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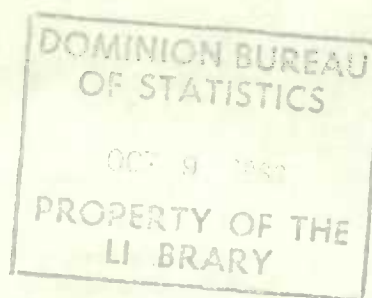
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MOTOR TRANSPORT TRAFFIC
NATIONAL ESTIMATES
1960



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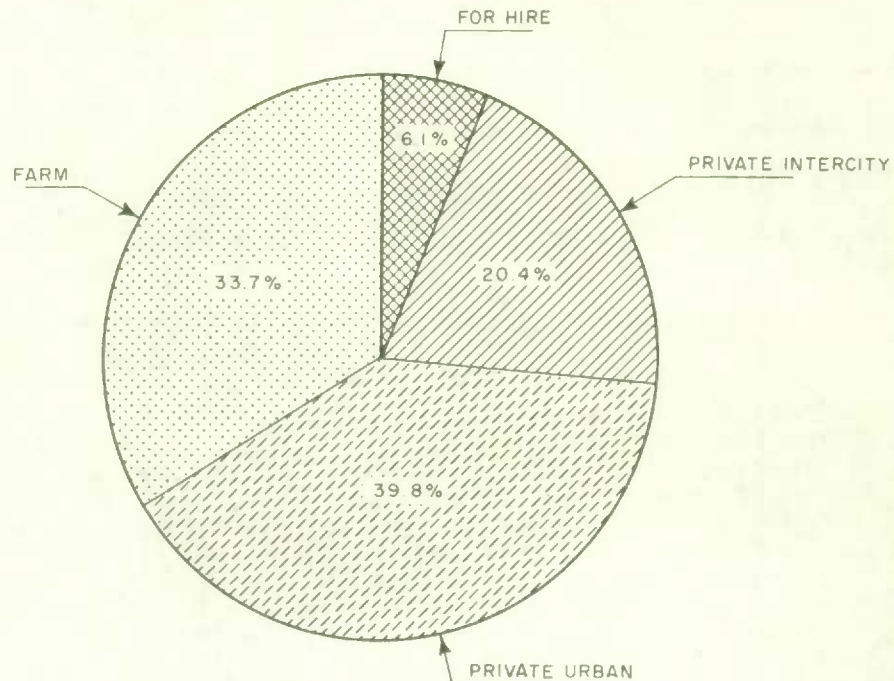
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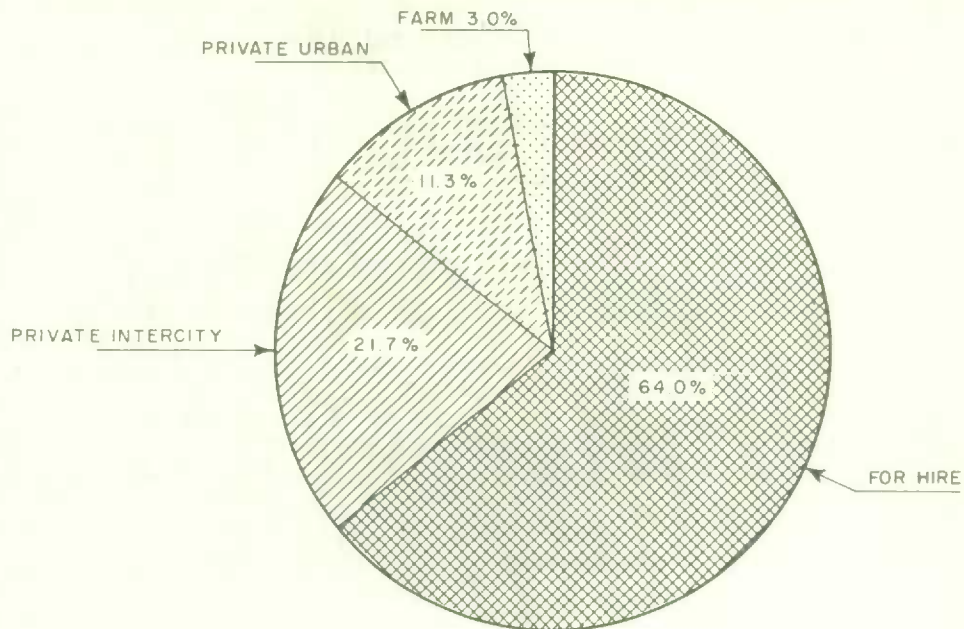
MOTOR TRANSPORT TRAFFIC NATIONAL ESTIMATES 1960

CHART-1 TRUCK REGISTRATIONS BY TYPE OF OPERATION



Source: Appendix I.

