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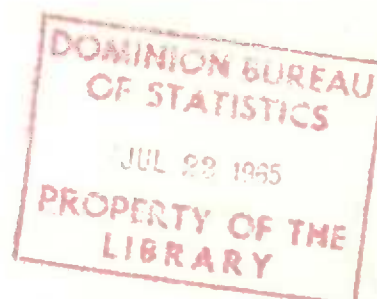
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ANNUAL

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MOTOR TRANSPORT TRAFFIC
NATIONAL ESTIMATES
1963



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Public Finance and Transportation Division
Transportation Section

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dealing with

ROAD TRANSPORT

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MOTOR TRANSPORT TRAFFIC NATIONAL ESTIMATES 1963

CHART-1

TRUCK REGISTRATIONS BY TYPE OF OPERATION

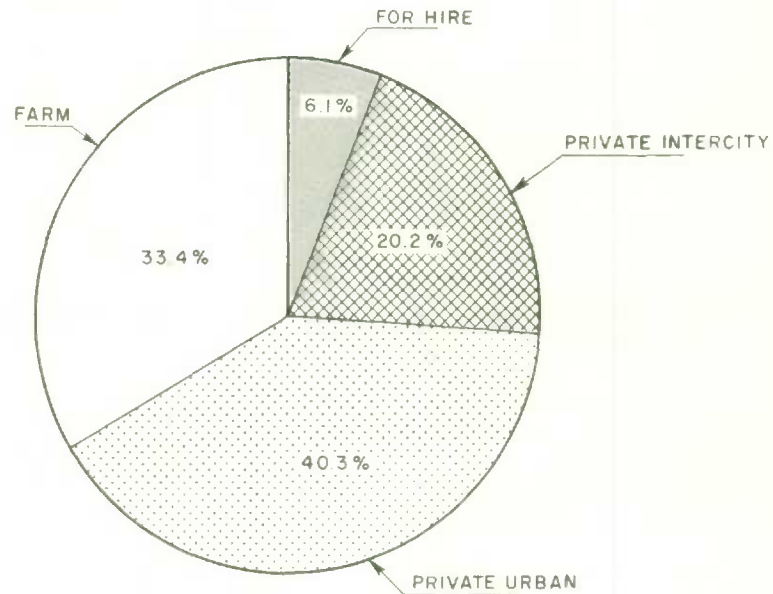


CHART-2

NET TON MILES BY TYPE OF OPERATION

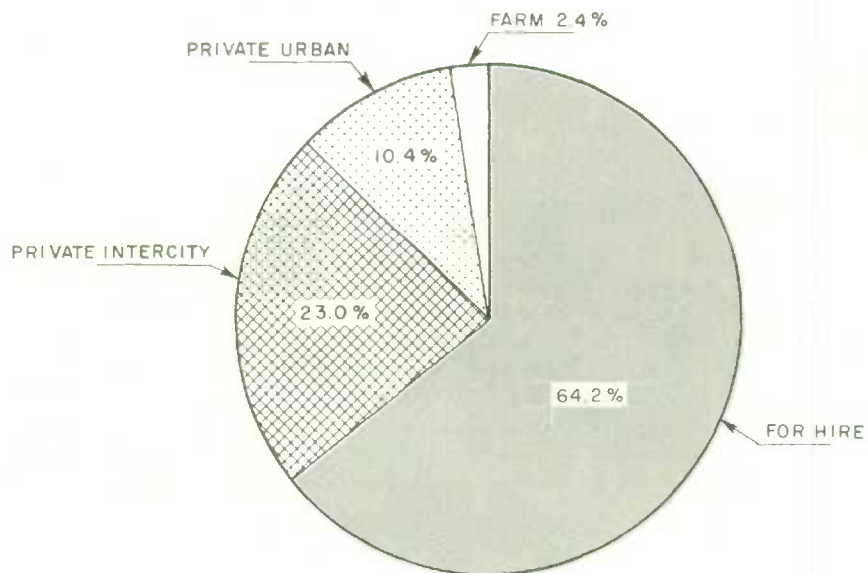
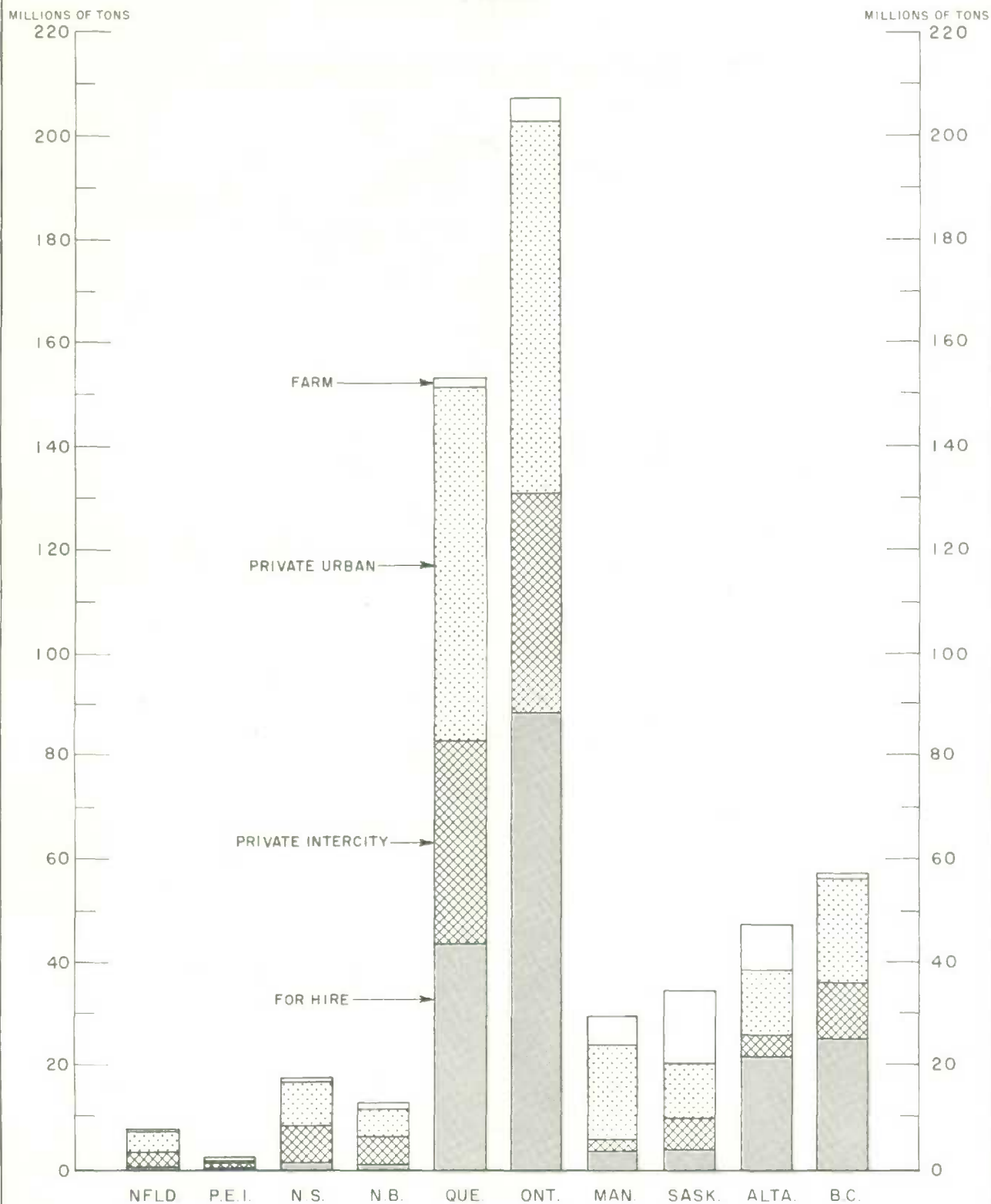


