0-3,300 lb., 3,301-5,800 lb., 5,801-7,300 lb., 7,301-8,550 lb., 8,551-11,050 lb., over 11,050 lb.

Vehicles in the sample are stratified by type of operation and by gross vehicle weight group. The four functional categories used are: for hire, private intercity, private urban and farm. For hire vehicles are those operated for compensation or gain; private intercity vehicles are those owned by firms and individuals and operated on intercity routes to transport their own goods; private urban vehicles are those operated only within urban areas and farm

trucks are those operated by farmers primarily to transport farm produce and supplies.

The existing provincial licensing system is used where possible to classify vehicles into these four functional categories. (See Appendix I for 1962 population estimates and Appendix VIII for the description of vehicle classifications in each province.)

Expansion of Survey Results

As this survey is conducted on a sample basis the data obtained for the vehicles included in the sample in each province have to be expanded to represent the traffic of each provincial truck population. Provincial data have then to be added together to arrive at totals. Current procedures in arriving at provincial and national totals are:

1. A truck population has to be determined. As each sample is selected quarterly the number of trucks chosen in each sample multiplied by the inverse of the sample selection ratios provides an estimated quarterly population for each province. Prior to 1959 the data for each quarterly provincial sample were expanded to represent the total traffic of the estimated population of the same quarter. In 1959, however, it was decided that it would be preferable to expand data for the four quarterly surveys using a constant population. This constant population would be the peak quarterly population of the previous year calculated by multiplying the sample in each quarter by the inverse of the sample selection ratios.
2. The constant population has to be broken down into gross vehicle weight groups and functions. This is already partially done as sample selections are stratified by weight group. Therefore it is only necessary to multiply the sample in each weight group in each province by the inverse of the appropriate selection ratios to arrive at quarterly provincial populations broken down by weight group.
The four quarterly populations by gross vehicle weight are added together and an average provincial weight group distribution for the year is computed. These weight group distributions are applied to the constant population. The provincial populations then have to be distributed by function. In provinces where it is not possible to use the existing licence categories this is done by using the distribution obtained from the previous year's questionnaires. This latter procedure was introduced in 1959. Prior to that year the distribution by function, when not available from the licence, was determined from completed questionnaires for each quarter, separately.
3. Now that the constant provincial populations have been calculated and broken down by function and gross vehicle weight group it is necessary to allocate vehicles included in current surveys in the same manner.

4. Expansion ratios for each gross vehicle weight group of each functional category are then calculated in each province by determining for each breakdown the number of vehicles for which completed questionnaires were received or which were not in use during the survey period and dividing this sum into the constant provincial population.
5. As the survey results for sample vehicles relate to one week's operations the expansion ratios calculated in (4) have to be multiplied by 13 to cover the three month period. Data obtained from completed questionnaires are then multiplied by the expansion ratios.
6. The expanded provincial data for the four quarters are added together to arrive at annual provincial totals.
7. Annual provincial totals are added together to obtain national estimates.

Compilation of National Estimates

(a) Duplication of Data

In Section I, all figures are the sum of traffic performed "inside and outside the province" of registration as published in individual provincial reports. Because some vehicles are registered in more than one province this concept involves some duplication of figures. Movements of Canadian registered trucks in the United States are included whether they are in transit between Canadian points or engaged in international trade. This concept also covers trucks operating outside the province of registration, either under special permit or according to the terms of reciprocal agreements.

It should be noted that 1962 saw the conclusion of a large number of reciprocal licensing agreements. Most of these agreements were based on full free reciprocity for certain vehicles including most of those of less than 6,000 lb. gross weight, while trucks over this weight paid the full fee in their home province and \$10.00 per ton in the province extending reciprocity. Agreements along these lines were signed by Ontario with New Brunswick, Manitoba, Saskatchewan and Alberta. Saskatchewan and Alberta also agreed to reciprocate on a similar basis. Trucks registering at \$10.00 per ton reciprocal fee are being excluded from the truck populations of all but their home provinces. This

will eliminate a considerable amount of duplication in the National Estimates. However, as most of the agreements referred to above did not become effective until the latter half of 1962 the effects on 1962 data will not be significant. A summary of reciprocal highway agreements for trucking, current at December 31, 1962, appears in the Dominion Bureau of Statistics publication: "The Motor Vehicle 1962, Part I, Rates and Regulations", Catalogue No. 53-217.

In Section II, duplication is avoided by taking only 50 per cent of the interprovincial operations reported by each operator. With the extension of reciprocal licensing agreements and the consequent decrease in duplication this procedure no longer becomes entirely adequate. If and when reciprocal licensing agreements extend to all provinces no adjustment to the reported data will be necessary. As most reciprocal licensing agreements under the \$10.00 per ton fee did not come into effect until late 1962 it has been decided to follow the previous practice with regard to interprovincial operations and halve the data reported. This procedure will have to be re-examined for 1963.

Although it was necessary to reduce interprovincial data to obtain realistic national estimates it does not follow that the interprovincial traffic reported for any individual province is overstated since the statistics represent the performance of vehicles registered in each particular province. It is only when provincial data are added together that difficulties arise.

(b) Weight Classifications

There continues to be some lack of provincial comparability in vehicle weight classifications as the province of Quebec licenses trucks by tare weight, while the other provinces use gross vehicle weight. Where vehicles are licensed by tare weight, the gross vehicle weight is estimated from the recorded tare weight and either the estimated capacity or the heaviest load carried during the survey week.

(c) Classification by Type of Operation

In the compilation of statistics for each province, as previously explained, the existing provincial licensing system is used where possible to classify vehicles into the four functional categories: for hire, private intercity, private urban and farm. Unfortunately this method does not provide exactly comparable vehicle classes between provinces thus creating a problem in the provision of national totals. An examination of Appendix VIII, which describes the vehicle classifications used in this report, will reveal these variations.

Concepts

Statistics which had to be calculated from basic information such as miles travelled, fuel consumed, weight of goods carried and loaded miles are listed below together with the methods used to

calculate them. A reproduction of the questionnaire used in 1962 appears in Appendix IX.

Average yearly mileage per truck—total annual mileage performed divided by the estimated annual truck population.

Net ton miles—weight of each load carried multiplied by the distance it was transported. For vehicles engaged in intercity or rural operations, net ton miles were calculated on a trip basis from the log kept during the survey week. For urban operations, the average load carried during the week was calculated and then multiplied by the number of miles travelled with a load to obtain net ton miles.

Average distance each ton was carried—total net ton miles divided by total tons of goods carried.

Percentage of total mileage travelled empty—annual empty mileage was computed by subtracting loaded miles from total miles. The annual number of empty miles performed were then taken as a percentage of total miles.

Miles per gallon of gasoline (or diesel or other fuel)—total miles travelled during year divided by total gallons of gasoline consumed.

Average weight carried—total net ton miles performed divided by total miles travelled with a load.

Average net ton miles per truck—total net ton miles performed during the year divided by the estimated annual truck population.

Capacity ton miles—total number of miles travelled multiplied by the estimated capacity or the weight of the heaviest load carried, whichever was larger.

Average capacity ton miles per truck—total capacity ton miles divided by the estimated annual truck population.

Percentage of capacity utilized—total net ton miles performed taken as a percentage of total capacity ton miles. This measures the effective utilization of motor vehicles on a net ton mile basis rather than by weight carried.

Gross ton miles—weight of vehicle empty (tare weight) multiplied by total miles travelled plus total net miles performed. The tare weight of each vehicle was estimated, except for vehicles in Quebec which were registered by tare weight.

Average gross ton miles per truck—total gross ton miles divided by estimated annual truck population.

Further information on the history and organization of motor transport traffic surveys may be found in the previous reports: "Motor Transport Traffic, National Estimates" for 1957 to 1961.

Review of Survey Results

The estimated population of truck and road tractors performing transportation services in Canada during the year rose 3.4 per cent to 975,000 from 942,900 in 1961. Of these 60,527 or 6.2 per cent were for hire vehicles; 193,568 or 19.9 per cent were private intercity vehicles; 396,055 or 40.6 per cent were private vehicles operating wholly within urban areas; and 324,850 or 33.3 per cent were farm trucks. Almost one third of the total number of trucks were registered in Ontario and one half were registered in the two provinces of Quebec and Ontario.

In the following tables blanks appear for some breakdowns of diesel fuel and other fuel by type of operation and by gross vehicle weight group. In most of these instances no vehicles were chosen belonging to these classifications in any of the quarterly sample selections. However, in some cases a few vehicles were selected but the data collected were considered too unreliable to publish. Even where no vehicles were selected, it does not necessarily follow that there were no vehicles in the province belonging to these classifications.

Section I. Total Truck Traffic by Canadian Registered Trucks

Total miles travelled by trucks and road tractors increased by 2.4 per cent to 6,921 million in 1962 from 6,761 million in 1961; at the same time the average mileage per truck dropped slightly to 7,100 miles from 7,200 in the previous year. The average distance each ton of goods was carried decreased insignificantly to 35.1 miles from 35.2 while the proportion of empty miles remained constant at one half.

Gasoline consumption was 676,700,000 gallons in 1962 an increase of 1.1 per cent over the 669,402,000 gallons reported in 1961. Diesel fuel consumption was up 7.5 per cent in 1962 to 101,220,000 gallons from 94,126,000 in the previous year.

The total weight of goods carried by all trucks increased between the two years to 525,695,000 tons from 511,709,000 tons and the average weight carried increased to 5.3 tons from 5.2. With the increase in loaded miles travelled and tons of goods carried the total net ton miles performed rose by 2.4 per cent to 18,435,255,000 from 17,996,048,000 in 1961 while the average net ton miles per truck decreased by 1.0 per cent.