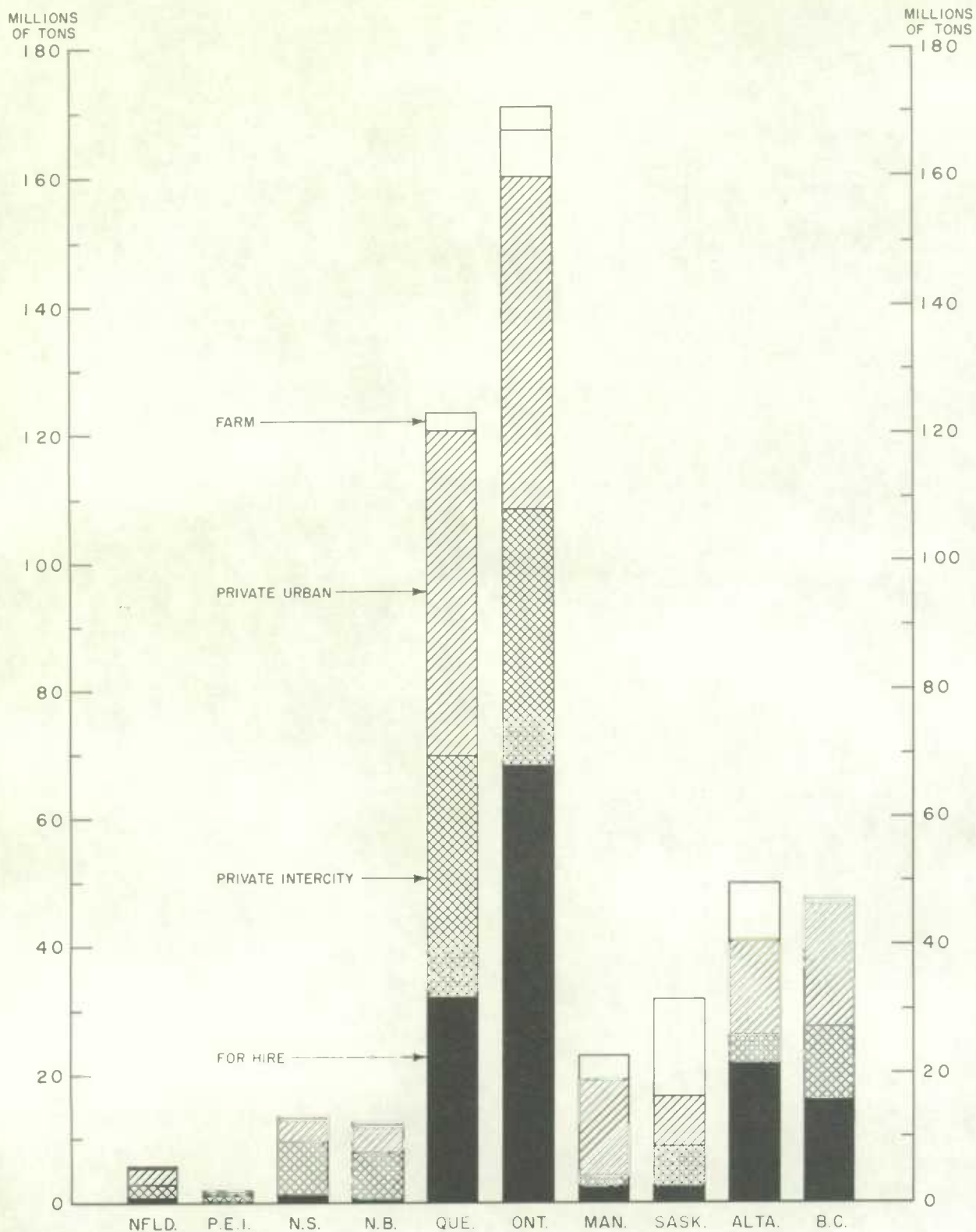
CHART-2 NET TON MILES BY TYPE OF OPERATION



Source: Section I, Table I.

CHART - 3

TONS CARRIED BY TYPE OF OPERATION



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 1960. Truck transport statistics published in provincial and regional reports for 1960 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 its 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 for the first time which provides a comparison of principal statistics by function of carrier for the years 1958, 1959 and 1960. 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.

Sample Selection

The 1960 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 1 for 1960 population estimates and Appendix IV 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 national 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.

In Ontario a further improvement has been made for 1960. The actual number of all P.C.V. registered trucks and tractors by gross vehicle weight was

made available for the 1959 registration year so this population was used for the for hire segment of the 1960 Ontario truck population.

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. As there is a tendency for increasing freedom of interprovincial movement under reciprocal licensing arrangements, the amount of duplication that is due to multiple licensing may be expected to diminish over the years. A summary of reciprocal highway agreements for trucking, current at December 31, 1961, appears

In the Dominion Bureau of Statistics publication: "The Motor Vehicle 1961, Part I, Rates and Regulations", catalogue no. 53-217.

In Section II, duplication is avoided by taking only 50 per cent of interprovincial operations reported by each operator. As reciprocity of licensing arrangements increases, it will be necessary to reduce data collected on these operations by some proportion less than fifty per cent.

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 licences 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 IV, 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 1960 appears in Appendix V.

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, 1958 and 1959.

Review of Survey Results

The estimated population of trucks and road tractors performing transportation services in Canada during the year rose 2.4 per cent to 909,400 from 888,475 in 1959. Of these 55,016 or 6.1 per cent were for hire vehicles; 185,919 or 20.4 per cent were private intercity vehicles; 361,845 or 39.8 per

cent were private vehicles operating wholly within urban areas; and 306,620 or 33.7 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 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 transport trucks and road tractors decreased by 2.4 per cent to 6,278 million in 1960 from 6,432 million in 1959 and the average mileage per truck declined to 6,900 miles from 7,200 in the previous year. The average distance each ton of goods was carried decreased to 32.6 miles from 34.4 and the proportion of empty miles was constant at one half.

Gasoline consumption increased by 0.4 per cent to 609,432,000 gallons in 1960 from 606,997,000 gallons in 1959 while diesel fuel consumption decreased 3.3 per cent to 76,776,000 gallons in 1960 from 79,361,000 gallons in the previous year.

The total weight of goods carried by all trucks increased slightly between the two years to 478,702,000 tons from 463,767,000 tons and the average weight carried remained at 5.0 tons. Total net ton miles decreased by 2.1 per cent to 15,602,184,000 from 15,937,533,000 in 1959, and the average net ton miles per truck declined by 4 per cent.

Trucks with a gross vehicle weight of 20,001 lb. and over comprised approximately one tenth of the total truck population in 1960. However these

vehicles had an average yearly mileage of almost 19,000 miles, an average load of 10.3 tons and travelled empty only 31.6 per cent of the time. Consequently these heavier trucks performed 86.3 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 64.0 per cent of truck transport net ton miles. For hire vehicles carried an average load of 10.1 tons compared with an average of 5.0 tons for trucks of all types and transported each ton an average distance of 68.9 miles as against 32.6 miles for all four categories of 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 from or to points outside the survey province. 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 4,320,000 tons of goods, of which 35 per cent were transported between the provinces of Quebec and Ontario. Private intercity trucks transported 1,627,000 tons of goods between provinces, of which 31 per cent was moved between Quebec and Ontario.

Appendix II

During 1960, survey questionnaires were mailed to the owners or operators of 102,821 motor vehicles. Of this number 42,148 were returned completed and 29,780 trucks were reported not used during the

survey week. The remaining 30,893 were either returned incomplete and unusable or not returned at all.

June 26, 1962.