CHART-3

TONS CARRIED BY TYPE OF OPERATION 1963



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INTRODUCTION

This report presents the results of sample surveys conducted in each of the ten provinces during one week in each month of 1963. Truck transport statistics published in provincial and regional reports for 1963 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 1961, 1962 and 1963. 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 were presented in this report for the first time in 1962.

Sample Selection

The 1963 national estimates of motor transport traffic in Canada are based upon a sample of approximately 12 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 1963 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 signing 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, Saskat-

chewan and Alberta also agreed to reciprocate on a similar basis. In 1963 Saskatchewan signed a similar agreement with Manitoba. 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. A summary of reciprocal highway agreements for trucking, current at December 31, 1963, appears in the Dominion Bureau of Statistics publication: "The Motor Vehicle 1963, 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. Because reciprocal agreements still do not cover all provinces it has been decided to follow the previous practice with regard to interprovincial operations and halve the data reported. This procedure will be re-examined for 1964.

Although it was necessary to reduce aggregate 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.

(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 1963 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 ton 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 1962.

Review of Survey Results

The estimated population of truck and road tractors performing transportation services in Canada during the year rose 2.7 per cent to 1,001,100 from 975,000 in 1962. Of these 60,567 or 6.1 per cent were for hire vehicles; 202,711 or 20.2 per cent were private intercity vehicles; 403,092 or 40.3 per cent were private vehicles operating wholly within urban areas; and 334,730 or 33.4 per cent were farm trucks. Almost 30 per cent 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 2.5 per cent to 7,093 million in 1963 from 6,921 million in 1962; at the same time the average mileage per truck did not change from 7,100 miles in the previous year. The average distance each ton of goods was carried decreased to 32.8 miles from 35.1 while the proportion of empty miles remained constant at one half.

Gasoline consumption was 678,394,000 gallons in 1963, an increase of .25 per cent over the 676,700,000 gallons reported in 1962. Diesel fuel consumption was up 8.2 per cent in 1963 to 109,531,000 gallons from 101,220,000 in the previous year.

The total weight of goods carried by all trucks increased between the two years to 568,385,000 tons from 525,695,000 tons and the average weight carried remained at 5.3 tons. With the increase in loaded miles travelled and tons of goods carried the total net ton miles performed rose by 1.2 per cent to 18,648,124,000 from 18,435,255,000 in 1962 while the average net ton miles per truck decreased by 1.6 per cent.

Trucks with a gross vehicle weight of 20,001 lb. and over comprised approximately one eighth of the total truck population in 1963. However, these vehicles had an average yearly mileage of almost 18,000 miles, an average load of 10.7 tons and travelled empty only 32.8 per cent of the time. Consequently these heavier trucks performed 90.7 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 6.1 per cent of total registrations, performed 64.2 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 63.6 miles as against 32.8 for all four categories of trucks.

It is estimated that urban operations accounted for 6.3 per cent and 4.0 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 11.4 per cent of the total mileage travelled by all trucks.

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 5,681,000 tons of goods, of which 30 per cent were transported between the provinces of Quebec and Ontario. Private intercity trucks transported 2,083,000 tons of goods between provinces, of which 28 per cent was moved between Quebec and Ontario.

Appendix VI

During 1963, survey questionnaires were mailed to the owners or operators of 115,232 motor vehicles. Of this number 43,177 were returned completed and 30,774 trucks were reported not used during the

survey week. The remaining 41,281 were either returned incomplete and unusable or not returned at all.

Comparative Summary of Total Traffic of All Trucks by Type of Operation, 1961-63

	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:									
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	68.9	27.1	170,575	83,410	635	174,642	11.0
1963	60,567	1,508,850	63.6	27.5	165,945	86,478	784	188,132	11.0
Private intercity:									
1961	198,804	2,126,373	31.4	56.2	211,711	13,870	628	125,756	4.2
1962	193,568	2,066,629	33.3	57.5	206,149	15,339	624	121,222	4.6
1963	202,711	2,196,152	35.1	56.8	213,325	19,463	1,725	122,102	4.5
Private urban:									
1961	370,942	2,224,047	9.7	51.4	206,197	1,602	—	196,146	1.8
1962	396,055	2,371,859	9.5	53.8	222,166	2,471	—	195,294	1.7
1963	403,092	2,349,600	8.9	52.5	217,660	3,590	146	219,643	1.7
Farm:									
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
1963	334,730	1,037,976	11.6	65.7	81,464	—	—	38,508	1.3
All trucks:									
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
1963	1,001,100	7,092,578	32.8	50.5	678,394	109,531	2,655	568,385	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	\$'000	¢	\$
For hire:									
1961	11,716,288	200,900	20,539,624	57.0	26,234,097	722,664	8.2	12,400	
1962	12,040,114	198,900	21,402,191	56.3	27,230,059	755,563	6.3	12,500	
1963	11,973,864	197,700	21,808,866	54.9	27,143,850	818,919	6.8	13,500	
Private intercity:									
1961	3,944,344	19,800	9,616,305	40.2	11,762,938	—	—	—	
1962	4,036,609	20,900	10,282,338	39.3	12,109,004	—	—	—	
1963	4,283,013	21,100	11,123,747	38.5	12,962,560	—	—	—	
Private urban:									
1961	1,896,802	5,100	5,511,863	34.4	7,630,203	—	—	—	
1962	1,851,164	4,700	6,086,681	30.4	8,215,790	—	—	—	
1963	1,944,283	4,800	6,376,647	30.5	8,250,568	—	—	—	
Farm:									
1961	438,614	1,400	1,645,921	26.6	2,495,286	—	—	—	
1962	507,368	1,600	1,753,211	28.9	2,638,953	—	—	—	
1963	446,964	1,300	1,799,502	24.8	2,730,910	—	—	—	
All trucks:									
1961	17,996,048	19,100	37,513,713	48.0	48,122,502	—	—	—	
1962	18,435,255	18,900	39,524,421	46.6	50,193,808	—	—	—	
1963	18,648,124	18,600	41,108,962	45.4	51,087,888	—	—	—	