Trucks with a gross vehicle weight of 20,001 lb. and over comprised approximately one eighth of

the total truck population in 1962. However, these vehicles had an average yearly mileage of slightly over 18,000 miles, an average load of 10.8 tons and travelled empty only 32.5 per cent of the time. Consequently these heavier trucks performed 88.6 per cent of the road transportation services of the country measured in terms of net ton miles.

Charts 1 and 2 indicate that for hire trucks and road tractors, which represented only 6.2 per cent of total registrations, performed 65.3 per cent of truck transport net ton miles. For hire vehicles carried an average load of 11.0 tons compared with an average of 5.3 tons for trucks of all types and transported each ton an average distance of 68.9 miles as against 35.1 for all four categories of trucks.

It is estimated that urban operations accounted for 6.1 per cent and 4.9 per cent of the total net ton miles performed by for hire and private intercity trucks respectively.

Some private trucks under 10,000 lb. gross vehicle weight are used essentially for personal transportation. Such vehicles accounted for about 13 per cent of the total mileage travelled by all trucks. About 80 per cent of trucks used mainly for personal transportation are in the category "pickup, express, panel, sedan delivery, jeep, utility". Within this category trucks used for personal transportation accounted for approximately 20 per cent of the total.

Section II. Interprovincial and International Traffic by Canadian Registered Trucks

As this survey was conducted on a vehicle basis, information was requested regarding the origin and destination of each vehicle rather than the origin and destination of the commodities carried. Therefore, these estimates pertain only to the direct movement of goods across national or provincial boundaries. Interchange traffic, such as road tractors which deliver their trailers to border points for transfer to other tractors which, in turn transport them through the adjoining province or state, is excluded from this section.

For hire trucks engaged in interprovincial and international traffic carried 5,916,000 tons of goods, of which 26 per cent were transported between the provinces of Quebec and Ontario. Private intercity trucks transported 2,184,000 tons of goods between provinces, of which 27 per cent was moved between Quebec and Ontario.

APPENDIX VI

During 1962, survey questionnaires were mailed to the owners or operators of 110,130 motor vehicles. Of this number 44,495 were returned completed and 31,416 trucks were reported not used during the

survey week. The remaining 34,219 were either returned incomplete and unusable or not returned at all.

Comparative Summary of Total Traffic of All Trucks by Type of Operation, 1960-62

	Estimated annual population	Mileage			Fuel			Weight of goods carried	
		Total mileage travelled	Average distance each ton was carried	Percentage of total mileage travelled empty	Total gallons consumed			Total tons of goods carried	Average weight carried
					Gasoline	Diesel	Other		
		'000	miles		'000	'000	'000	'000	tons
For hire:									
1960	55,016	1,348,359	68.9	26.4	160,823	65,390	238	144,912	10.1
1961	58,306	1,486,180	74.8	26.7	178,707	78,454	79	156,712	10.8
1962	60,527	1,506,662	66.9	27.1	170,575	83,410	635	174,642	11.0
Private intercity:									
1960	185,919	1,861,885	28.2	57.1	182,396	10,021	598	120,287	4.2
1961	198,604	2,126,373	31.4	56.2	211,711	13,870	628	125,756	4.2
1962	193,566	2,066,629	33.3	57.5	206,149	15,339	624	121,222	4.6
Private urban:									
1960	361,845	2,104,531	9.9	51.9	190,230	1,365	—	176,967	1.7
1961	370,942	2,224,047	9.7	51.4	206,197	1,802	—	196,146	1.8
1962	396,055	2,371,859	9.5	53.8	222,166	2,471	—	195,294	1.7
Farm:									
1960	306,620	963,336	12.9	66.0	75,983	—	—	36,536	1.4
1961	314,848	923,917	13.3	63.5	72,787	—	—	33,095	1.3
1962	324,850	975,433	14.7	61.6	77,810	—	—	34,537	1.4
All trucks:									
1960	909,400	6,278,111	32.6	50.1	609,432	76,776	836	478,702	5.0
1961	942,900	6,760,517	35.2	49.1	669,402	94,126	707	511,709	5.2
1962	975,000	6,920,583	35.1	50.2	676,700	101,220	1,259	525,695	5.3
		Net ton miles		Capacity ton miles		Gross ton miles	Revenue		
		Total net ton miles performed	Average net ton miles per truck	Total capacity ton miles	Percentage of capacity utilized		Total revenue	Revenue per ton mile	Average revenue per truck
		'000		'000			\$'000	¢	\$
For hire:									
1960	9,984,777	181,500	17,576,454	56.8	22,426,938	657,862	6.6	12,000	
1961	11,716,288	200,900	20,539,624	57.0	26,234,097	722,664	6.2	12,400	
1962	12,040,114	198,900	21,402,191	56.3	27,230,059	755,563	6.3	12,500	
Private intercity:									
1960	3,386,830	18,200	8,474,129	40.0	10,145,099	—	—	—	
1961	3,944,344	19,800	9,816,305	40.2	11,762,936	—	—	—	
1962	4,036,609	20,900	10,282,338	39.3	12,109,004	—	—	—	
Private urban:									
1960	1,759,002	4,900	5,113,859	34.4	7,111,042	—	—	—	
1961	1,696,802	5,100	5,511,863	34.4	7,630,203	—	—	—	
1962	1,851,164	4,700	6,086,661	30.4	6,215,790	—	—	—	
Farm:									
1960	471,575	1,500	1,737,333	27.1	2,619,522	—	—	—	
1961	438,614	1,400	1,645,921	26.6	2,495,266	—	—	—	
1962	507,366	1,600	1,753,211	28.9	2,638,953	—	—	—	
All trucks:									
1960	15,602,184	17,200	32,901,775	47.4	42,302,601	—	—	—	
1961	17,996,048	19,100	37,513,713	46.0	48,122,502	—	—	—	
1962	18,435,255	18,900	39,524,421	48.6	50,193,806	—	—	—	

SECTION 1. TOTAL TRUCK TRAFFIC BY CANADIAN REGISTERED TRUCKS, 1962

TABLE 1. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	1,506,662	2,066,629	2,371,859	975,433	6,920,583
Average yearly mileage per truck		24,900	10,700	6,000	3,000	7,100
Average distance each ton was carried		68.9	33.3	9.5	14.7	35.1
Percentage of total mileage travelled empty		27.1	57.5	53.8	61.6	50.2
Fuel:						
Total gallons of gasoline consumed	'000	170,575	206,149	222,166	77,810	676,700
Miles per gallon of gasoline		5.8	9.5	10.6	12.5	9.3
Total gallons of diesel oil consumed	'000	83,410	15,339	2,471	—	101,220
Miles per gallon of diesel oil		6.2	6.2	5.7	—	6.2
Total gallons of other fuel oil	'000	635	624	—	—	1,259
Miles per gallon of other fuel		5.4	7.2	—	—	6.3
Weight of goods carried:						
Total tons of goods carried	'000	174,642	121,222	195,294	34,537	525,695
Average weight carried	ton	11.0	4.6	1.7	1.4	5.3
Net ton miles:						
Total net ton miles performed	'000	12,040,114	4,036,609	1,851,164	507,368	18,435,255
Average net ton miles per truck		198,900	20,900	4,700	1,600	18,900
Capacity ton miles:						
Total capacity ton miles	'000	21,402,191	10,282,338	6,086,681	1,753,211	39,524,421
Average capacity ton miles per truck		353,600	53,100	15,400	5,400	40,500
Percentage of capacity utilized		56.3	39.3	30.4	28.9	46.6
Gross ton miles:						
Total gross ton miles	'000	27,230,059	12,109,004	8,215,790	2,638,953	50,193,806
Average gross ton miles per truck		449,900	62,600	20,700	8,100	51,500
Revenue:						
Total revenue	\$'000	755,563	—	—	—	—
Revenue per ton mile	¢	6.3	—	—	—	—
Revenue per mile (total mileage travelled)	¢	50.1	—	—	—	—
Average revenue per truck	\$	12,500	—	—	—	—
Estimated annual population		60,527	193,568	396,055	324,850	975,000

TABLE 2. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 lb.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 lb.	10-15 tons 20,001-30,000 lb.	15-25 tons 30,001-50,000 lb.	Over 25 tons 50,001 lb. and over	Total
Mileage:								
Total mileage travelled	'000	1,946,644	1,924,558	341,390	472,722	736,510	562,315	6,920,583
Average yearly mileage per truck		5,200	5,700	5,600	5,900	10,500	17,700	7,100
Average distance each ton was carried		17.0	20.6	17.3	15.0	14.1	18.9	35.1
Percentage of total mileage travelled empty		70.0	56.9	35.7	35.4	39.6	38.4	50.2
Fuel:								
Total gallons of gasoline consumed	'000	131,260	160,745	37,906	60,928	105,952	98,554	676,700
Miles per gallon of gasoline		14.8	12.0	9.0	7.8	6.9	5.1	9.3
Total gallons of diesel oil consumed	'000	—	—	—	—	—	8,496	101,220
Miles per gallon of diesel oil		—	—	—	—	—	6.7	6.2
Total gallons of other fuel consumed	'000	—	—	—	—	688	262	1,259
Miles per gallon of other fuel		—	—	—	—	7.3	8.2	6.3
Weight of goods carried:								
Total tons of goods carried	'000	10,298	27,578	23,112	63,600	163,494	160,085	525,695
Average weight carried	ton	0.3	0.7	1.6	3.1	5.2	8.8	5.3
Net ton miles:								
Total net ton miles performed	'000	174,748	569,246	400,490	954,984	2,308,013	3,033,327	18,435,255
Average net ton miles per truck		500	1,700	6,500	11,800	33,000	95,300	18,900
Capacity ton miles:								
Total capacity ton miles	'000	1,569,000	2,610,632	1,135,719	2,521,143	5,995,132	7,288,511	39,524,421
Average capacity ton miles per truck		4,200	7,700	18,600	31,200	85,600	229,000	40,500
Percentage of capacity utilized		11.1	21.8	35.3	37.9	38.5	41.6	46.6
Gross ton miles:								
Total gross ton miles	'000	3,245,415	4,608,215	1,554,988	2,809,632	6,015,781	8,066,552	50,193,806
Average gross ton miles per truck		8,700	13,600	25,400	34,800	85,900	253,400	51,500
Estimated annual population		372,527	338,333	61,220	80,742	70,037	31,832	975,000