Comparative summary of total traffic of all trucks by type of operation, 1958-60

	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			'000	'000	'000	'000	tons
For hire:									
1958	50,503	1,299,274	66.4	27.5	164,062	42,368	163	140,405	9.9
1959	54,495	1,380,390	72.6	25.6	159,504	68,777	154	145,413	10.3
1960	55,016	1,348,359	68.9	26.4	160,823	65,390	238	144,912	10.1
Private intercity:									
1958	205,623	2,205,415	31.3	54.5	217,633	7,135	480	137,907	4.3
1959	211,315	2,214,127	25.4	59.3	204,747	9,351	444	136,883	3.9
1960	185,919	1,861,885	28.2	57.1	182,396	10,021	598	120,287	4.2
Private urban:									
1958	309,628	2,090,989	10.3	49.9	187,373	592	—	152,585	1.5
1959	317,782	1,947,205	10.0	49.5	173,709	1,233	—	154,628	1.6
1960	361,845	2,104,531	9.9	51.9	190,230	1,365	—	176,967	1.7
Farm:									
1958	297,021	1,020,334	15.1	70.0	80,465	—	—	29,416	1.5
1959	304,883	890,368	13.8	67.5	69,037	—	—	26,843	1.3
1960	306,620	963,336	12.9	66.0	75,983	—	—	36,536	1.4
All trucks:									
1958	862,775	6,616,012	34.0	50.1	649,533	50,095	643	460,313	4.7
1959	888,475	6,432,090	34.4	50.2	606,997	79,361	598	463,767	5.0
1960	909,400	6,278,111	32.6	50.1	609,432	76,776	836	478,702	5.0
		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:									
1958		9,326,756	184,700	17,592,837	53.0	18,760,149	630,999	6.8	12,500
1959		10,553,130	193,700	18,291,058	57.7	21,447,166	679,600	6.4	12,500
1960		9,984,777	181,500	17,576,454	56.8	22,426,938	657,862	6.6	12,000
Private intercity:									
1958		4,309,895	21,000	10,441,695	41.3	11,747,997	—	—	—
1959		3,472,685	16,400	9,047,371	38.4	10,864,735	—	—	—
1960		3,386,830	18,200	8,474,129	40.0	10,145,099	—	—	—
Private urban:									
1958		1,565,335	5,100	4,913,050	31.9	6,721,037	—	—	—
1959		1,540,177	4,800	4,584,913	33.6	6,369,107	—	—	—
1960		1,759,002	4,900	5,113,859	34.4	7,111,042	—	—	—
Farm:									
1958		443,297	1,500	1,838,072	24.1	2,688,876	—	—	—
1959		371,541	1,200	1,556,886	23.9	2,298,390	—	—	—
1960		471,575	1,500	1,737,333	27.1	2,619,522	—	—	—
All trucks:									
1958		15,645,283	18,100	34,785,654	45.0	39,918,059	—	—	—
1959		15,937,533	17,900	33,480,228	47.6	40,979,396	—	—	—
1960		15,602,184	17,200	32,901,775	47.4	42,302,601	—	—	—

SECTION 1. TOTAL TRUCK TRAFFIC BY CANADIAN REGISTERED TRUCKS, 1960

TABLE 1. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	1,348,359	1,861,885	2,104,531	963,336	6,278,111
Average yearly mileage per truck		24,500	10,000	5,800	3,100	6,900
Average distance each ton was carried		68.9	28.2	9.9	12.9	32.6
Percentage of total mileage travelled empty		26.4	57.1	51.9	66.0	50.1
Fuel:						
Total gallons of gasoline consumed	'000	160,823	182,396	190,230	75,983	609,432
Miles per gallon of gasoline		6.0	9.9	11.0	12.7	9.6
Total gallons of diesel oil consumed	'000	65,390	10,021	1,365	—	76,776
Miles per gallon of diesel oil		5.8	6.1	5.8	—	5.9
Total gallons of other fuel consumed	'000	238	598	—	—	836
Miles per gallon of other fuel		6.5	6.4	—	—	6.4
Weight of goods carried:						
Total tons of goods carried	'000	144,912	120,287	176,967	36,536	478,702
Average weight carried ¹	ton	10.1	4.2	1.7	1.4	5.0
Net ton miles:						
Total net ton miles performed	'000	9,984,777	3,386,830	1,759,002	471,575	15,602,184
Average net ton miles per truck		181,500	18,200	4,900	1,500	17,200
Capacity ton miles:						
Total capacity ton miles ²	'000	17,576,454	8,474,129	5,113,859	1,737,333	32,901,775
Average capacity ton miles per truck		319,500	45,600	14,100	4,800	36,200
Percentage of capacity utilized		56.8	40.0	34.4	27.1	47.4
Gross ton miles:						
Total gross ton miles ³	'000	22,426,938	10,145,099	7,111,042	2,619,522	42,302,601
Average gross ton miles per truck		407,600	54,600	19,700	7,300	46,500
Revenue:						
Total revenue	\$'000	657,862	—	—	—	—
Revenue per ton mile	¢	6.6	—	—	—	—
Revenue per mile (total mileage travelled)	¢	48.8	—	—	—	—
Average revenue per truck	\$	12,000	—	—	—	—
Estimated annual population		55,016	185,919	361,845	306,620	909,400

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	1,855,387	1,730,680	326,765	451,907	683,249	645,125	584,998
Average yearly mileage per truck		5,200	5,600	5,400	5,900	11,300	21,500	46,400
Average distance each ton was carried		15.7	17.6	13.8	15.1	13.9	33.4	155.0
Percentage of total mileage travelled empty		71.3	54.4	34.7	36.2	39.9	32.1	21.4
Fuel:								
Total gallons of gasoline consumed	'000	124,054	143,496	34,623	56,964	96,474	95,865	57,956
Miles per gallon of gasoline		15.0	12.1	9.4	7.9	7.0	5.2	4.8
Total gallons of diesel oil consumed	'000	—	—	—	—	—	23,582	53,194
Miles per gallons of diesel oil		—	—	—	—	—	6.0	5.8
Total gallons of other fuel consumed	'000	—	—	—	—	615	191	30
Miles per gallon of other fuel		—	—	—	—	6.6	6.1	5.7
Weight of goods carried:								
Total tons of goods carried	'000	10,698	32,174	30,257	65,469	162,615	134,175	43,314
Average weight carried ¹	ton	0.3	0.7	2.0	3.4	5.5	10.3	14.6
Net ton miles:								
Total net ton miles performed	'000	168,164	564,789	418,392	987,425	2,262,947	4,488,152	6,712,315
Average net ton miles per truck		500	1,800	6,900	12,900	37,500	149,300	532,300
Capacity ton miles:								
Total capacity ton miles ¹	'000	1,505,387	2,406,040	1,115,807	2,470,014	5,484,729	8,978,300	10,941,498
Average capacity ton miles per truck		4,200	7,800	18,400	32,200	90,900	298,600	867,800
Percentage of capacity utilized		11.2	23.5	37.5	40.0	41.3	50.0	61.3
Gross ton miles:								
Total gross ton miles ¹	'000	3,125,494	4,258,159	1,527,571	2,799,767	5,568,304	10,416,060	14,587,246
Average gross ton miles per truck		8,700	13,700	25,200	36,500	92,700	346,400	1,156,900
Estimated annual population		359,371	309,762	60,583	76,692	60,315	30,068	12,609

See footnotes at end of Table 11, page 17.