TABLE 3. All Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Mileage:						
Total mileage travelled '000	89,285	29,747	209,573	189,683	1,758,733	2,216,478
Average yearly mileage per truck	5,900	4,500	6,300	7,800	8,700	7,400
Average distance each ton was carried	9.8	12.8	18.7	26.2	27.5	29.2
Percentage of total mileage travelled empty	64.2	61.6	57.2	53.1	43.8	49.6
Fuel:						
Total gallons of gasoline consumed '000	8,218	2,443	20,686	18,397	172,548	236,387
Miles per gallon of gasoline	10.8	12.0	9.9	9.8	9.4	8.8
Total gallons of diesel oil consumed '000	136	41	805	1,527	23,671	22,110
Miles per gallon of diesel oil	5.6	7.3	6.8	6.1	5.6	6.2
Total gallons of other fuel consumed '000	—	2	15	26	—	328
Miles per gallon of other fuel	—	15.0	5.9	4.4	—	6.9
Weight of goods carried:						
Total tons of goods carried '000	7,505	1,551	17,269	12,861	152,980	207,263
Average weight carried ton	2.3	1.7	4.1	3.8	4.3	3.4
Net ton miles:						
Total net ton miles performed '000	73,613	19,868	323,119	336,596	4,213,997	6,052,140
Average net ton miles per truck	4,900	3,000	9,800	13,900	20,900	20,300
Capacity ton miles:						
Total capacity ton miles '000	237,644	62,670	857,022	858,751	10,046,395	13,935,629
Average capacity ton miles per truck	15,700	9,500	25,900	35,500	49,800	46,700
Percentage of capacity utilized	31.0	31.7	37.7	39.2	41.9	43.4
Gross ton miles:						
Total gross ton miles '000	308,380	84,496	1,056,800	1,065,585	11,217,548	16,925,694
Average gross ton miles per truck	20,400	12,800	31,900	44,000	55,600	56,700
Estimated annual population	15,100	6,600	33,100	24,200	201,600	298,600
	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	
Mileage:						
Total mileage travelled '000	440,744	480,398	948,875	729,062	7,092,578	
Average yearly mileage per truck	6,300	4,300	7,000	7,000	7,100	
Average distance each ton was carried	49.2	30.7	61.3	38.3	32.8	
Percentage of total mileage travelled empty	48.0	58.7	52.8	57.6	50.5	
Fuel:						
Total gallons of gasoline consumed '000	40,117	43,553	76,033	60,012	678,394	
Miles per gallon of gasoline	9.4	10.1	10.4	10.2	9.5	
Total gallons of diesel oil consumed '000	10,239	6,613	23,697	20,692	109,531	
Miles per gallon of diesel oil	6.1	6.0	6.0	5.4	5.8	
Total gallons of other fuel consumed '000	78	200	1,675	331	2,655	
Miles per gallon of other fuel	5.4	5.8	7.7	8.3	7.5	
Weight of goods carried:						
Total tons of goods carried '000	29,758	34,414	47,589	57,195	568,385	
Average weight carried ton	6.4	5.3	6.5	7.1	5.3	
Net ton miles:						
Total net ton miles performed '000	1,462,949	1,057,906	2,917,869	2,190,067	18,648,124	
Average net ton miles per truck	20,800	9,400	21,600	21,100	18,600	
Capacity ton miles:						
Total capacity ton miles '000	2,699,476	2,459,734	5,405,600	4,546,041	41,108,962	
Average capacity ton miles per truck	38,300	21,800	40,000	43,800	41,100	
Percentage of capacity utilized	54.2	43.0	54.0	46.2	45.4	
Gross ton miles:						
Total gross ton miles '000	3,736,753	3,175,023	7,589,642	5,927,967	51,087,888	
Average gross ton miles per truck	53,100	28,200	56,100	57,200	51,000	
Estimated annual population	70,400	112,600	135,200	103,700	1,001,100	

TABLE 4. For Hire Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Mileage:						
Total mileage travelled '000	1,396	586	14,275	15,584	361,007	511,428
Average yearly mileage per truck	6,000	4,000	18,800	24,800	20,300	24,800
Average distance each ton was carried	9.6	57.8	72.7	137.8	52.7	41.5
Percentage of total mileage travelled empty	39.6	37.9	27.7	29.7	23.5	32.2
Fuel:						
Total gallons of gasoline consumed '000	182	35	1,808	1,403	40,494	74,229
Miles per gallon of gasoline	7.4	8.1	6.1	6.0	6.7	5.7
Total gallons of diesel oil consumed '000	6	41	479	1,195	15,834	15,022
Miles per gallon of diesel oil	9.0	7.3	6.8	6.0	5.6	6.1
Total gallons of other fuel consumed '000	—	—	—	—	—	63
Miles per gallon of other fuel	—	—	—	—	—	6.1
Weight of goods carried:						
Total tons of goods carried '000	412	37	1,234	969	43,592	88,432
Average weight carried ton	4.7	5.8	8.7	12.2	8.3	10.6
Net ton miles:						
Total net ton miles performed '000	3,936	2,121	89,684	133,474	2,297,979	3,671,446
Average net ton miles per truck	16,900	14,500	118,200	212,200	129,100	178,200
Capacity ton miles:						
Total capacity ton miles '000	9,561	6,436	184,862	233,179	4,467,076	7,437,721
Average capacity ton miles per truck	41,000	44,100	243,600	370,700	251,000	361,100
Percentage of capacity utilized	41.2	33.0	48.5	57.2	51.4	49.4
Gross ton miles:						
Total gross ton miles '000	10,663	6,435	225,973	296,467	4,943,321	8,795,586
Average gross ton miles per truck	45,800	44,100	297,700	471,300	277,700	427,000
Revenue:						
Total revenue \$'000	860	290	7,193	9,149	202,555	286,500
Revenue per ton mile ¢	21.8	13.7	8.0	6.9	8.8	7.3
Revenue per mile (total mileage travelled) ¢	61.6	49.6	50.4	58.7	56.1	56.0
Average revenue per truck \$	3,700	2,000	9,500	14,500	11,400	13,900
Estimated annual population	233	146	759	629	17,800	20,600
	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	
Mileage:						
Total mileage travelled '000	96,852	74,395	267,942	165,385	1,508,850	
Average yearly mileage per truck	60,500	43,800	26,300	24,000	24,900	
Average distance each ton was carried	316.6	184.2	116.8	61.0	63.6	
Percentage of total mileage travelled empty	18.0	27.8	27.2	27.8	27.5	
Fuel:						
Total gallons of gasoline consumed '000	7,146	7,475	20,778	12,395	165,945	
Miles per gallon of gasoline	5.4	5.5	6.2	6.3	6.0	
Total gallons of diesel oil consumed '000	9,570	5,577	22,605	16,149	86,478	
Miles per gallon of diesel oil	6.1	5.9	6.0	5.4	5.8	
Total gallons of other fuel consumed '000	17	28	676	—	784	
Miles per gallon of other fuel	5.6	6.3	6.5	—	6.5	
Weight of goods carried:						
Total tons of goods carried '000	3,464	3,496	21,482	25,014	188,132	
Average weight carried ton	13.8	12.0	12.9	12.8	11.0	
Net ton miles:						
Total net ton miles performed '000	1,096,577	644,127	2,509,175	1,525,345	11,973,864	
Average net ton miles per truck	685,400	378,900	246,000	221,100	197,700	
Capacity ton miles:						
Total capacity ton miles '000	1,622,568	1,172,508	4,001,431	2,673,524	21,808,866	
Average capacity ton miles per truck	1,014,100	689,700	392,300	387,500	360,100	
Percentage of capacity utilized	67.6	54.9	62.7	57.1	54.9	
Gross ton miles:						
Total gross ton miles '000	2,335,475	1,496,767	5,552,785	3,480,378	27,143,850	
Average gross ton miles per truck	1,459,700	880,500	544,400	504,400	448,200	
Revenue:						
Total revenue \$'000	46,279	35,222	107,648	123,223	818,919	
Revenue per ton mile ¢	4.2	5.5	4.3	8.1	6.3	
Revenue per mile (total mileage travelled) ¢	47.8	47.3	40.2	74.5	54.3	
Average revenue per truck \$	28,900	20,700	10,600	17,900	13,500	
Estimated annual population	1,600	1,700	10,200	6,900	60,567	