TABLE 3. All Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Mileage:						
Total mileage travelled '000	77,356	38,024	223,738	179,402	1,706,361	2,240,548
Average yearly mileage per truck	6,000	5,800	7,000	7,400	8,900	7,600
Average distance each ton was carried	10.7	19.2	21.5	23.6	28.5	34.4
Percentage of total mileage travelled empty	66.0	68.7	55.8	56.6	46.7	48.7
Fuel:						
Total gallons of gasoline consumed '000	7,290	3,136	21,634	18,265	168,049	241,827
Miles per gallon of gasoline	10.6	12.1	10.3	9.5	9.5	8.6
Total gallons of diesel oil consumed '000	—	—	330	902	19,187	26,324
Miles per gallon of diesel oil	—	—	6.0	6.8	6.0	6.4
Total gallons of other fuel consumed '000	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried '000	6,833	2,021	12,343	14,004	133,214	196,528
Average weight carried ton	2.8	3.3	2.7	4.3	4.2	5.9
Net ton miles:						
Total net ton miles performed '000	73,226	38,841	264,890	330,757	3,802,009	6,767,355
Average net ton miles per truck	5,700	5,900	8,300	13,600	19,900	22,800
Capacity ton miles:						
Total capacity ton miles '000	216,079	98,350	695,645	808,546	8,732,274	14,645,003
Average capacity ton miles per truck	16,900	14,900	21,700	33,300	45,700	49,400
Percentage of capacity utilized	33.9	39.5	38.1	40.9	43.5	46.2
Gross ton miles:						
Total gross ton miles '000	280,127	127,710	915,914	1,008,766	10,315,039	18,285,808
Average gross ton miles per truck	21,900	19,400	28,500	41,500	54,000	61,700
Estimated annual population	12,800	6,600	32,100	24,300	191,000	296,500
	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	
Mileage:						
Total mileage travelled '000	397,712	487,820	885,389	684,233	6,920,583	
Average yearly mileage per truck	5,900	4,400	6,700	6,700	7,100	
Average distance each ton was carried	53.0	33.6	59.2	35.4	35.1	
Percentage of total mileage travelled empty	45.0	57.0	49.7	56.0	50.2	
Fuel:						
Total gallons of gasoline consumed '000	36,299	46,585	75,635	57,980	676,700	
Miles per gallon of gasoline	9.3	9.6	9.9	10.0	9.3	
Total gallons of diesel oil consumed '000	9,632	6,511	20,731	17,603	101,220	
Miles per gallon of diesel oil	6.3	6.3	6.2	5.7	6.2	
Total gallons of other fuel consumed '000	—	—	1,115	144	1,259	
Miles per gallon of other fuel	—	—	6.2	7.2	6.3	
Weight of goods carried:						
Total tons of goods carried '000	25,540	34,175	45,470	55,567	525,695	
Average weight carried ton	6.2	5.5	6.0	6.5	5.3	
Net ton miles:						
Total net ton miles performed '000	1,353,145	1,149,356	2,689,630	1,966,046	18,435,255	
Average net ton miles per truck	20,100	10,400	20,400	19,200	18,900	
Capacity ton miles:						
Total capacity ton miles '000	2,507,020	2,582,007	5,116,825	4,122,672	39,524,421	
Average capacity ton miles per truck	37,300	23,400	38,800	40,300	40,500	
Percentage of capacity utilized	54.0	44.5	52.6	47.7	46.6	
Gross ton miles:						
Total gross ton miles '000	3,475,187	3,363,518	7,090,978	5,330,759	50,193,806	
Average gross ton miles per truck	51,600	30,500	53,800	52,100	51,500	
Estimated annual population	67,300	110,300	131,800	102,300	975,000	

TABLE 4. For Hire Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Mileage:						
Total mileage travelled	'000 2,398	659	12,560	14,984	325,708	554,536
Average yearly mileage per truck	6,900	7,800	16,300	28,500	19,500	25,700
Average distance each ton was carried	14.9	87.8	87.4	180.2	57.2	51.7
Percentage of total mileage travelled empty	44.2	28.7	25.7	25.5	22.8	29.4
Fuel:						
Total gallons of gasoline consumed	'000 339	86	1,711	1,559	37,643	77,699
Miles per gallon of gasoline	7.1	7.6	6.2	5.7	6.5	5.4
Total gallons of diesel oil consumed	'000 —	—	330	902	13,310	20,559
Miles per gallon of diesel oil	—	—	6.0	6.8	6.0	6.4
Total gallons of other fuel consumed	'000 —	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000 509	49	848	707	36,172	86,048
Average weight carried	ton 5.7	9.1	7.9	11.4	8.2	11.4
Net ton miles:						
Total net ton miles performed	'000 7,569	4,295	74,119	127,407	2,070,671	4,447,275
Average net ton miles per truck	21,900	51,100	96,000	242,200	124,000	205,900
Capacity ton miles:						
Total capacity ton miles	'000 17,136	7,617	139,318	219,152	3,837,542	8,296,711
Average capacity ton miles per truck	49,700	90,700	180,500	416,600	229,800	384,100
Percentage of capacity utilized	44.2	56.4	53.2	58.1	54.0	53.6
Gross ton miles:						
Total gross ton miles	'000 18,468	9,081	178,774	284,505	4,455,218	10,198,832
Average gross ton miles per truck	53,500	108,100	231,600	540,900	266,800	472,200
Revenue:						
Total revenue	\$'000 1,324	284	7,803	7,539	169,654	284,344
Revenue per ton mile	¢ 17.5	6.6	10.5	5.9	8.2	6.4
Revenue per mile (total mileage travelled)	¢ 55.2	43.1	62.1	50.3	52.1	51.3
Average revenue per truck	\$ 3,800	3,400	10,100	14,300	10,200	13,200
Estimated annual population	345	84	772	526	16,700	21,600
	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	
Mileage:						
Total mileage travelled	'000 92,813	83,828	274,368	144,810	1,506,662	
Average yearly mileage per truck	58,000	46,600	26,100	21,900	24,900	
Average distance each ton was carried	348.4	221.9	105.4	58.5	68.9	
Percentage of total mileage travelled empty	19.2	28.9	28.6	29.2	27.1	
Fuel:						
Total gallons of gasoline consumed	'000 6,723	9,091	24,357	11,367	170,525	
Miles per gallon of gasoline	5.4	5.2	6.0	6.1	5.8	
Total gallons of diesel oil consumed	'000 8,971	5,875	20,032	13,431	83,410	
Miles per gallon of diesel oil	6.3	6.3	6.2	5.7	6.2	
Total gallons of other fuel consumed	'000 —	—	635	—	635	
Miles per gallon of other fuel	—	—	5.4	—	5.4	
Weight of goods carried:						
Total tons of goods carried	'000 2,875	3,150	21,692	22,592	174,642	
Average weight carried	ton 13.3	11.7	11.7	12.9	11.0	
Net ton miles:						
Total net ton miles performed	'000 1,001,698	698,908	2,285,890	1,322,282	12,040,114	
Average net ton miles per truck	626,100	388,300	217,700	200,300	198,900	
Capacity ton miles:						
Total capacity ton miles	'000 1,503,513	1,266,588	3,777,345	2,337,269	21,402,191	
Average capacity ton miles per truck	939,700	703,700	359,700	354,100	353,600	
Percentage of capacity utilized	66.6	55.2	60.5	56.6	56.3	
Gross ton miles:						
Total gross ton miles	'000 2,176,434	1,668,355	5,258,821	2,981,571	27,230,059	
Average gross ton miles per truck	1,360,300	926,900	500,800	451,800	449,900	
Revenue:						
Total revenue	\$'000 42,051	35,363	108,842	98,339	755,563	
Revenue per ton mile	¢ 4.2	5.1	4.8	7.4	6.3	
Revenue per mile (total mileage travelled)	¢ 45.3	42.2	39.7	67.9	50.1	
Average revenue per truck	\$ 26,300	19,700	10,400	14,900	12,500	
Estimated annual population	1,600	1,800	10,500	6,600	60,527	

TABLE 5. Selected Statistics of For Hire Trucks by Gross Vehicle Weight Group

Gross vehicle weight	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile	Estimated annual population
	'000 tons	'000	'000	tons	miles	\$'000	¢	
20,000 lb. and under	15,180	138,806	272,793	2.0	18.0	88,631	32.5	18,126
20,001-30,000 lb.	63,935	166,538	937,931	5.6	14.7	108,919	11.6	16,816
30,001-50,000 lb.	42,332	183,627	1,590,309	8.7	37.6	139,521	8.8	10,480
50,001 lb. and over	53,195	609,670	9,239,081	15.2	173.7	418,492	4.5	15,105
Totals	174,642	1,098,841	12,040,114	11.0	68.9	755,563	6.3	60,527

