

CATALOGUE No.

53-210

ANNUAL



CANADA

MOTOR TRANSPORT TRAFFIC
PROVINCE OF ONTARIO
1962



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

January 1964
8504-553

Price: 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with

ROAD TRANSPORT

Catalogue number	Title	Price per copy
Periodical		
53-001	Motor Vehicle Traffic Accidents — quarterly (approx. 31 pp.) Number of accidents, persons killed and injured, property damage, time, place, road conditions, etc., by province. (A condensed monthly report of motor vehicle traffic accidents is published as a release in the Dominion Bureau of Statistics Daily Bulletin) (\$2 a year)	\$.50
53-002	Passenger Bus Statistics — Intercity and Rural — Bil. monthly (approx. 4 pp.) Number of companies, passengers carried, vehicle miles run, fuel consumed, revenue, by province (\$1 a year)	.10
53-003	Urban Transit — Bil. monthly (approx. 4 pp.) Number of companies, passengers carried, vehicle miles run, fuel consumed, and revenue by electric car, trolley coach and motor bus, by province (\$1 a year)	.10
53-004	Motor Transport Traffic: National Estimates — quarterly (approx. 12 pp.) Mileage, ton miles and weight of goods carried by commodity for for-hire and private intercity carriers (\$2 a year)	.50
Annual		
53-201	Road and Street Mileage and Expenditure (approx. 15 pp.) Road and street mileages, construction, maintenance and administration expenditures on highways, bridges, ferries and urban streets, by province .....	.50
53-202	International Toll Bridges, Tunnels and Ferries (approx. 12 pp.) Investment, revenues, expenses, traffic, employees, salaries and wages and accidents with list of facilities .....	.50
53-206	Motor Vehicle Traffic Accidents (approx. 71 pp.) Number of accidents, persons killed and injured, property damage, time, place, road conditions, etc., by province	1.00
53-215	Passenger Bus Statistics (approx. 14 pp.) Number of companies, investment, operating revenues and expenses, employees, salaries and wages, equipment, traffic and accidents, by province .....	.50
53-216	Urban Transit (approx. 20 pp.) Investment, revenues, expenses, passengers carried, vehicle miles run, fuel consumed, by electric car, trolley coach and motor bus; equipment, accidents, employees, salaries and wages by province .....	.50
53-217	The Motor Vehicle: Part I — Rates and Regulations (approx. 40 pp.) Size, weight and safety regulations, reciprocal highway agreements, fees, taxes and motor carrier regulations, and gasoline tax rate review, by province .....	.75
53-218	The Motor Vehicle: Part II — Motive Fuel Sales (approx. 10 pp.) Gross and net sales of gasoline and net sales of diesel oil .....	.50
53-219	The Motor Vehicle: Part III — Registrations (approx. 14 pp.) Registrations by type of vehicle, by provinces and municipalities .....	.50
53-220	The Motor Vehicle: Part IV — Revenues (approx. 11 pp.) Provincial government revenues from registrations and gasoline taxes; and unsatisfied judgment fund data, by province .....	.50
53-221	Moving and Storage, Household Goods (approx. 12 pp.) Number of companies, investment, operating revenues and expenses, employees, salaries and wages, storage space and equipment, by province .....	.50
53-222	Motor Carriers — Freight (Common and Contract) — Part I Classes 1 and 2 (approx. 32 pp.) Number of companies, investment, operating revenues and expenses, employees, salaries and wages, equipment and accidents, by province, by revenue class and by type of operation .....	.50
53-223	Motor Carriers — Freight (Common and Contract) — Part II Classes 3 and 4 (approx. 16 pp.) See above for description .....	.50
Motor Transport Traffic		
Each of the following series of eight annual reports provides statistics on mileage, fuel consumption, truck capacity, goods carried, ton miles, revenues and number of trucks by type of oper- ation and gross vehicle weight group.		
53-207	Motor Transport Traffic: National Estimates (approx. 30 pp.) .....	.50
53-208	Motor Transport Traffic: Atlantic Provinces (approx. 18 pp.) .....	.50
53-209	Motor Transport Traffic: Quebec (approx. 12 pp.) .....	.50
53-209F	Transport routiers de marchandises: Québec (approx. 12 pp.) .....	.50
53-210	Motor Transport Traffic: Ontario (approx. 13 pp.) .....	.50
53-211	Motor Transport Traffic: Manitoba (approx. 13 pp.) .....	.50
53-212	Motor Transport Traffic: Saskatchewan (approx. 13 pp.) .....	.50
53-213	Motor Transport Traffic: Alberta (approx. 14 pp.) .....	.50
53-214	Motor Transport Traffic: British Columbia (approx. 13 pp.) .....	.50