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	12,220	127,079	228,176	1.8	18.7	78,521	34.4	16,576
20,001-30,000 lb.	68,254	191,598	989,231	5.2	14.5	130,197	13.2	18,540
30,001-50,000 "	48,021	161,702	1,343,738	8.3	28.0	137,369	10.2	9,803
50,001 lb. and over	59,637	612,829	9,412,719	15.4	157.8	472,832	5.0	15,648
Totals	188,132	1,093,208	11,973,864	11.0	63.6	818,919	6.8	60,567

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	2,041	29,979	213,778	7.1	104.7	17,023	8.0
Food, feed, beverages and tobacco	16,724	194,021	2,174,580	11.2	130.0	111,805	5.1
Crude materials, inedible	91,709	102,071	1,258,089	12.3	13.7	76,987	6.1
Fabricated materials, inedible	35,032	196,472	3,040,277	15.5	86.8	163,249	5.4
End products, inedible	10,663	205,522	1,484,200	7.2	139.2	163,214	11.0
General freight	31,963	365,143	3,802,940	10.4	119.0	286,641	7.5
Totals	188,132	1,093,206	11,973,864	11.0	63.6	818,919	6.8

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	47,600	17,849	108,149	107,821	532,854	708,645	48,949	97,316	256,434	268,535	2,196,152
Average yearly mileage per truck	7,600	7,200	8,900	11,600	13,800	10,600	14,000	11,200	11,100	8,500	10,800
Average distance each ton was carried	16.0	16.4	24.3	26.2	32.5	39.1	48.3	30.2	40.8	44.0	35.1
Percentage of total mileage travelled empty	67.6	62.4	57.3	56.9	50.9	51.6	39.7	59.4	69.6	69.7	56.8
Fuel:											
Total gallons of gasoline consumed '000	4,561	1,518	11,055	10,864	54,369	73,297	5,439	9,351	21,020	21,851	213,325
Miles per gallon of gasoline	10.4	11.7	9.6	9.7	9.2	9.1	8.5	9.6	11.6	11.1	9.7
Total gallons of diesel oil consumed '000	61	—	285	331	5,580	6,447	409	1,012	890	4,468	19,463
Miles per gallon of diesel oil	4.5	—	7.0	6.4	6.0	6.4	5.8	6.5	5.9	5.4	6.0
Total gallons of other fuel consumed '000	—	2	15	26	—	265	61	172	999	185	1,725
Miles per gallon of other fuel	—	15.0	5.9	4.4	—	7.1	5.3	5.8	8.6	7.2	7.7
Weight of goods carried:											
Total tons of goods carried '000	2,637	860	7,533	5,927	38,736	42,551	2,283	6,359	4,151	11,065	122,102
Average weight carried ton	3.1	2.1	4.0	3.3	4.8	4.9	3.7	4.9	2.2	6.0	35.1
Net ton miles:											
Total net ton miles performed '000	47,423	14,410	182,683	155,105	1,259,958	1,665,406	109,197	192,204	169,257	487,370	4,283,013
Average net ton miles per truck	7,500	5,800	15,000	16,700	32,700	24,800	31,200	22,200	7,300	15,500	21,100
Capacity ton miles:											
Total capacity ton miles '000	144,170	41,964	493,765	455,216	3,265,628	4,172,664	259,563	509,267	586,764	1,194,726	11,123,747
Average capacity ton miles per truck	22,900	16,900	40,700	49,100	84,700	62,200	74,200	56,800	25,200	38,000	54,900
Percentage of capacity utilized	32.9	34.3	37.0	34.1	38.6	39.9	42.1	37.7	28.8	40.8	38.5
Gross ton miles:											
Total gross ton miles '000	180,614	54,820	570,816	539,971	3,376,014	4,912,205	323,801	617,527	854,848	1,531,944	12,962,560
Average gross ton miles per truck	28,700	22,000	47,000	58,300	87,500	73,200	92,500	71,300	36,800	48,700	64,000
Estimated annual population	6,287	2,489	12,141	9,262	36,566	67,084	3,500	8,657	23,248	31,477	202,711

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	5,516	382,654	177,447	.5	32.2	140,535
10,001-20,000 lb.	16,196	164,626	377,829	2.3	23.3	26,151
20,001-30,000 "	37,162	180,015	907,173	5.0	24.4	21,614
30,001-50,000 "	33,416	100,755	924,882	9.2	27.7	8,847
50,001 lb. and over	29,610	120,125	1,895,682	15.8	63.6	5,564
Totals	122,102	948,175	4,283,013	4.5	35.1	202,711

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	673	15,811	68,937	4.4	102.4
Food, feed, beverages and tobacco	17,291	303,442	1,058,858	3.5	61.2
Crude materials, inedible	54,411	105,854	997,531	9.4	18.3
Fabricated materials, inedible	37,168	170,421	1,446,110	8.5	38.9
End products, inedible	7,011	264,218	482,549	1.8	68.8
General freight	5,548	88,429	229,028	2.6	41.3
Totals	122,102	948,175	4,283,013	4.5	35.1