TABLE 3. All Trucks by Province

		Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Mileage:							
Total mileage travelled	'000	65,039	29,337	188,993	164,702	1,455,258	2,131,457
Average yearly mileage per truck		5,900	4,700	5,900	7,200	8,800	7,500
Average distance each ton was carried		8.0	17.6	17.8	21.5	27.7	34.7
Percentage of total mileage travelled empty		64.4	67.0	60.3	54.8	43.0	49.4
Fuel:							
Total gallons of gasoline consumed	'000	5,375	2,453	17,831	16,631	139,992	224,645
Miles per gallon of gasoline		12.1	12.0	10.5	9.7	9.6	9.0
Total gallons of diesel oil consumed	'000	—	—	242	479	18,154	20,048
Miles per gallon of diesel oil		—	—	6.5	6.1	6.0	5.9
Total gallons of other fuel consumed	'000	—	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried	'000	5,527	1,712	13,222	12,291	123,415	170,972
Average weight carried	ton	1.9	3.1	3.1	3.6	4.1	5.5
Net ton miles:							
Total net ton miles performed	'000	44,298	30,057	235,741	264,366	3,416,093	5,927,518
Average net ton miles per truck		4,000	4,800	7,400	11,600	20,600	21,000
Capacity ton miles:							
Total capacity ton miles ¹	'000	137,051	77,880	614,373	683,206	7,350,508	12,527,348
Average capacity ton miles per truck		12,300	12,400	19,300	30,000	44,400	44,300
Percentage of capacity utilized		32.3	38.6	38.4	38.7	46.5	47.3
Gross ton miles:							
Total gross ton miles ¹	'000	194,895	100,464	812,634	851,112	8,928,243	15,884,101
Average gross ton miles per truck		17,600	15,900	25,600	37,300	53,900	56,200
Estimated annual population		11,100	6,300	31,800	22,800	165,500	282,500
		Manitoba	Saskatchewan	Alberta	British Columbia	Canada	
Mileage:							
Total mileage travelled	'000	370,597	445,707	808,461	618,560	6,278,111	
Average yearly mileage per truck		6,100	4,300	6,500	6,200	6,900	
Average distance each ton was carried		45.7	24.7	50.2	28.7	32.6	
Percentage of total mileage travelled empty		47.9	57.0	52.4	56.4	50.1	
Fuel:							
Total gallons of gasoline consumed	'000	34,457	42,371	70,850	54,827	609,432	
Miles per gallon of gasoline		9.6	10.1	9.8	10.3	9.6	
Total gallons of diesel oil consumed	'000	7,307	2,848	18,386	9,312	76,776	
Miles per gallon of diesel oil		5.5	6.1	5.9	5.8	5.9	
Total gallons of other fuel consumed	'000	—	—	619	217	836	
Miles per gallon of other fuel		—	—	6.4	6.3	6.4	
Weight of goods carried:							
Total tons of goods carried	'000	22,887	31,656	49,752	47,268	478,702	
Average weight carried	ton	5.4	4.1	6.5	5.0	5.0	
Net ton miles:							
Total net ton miles performed	'000	1,045,843	782,877	2,497,662	1,357,729	15,602,184	
Average net ton miles per truck		17,300	7,500	20,100	13,600	17,200	
Capacity ton miles:							
Total capacity ton miles ²	'000	1,989,970	1,924,764	4,657,057	2,939,618	32,901,775	
Average capacity ton miles per truck		32,900	18,400	37,400	29,400	36,200	
Percentage of capacity utilized		52.6	40.7	53.6	46.2	47.4	
Gross ton miles:							
Total gross ton miles ³	'000	2,797,263	2,516,205	6,460,372	3,757,312	42,302,601	
Average gross ton miles per truck		46,200	24,100	51,900	37,600	46,500	
Estimated annual population		60,500	104,400	124,500	100,000	909,400	

See footnotes at end of Table 11, page 17.