TABLE 6. Selected Statistics of For Hire Trucks by Commodity Group

Commodity group	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile
	'000 tons	'000	'000	tons	miles	\$'000	¢
Live animals	1,974	28,826	230,105	8.0	116.6	15,698	6.8
Food, feed, beverages and tobacco	15,483	210,890	2,244,722	10.6	145.0	109,246	4.9
Crude materials, inedible	84,971	100,667	1,204,381	12.0	14.2	70,308	5.8
Fabricated materials, inedible	32,060	185,371	2,823,399	15.2	68.1	147,572	5.2
End products, inedible	9,264	187,957	1,344,827	7.2	145.2	132,236	9.8
General freight	30,890	384,930	4,192,680	10.9	135.7	280,503	6.7
Totals	174,642	1,098,841	12,040,114	11.0	68.9	755,563	6.3

TABLE 7. Private Intercity Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Mileage:											
Total mileage travelled '000	46,271	24,558	145,208	103,007	524,820	688,671	40,820	110,295	171,459	211,520	2,066,629
Average yearly mileage per truck	7,400	8,100	9,100	8,900	13,700	10,700	12,000	12,200	9,800	8,800	10,700
Average distance each ton was carried	16.4	20.1	21.5	19.3	23.0	40.9	59.0	31.4	42.1	41.1	33.3
Percentage of total mileage travelled empty	70.3	68.3	57.1	61.6	55.4	52.4	27.4	61.4	68.8	65.2	57.5
Fuel:											
Total gallons of gasoline consumed '000	4,274	2,065	13,852	10,938	53,365	72,860	4,794	11,514	14,808	17,679	206,149
Miles per gallon of gasoline	10.8	11.9	10.5	9.4	9.4	9.0	7.9	9.2	11.0	10.5	9.5
Total gallons of diesel oil consumed '000	—	—	—	—	3,606	5,765	461	636	699	4,172	15,339
Miles per gallon of diesel oil	—	—	—	—	6.2	6.3	5.9	6.7	6.5	5.9	6.2
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—	—	480	144	624
Miles per gallon of other fuel	—	—	—	—	—	—	—	—	7.2	7.2	7.2
Weight of goods carried:											
Total tons of goods carried '000	2,549	1,500	6,731	8,038	39,049	40,526	1,938	6,347	3,210	11,334	121,222
Average weight carried ton	3.0	3.9	2.3	3.9	4.7	5.1	4.5	4.7	2.5	6.3	4.6
Net ton miles:											
Total net ton miles performed '000	41,825	30,172	144,725	154,837	1,093,729	1,656,703	114,257	199,390	135,185	465,786	4,036,609
Average net ton miles per truck	6,700	10,000	9,000	13,300	28,500	25,800	33,600	22,100	7,700	19,300	20,900
Capacity ton miles:											
Total capacity ton miles '000	126,879	75,639	426,611	433,042	2,774,736	4,084,058	256,355	532,757	475,834	1,096,427	10,282,338
Average capacity ton miles per truck	20,200	25,100	26,700	37,300	72,300	63,600	75,400	59,100	27,200	45,400	53,100
Percentage of capacity utilized	33.0	39.9	33.9	35.8	39.4	40.6	44.6	37.4	28.4	42.5	39.3
Gross ton miles:											
Total gross ton miles '000	164,234	92,234	557,836	522,296	2,961,174	4,839,200	316,831	649,050	633,881	1,372,268	12,109,004
Average gross ton miles per truck	26,200	30,600	34,900	45,000	77,200	75,300	93,200	72,000	36,300	56,800	62,600
Estimated annual population	6,276	3,017	16,004	11,599	38,379	64,258	3,400	9,020	17,472	24,143	193,568

TABLE 8. Selected Statistics of Private Intercity Trucks by Gross Vehicle Weight Group

Gross vehicle weight	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton	Estimated annual population
	'000 tons	'000	'000	tons	miles	
10,000 lb. and under	6,128	353,351	173,632	0.5	28.3	134,159
10,001 - 20,000 lb.	20,051	164,447	428,303	2.6	21.4	26,178
20,001 - 30,000 lb.	38,644	165,312	880,119	5.3	22.8	20,164
30,001 - 50,000 lb.	32,066	87,132	799,189	9.2	24.9	7,863
50,001 lb. and over	24,333	108,569	1,755,366	16.2	72.1	5,204
Totals	121,222	878,811	4,036,609	4.6	33.3	193,568

TABLE 9. Selected Statistics of Private Intercity Trucks by Commodity Group

Commodity group	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton
	'000 tons	'000	'000	tons	miles
Live animals	786	15,701	65,627	4.2	83.5
Food, feed, beverages and tobacco	17,024	293,594	985,856	3.4	57.9
Crude materials, inedible	58,127	103,797	930,718	9.0	16.0
Fabricated materials, inedible	34,202	162,710	1,372,164	8.4	40.1
End products, inedible	6,401	212,441	433,621	2.0	67.7
General freight	4,682	90,568	248,623	2.7	53.1
Totals	121,222	878,811	4,036,609	4.6	33.3

TABLE 10. Private Urban Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Mileage:											
Total mileage travelled '000	26,651	5,169	45,154	46,542	738,475	800,602	184,385	72,533	165,469	286,879	2,371,859
Average yearly mileage per truck	4,700	4,400	4,400	5,800	7,600	5,600	6,400	5,200	6,000	4,800	6,000
Average distance each ton was carried	6.2	8.2	8.8	9.3	10.8	9.2	10.1	6.7	10.8	7.9	9.5
Percentage of total mileage travelled empty	61.5	70.6	57.4	54.1	48.3	54.5	55.8	58.7	54.9	61.4	53.8
Fuel:											
Total gallons of gasoline consumed '000	2,513	452	4,361	4,465	67,793	76,613	18,156	7,090	15,069	25,654	222,166
Miles per gallon of gasoline	10.6	11.4	10.4	10.4	10.7	10.4	10.1	10.2	11.0	11.2	10.6
Total gallons of diesel oil consumed '000	—	—	—	—	2,271	—	200	—	—	—	2,471
Miles per gallon of diesel oil	—	—	—	—	5.5	—	7.2	—	—	—	5.7
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—	—	—	—	—	—
Weight of goods carried:											
Total tons of goods carried .. '000	3,735	261	4,319	4,218	55,582	65,590	17,689	11,118	12,041	20,741	195,294
Average weight carried ton	2.3	1.4	2.0	1.8	1.6	1.7	2.2	2.5	1.8	1.5	1.7
Net ton miles:											
Total net ton miles performed '000	23,133	2,128	38,129	39,140	598,278	603,014	178,893	74,464	130,581	163,404	1,851,164
Average net ton miles per truck	4,100	1,800	3,700	4,900	6,200	4,200	6,300	5,400	4,700	2,700	4,700
Capacity ton miles:											
Total capacity ton miles '000	69,631	6,878	99,089	124,003	1,967,462	2,003,187	580,017	217,053	396,968	622,393	6,086,681
Average capacity ton miles per truck	12,300	5,900	9,700	15,500	20,300	13,900	20,300	15,600	14,400	10,400	15,400
Percentage of capacity utilized	33.2	30.9	38.5	31.6	30.4	30.1	30.8	34.3	32.9	26.3	30.4
Gross ton miles:											
Total gross ton miles '000	92,726	11,587	127,550	154,322	2,643,122	2,805,929	730,507	254,515	521,213	874,319	8,215,790
Average gross ton miles per truck	16,300	9,900	12,500	19,300	27,300	19,500	25,500	18,300	18,900	14,600	20,700
Estimated annual population	5,677	1,172	10,219	8,005	96,721	144,143	28,600	13,880	27,628	60,010	396,055

TABLE 11. Farm Trucks by Province

	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Mileage:											
Total mileage travelled '000	2,036	7,638	20,816	14,869	117,358	196,739	79,694	221,166	274,093	41,024	975,433
Average yearly mileage per truck	4,100	3,300	4,100	3,600	3,000	3,000	2,400	2,600	3,600	3,600	3,000
Average distance each ton was carried	17.5	10.6	17.8	9.0	16.3	13.8	19.2	13.0	16.2	16.2	14.7
Percentage of total mileage travelled empty	54.5	72.3	62.0	61.3	64.6	66.4	54.0	64.9	55.8	65.2	61.6
Fuel:											
Total gallons of gasoline consumed '000	164	533	1,710	1,303	9,248	14,655	6,626	18,890	21,401	3,280	77,810
Miles per gallon of gasoline	12.4	14.3	12.2	11.4	12.7	13.4	12.0	11.7	12.8	12.5	12.5
Total gallons of diesel oil consumed '000	—	—	—	—	—	—	—	—	—	—	—
Miles per gallon of diesel oil	—	—	—	—	—	—	—	—	—	—	—
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—	—	—	—	—	—
Weight of goods carried:											
Total tons of goods carried '000	40	211	445	1,041	2,411	4,364	3,038	13,560	8,527	900	34,537
Average weight carried ton	0.8	1.1	1.0	1.6	0.9	0.9	1.6	2.3	1.1	1.0	1.4
Net ton miles:											
Total net ton miles performed '000	699	2,246	7,917	9,373	39,331	60,363	58,297	176,594	137,974	14,574	507,368
Average net ton miles per truck	1,400	1,000	1,600	2,200	1,000	900	1,700	2,100	1,800	1,300	1,600
Capacity ton miles:											
Total capacity ton miles '000	2,433	8,216	30,627	32,349	152,534	261,047	167,135	565,609	466,678	66,583	1,753,211
Average capacity ton miles per truck	4,800	3,500	6,000	7,800	3,900	3,900	5,000	6,600	6,100	5,800	5,400
Percentage of capacity utilized	28.8	27.3	25.8	29.0	25.8	23.1	34.9	31.2	29.6	21.9	28.9
Gross ton miles:											
Total gross ton miles '000	4,699	14,808	51,754	47,643	255,525	441,847	251,415	791,598	677,063	102,601	2,638,953
Average gross ton miles per truck	9,400	6,400	10,100	11,400	6,500	6,600	7,500	9,200	8,900	8,900	8,100
Estimated annual population	502	2,327	5,105	4,170	39,200	66,499	33,700	85,600	76,200	11,547	324,850