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	37,592	4,713	70,247	47,537	752,206	760,454	210,676	74,748	140,379	251,048	2,349,600
Average yearly mileage per truck.....	4,800	2,900	4,400	5,300	7,000	5,500	7,100	4,700	5,800	4,700	5,800
Average distance each ton was carried.....	4.9	5.7	5.6	7.4	9.2	9.2	11.1	7.0	9.1	8.1	8.9
Percentage of total mileage travelled empty.....	62.4	53.7	80.9	51.5	45.3	53.2	57.5	55.4	53.6	62.7	52.5
Fuel:											
Total gallons of gasoline consumed..... '000	3,270	400	6,446	4,547	69,010	71,662	20,231	7,195	12,663	22,236	217,660
Miles per gallon of gasoline	11.4	11.8	10.9	10.5	10.7	10.6	10.4	10.4	11.0	11.2	10.7
Total gallons of diesel oil consumed..... '000	69	—	41	1	2,277	641	260	24	202	75	3,590
Miles per gallon of diesel oil	6.3	—	4.9	5.7	5.0	5.8	4.8	4.3	5.5	5.7	5.2
Total gallons of other fuel consumed..... '000	—	—	—	—	—	—	—	—	—	146	146
Miles per gallon of other fuel	—	—	—	—	—	—	—	—	—	9.7	9.7
Weight of goods carried:											
Total tons of goods carried '000	4,421	244	8,046	4,920	68,798	71,660	18,169	10,213	13,013	20,159	219,643
Average weight carried..... ton	1.5	0.6	1.6	1.6	1.5	1.8	2.2	2.1	1.8	1.7	1.7
Net ton miles:											
Total net ton miles performed '000	21,642	1,389	44,928	36,352	630,669	655,984	201,096	71,657	117,964	162,602	1,944,283
Average net ton miles per truck.....	2,700	900	2,800	4,100	5,900	4,700	6,800	4,500	4,900	3,100	4,800
Capacity ton miles:											
Total capacity ton miles..... '000	80,488	6,169	151,279	130,536	2,182,992	2,026,038	625,329	203,839	366,176	604,001	6,376,847
Average capacity ton miles per truck	10,200	3,800	9,400	14,600	20,400	14,600	21,100	12,900	15,100	11,400	15,800
Percentage of capacity utilized.....	26.9	22.5	29.7	27.8	28.9	32.4	32.2	35.2	32.2	28.9	30.5
Gross ton miles:											
Total gross ton miles..... '000	111,052	10,077	217,667	170,431	2,663,522	2,712,147	808,290	273,341	479,251	804,790	8,250,568
Average gross ton miles per truck.....	14,100	6,300	13,600	19,100	24,900	19,500	27,300	17,300	19,800	15,200	20,500
Estimated annual population ..	7,899	1,608	16,064	8,940	107,034	138,989	29,600	15,843	24,252	52,863	403,092

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	2,697	6,599	16,902	18,741	112,666	235,951	84,267	233,939	282,120	44,094	1,037,976
Average yearly mileage per truck		4,000	2,800	4,100	3,500	2,900	3,300	2,400	2,700	3,600	3,500	3,100
Average distance each ton was carried		17.3	5.0	12.8	11.2	13.7	12.8	9.6	10.5	13.6	15.4	11.6
Percentage of total mileage travelled empty		43.8	67.3	66.1	54.9	64.7	69.7	63.5	69.3	61.2	65.8	65.7
Fuel:												
Total gallons of gasoline consumed	'000	205	490	1,377	1,583	8,675	17,199	7,301	19,532	21,572	3,530	81,464
Miles per gallon of gasoline		13.1	13.5	12.3	11.8	13.0	13.7	11.5	12.0	13.1	12.5	12.7
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	35	390	456	1,045	1,854	4,620	5,862	14,346	8,943	957	38,508
Average weight carried	ton	0.4	0.9	1.0	1.4	0.6	0.8	1.8	2.1	1.1	1.0	1.3
Net ton miles:												
Total net ton miles performed	'000	612	1,948	5,824	11,665	25,391	59,304	56,079	149,918	121,473	14,750	446,964
Average net ton miles per truck		900	800	1,400	2,200	700	800	1,600	1,700	1,600	1,200	1,300
Capacity ton miles:												
Total capacity ton miles	'000	3,425	8,101	27,116	39,820	130,699	299,186	192,016	574,120	451,229	73,790	1,799,502
Average capacity ton miles per truck ..		5,000	3,400	6,600	7,400	3,400	4,200	5,400	6,600	5,800	5,900	5,400
Percentage of capacity utilized		17.9	24.1	21.5	29.3	19.4	19.8	29.2	26.1	26.9	20.0	24.8
Gross ton miles:												
Total gross ton miles	'000	6,051	13,164	42,344	58,716	234,691	505,756	269,187	787,388	702,758	110,855	2,730,910
Average gross ton miles per truck		9,000	5,600	10,200	10,900	6,100	7,000	7,500	9,100	9,100	8,900	8,200
Estimated annual population		681	2,357	4,136	5,369	38,200	71,927	35,700	86,400	77,500	12,460	334,730

SECTION II. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC BY CANADIAN REGISTERED TRUCKS, 1963

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	—	43	5	—	—	—	—	—	51	99
Quebec	79	—	810	40	—	46	7	—	226	1,208
Ontario	6	916	—	119	19	93	10	—	347	1,510
Manitoba	—	38	186	—	178	118	7	—	8	535
Saskatchewan	—	4	4	256	—	68	2	—	7	341
Alberta	—	62	63	84	182	—	389	46	17	843
British Columbia	1	14	42	9	27	334	—	4	111	542
Yukon and Northwest Territories	—	—	—	—	—	6	4	—	—	10
United States	2	219	275	8	—	17	72	—	—	593
Totals	88	1,296	1,385	516	406	682	491	50	767	5,681
Private intercity										
'000 tons										
From:										
Atlantic Provinces	—	6	—	—	—	—	—	—	114	120
Quebec	7	—	311	—	—	—	—	—	191	509
Ontario	2	280	—	7	1	2	1	—	166	459
Manitoba	—	—	12	—	26	4	—	—	5	47
Saskatchewan	—	—	—	35	—	11	1	—	20	87
Alberta	—	—	1	3	11	—	84	2	70	151
British Columbia	—	—	3	1	4	43	—	85	69	205
Yukon and Northwest Territories	—	—	—	—	—	—	24	—	—	24
United States	29	139	293	12	12	—	16	—	—	501
Totals	36	425	620	58	54	60	106	87	635	2,083

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	203	4,763	22,151	4.7	109.1	2,448	11.1
30,001-50,000 lb.	597	23,086	175,540	7.6	294.0	18,537	10.6
50,001 lb. and over	4,884	174,192	2,838,775	16.3	581.2	99,474	3.5
Totals	5,684	202,041	3,036,466	15.0	534.2	120,459	4.0
	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	120	8,695	11,604	1.3			96.7
20,001-30,000 lb.	281	5,792	34,015	5.9			121.0
30,001-50,000 "	485	6,639	64,796	9.8			133.6
50,001 lb. and over	1,143	23,212	352,490	15.2			308.4
Totals	2,029	44,338	462,905	10.4			228.1