TABLE 4. For Hire Trucks by Province

	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Mileage:						
Total mileage travelled	'000 2,427	900	13,326	12,209	288,721	526,272
Average yearly mileage per truck	5,300	8,400	13,400	23,600	21,100	25,400
Average distance each ton was carried	7.4	109.6	49.2	146.8	58.8	57.8
Percentage of total mileage travelled empty	37.8	32.1	28.8	29.9	21.5	28.0
Fuel:						
Total gallons of gasoline consumed	'000 290	133	1,770	1,651	30,567	75,577
Miles per gallon of gasoline	8.4	6.8	6.6	5.6	6.7	5.7
Total gallons of diesel oil consumed	'000 —	—	242	479	13,909	16,616
Miles per gallon of diesel oil	—	—	6.5	6.1	5.9	5.8
Total gallons of other fuel consumed	'000 —	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000 733	37	1,313	548	31,954	68,161
Average weight carried ¹	ton 3.6	6.5	6.8	9.4	8.3	10.4
Net ton miles:						
Total net ton miles performed	'000 5,437	3,978	64,554	80,376	1,879,817	3,937,873
Average net ton miles per truck	12,000	37,200	64,700	155,500	137,200	189,900
Capacity ton miles:						
Total capacity ton miles ²	'000 12,071	8,076	121,426	156,858	3,335,339	7,277,536
Average capacity ton miles per truck	26,600	75,500	121,800	303,400	243,500	350,900
Percentage of capacity utilized	45.0	49.2	53.2	51.2	56.4	54.1
Gross ton miles:						
Total gross ton miles ³	'000 14,678	10,032	162,433	193,105	3,980,836	9,007,725
Average gross ton miles per truck	32,300	93,800	162,900	373,500	290,600	434,300
Revenue:						
Total revenue	\$'000 1,650	475	7,733	5,927	154,350	271,089
Revenue per ton mile	¢ 30.4	11.9	12.0	7.4	8.2	6.9
Revenue per mile (total mileage travelled)	¢ 68.0	52.8	58.0	48.5	53.5	50.4
Average revenue per truck	\$ 3,600	4,400	7,800	11,500	11,300	13,100
Estimated annual population	454	107	997	517	13,700	20,781
	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	
Mileage:						
Total mileage travelled	'000 77,339	60,303	255,362	111,500	1,348,359	
Average yearly mileage per truck	51,600	37,700	27,200	18,600	24,500	
Average distance each ton was carried	319.6	174.4	96.2	49.7	68.9	
Percentage of total mileage travelled empty	18.3	33.1	27.9	29.0	26.4	
Fuel:						
Total gallons of gasoline consumed	'000 7,151	8,119	24,003	11,562	160,823	
Miles per gallon of gasoline	5.4	5.6	6.1	6.3	6.0	
Total gallons of diesel oil consumed	'000 6,985	2,405	17,942	6,812	65,390	
Miles per gallon of diesel oil	5.5	6.1	5.9	5.7	5.8	
Total gallons of other fuel consumed	'000 —	—	238	—	238	
Miles per gallon of other fuel	—	—	6.5	—	6.5	
Weight of goods carried:						
Total tons of goods carried	'000 2,328	2,269	21,683	15,868	144,912	
Average weight carried ¹	ton 11.8	9.8	11.3	10.0	10.1	
Net ton miles:						
Total net ton miles performed	'000 743,514	395,805	2,085,482	767,941	9,984,777	
Average net ton miles per truck	495,700	247,400	221,900	131,300	181,500	
Capacity ton miles:						
Total capacity ton miles ²	'000 1,124,960	759,113	3,374,817	1,406,256	17,576,454	
Average capacity ton miles per truck	750,000	474,400	359,000	234,400	319,500	
Percentage of capacity utilized	66.1	52.1	61.8	56.0	56.8	
Gross ton miles:						
Total gross ton miles ³	'000 1,647,185	975,331	4,680,669	1,754,944	22,426,938	
Average gross ton miles per truck	1,098,100	609,600	497,900	292,500	407,600	
Revenue:						
Total revenue	\$'000 33,515	21,326	97,812	63,985	657,862	
Revenue per ton mile	¢ 4.5	5.4	4.7	8.1	6.6	
Revenue per mile (total mileage travelled)	¢ 43.3	35.4	38.3	57.4	48.8	
Average revenue per truck	\$ 22,300	13,300	10,400	10,700	12,000	
Estimated annual population	1,500	1,600	9,400	6,000	55,016	

See footnotes at end of Table 11, page 17.

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	15,485	143,613	323,270	2.3	20.9	96,317	29.8	18,237
20,001-30,000 lb.	58,189	161,070	911,150	5.7	15.7	101,691	11.2	15,604
30,001-50,000 lb.	40,938	284,942	2,922,310	10.3	71.4	200,729	6.9	11,567
50,001 lb. and over	30,300	403,040	5,828,047	14.5	192.3	259,125	4.4	9,608
Totals	144,912	992,665	9,984,777	10.1	68.9	657,862	6.6	55,016

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	¢
Agricultural products	2,679	29,339	390,737	13.3	145.9	15,051	3.9
Animals and animal products	7,362	153,470	1,265,565	8.2	171.9	70,125	5.5
Mine products	70,636	73,464	781,150	10.6	11.1	53,371	6.8
Forest products	5,360	23,795	287,370	12.1	53.6	17,999	6.3
Manufactures and miscellaneous	40,559	465,417	4,737,747	10.2	116.8	326,884	6.9
N.O.S. general freight	18,316	247,180	2,522,208	10.2	137.7	174,432	6.9
Totals	144,912	992,665	9,984,777	10.1	68.9	657,862	6.6

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	35,835	17,024	116,526	97,741	401,154	662,111	40,159	95,234	170,930	225,171	1,861,885
Average yearly mileage per truck	6,400	5,700	7,000	9,000	13,700	10,700	14,900	11,100	9,100	8,000	10,000
Average distance each ton was carried	11.3	19.7	17.2	20.9	24.9	32.5	54.8	25.9	36.1	34.3	28.2
Percentage of total mileage travelled empty	71.9	70.2	62.6	57.8	53.3	53.6	31.1	58.5	67.1	65.0	57.1
Fuel:											
Total gallons of gasoline consumed '000	2,896	1,493	11,049	10,248	42,352	66,969	4,544	9,298	14,792	18,755	182,396
Miles per gallon of gasoline	12.4	11.4	10.5	9.5	9.0	9.6	8.5	10.0	11.2	11.1	9.9
Total gallons of diesel oil consumed '000	—	—	—	—	2,968	3,432	234	443	444	2,500	10,021
Miles per gallon of diesel oil	—	—	—	—	6.1	6.2	5.8	6.1	5.8	6.1	6.1
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—	—	381	217	598
Miles per gallon of other fuel	—	—	—	—	—	—	—	—	6.4	6.3	6.4
Weight of goods carried:											
Total tons of goods carried '000	2,158	1,124	8,049	7,142	37,863	40,106	1,619	6,455	4,253	11,518	120,287
Average weight carried ton	2.4	4.4	3.2	3.6	5.0	4.2	3.2	4.0	2.7	5.0	4.2
Net ton miles:											
Total net ton miles performed '000	24,450	22,106	138,817	149,155	944,467	1,304,048	88,675	166,950	153,605	394,557	3,386,830
Average net ton miles per truck	4,300	7,400	8,300	13,700	32,200	21,000	32,800	19,400	8,200	14,000	18,200
Capacity ton miles:											
Total capacity ton miles ¹ '000	77,386	55,886	384,396	401,390	2,249,393	3,229,438	207,060	427,875	487,621	953,684	6,474,129
Average capacity ton miles per truck	13,800	18,600	23,000	36,900	76,600	52,100	76,700	49,600	26,000	33,700	45,600
Percentage of capacity utilized	31.6	39.6	36.1	37.2	42.0	40.4	42.8	39.0	31.5	41.4	40.0
Gross ton miles:											
Total gross ton miles ¹ '000	107,696	67,166	482,598	479,515	2,480,966	3,928,139	261,835	519,832	647,996	1,169,356	10,145,099
Average gross ton miles per truck	19,200	22,400	28,800	44,000	84,500	63,400	97,000	60,300	34,500	41,400	54,600
Estimated annual population ..	5,623	2,998	16,749	10,892	29,353	61,956	2,700	8,618	18,760	28,270	185,919

See footnotes at end of Table 11, page 17.