SECTION II. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC BY CANADIAN REGISTERED TRUCKS, 1962

TABLE 12. Goods Carried by Province of Origin and Destination

To:	For hire									
	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and Northwest Territories	United States	Total
'000 tons										
From:										
Atlantic Provinces	—	41	16	—	—	—	—	—	22	79
Quebec	52	—	709	34	—	79	—	—	164	1,038
Ontario	25	851	—	154	23	119	18	—	461	1,651
Manitoba	—	35	218	—	227	123	5	—	5	613
Saskatchewan	—	2	6	295	—	80	4	—	4	391
Alberta	—	82	62	110	169	—	271	40	22	756
British Columbia	—	6	31	6	11	221	—	29	394	698
Yukon and Northwest Territories	—	—	—	—	—	6	13	—	—	19
United States	6	116	400	11	5	26	107	—	—	671
Totals	83	1,133	1,442	610	435	654	418	69	1,072	5,916
Private intercity										
'000 tons										
From:										
Atlantic Provinces	—	22	1	—	—	—	—	—	123	146
Quebec	17	—	327	1	—	1	—	—	242	588
Ontario	2	269	—	10	2	1	—	—	233	522
Manitoba	—	1	32	—	37	3	—	—	26	99
Saskatchewan	—	—	—	29	—	11	4	—	8	52
Alberta	—	—	—	—	24	—	60	2	2	68
British Columbia	—	—	2	—	4	47	—	76	114	245
Yukon and Northwest Territories	—	—	—	—	—	—	17	—	—	17
United States	31	79	276	8	5	8	20	—	—	427
Totals	50	371	638	48	72	71	101	80	753	2,184

TABLE 13. Selected Statistics by Gross Vehicle Weight Group

Gross vehicle weight	For hire						
	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile
	'000 tons	'000	'000	tons	miles	\$'000	¢
30,000 lb. and under	143	5,088	22,959	4.5	160.6	2,715	11.8
30,001 - 50,000 lb.	628	33,014	283,344	8.6	451.2	19,558	6.9
50,001 lb. and over	5,145	190,740	2,985,370	15.7	580.2	95,836	3.2
Totals	5,916	228,842	3,291,673	14.4	556.4	118,109	3.6
	Private Intercity						
	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton		
	'000 tons	'000	'000	tons	miles		
20,000 lb. and under	242	14,852	19,891	1.3			82.2
20,001 - 30,000 lb.	258	5,331	27,163	5.1			105.3
30,001 - 50,000 lb.	461	8,392	74,045	8.8			160.6
50,001 lb. and over	1,223	23,817	373,998	15.7			305.8
Totals	2,184	52,392	495,097	9.4			226.7

TABLE 14. Selected Statistics by Commodity Group

Commodity classification	For hire						
	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile
	'000 tons	'000	'000	tons	miles	\$'000	¢
Live animals	118	4,104	49,131	12.0	416.4	1,994	4.1
Food, feed, beverages and tobacco	981	54,121	816,315	15.1	832.1	21,800	2.7
Crude materials, inedible	482	7,329	123,603	16.9	256.4	3,525	2.9
Fabricated materials, inedible	1,692	32,528	533,733	16.4	315.4	19,524	3.7
End products, inedible	676	42,582	398,740	9.4	589.9	24,177	6.1
General freight	1,987	88,178	1,370,151	15.5	696.6	47,089	3.4
Totals	5,916	228,842	3,291,673	14.4	556.4	118,109	3.6
	Private Intercity						
	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton		
	'000 tons	'000	'000	tons	miles		
Live animals	27	1,270	14,662	11.5			543.0
Food, feed, beverages and tobacco	474	15,306	144,407	9.4			304.7
Crude materials, inedible	758	7,229	100,693	13.9			132.8
Fabricated materials, inedible	613	9,216	128,404	13.9			209.5
End products, inedible	199	14,148	61,242	4.3			307.7
General freight	113	5,223	45,689	8.7			404.3
Totals	2,184	52,392	495,097	9.4			226.7

Appendix I

Truck Population by Province, Type of Operation and Gross Vehicle Weight Group

Type of operation and gross vehicle weight	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
For hire:												
0- 5,000 lb.	1	1	1	1	178	403	245	—	—	221	93	1,140
5,001-10,000 "	1	1	1	1	50	3,002	802	—	79	447	610	4,990
10,001-15,000 "	1	1	1	1	210	2,404	1,038	50	20	374	369	4,465
15,001-20,000 "	1	1	1	1	282	2,786	2,426	241	105	1,114	577	7,531
20,001-30,000 "	1	1	1	1	439	3,016	6,926	191	294	4,083	1,867	16,816
30,001-50,000 "	1	1	1	1	274	2,766	3,074	368	582	2,063	1,352	10,480
50,001lb. and over.....	1	1	1	1	294	2,323	7,089	750	719	2,198	1,732	15,105
Totals	345	84	772	526	1,727	16,700	21,600	1,600	1,800	10,500	6,600	60,527
Private — Intercity:												
0- 5,000 lb.	1	1	1	1	6,549	8,041	29,419	—	3,992	8,643	9,822	66,466
5,001-10,000 "	1	1	1	1	21,406	14,998	12,857	2,079	1,998	4,847	9,508	67,693
10,001-15,000 "	1	1	1	1	1,553	2,603	3,266	240	279	980	586	9,507
15,001-20,000 "	1	1	1	1	4,152	2,872	6,428	353	638	1,496	732	16,671
20,001-30,000 "	1	1	1	1	2,688	5,310	7,624	439	1,339	1,035	1,729	20,164
30,001-50,000 "	1	1	1	1	378	3,346	2,215	157	516	272	979	7,863
50,001lb. and over.....	1	1	1	1	170	1,209	2,449	132	258	199	787	5,204
Totals	6,276	3,017	16,004	11,599	36,896	38,379	64,258	3,400	9,020	17,472	24,143	193,568
Urban:												
0- 5,000 lb.	1	1	1	1	4,970	25,963	86,312	5,401	7,818	17,460	27,460	175,384
5,001-10,000 "	1	1	1	1	14,860	45,661	30,525	18,322	2,628	5,011	23,162	136,169
10,001-15,000 "	1	1	1	1	1,886	8,053	7,860	1,449	837	856	2,268	23,209
15,001-20,000 "	1	1	1	1	2,130	6,002	8,833	2,806	1,011	2,127	2,908	25,817
20,001-30,000 "	1	1	1	1	1,020	6,238	6,735	1,429	903	1,281	2,868	20,474
30,001-50,000 "	1	1	1	1	207	4,804	3,878	1,193	683	893	1,344	13,002
50,001lb. and over.....	1	1	1	1	—	—	—	—	—	—	—	—
Totals	5,677	1,172	10,219	8,005	25,073	96,721	144,143	28,600	13,880	27,628	60,010	396,055
Farm:												
0- 5,000 lb.	1	1	1	1	2,118	18,239	48,869	2,076	17,379	36,446	4,410	129,537
5,001-10,000 "	1	1	1	1	8,774	18,539	14,563	23,300	36,079	20,714	5,512	127,481
10,001-15,000 "	1	1	1	1	708	1,849	1,404	4,247	11,458	3,749	624	24,039
15,001-20,000 "	1	1	1	1	387	500	1,119	3,245	12,613	12,294	565	30,723
20,001-30,000 "	1	1	1	1	111	73	537	721	7,788	2,927	428	12,583
30,001-50,000 "	1	1	1	1	6	—	7	111	283	70	10	487
50,001lb. and over.....	1	1	1	1	—	—	—	—	—	—	—	—
Totals	502	2,327	5,105	4,170	12,104	39,200	66,499	33,700	85,600	76,200	11,547	324,850
All trucks:												
0- 5,000 lb.	1	1	1	1	13,815	52,646	164,845	7,477	29,189	62,770	41,785	372,527
5,001-10,000 "	1	1	1	1	45,090	82,200	58,747	41,701	40,784	31,019	38,792	338,333
10,001-15,000 "	1	1	1	1	4,357	14,909	13,568	5,986	12,594	5,959	3,847	61,220
15,001-20,000 "	1	1	1	1	6,951	12,160	18,806	8,645	14,367	17,031	4,782	80,742
20,001-30,000 "	1	1	1	1	4,258	14,637	21,822	2,780	10,324	9,326	6,890	70,037
30,001-50,000 "	1	1	1	1	865	10,916	9,174	1,829	2,065	3,298	3,685	31,632
50,001lb. and over.....	1	1	1	1	464	3,532	9,538	862	977	2,397	2,519	20,309
Totals	12,800	6,600	32,100	24,300	75,800	191,000	296,500	67,300	110,300	131,800	102,300	975,000

¹ Population estimates by gross vehicle weight group are not considered sufficiently reliable.