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	73	2,904	29,245	10.1	400.6	1,333	4.6
Food, feed, beverages and tobacco	1,072	48,075	771,175	16.0	719.4	21,043	2.7
Crude materials, inedible	397	5,715	99,012	17.3	249.4	2,785	2.8
Fabricated materials, inedible	1,645	31,710	549,889	17.3	334.3	19,386	3.5
End products, inedible	781	41,432	421,684	10.2	539.9	34,321	8.1
General freight	1,716	72,205	1,165,461	16.1	679.2	41,591	3.6
Totals	5,684	202,041	3,036,466	15.0	534.2	120,459	4.0
	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	30	1,445	20,224	14.0			674.1
Food, feed, beverages and tobacco	468	12,389	139,063	11.2			297.1
Crude materials, inedible	589	5,011	65,664	13.1			111.5
Fabricated materials, inedible	671	10,385	145,276	14.0			210.5
End products, inedible	206	12,207	63,215	5.2			300.8
General freight	65	2,901	29,463	10.2			452.4
Totals	2,029	44,338	462,905	10.4			228.1

Appendix I

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

Type of operation and gross vehicle weight	New-found-land ¹	Prince Edward Island ¹	Nova Scotia ¹	New Brunswick ¹	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
For hire:												
0- 5,000 lb.					37	643	249	—	—	222	101	1,252
5,001-10,000 "					10	2,417	788	—	94	377	597	4,283
10,001-15,000 "					156	1,930	1,141	41	44	255	373	3,940
15,001-20,000 "					304	2,681	2,263	162	63	1,058	570	7,101
20,001-30,000 "					553	4,551	7,021	264	319	3,981	1,851	18,540
30,001-50,000 "					341	2,620	2,860	319	475	1,921	1,267	9,803
50,001 lb. and over					366	2,958	6,278	814	705	2,386	2,141	15,648
Totals	233	146	759	629	1,767	17,800	20,600	1,600	1,700	10,200	6,900	60,567
Private:												
Intercity:												
0- 5,000 lb.					6,075	6,343	31,344	—	3,787	12,377	11,050	70,976
5,001-10,000 "					14,545	15,246	13,758	2,148	1,488	6,673	15,701	69,559
10,001-15,000 "					1,448	3,290	3,338	254	386	915	619	10,250
15,001-20,000 "					3,505	2,473	6,388	345	731	1,522	937	15,901
20,001-30,000 "					3,687	5,830	7,542	459	1,352	1,214	1,530	21,614
30,001-50,000 "					669	4,056	2,178	152	616	307	869	8,847
50,001 lb. and over					250	1,328	2,536	142	297	240	771	5,564
Totals	6,287	2,489	12,141	9,262	30,179	38,566	67,084	3,500	8,657	23,248	31,477	202,711
Urban:												
0- 5,000 lb.					1,991	30,594	81,215	5,448	9,205	13,942	22,627	171,022
5,001-10,000 "					20,097	49,435	31,090	16,725	3,381	4,789	21,029	146,546
10,001-15,000 "					2,015	7,224	7,634	1,492	785	955	2,229	22,334
15,001-20,000 "					2,302	6,403	8,621	2,928	871	2,082	2,523	25,730
20,001-30,000 "					1,836	7,313	6,486	1,574	885	1,414	3,020	22,528
30,001-50,000 "					270	6,065	3,943	1,433	716	1,070	1,435	14,932
50,001 lb. and over					—	—	—	—	—	—	—	—
Totals	7,899	1,608	16,064	8,940	34,511	107,034	138,989	29,600	15,843	24,252	52,863	403,092
Farm:												
0- 5,000 lb.					2,400	17,445	53,170	1,868	17,748	37,292	4,736	134,659
5,001-10,000 "					8,598	18,639	15,544	25,333	35,988	21,574	6,122	131,798
10,001-15,000 "					900	1,574	1,443	4,177	11,868	3,673	495	24,130
15,001-20,000 "					493	525	1,243	3,321	12,234	11,962	648	30,426
20,001-30,000 "					152	17	523	872	8,285	2,923	439	13,211
30,001-50,000 "					—	—	4	129	277	76	20	506
50,001 lb. and over					—	—	—	—	—	—	—	—
Totals	681	2,357	4,138	5,369	12,543	38,200	71,927	35,700	86,400	77,500	12,460	334,730
All trucks:												
0- 5,000 lb.					16,503	55,025	165,978	7,316	30,740	63,833	38,514	377,909
5,001-10,000 "					43,250	85,737	61,180	44,206	40,951	33,413	43,449	352,186
10,001-15,000 "					4,519	14,018	13,556	5,964	13,083	5,798	3,716	60,654
15,001-20,000 "					6,604	12,082	18,515	6,756	13,899	16,624	4,678	79,158
20,001-30,000 "					6,228	17,711	21,572	3,169	10,841	9,532	6,840	75,893
30,001-50,000 "					1,280	12,741	8,985	2,033	2,084	3,374	3,591	34,088
50,001 lb. and over					616	4,286	8,814	956	1,002	2,626	2,912	21,212
Totals	15,100	6,600	33,100	24,200	79,000	201,600	298,600	70,400	112,600	135,200	103,700	1,001,100

¹ Population estimates by gross vehicle weight group are not considered sufficiently reliable; therefore, totals only are shown.