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	7,230	336,403	180,123	0.5	24.9	133,159
10,001-20,000 lb.	24,009	156,852	468,154	3.0	19.5	24,768
20,001-30,000 lb.	43,648	150,862	830,375	5.5	19.0	17,061
30,001-50,000 lb.	32,386	97,862	1,023,910	10.5	31.6	7,930
50,001 lb. and over	13,014	56,785	884,268	15.6	67.9	3,001
Totals	120,287	798,764	3,386,830	4.2	28.2	185,919

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
Agricultural products	2,385	28,712	187,964	6.5	78.8
Animals and animal products	4,157	104,510	265,360	2.5	63.8
Mine products	58,235	61,374	541,022	8.8	9.3
Forest products	12,580	50,774	425,834	8.4	33.9
Manufactures and miscellaneous	39,244	494,621	1,799,500	3.6	45.9
N.O.S. general freight	3,686	58,773	167,150	2.8	45.3
Totals	120,287	798,764	3,386,830	4.2	28.2

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	24,311	3,417	43,836	37,365	642,601	753,414	171,888	62,477	126,453	238,769	2,104,531
Average yearly mileage per truck	5,300	3,600	4,700	5,200	7,400	5,500	7,300	4,900	5,000	4,500	5,800
Average distance each ton was carried	5.3	5.3	7.8	6.8	10.8	10.8	11.1	7.3	7.8	8.6	9.9
Percentage of total mileage travelled empty	56.8	56.9	61.9	47.6	42.8	54.8	57.1	51.7	58.8	58.5	51.9
Fuel:											
Total gallons of gasoline consumed '000	2,014	254	3,799	3,461	57,949	67,879	15,965	5,786	11,849	21,274	190,230
Miles per gallon of gasoline	12.1	13.5	11.5	10.8	11.0	11.1	10.7	10.8	10.7	11.2	11.0
Total gallons of diesel oil consumed '000	—	—	—	—	1,277	—	88	—	—	—	1,365
Miles per gallon of diesel oil	—	—	—	—	5.8	—	5.6	—	—	—	5.8
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—	—	—	—	—	—
Weight of goods carried:											
Total tons of goods carried .. '000	2,618	281	3,478	4,213	50,852	58,878	15,071	7,718	14,753	19,105	176,967
Average weight carried ¹ ton	1.3	1.0	1.6	1.5	1.5	1.9	2.3	1.9	2.2	1.7	1.7
Net ton miles:											
Total net ton miles performed '000	13,925	1,494	27,174	28,838	549,705	635,182	186,612	56,487	115,605	163,980	1,759,002
Average net ton miles per truck	3,100	1,600	2,900	4,000	6,300	4,600	7,000	4,400	4,600	3,100	4,900
Capacity ton miles:											
Total capacity ton miles ² '000	44,773	4,089	83,057	95,732	1,608,253	1,775,651	488,287	163,468	325,212	525,339	5,113,859
Average capacity ton miles per truck	9,800	4,400	8,900	13,400	18,500	12,900	20,600	12,800	12,800	9,800	14,100
Percentage of capacity utilized	31.1	36.5	32.7	30.1	34.2	35.8	34.1	34.6	35.5	31.2	34.4
Gross ton miles:											
Total gross ton miles ³ '000	67,366	7,491	129,253	132,127	2,193,378	2,539,226	642,475	218,608	439,365	741,753	7,111,042
Average gross ton miles per truck	14,800	8,000	13,900	18,500	25,200	18,500	27,100	17,100	17,300	13,900	19,700
Estimated annual population	4,552	937	9,330	7,152	86,947	137,550	23,700	12,782	25,340	53,555	361,845

See footnotes at end of Table 11, page 17.

TABLE 11. Farm Trucks by Province

	New- found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
Mileage:											
Total mileage travelled	'000 2,466	7,996	15,305	17,387	122,782	189,660	81,211	227,693	255,716	43,120	963,336
Average yearly mileage per truck	5,200	3,500	3,200	4,100	3,500	3,000	2,500	2,800	3,600	3,500	3,100
Average distance each ton was carried	27.6	9.2	13.6	15.5	15.3	13.2	12.2	10.8	15.8	14.5	12.9
Percentage of total mileage travelled empty	57.4	68.6	66.1	71.2	61.1	72.2	65.1	65.0	63.7	70.8	66.0
Fuel:											
Total gallons of gasoline consumed	'000 175	573	1,213	1,271	9,124	14,220	6,797	19,168	20,206	3,236	75,983
Miles per gallon of gasoline	14.0	13.9	12.6	13.7	13.5	13.3	11.9	11.9	12.7	13.3	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 18	270	382	388	2,746	3,807	3,871	15,214	9,063	777	36,536
Average weight carried ¹	ton 0.5	1.0	1.0	1.2	0.9	1.0	1.7	2.1	1.5	0.9	1.4
Net ton miles:											
Total net ton miles performed	'000 486	2,479	5,196	5,997	42,104	50,415	47,042	163,635	142,970	11,251	471,575
Average net ton miles per truck	1,000	1,100	1,100	1,400	1,200	800	1,400	2,000	2,000	900	1,500
Capacity ton miles:											
Total capacity ton miles ²	'000 2,821	9,827	25,494	29,226	157,523	244,723	169,663	574,310	469,407	54,339	1,737,333
Average capacity ton miles per truck	6,000	4,400	5,400	6,900	4,400	3,900	5,200	7,100	6,600	4,500	4,800
Percentage of capacity utilized	17.2	25.2	20.4	20.5	26.7	20.6	27.7	28.5	30.5	20.7	27.1
Gross ton miles:											
Total gross ton miles ³	'000 5,155	15,775	38,350	46,365	273,063	409,011	245,768	802,434	692,342	91,259	2,619,522
Average gross ton miles per truck	10,900	7,000	8,100	10,900	7,700	6,600	7,500	9,900	9,800	7,500	7,300
Estimated annual population	471	2,258	4,724	4,239	35,500	62,253	32,600	81,400	71,000	12,175	306,620

¹ Ton miles divided by miles travelled with load.² Capacity ton miles are determined by multiplying the actual number of miles travelled by the estimated capacity or the weight of the heaviest load carried, whichever is larger.³ Gross ton miles performed are determined by adding to the total ton miles performed the weight of the vehicle empty (tare) multiplied by total miles travelled.