APPENDIX II

Truck Population by Type of Motive Power, Class of Operation and Province (Including Tractors)

Type of motive power	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	
	per cent					
Gasoline ¹ :						
For hire	2.7	1.3	2.3	1.8	8.1	
Private: Intercity	49.0	45.7	49.9	47.7	19.7	
Urban	44.4	17.8	31.8	32.9	50.1	
Farm	3.9	35.2	15.9	17.2	20.5	
Totals	100.0	100.0	99.9	99.6	98.4	
Diesel:						
For hire	—	—	0.1	0.4	0.7	
Private: Intercity	—	—	—	—	0.4	
Urban	—	—	—	—	0.5	
Farm	—	—	—	—	—	
Totals	—	—	0.1	0.4	1.6	
All types:						
For hire	2.7	1.3	2.4	2.2	8.8	
Private: Intercity	49.0	45.7	49.9	47.7	20.1	
Urban	44.4	17.8	31.8	32.9	50.6	
Farm	3.9	35.2	15.9	17.2	20.5	
Totals	100.0	100.0	100.0	100.0	100.0	
Estimated truck population	12,800	6,600	32,100	24,300	191,000	
	Ontario	Mani-toba	Saskat-chewan	Alberta	British Columbia	Canada
	per cent					
Gasoline ¹ :						
For hire	6.6	1.6	1.2	6.8	5.3	5.5
Private: Intercity	21.4	4.9	8.1	13.1	22.9	19.6
Urban	48.6	42.4	12.6	21.0	58.7	40.5
Farm	22.4	50.1	77.6	57.8	11.3	33.3
Totals	99.0	99.0	99.5	98.7	98.2	98.9
Diesel:						
For hire	0.7	0.8	0.4	1.2	1.1	0.7
Private: Intercity	0.3	0.1	0.1	0.1	0.7	0.3
Urban	—	0.1	—	—	—	0.1
Farm	—	—	—	—	—	—
Totals	1.0	1.0	0.5	1.3	1.8	1.1
All types:						
For hire	7.3	2.4	1.6	8.0	6.4	6.2
Private: Intercity	21.7	5.0	8.2	13.2	23.6	19.9
Urban	48.6	42.5	12.6	21.0	58.7	40.6
Farm	22.4	50.1	77.6	57.8	11.3	33.3
Totals	100.0	100.0	100.0	100.0	100.0	100.0
Estimated truck population	296,500	67,300	110,300	131,800	102,300	975,000

¹ Includes an insignificant number of power units burning liquified petroleum gases in Alberta and British Columbia.

Appendix III.

Truck and Tractor-Trailer Population by Model and Province

Model	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Mani-toba	Saskat-chewan	Alberta	British Columbia	Canada	
	per cent											No.
	Trucks and tractor-trailer combinations											
Pickup, express, panel, sedan delivery, jeep, utility	68.2	64.6	65.2	59.5	55.0	62.4	54.2	47.1	58.7	67.8	58.9	573,736
Metro	—	0.2	1.4	0.3	2.2	0.9	0.9	0.5	0.3	1.8	1.1	10,831
Van	5.2	4.1	5.0	5.5	3.5	8.6	4.9	1.7	4.5	7.2	5.6	54,468
Platform, stake, flatdeck	14.8	9.5	10.5	15.7	7.3	14.1	8.6	2.6	5.0	9.1	9.2	69,882
Mixer	0.4	—	0.1	1	0.5	0.5	0.4	0.1	0.4	0.4	0.4	3,963
Dump	6.0	4.4	4.4	5.9	4.5	4.7	4.2	2.9	3.0	2.7	4.0	39,265
Tank	1.3	2.2	1.2	3.0	2.6	2.1	1.9	1.8	1.8	2.1	2.1	20,342
Box	2.3	4.7	4.1	3.0	7.1	0.4	18.6	31.4	17.5	1.1	9.1	88,741
Bulk carrier	0.1	0.1	0.2	0.5	0.2	0.3	0.2	0.2	0.4	0.6	0.3	2,865
Mechanically refrigerated	0.3	0.2	0.6	0.9	0.4	0.5	0.1	0.2	0.2	0.4	0.4	3,652
Other	0.1	0.1	0.3	0.9	0.4	0.7	0.2	0.3	0.6	0.9	0.5	5,487
Not stated	1.3	9.9	7.0	4.8	16.3	4.8	5.8	11.2	7.6	5.9	8.4	81,768
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Estimated population of trucks and tractors	12,800	6,600	32,100	24,300	191,000	296,500	67,300	110,300	131,800	102,300		975,000
	Trucks											
Pickup, express, panel, sedan delivery, jeep, utility	68.2	64.6	66.2	60.6	56.8	65.8	55.6	48.2	60.7	70.2	60.9	573,435
Metro	—	0.2	1.4	0.4	2.2	1.0	0.9	0.5	0.3	1.9	1.2	10,831
Van	5.2	4.1	4.7	5.3	3.0	8.4	4.4	1.3	4.0	7.0	5.2	48,982
Platform, stake, flatdeck	14.8	9.5	10.5	15.7	7.2	14.2	8.5	2.2	4.7	8.8	9.1	85,575
Mixer	0.4	—	0.1	1	0.5	0.6	0.4	0.1	0.4	0.4	0.4	3,893
Dump	6.0	4.4	4.5	5.9	4.6	4.8	4.3	2.9	3.0	2.8	4.1	38,238
Tank	1.3	2.2	1.0	2.8	2.3	1.8	1.7	1.6	1.4	1.9	1.8	17,160
Box	2.3	4.7	4.2	2.9	7.3	0.4	19.0	32.1	18.1	1.1	9.4	88,533
Bulk carrier	0.1	0.1	0.2	0.3	0.2	0.1	0.1	1	0.3	0.2	0.2	1,351
Mechanically refrigerated	0.3	0.2	0.5	0.8	0.4	0.4	0.1	0.2	0.1	0.4	0.3	3,096
Other	0.1	0.1	0.3	0.8	0.2	0.2	1	0.1	0.1	0.3	0.2	1,991
Not stated	1.3	9.9	6.4	4.5	15.3	2.3	5.0	10.8	6.9	5.0	7.2	67,552
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Estimated population of trucks	12,800	6,600	31,616	23,883	184,908	281,062	65,602	107,961	127,501	98,704		940,637
	Tractor-trailer combinations											
Express, utility			—	—	3.7	0.3	0.3	—	0.4	—	0.9	301
Van			17.4	19.7	18.6	12.2	25.4	18.8	22.0	13.6	16.0	5,486
Platform, stake, flatdeck			6.6	15.6	9.3	12.5	10.6	16.8	13.0	16.3	12.5	4,307
Dump			2.3	2.4	2.4	3.8	2.5	4.2	2.3	0.7	3.0	1,027
Tank			11.0	15.8	10.6	6.7	9.3	12.4	14.0	9.2	9.2	3,182
Box			0.6	4.1	1.0	0.2	1.6	1.7	0.7	0.2	0.6	208
Pole or logging			0.8	0.5	0.4	0.7	0.4	1.1	1.2	7.0	1.4	470
Lowbed	2	2	7.8	2.4	2.6	3.1	5.2	3.6	3.8	9.7	4.0	1,363
Auto carrier			2.5	6.0	2.3	6.2	4.4	5.3	4.9	1.9	4.7	1,614
Bulk carrier			1.2	10.5	1.8	3.7	4.4	4.8	4.6	11.3	4.4	1,514
Mechanically refrigerated			2.3	2.6	1.0	1.3	1.3	1.4	3.5	1.7	1.6	556
Other			—	—	0.7	0.2	—	0.3	0.9	—	0.3	119
Not stated			47.5	20.4	45.6	49.1	34.6	29.6	28.7	28.4	41.4	14,216
Totals			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Estimated population of tractors			484	417	6,092	15,438	1,698	2,339	4,299	3,596		34,363

¹ Less than .05 per cent.² Included with trucks.

Appendix IV
Truck Population by Year of Manufacture and Province

Year of manufacture	New found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British ¹ Columbia	Canada ²	No.
	per cent											No.
Prior to 1950	1.3	3.5	7.0	8.1	5.5	7.7	18.3	19.9	9.7	—	9.8	85,208
1950	0.8	2.6	3.4	1.9	3.3	4.9	8.4	9.5	7.1	—	5.5	48,096
1951	1.3	4.1	2.4	4.7	4.7	4.7	7.1	8.4	6.8	—	5.5	48,259
1952	3.5	6.7	4.6	5.4	5.2	6.1	9.2	13.6	7.7	—	7.2	63,056
1953	4.1	7.3	6.8	5.4	5.1	6.5	8.5	8.6	7.6	—	6.7	58,684
1954	5.9	5.5	6.6	4.1	4.4	5.9	2.7	4.0	5.3	—	5.0	43,514
1955	7.8	5.8	7.8	8.2	6.8	7.0	4.6	2.2	4.7	—	5.9	51,208
1956	12.8	7.0	8.8	8.9	9.6	9.8	6.4	4.6	7.7	—	8.5	73,990
1957	10.3	11.9	8.1	9.1	9.1	8.1	4.9	5.1	7.4	—	7.7	67,068
1958	7.8	8.8	8.9	7.3	8.3	7.3	6.5	4.8	6.6	—	7.1	62,178
1959	11.7	11.6	8.7	9.4	10.3	10.3	7.8	6.1	8.3	—	9.2	80,372
1960	13.4	14.7	10.4	10.9	11.5	10.5	7.7	6.1	8.5	—	9.7	84,788
1961	12.2	7.4	10.1	10.8	10.8	7.4	4.7	5.4	7.3	—	7.9	69,129
1962	6.1	3.1	6.2	5.4	5.2	3.6	2.2	1.2	5.0	—	4.0	34,515
Not stated	1.0	—	0.2	0.4	0.2	0.2	1.0	0.5	0.3	—	0.3	2,635
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	
Estimated population	12,800	6,600	32,100	24,300	191,000	296,500	67,300	110,300	131,800	—		872,700

¹ Year of manufacture not available.² Excludes British Columbia.