Appendix II

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

	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	
	per cent					
Gasoline: ¹						
For hire	1.5	1.8	2.1	2.1	8.1	
Private: Intercity	41.5	37.6	36.5	38.1	18.6	
Urban	52.0	24.4	46.4	36.9	52.4	
Farm	4.5	35.7	12.5	22.2	19.0	
Totals	99.5	99.5	99.5	99.3	98.1	
Diesel:						
For hire	2	0.4	0.2	0.5	0.8	
Private: Intercity	0.2	—	0.2	0.2	0.5	
Urban	0.3	—	0.1	2	0.6	
Farm	—	—	—	—	—	
Totals	0.5	0.4	0.5	0.7	1.9	
Other fuel:						
For hire	—	—	—	—	—	
Private: Intercity	—	0.1	2	2	—	
Urban	—	—	—	—	2	
Farm	—	—	—	—	—	
Totals	—	0.1	2	2	2	
All types:						
For hire	1.6	2.2	2.3	2.6	8.8	
Private: Intercity	41.6	37.7	36.7	38.3	19.1	
Urban	52.3	24.4	46.5	36.9	53.1	
Farm	4.5	35.7	12.5	22.2	19.0	
Totals	100.0	100.0	100.0	100.0	100.0	
Estimated truck population	15,100	6,600	33,100	24,200	201,600	
	Ontario	Mani-toba	Saskat-chewan	Alberta	British Columbia	Canada
	per cent					
Gasoline: ¹						
For hire	6.0	1.5	1.1	6.2	5.3	5.2
Private: Intercity	22.1	4.9	7.5	16.8	29.7	19.9
Urban	46.5	42.0	14.1	17.9	50.8	40.1
Farm	24.1	50.7	76.7	57.3	12.0	33.4
Totals	98.7	99.1	99.4	98.2	97.8	98.6
Diesel:						
For hire	0.9	0.7	0.4	1.3	1.3	0.8
Private: Intercity	0.3	0.1	0.2	0.1	0.5	0.3
Urban	0.1	0.1	2	—	0.1	0.2
Farm	—	—	—	—	—	—
Totals	1.3	0.9	0.6	1.4	1.9	1.3
Other fuel:						
For hire	2	2	2	0.1	—	2
Private: Intercity	2	2	2	0.3	0.1	0.1
Urban	2	—	—	—	0.2	2
Farm	—	—	—	—	—	—
Totals	2	2	2	0.4	0.3	0.1
All types:						
For hire	6.9	2.3	1.5	7.6	6.6	6.1
Private: Intercity	22.5	5.0	7.7	17.2	30.4	20.2
Urban	46.5	42.0	14.1	17.9	51.0	40.3
Farm	24.1	50.7	78.7	57.3	12.0	33.4
Totals	100.0	100.0	100.0	100.0	100.0	100.0
Estimated truck population	298,600	70,400	112,600	135,200	103,700	1,001,100

¹ Includes an insignificant number of power units burning liquified petroleum gases.² Less than .05 percent (included in gasoline).

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	67.3	70.0	63.5	58.4	58.6	63.0	55.5	49.5	61.4	68.9	60.4	605,422
Metro	0.4	1.0	1.1	0.6	2.9	1.2	1.0	0.3	0.6	1.6	1.4	13,614
Van	5.1	3.1	8.0	7.6	4.5	9.8	5.1	2.0	4.5	8.4	6.5	64,612
Platform, stake, flatdeck	13.7	10.5	8.8	14.2	7.4	13.6	6.6	2.7	5.6	8.6	8.8	87,855
Mixer	0.4	—	0.2	¹	0.5	0.5	0.5	0.2	0.5	0.5	0.5	4,609
Dump	5.7	3.3	5.4	5.2	4.8	4.6	4.4	2.4	3.1	2.6	4.0	40,226
Tank	2.4	2.4	2.4	3.3	2.8	2.1	2.1	2.1	2.0	1.8	2.2	22,240
Box	2.7	4.6	3.4	5.3	7.3	0.7	21.3	34.3	16.9	1.1	9.7	97,338
Bulk carrier	0.1	¹	0.3	0.3	0.2	0.2	0.2	0.1	0.4	0.5	0.3	2,736
Mechanically refrigerated	0.4	0.3	0.8	0.6	0.4	0.5	0.3	0.2	0.4	0.7	0.5	4,584
Other	0.6	0.2	1.5	1.5	1.0	1.4	0.3	0.6	1.2	1.2	1.0	10,810
Not stated	1.2	4.6	4.6	3.0	9.6	2.4	2.7	5.6	4.0	4.1	4.7	47,054
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	15,100	6,600	33,100	24,200	201,600	298,600	70,400	112,600	135,200	103,700		1,001,100
	Trucks											
Pickup, express, panel, sedan delivery, jeep, utility	67.3	70.0	64.6	59.6	60.8	66.1	57.1	50.5	63.5	71.5	62.7	605,205
Metro	0.4	1.0	1.1	0.6	3.0	1.3	1.0	0.3	0.6	1.7	1.4	13,614
Van	5.1	3.1	7.8	7.4	4.2	9.4	4.6	1.6	3.9	8.2	6.0	58,365
Platform, stake, flatdeck	13.7	10.5	8.7	14.0	7.0	13.2	6.3	2.4	4.6	7.9	8.4	81,087
Mixer	0.4	—	0.2	¹	0.2	0.6	0.4	0.2	0.5	0.6	0.4	3,843
Dump	5.7	3.3	5.5	5.3	4.6	4.6	4.4	2.4	3.1	2.7	4.0	38,344
Tank	2.4	2.4	2.2	2.9	2.4	1.7	1.8	1.8	1.7	1.6	1.9	18,757
Box	2.7	4.6	3.4	5.4	7.5	0.7	21.8	34.9	17.4	1.1	10.0	96,961
Bulk carrier	0.1	¹	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	1,329
Mechanically refrigerated	0.4	0.3	0.8	0.6	0.4	0.4	0.2	0.1	0.2	0.5	0.4	3,465
Other	0.6	0.2	1.1	1.4	0.9	0.9	0.2	0.3	0.8	0.7	0.8	7,225
Not stated	1.2	4.6	4.4	2.7	8.8	1.0	2.1	5.4	3.5	3.3	3.9	37,741
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	15,100	6,600	32,523	23,705	193,942	284,401	68,529	110,411	130,908	99,817		965,936
	Tractor-trailer combinations											
Express utility			—	—	1.2	0.7	0.2	—	0.2	0.2	0.6	217
Van			24.3	19.8	13.2	18.2	23.6	21.7	22.2	14.1	17.8	6,247
Platform, stake, flatdeck			13.3	19.4	17.6	20.0	16.4	18.6	16.7	25.0	19.2	6,768
Dump			1.7	2.0	10.7	5.2	4.1	2.3	2.8	1.4	5.4	1,882
Tank			16.6	17.6	10.5	8.7	10.2	14.0	11.6	7.0	9.9	3,483
Box			3.0	3.8	1.0	0.7	2.6	3.3	0.5	0.6	1.1	377
Pole or logging			2.3	0.6	0.4	0.8	0.4	0.4	0.5	8.7	1.5	530
Lowbed	²	²	15.1	4.4	1.4	3.1	4.6	5.0	5.0	4.4	3.5	1,235
Auto carrier			2.6	6.5	1.2	5.4	2.6	4.3	4.1	2.2	3.7	1,311
Bulk carrier			4.3	8.5	2.1	2.5	3.6	4.1	8.5	7.7	4.0	1,407
Mechanically refrigerated			2.8	1.2	1.5	2.1	5.5	3.5	7.7	4.4	3.2	1,119
Other			0.7	0.6	9.0	1.5	1.2	7.1	3.6	0.9	3.6	1,275
Not stated			13.3	15.8	30.2	31.1	25.0	15.7	16.6	23.4	26.5	9,313
Totals			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Estimated population of tractors			577	495	7,658	14,199	1,871	2,189	4,292	3,883		35,164