SECTION II. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC BY CANADIAN REGISTERED TRUCKS, 1960

TABLE 12. Goods Carried by Province of Origin and Destination

To:	For hire									
	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and Northwest Territories	United States	Total
'000 tons										
From:										
Atlantic Provinces	—	14	4	—	—	—	—	—	7	25
Quebec	30	—	775	9	—	65	—	—	162	1,041
Ontario	8	751	—	116	19	117	16	—	338	1,365
Manitoba	—	9	151	—	87	39	4	—	3	293
Saskatchewan	—	—	3	148	—	40	—	—	7	198
Alberta	—	63	82	28	71	—	187	55	11	497
British Columbia	—	1	12	5	1	131	—	2	132	284
Yukon and Northwest Territories	—	—	—	—	—	1	2	—	—	3
United States	4	135	293	25	7	14	136	—	—	614
Totals	42	973	1,320	331	185	407	345	57	660	4,320
Private intercity										
'000 tons										
From:										
Atlantic Provinces	—	18	1	—	—	—	—	—	127	146
Quebec	51	—	316	—	—	—	—	—	100	467
Ontario	1	190	—	3	2	—	1	—	106	303
Manitoba	—	—	13	—	44	1	—	—	12	70
Saskatchewan	—	1	1	23	—	11	1	—	—	37
Alberta	—	—	—	1	22	—	28	—	1	52
British Columbia	—	—	—	—	3	35	—	45	73	156
Yukon and Northwest Territories	—	—	—	—	—	—	16	—	—	16
United States	34	133	144	7	—	12	50	—	—	380
Totals	86	342	475	34	71	59	96	45	419	1,627

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	154	3,568	17,632	4.9	114.5	2,197	12.5
30,001-50,000 lb.	1,425	60,846	639,411	10.5	448.7	35,830	5.6
50,001 lb. and over	2,741	113,614	1,683,259	14.8	614.1	55,502	3.3
Totals	4,320	178,028	2,340,302	13.1	541.7	93,529	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	240	7,441	13,042	1.8			54.3
20,001-30,000 lb.	310	4,872	30,631	6.3			98.8
30,001-50,000 lb.	555	9,985	114,274	11.4			205.9
50,001 lb. and over	522	10,161	153,949	15.2			294.9
Totals	1,627	32,459	311,896	9.6			191.7

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	¢
Agricultural products	269	12,311	181,880	14.8	678.1	5,011	2.8
Animals and animal products	358	27,872	363,103	13.0	1,014.3	10,979	3.0
Mine products	89	798	12,594	15.8	141.5	521	4.1
Forest products	136	2,497	39,523	15.8	290.6	1,691	4.3
Manufactures and miscellaneous	2,286	89,883	1,103,193	12.3	482.6	50,675	4.6
N.O.S. general freight	1,182	44,687	640,009	14.3	541.5	24,652	3.9
Totals	4,320	178,028	2,340,302	13.1	541.7	93,529	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		
Agricultural products	144	3,319	45,222	13.6			314.0
Animals and animal products	81	3,888	29,460	7.6			363.7
Mine products	247	1,555	27,556	17.7			111.6
Forest products	403	3,524	35,716	10.1			88.6
Manufactures and miscellaneous	714	17,965	160,036	8.9			224.1
N.O.S. general freight	38	2,208	13,906	6.3			365.0
Totals	1,627	32,459	311,896	9.6			191.7

Appendix I

Estimated Truck Population in Canada by Province, Type of Operation and Gross Vehicle Weight Group, 1960

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.					77	426	394	17	—	412	83	1,409
5,001-10,000 "					311	2,052	1,109	33	83	397	700	4,685
10,001-15,000 "					429	2,265	869	55	22	237	458	4,335
15,001-20,000 "	1	1	1	1	415	2,324	3,028	195	72	981	793	7,808
20,001-30,000 "					361	2,458	6,639	244	364	3,683	1,855	15,604
30,001-50,000 "					302	4,175	2,880	380	717	1,921	1,192	11,567
50,001 lb. and over					180	—	5,822	576	342	1,769	919	9,608
Totals	454	107	997	517	2,075	13,700	20,741	1,500	1,600	9,400	6,000	55,016
Private — Intercity:												
0- 5,000 lb.					6,515	5,818	32,080	—	4,115	10,883	12,897	72,308
5,001-10,000 "					21,011	11,198	11,151	1,626	1,638	4,071	10,156	60,851
10,001-15,000 "					1,649	2,311	2,804	211	223	764	913	8,875
15,001-20,000 "	1	1	1	1	4,008	2,449	6,003	358	570	1,517	988	15,893
20,001-30,000 "					2,588	4,113	6,243	304	1,417	996	1,400	17,061
30,001-50,000 "					355	3,464	1,909	137	551	317	1,197	7,930
50,001 lb. and over					136	—	1,766	64	104	212	719	3,001
Totals	5,623	2,998	16,749	10,892	36,262	29,353	61,956	2,700	8,618	18,760	28,270	185,919
Urban:												
0- 5,000 lb.					4,043	22,252	82,875	5,138	7,265	15,903	24,069	161,545
5,001-10,000 "					13,451	42,043	29,408	12,297	2,416	4,008	20,861	124,484
10,001-15,000 "					1,850	8,334	7,998	1,448	751	814	2,798	23,993
15,001-20,000 "	1	1	1	1	1,853	5,501	8,459	2,656	1,082	2,169	2,013	23,733
20,001-30,000 "					625	5,125	5,745	1,307	858	1,619	2,445	17,724
30,001-50,000 "					149	3,692	3,065	854	410	827	1,369	10,366
50,001 lb. and over					—	—	—	—	—	—	—	—
Totals	4,552	937	9,330	7,152	21,971	86,947	137,550	23,700	12,782	25,340	53,555	361,845
Farm:												
0- 5,000 lb.					2,139	17,390	45,934	2,439	15,050	34,764	6,393	124,109
5,001-10,000 "					8,355	15,631	13,016	22,631	36,664	18,787	4,658	119,742
10,001-15,000 "					611	1,950	1,547	4,115	11,001	3,417	739	23,380
15,001-20,000 "	1	1	1	1	482	421	1,283	2,922	12,137	11,747	266	29,258
20,001-30,000 "					99	108	462	458	6,447	2,250	102	9,926
30,001-50,000 "					6	—	11	35	101	35	17	205
50,001 lb. and over					—	—	—	—	—	—	—	—
Totals	471	2,258	4,724	4,239	11,692	35,500	62,253	32,600	81,400	71,000	12,175	306,620
All trucks:												
0- 5,000 lb.					12,774	45,886	161,283	7,594	26,430	61,962	43,442	359,371
5,001-10,000 "					43,128	70,924	54,684	36,587	40,801	27,263	36,375	309,762
10,001-15,000 "					4,539	14,860	13,218	5,829	11,997	5,232	4,908	60,583
15,001-20,000 "	1	1	1	1	6,758	10,695	18,773	6,131	13,861	16,414	4,060	76,692
20,001-30,000 "					3,673	11,804	19,089	2,313	9,086	8,548	5,802	60,315
30,001-50,000 "					812	11,331	7,865	1,406	1,779	3,100	3,775	30,068
50,001 lb. and over					316	—	7,588	640	446	1,981	1,638	12,609
Totals	11,100	6,300	31,800	22,800	72,000	165,500	282,500	60,500	104,400	124,500	100,000	909,400