Appendix V
Private Intercity and Urban Truck Population by Industry and Province

Industry	New found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada	No.
	per cent											No.
Forestry	2.8	0.3	2.5	4.8	1.2	0.7	0.2	0.3	0.1	1.7	1.1	6,515
Fishing	2.8	6.0	2.1	1.1	0.1	0.3	0.3	—	0.1	0.3	0.5	2,612
Mining	0.7	—	0.2	0.1	0.4	0.1	0.4	0.1	0.3	0.5	0.3	1,604
Manufacturing	1.6	1.5	1.6	2.3	4.3	4.6	3.9	2.0	2.6	1.6	3.5	20,676
Construction	5.1	5.2	5.8	5.9	9.0	7.8	10.1	9.8	9.8	7.1	8.1	47,836
Utilities	2.6	0.7	3.9	2.7	4.0	4.3	2.2	6.8	4.0	4.3	4.1	24,007
Wholesale trade	9.8	6.8	10.0	13.8	11.9	10.6	8.5	7.9	8.4	6.9	10.0	59,176
Retail trade	10.2	10.3	13.6	10.7	20.3	16.8	15.9	17.3	14.3	10.3	15.9	93,965
Services	3.1	8.9	6.3	6.4	12.6	17.5	16.6	16.2	20.7	8.7	14.1	82,802
Other (including personal transportation)	55.1	55.0	46.8	44.1	28.7	31.6	37.8	32.9	36.2	52.4	36.3	214,327
Not stated	6.4	5.3	7.2	8.1	7.5	5.7	4.1	6.7	3.5	6.2	6.1	36,103
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Estimated truck population	11,953	4,189	26,223	19,604	135,100	208,401	32,000	22,900	45,100	84,153		589,623

Appendix VI

Survey Response, by Type of Operation and Province

Type of operation	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Total number of trucks selected in samples											
For hire	171	69	499	471	4,742	9,620	843	976	4,652	2,169	24,212
Private:											
Intercity	1,892	775	2,735	2,186	6,190	10,438	609	1,781	2,091	3,118	31,815
Urban	1,881	534	1,929	1,642	9,449	12,075	2,861	1,866	2,497	4,977	39,711
Farm	116	494	330	569	1,356	2,521	1,369	3,514	3,171	952	14,392
Totals	4,060	1,872	5,493	4,868	21,737	34,654	5,682	8,137	12,411	11,216	110,130
Number of questionnaires returned completed											
For hire	61	15	183	196	2,488	4,338	474	506	1,417	1,107	10,785
Private:											
Intercity	688	186	1,047	787	2,701	4,686	343	625	915	1,209	13,187
Urban	717	126	765	583	4,134	5,320	1,082	677	833	1,891	16,128
Farm	43	129	131	140	561	1,087	313	740	909	342	4,395
Totals	1,509	456	2,126	1,706	9,884	15,431	2,212	2,548	4,074	4,549	44,495
Number of sampled trucks reported not in use during survey week											
For hire	53	19	179	126	905	2,366	152	192	1,249	448	5,689
Private:											
Intercity	547	212	865	673	1,936	2,837	127	534	646	854	9,231
Urban	502	137	540	486	2,816	3,385	787	544	754	1,439	11,390
Farm	30	109	87	180	371	677	607	1,550	1,190	305	5,106
Totals	1,132	477	1,671	1,465	6,028	9,265	1,673	2,820	3,839	3,046	31,416
Number of questionnaires not returned or returned incomplete or unusable											
For hire	57	35	137	149	1,349	2,916	217	278	1,986	614	7,738
Private:											
Intercity	657	377	823	726	1,553	2,915	139	622	530	1,055	9,397
Urban	662	271	624	573	2,499	3,370	992	645	910	1,647	12,193
Farm	43	256	112	249	424	757	449	1,224	1,072	305	4,891
Totals	1,419	939	1,696	1,697	5,825	9,958	1,797	2,769	4,498	3,621	34,219

Appendix VII

Commodity Classification

Live animals Cattle Live animals, n.e.s. ¹	Crude materials, inedible — Concluded Sand and gravel Stone, crude Crude non-metallic minerals, except coal and petroleum, n.e.s. Crude materials, inedible, n.e.s.
Food, feed, beverages and tobacco Meat and meat preparations Dairy produce, eggs and honey Cereals unmilled (including grain) Grain, flour, meal and cereal preparations, n.e.s. Fruits and fruit preparations Vegetables and vegetable preparations Fodder and feed, except unmilled cereals Non-alcoholic beverages Ale, beer, stout and porter Tobacco Food, feed, beverages and tobacco, n.e.s.	Fabricated materials, inedible Sawmill products Wood fabricated materials, n.e.s. Paper and paperboard Oils, fats, waxes, extracts and derivatives, animal and vegetable Inorganic and organic chemicals Chemical products Gasoline Fuel oil Petroleum and coal products, n.e.s. Iron and steel and alloys and metal fabricated basic products Cement and concrete basic products Non-metallic mineral basic products, n.e.s. Fabricated materials, inedible, n.e.s.
Crude materials, inedible Logs, round and roughly squared Round timber Pulpwood Fuelwood, n.e.s. Crude wood materials, n.e.s. Ores, concentrates and precipitates Coal Coal, crude petroleum and related crude products, n.e.s.	End products, inedible Machinery Passenger automobiles and chassis Motor vehicle engines, accessories, parts and assemblies End products, inedible, n.e.s. General freight

¹ n.e.s. - not elsewhere specified.

Appendix VIII
Description of Vehicle Classifications

The following summary shows how the existing licensing systems in each province were used to group vehicles into the four functional truck classes. Where no separate licence categories existed, vehicles were classified according to the type of operation as indicated below:

For hire trucks

Atlantic provinces:
No separate licence—

Newfoundland—trucking operations for which revenue was received.

Nova Scotia and Prince Edward Island—trucks operated for compensation on intercity routes and/or in urban areas.

New Brunswick—trucks owned by companies or individuals licensed by the Motor Carrier Board.

Quebec:
"L" licensed vehicles—operated for compensation in intercity or urban service.

Ontario:
Public Commercial Vehicles (P.C.V.)—operated for compensation outside urban areas (rural and intercity routes).

Manitoba:
Public Service Vehicles (P.S.V.)—operated for compensation beyond 15 miles radius of place of registration.

Saskatchewan:
"A" and "E" licensed vehicles—operated for compensation in transporting general merchandise over a route or by charter or for specified commodities provincially.

Alberta:
"E" and "P" licensed vehicles—operated for compensation in transporting general merchandise or specified commodities on intercity routes.

British Columbia:
"E", "G", "H" and "J" carrier licensed vehicles—operated for compensation in intercity service or in urban areas.

Private intercity trucks

Atlantic provinces:
No separate licence—trucks operated on intercity routes.

Quebec:
No separate licence—trucks with "F" licences operated outside urban areas.

Ontario:
No separate licence—private non-farm trucks operated outside urban areas.

Manitoba:
"C.T." licensed vehicles—private non-farm trucks which may operate beyond 15 miles radius of place of registration.

Saskatchewan:
No separate licence—trucks with "C" or "D" licences operated outside urban areas.

Private intercity trucks—Concluded

Alberta:
"C" licensed vehicles and that portion of "X" vehicles operated beyond 5 miles radius of place of registration.

British Columbia:
No separate licence—private non-farm trucks operated beyond urban areas.

Private urban trucks

Atlantic provinces:
No separate licence—trucks operated in urban areas.

Quebec:
No separate licence—trucks with "F" licences operated in urban areas.

Ontario:
No separate licence—trucks operated only in urban areas.

Manitoba:
"T" and "DC" licensed vehicles—trucks operated within 15 miles radius of the place of registration.

Saskatchewan:
No separate licence—trucks with "C" or "D" licences operated within urban areas.

Alberta:
"U" licensed vehicles and that portion of "X" licences operated within 5 miles radius of place of registration.

British Columbia:
No separate licence—trucks which do not have a carrier licence and are operated within urban areas.

Farm trucks

Atlantic provinces:
Trucks owned and operated by a farmer including those with special farm licence in Nova Scotia and New Brunswick.

Quebec:
"N" licensed vehicles—owned and operated by a farmer.

Ontario:
No separate licence—trucks owned and operated by a farmer.

Manitoba:
"FT" licensed vehicles—trucks owned and operated by a farmer.

Saskatchewan:
"F" licensed vehicles—trucks owned and operated by a farmer.

Alberta:
"F" licensed vehicles—trucks owned and operated by a farmer.

British Columbia:
Trucks owned and operated by a farmer including those with special farm licence.

TRUCK TRAFFIC QUESTIONNAIRE

DOMINION BUREAU OF STATISTICS, OTTAWA

Transportation Section

Appendix IX

See Instructions on page 6

This questionnaire is for the following vehicle only:

To be completed by all vehicle operators regardless of the purpose for which vehicle is used - and to be returned at end of Survey Week.

Please answer those sections which apply to your operations for ONE WEEK ONLY.

begin SUNDAY morning		end SATURDAY midnight	Serial No.	Licence No.
----------------------------	--	-----------------------------	------------	-------------

I. GENERAL QUESTIONS TO BE ANSWERED BY EVERYONE

1. Is this vehicle used mainly (check ☐ one):

- ☐ (a) as a common carrier } for revenue earning purposes?
☐ (b) as a contract carrier }
☐ (c) to carry or distribute own or company goods in urban areas (within 5 miles of city or town limits)?
☐ (d) to carry or distribute own or company goods over highways or rural roads?
☐ (e) by a farmer to carry goods to and from the farm?
☐ (f) for personal transportation (with no load)?