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 Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British ¹ Columbia	Canada ²	No.
	per cent											No.
Prior to 1951	1.2	3.7	8.3	8.9	5.7	11.4	21.7	26.6	15.6	—	13.1	117,230
1951	1.4	4.0	2.6	2.5	4.2	4.0	7.0	7.7	5.9	—	4.9	43,833
1952	2.1	5.3	4.5	4.3	5.0	5.5	6.2	14.3	6.7	—	6.6	59,290
1953	3.3	9.5	4.7	4.0	3.7	5.0	6.1	8.4	6.6	—	5.4	48,715
1954	6.2	3.7	3.4	4.0	4.1	4.7	3.8	2.7	3.8	—	4.1	36,431
1955	6.3	4.0	5.8	6.3	5.2	6.4	3.8	2.3	4.8	—	5.1	46,091
1956	8.1	5.7	7.4	8.3	7.6	8.5	5.2	5.2	6.6	—	7.3	65,098
1957	7.1	7.2	7.8	8.3	8.3	6.9	5.6	4.5	5.8	—	6.7	60,372
1958	7.9	8.6	7.6	4.6	7.5	7.1	7.5	4.1	6.2	—	6.7	60,000
1959	13.2	10.4	8.9	7.2	9.5	9.2	8.3	6.0	6.7	—	8.4	75,556
1960	10.4	14.4	10.5	11.6	10.4	9.5	9.3	5.9	9.3	—	9.3	83,853
1961	12.8	8.4	10.9	12.0	10.3	7.7	4.9	5.1	7.3	—	8.0	71,712
1962	12.1	10.0	11.7	13.0	14.5	9.1	6.8	5.2	9.7	—	10.0	89,610
1963	6.6	5.1	5.9	4.5	3.8	5.0	3.1	1.5	5.0	—	4.2	37,758
Not stated	1.3	—	'	0.5	0.2	'	0.7	0.5	'	—	0.2	1,851
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	
Estimated population	15,100	6,600	33,100	24,200	201,600	298,600	70,400	112,600	135,200	—		897,400

¹ Year of manufacture not available.² Excludes British Columbia.³ Less than .05 per cent.

Appendix V

Private Intercity and Urban Truck Population by Industry and Province

Industry	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	No.
	per cent											No.
Forestry	3.7	2.4	2.9	5.9	1.4	0.7	0.1	0.4	0.3	2.6	1.4	8,506
Fishing	2.5	8.2	2.3	2.3	0.2	0.3	0.3	—	¹	0.4	0.5	3,238
Mining	0.5	0.4	1.1	0.4	0.3	0.2	0.5	¹	0.5	0.4	0.3	2,004
Manufacturing	2.5	1.1	2.7	2.9	6.2	4.5	2.9	2.8	3.3	3.1	4.3	25,958
Construction	5.5	5.3	6.0	8.2	8.7	8.7	11.1	9.0	11.0	7.7	8.6	52,281
Utilities	4.3	1.5	3.7	3.1	4.2	3.9	5.2	5.3	5.6	3.8	4.2	25,314
Wholesale trade	10.5	10.4	9.9	12.4	12.8	11.1	12.8	8.0	10.6	7.3	10.9	66,014
Retail trade	12.2	19.5	14.2	9.7	22.6	16.7	16.9	22.9	13.2	10.5	16.8	101,994
Services	5.7	8.5	8.3	9.0	14.6	18.5	13.8	13.9	16.3	12.0	14.9	90,272
Other (including personal transportation)	45.3	36.1	41.2	37.4	24.0	31.2	26.0	30.4	34.4	47.1	32.8	198,311
Not stated	7.3	6.6	7.7	8.7	5.0	4.2	8.4	7.3	4.6	5.1	5.3	31,931
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	14,186	4,097	28,205	18,202	145,600	206,073	33,100	24,500	47,500	84,340		605,803

¹ Less than .05 per cent.

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	306	128	646	524	4,570	9,804	768	909	5,052	2,325	25,032
Private:											
Intercity	2,493	864	3,047	1,931	5,385	10,833	611	1,947	2,227	3,411	32,749
Urban	2,502	369	1,996	1,845	9,677	12,135	3,970	1,879	2,847	4,945	42,165
Farm	82	498	404	550	1,156	2,375	1,660	3,756	3,784	1,021	15,286
Totals	5,383	1,859	6,083	4,850	20,788	35,147	7,009	8,491	13,910	11,702	114,232
Number of questionnaires returned completed											
For hire	105	19	221	181	2,220	4,355	450	457	1,403	1,161	10,572
Private:											
Intercity	843	176	1,053	596	2,149	4,667	334	632	917	1,273	12,640
Urban	866	73	703	564	3,854	5,101	1,327	635	922	1,811	15,856
Farm	29	104	148	134	372	966	377	723	885	371	4,109
Totals	1,843	372	2,125	1,475	8,595	15,089	2,488	2,447	4,127	4,616	43,177
Number of sampled trucks reported not in use during survey week											
For hire	98	48	191	121	774	2,222	107	170	1,280	467	5,478
Private:											
Intercity	798	236	857	563	1,449	2,741	136	540	690	946	8,958
Urban	784	98	523	521	2,545	3,136	1,050	508	849	1,443	11,457
Farm	22	133	96	150	316	623	602	1,392	1,248	299	4,881
Totals	1,702	515	1,667	1,355	5,064	8,722	1,695	2,610	4,067	3,157	30,774
Number of questionnaires not returned or returned incomplete or unusable											
For hire	103	61	234	222	1,576	3,227	211	282	2,369	697	8,982
Private:											
Intercity	852	452	1,137	772	1,787	3,425	141	775	620	1,190	11,151
Urban	852	198	770	760	3,278	3,898	1,593	736	1,076	1,691	14,652
Farm	31	261	160	266	468	786	661	1,641	1,651	351	6,296
Totals	1,838	972	2,301	2,020	7,109	11,336	2,626	3,434	5,716	3,929	41,281

Appendix VII
Commodity Classification

Live animals:

Cattle
 Live animals, n.e.s.¹

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.

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.
 Sand and gravel

Crude materials, inedible - Concluded:

Stone, crude
 Crude non-metallic minerals, except coal and petroleum, n.e.s.
 Crude materials, inedible, 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.

End products, inedible:

Machinery
 Passenger automobiles and chassis
 Motor vehicle engines, accessories, parts and assemblies
 End products, inedible, n.e.s.

General freight¹ 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 services.

Ontario:

Public Commercial Vehicles (PCV) — operated for compensation outside urban areas (rural and intercity routes).

Manitoba:

Public Service Vehicles (PSV) — 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.
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I. GENERAL QUESTIONS TO BE ANSWERED BY EVERYONE

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

- ☐ (a) as a common carrier
☐ (b) as a contract carrier } for revenue earning purposes?
☐ (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? ☐ 1 Newfoundland ☐ 5 Quebec ☐ 9 Alberta
- ☐ 2 Prince Edward Island ☐ 6 Ontario ☐ 10 British Columbia
- ☐ 3 Nova Scotia ☐ 7 Manitoba ☐ 11 Yukon
- ☐ 4 New Brunswick ☐ 8 Saskatchewan ☐ 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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