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

Appendix II

Survey Response, by Type of Operation and Province, 1960

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	300	51	560	398	4,051	9,198	794	963	4,915	1,972	23,202
Private:											
Intercity	1,683	993	3,187	2,077	5,619	9,928	496	1,926	1,743	2,806	30,458
Urban	1,462	278	1,329	1,232	8,247	12,018	2,641	1,632	2,349	4,769	35,957
Farm	95	513	419	443	1,390	2,189	1,324	3,248	2,917	666	13,204
Totals	3,540	1,835	5,495	4,150	19,307	33,333	5,255	7,769	11,924	10,213	102,821
Number of questionnaires returned completed											
For hire	96	16	207	184	2,208	4,567	435	486	1,569	1,059	10,827
Private:											
Intercity	602	253	1,231	736	2,413	4,590	281	674	748	1,022	12,550
Urban	532	70	534	432	3,480	5,378	1,038	587	831	1,731	14,613
Farm	32	131	164	130	510	960	330	774	889	238	4,158
Totals	1,262	470	2,136	1,482	8,611	15,495	2,084	2,521	4,037	4,050	42,148
Number of sampled trucks reported not in use during survey week											
For hire	105	15	212	100	799	2,259	151	203	1,348	487	5,679
Private:											
Intercity	489	298	1,047	661	1,497	2,795	120	640	556	863	8,966
Urban	421	76	397	401	2,099	3,448	778	528	773	1,455	10,376
Farm	30	156	126	146	353	609	584	1,410	1,135	210	4,759
Totals	1,045	545	1,782	1,308	4,748	9,111	1,633	2,781	3,812	3,015	29,780
Number of questionnaires not returned or returned incomplete or unusable											
For hire	99	20	141	114	1,044	2,372	208	274	1,998	426	6,696
Private:											
Intercity	592	442	909	680	1,709	2,543	95	612	439	921	8,942
Urban	509	132	398	399	2,668	3,192	825	517	745	1,583	10,968
Farm	33	226	129	167	527	620	410	1,064	893	218	4,287
Totals	1,233	820	1,577	1,360	5,948	8,727	1,538	2,467	4,075	3,148	30,892

Appendix III

Commodity Classification

Agricultural products: Flour Fruit Grain Grain products Sugar beets Vegetables Other agricultural products Animals and animal products: Animals and live poultry, N.O.S. ¹ Butter, cheese and eggs Cattle, calves and hogs Dressed meats and packing house products Fish Hides and skins Milk, cream Wool Other animal products Mine products: Coal and coke Crude petroleum Ore and concentrates Sand, gravel, crushed rock and fill Other mine products	Forest products: Cordwood, fuelwood Logs, poles, posts and ties Lumber, timber, lath, etc. Pulpwood Other forest products Manufactured products: Agricultural implements, farm tractors and parts Animal, fish or vegetable oil Automobiles and parts Building products, brick, cement, etc. Empty containers, wood or metal Fertilizers, chemicals and acids Food products, groceries, canned goods Furniture, furnishings and personal effects Gasoline Hardware Iron and steel products Machines, machinery and parts Metal products, N.O.S. Newspapers and other printed material Newsprint Paper products, N.O.S. Petroleum products, N.O.S. Rubber and rubber products Scrap and waste metal Soft drinks, beer and other beverages Textiles Tools and equipment Wood products, plywood, veneer, etc. Other manufactures General freight and miscellaneous
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¹ N.O.S. — Not otherwise specified.

Appendix IV
Description of Vehicle Classifications, 1960

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.S.V." 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:
 "CV" 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:
 "C" 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:
 No separate licence—trucks owned and operated by a farmer.

TRUCK TRAFFIC QUESTIONNAIRE

DOMINION BUREAU OF STATISTICS, OTTAWA

Transportation Section

Appendix V

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 } 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				

INFORMATION REQUIRED	ONE-WAY TRIP NO. 6	ONE-WAY TRIP NO. 7	ONE-WAY TRIP NO. 8	ONE-WAY TRIP NO. 9
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				

HIGHWAY (INTERCITY AND RURAL OPERATIONS)

INFORMATION REQUIRED	ONE-WAY TRIP NO. 10	ONE-WAY TRIP NO. 11	ONE-WAY TRIP NO. 12	ONE-WAY TRIP NO. 13
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				

INFORMATION REQUIRED	ONE-WAY TRIP NO. 14	ONE-WAY TRIP NO. 15	ONE-WAY TRIP NO. 16	ONE-WAY TRIP NO. 17
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				

HIGHWAY (INTERCITY AND RURAL OPERATIONS)

INFORMATION REQUIRED	ONE-WAY TRIP NO. 18	ONE-WAY TRIP NO. 19	ONE-WAY TRIP NO. 20	ONE-WAY TRIP NO. 21
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				

INFORMATION REQUIRED	ONE-WAY TRIP NO. 22	ONE-WAY TRIP NO. 23	ONE-WAY TRIP NO. 24	ONE-WAY TRIP NO. 25
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				

HIGHWAY (INTERCITY AND RURAL OPERATIONS)

INFORMATION REQUIRED	ONE -WAY TRIP NO. 26	ONE -WAY TRIP NO. 27	ONE -WAY TRIP NO. 28	ONE -WAY TRIP NO. 29
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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