2. If you have checked ☐ either 1 (c) or 1 (d) above, please indicate below the industry or activity with which this vehicle is usually associated:

- | | | |
|--|---|--|
| <input type="checkbox"/> 1 Forestry | <input type="checkbox"/> 5 Construction | <input type="checkbox"/> 9 Services (such as laundries, radio & T.V. repair, plumbing, etc.) |
| <input type="checkbox"/> 2 Fishing | <input type="checkbox"/> 6 Utilities or communication | <input type="checkbox"/> 10 Other |
| <input type="checkbox"/> 3 Mining | <input type="checkbox"/> 7 Wholesale trade | Please state _____ |
| <input type="checkbox"/> 4 Manufacturing | <input type="checkbox"/> 8 Retail trade | |

3. Is this vehicle licensed in more than one province? ☐ 1 Yes ☐ 2 No

4. If yes, which provinces?
- | | | |
|---|---|--|
| <input type="checkbox"/> 1 Newfoundland | <input type="checkbox"/> 5 Quebec | <input type="checkbox"/> 9 Alberta |
| <input type="checkbox"/> 2 Prince Edward Island | <input type="checkbox"/> 6 Ontario | <input type="checkbox"/> 10 British Columbia |
| <input type="checkbox"/> 3 Nova Scotia | <input type="checkbox"/> 7 Manitoba | <input type="checkbox"/> 11 Yukon |
| <input type="checkbox"/> 4 New Brunswick | <input type="checkbox"/> 8 Saskatchewan | <input type="checkbox"/> 12 N.W.T. |

5. Is this vehicle licensed in the United States? ☐ 1 Yes ☐ 2 No6. Model (check ☐ one)

- | | | | | |
|--|--|--------------------------------------|---|--|
| <input type="checkbox"/> 1 Pickup | <input type="checkbox"/> 5 Station wagon | <input type="checkbox"/> 9 Van | <input type="checkbox"/> 13 Dump | <input type="checkbox"/> 17 Flatdeck |
| <input type="checkbox"/> 2 Express | <input type="checkbox"/> 6 Jeep | <input type="checkbox"/> 10 Platform | <input type="checkbox"/> 14 Tank | <input type="checkbox"/> 18 Lowbed |
| <input type="checkbox"/> 3 Panel | <input type="checkbox"/> 7 Utility | <input type="checkbox"/> 11 Stake | <input type="checkbox"/> 15 Box | <input type="checkbox"/> 19 Auto carrier |
| <input type="checkbox"/> 4 Sedan delivery | <input type="checkbox"/> 8 Metro | <input type="checkbox"/> 12 Mixer | <input type="checkbox"/> 16 Pole or logging | <input type="checkbox"/> 20 Bulk carrier |
| <input type="checkbox"/> 21 Mechanically refrigerated | | | | |
| <input type="checkbox"/> 22 Other, please describe _____ | | | | |

7. Is this a tractor-trailer combination? ☐ 1 Yes ☐ 2 No8. Number of axles on truck or tractor-trailer combination (check ☐ one):

- ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 and over

9. What is the maximum gross weight* of the truck or tractor-trailer combination?

_____ pounds
 (*Sum of weight of vehicle empty plus weight of maximum load allowed)

10. If this vehicle was not operated during the Survey Week, please state reason:

11. Gallons of fuel used during Survey Week:

- ☐ 1 Gasoline
- ☐ 2 Diesel
- ☐ 3 Other

gallons	
Imperial	U.S.

miles

12. Total miles travelled during Survey Week
 (Speedometer reading at end of week minus speedometer reading at beginning of week. If speedometer is not working, please estimate total mileage for the seven day period.)

II. URBAN OPERATIONS

— are those within a town, city or metropolitan area and a five mile limit thereof. (Exclude the urban portion of intercity trips which should be reported in Section III)

1. If this vehicle was used predominantly in an urban area during the Survey Week, please state the name of the city or town.

2. Total miles travelled in Urban Areas during Survey Week:

3. How many of the miles reported in 2 above were travelled with a load?

pounds

4. Average load carried per trip by this vehicle during the Survey Week in Urban Areas

5. Total weight of goods loaded in urban areas during Survey Week:

Sunday pounds Wednesday pounds

Monday " Thursday "

Tuesday " Friday "

Saturday pounds

pounds

Total

6. What kinds of goods did you carry?

7. If this vehicle is a for-hire (common or contract) carrier, what revenue was received for urban services performed during the Survey Week? \$

III. HIGHWAY (INTERCITY AND RURAL) OPERATIONS

i.e., operations beyond a five mile limit of a town, city or metropolitan area on public roads and away from private or farm property. Include urban portion of intercity or rural trips. Rural operations refer to traffic performed on public roads by farmers to and from farm property. If the exact weights are not known, please estimate. Report all trips including those without load.

INFORMATION REQUIRED	INTERCITY EXAMPLES		RURAL EXAMPLES		ONE-WAY TRIP NO. 1
	One-Way Trip	One-Way Trip	One-Way Trip	One-Way Trip	
1. Point of departure	Toronto	Montreal	Own Farm	St. Catharines	
2. Final destination	Montreal	Toronto	St. Catharines	Own Farm	
3. One-way mileage	350	350	23	23	
4. Via which highways? (List numbers of the highways you used)	2; 401	2; 401	8	8	
5. Weight of load on vehicle at point of departure. (pounds)	18,000	empty	1,000	500	
6. Weight of load on vehicle at point half-way between departure and destination. (pounds)	19,500	empty	1,000	500	
7. Weight of load on vehicle on arrival at final destination. (pounds)	21,000	empty	1,000	500	
8. What kinds of goods were carried? List main types giving usual trade descriptions. Please list as many kinds as you can.	furniture, electrical fixtures	nil	head lettuce	farm supplies	
9. How many pounds of goods (if any) were loaded at all intermediate points excluding point of departure?	4,500	nil	nil	nil	
10. If this vehicle is a tractor, please enter the maximum gross vehicle weight of the tractor and trailer combined.	48,000	48,000	Not applicable	Not applicable	
11. If this vehicle is a for-hire or contract carrier, please estimate gross trip revenue.	\$160.00	nil	Not applicable	Not applicable	
12. Day of week	Mon.	Tues.	Mon.	Mon.	

HIGHWAY (INTERCITY AND RURAL OPERATIONS)

INFORMATION REQUIRED	ONE-WAY TRIP NO. 2	ONE-WAY TRIP NO. 3	ONE-WAY TRIP NO. 4	ONE-WAY TRIP NO. 5
1. Point of departure				
2. Final destination				
3. One-way mileage				
4. Via which highways? (List numbers of the highways you used.)				
5. Weight of load on vehicle at point of departure. (pounds)				
6. Weight of load on vehicle at point half-way between departure and destination. (pounds)				
7. Weight of load on vehicle on arrival at final destination. (pounds)				
8. What kinds of goods were carried? List main types giving usual trade descriptions. Please list as many kinds as you can.				
9. How many pounds of goods (if any) were loaded at all intermediate points excluding point of departure?				
10. If this vehicle is a tractor, please enter the maximum gross vehicle weight of the tractor and trailer combined.				
11. If this vehicle is a for-hire or contract carrier, please estimate gross trip revenue.				
12. Day of week				

Remarks: Please make any comments which you think will help us to understand your report.

INSTRUCTIONS - PLEASE READ CAREFULLY

Identification of Vehicle

Information contained in the large rectangle on the front page identifies the particular vehicle selected for this survey by gross vehicle weight, tare weight, make, year, and licence number, etc. N.B. Please do not substitute any other vehicle for the one indicated.

Method of Selection

Vehicles are chosen at random from provincial motor vehicle registration records without regard to owner, date of registration, age or make of vehicle.

Tractors

If the vehicle is a tractor, then the information requested will apply to the tractor-trailer combination.

If any assistance in completing this questionnaire is required, please write or phone the Transportation Section, Dominion Bureau of Statistics, Ottawa (phone nos. 9-27054 or 9-24275) or contact one of the Regional Offices listed below.

City	Address	Phone No.
St. John's, Nfld.	Sir Humphrey Gilbert Bldg. (P.O. Box 5785)	3145
Halifax, N.S.	105 Hollis St., (P.O. Box 244)	3-7387
Montreal, P.Q.	Room 830, 1165 Bleury St.	UN 6-8008
Toronto, Ont.	36 Adelaide St. E.	EM 2-6211 (Local 2434)
Winnipeg, Man.	269 Main St., Federal Bldg.	WH 3-4528
Edmonton, Alta.	533 Federal Public Bldg., 107th St.	GA 4-0251 (Local 259)
Vancouver, B.C.	Room 404, 326 Howe St.,	MU 1-5288

Units of Measure

Goods carried may be reported in gallons, cubic yards, tons, etc., if impossible to estimate in pounds. If other than pounds, please indicate the unit used.

If Vehicle did not Operate

If this truck or tractor did not operate at all during the survey week or was not used off private property such as farm, quarry, lumber camp or industrial yard, please complete questions 1 to 10 and return.

If Vehicle Sold

If truck or tractor was sold or is no longer in your possession, or if for any reason you cannot complete the questionnaire, please indicate the reason under "remarks" above and return the questionnaire in the envelope provided.

To the best of my knowledge, the information provided in this questionnaire is complete and correct.

Signed by _____

Official Title _____

Name of Firm or Company _____

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