Remittances should be in the form of cheque or money order,
made payable to the Receiver General of Canada and forwarded to
the Publications Distribution Unit, Financial Control Section,
Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa,
Canada.

TABLE OF CONTENTS

	Page
Chart 1. Truck Registrations by Type of Operation	4
2. Net Ton Miles by Type of Operation	4
Introduction	5
Section I. Traffic Performed by Ontario Registered Trucks Inside and Outside the Province, January 1 – December 31, 1962	
Table	
1. All Trucks by Type of Operation	8
2. All Trucks by Gross Vehicle Weight Group	8
3. Selected Statistics by Gross Vehicle Weight Group	9
4. Selected Statistics by Commodity Group	9
Section II. Traffic Performed by Ontario Registered Trucks Within the Province, January 1 – December 31, 1962	
5. All Trucks by Type of Operation	10
6. All Trucks by Gross Vehicle Weight Group	10
Section III. Interprovincial and International Traffic Performed by Ontario Registered Trucks, January 1 – December 31, 1962	
7. Tons of Goods Carried by Province of Origin and Destination	11
8. Selected Statistics by Commodity Group	11
Appendix	
A. Population B. Survey Response	12

PROVINCE OF ONTARIO
JANUARY 1 - DECEMBER 31, 1962

CHART - 1

TRUCK REGISTRATIONS BY TYPE OF OPERATION

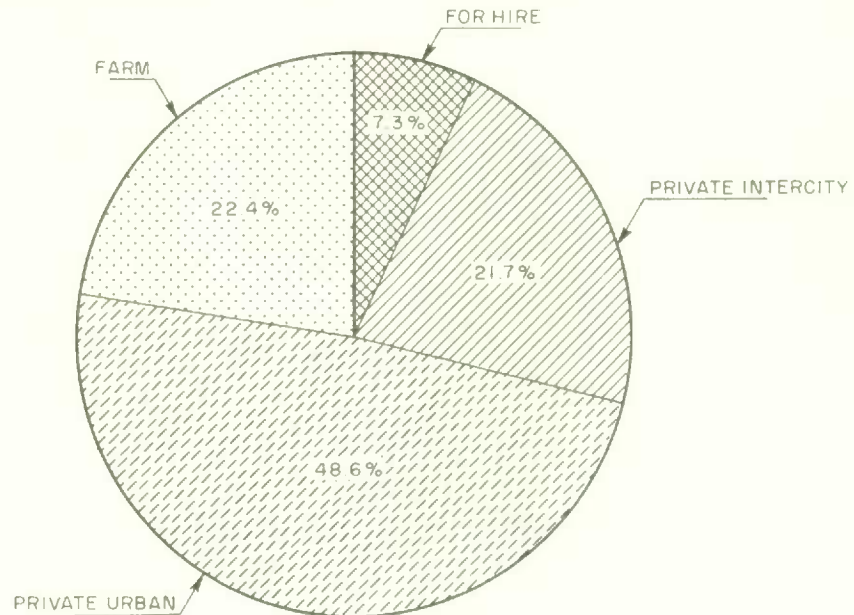
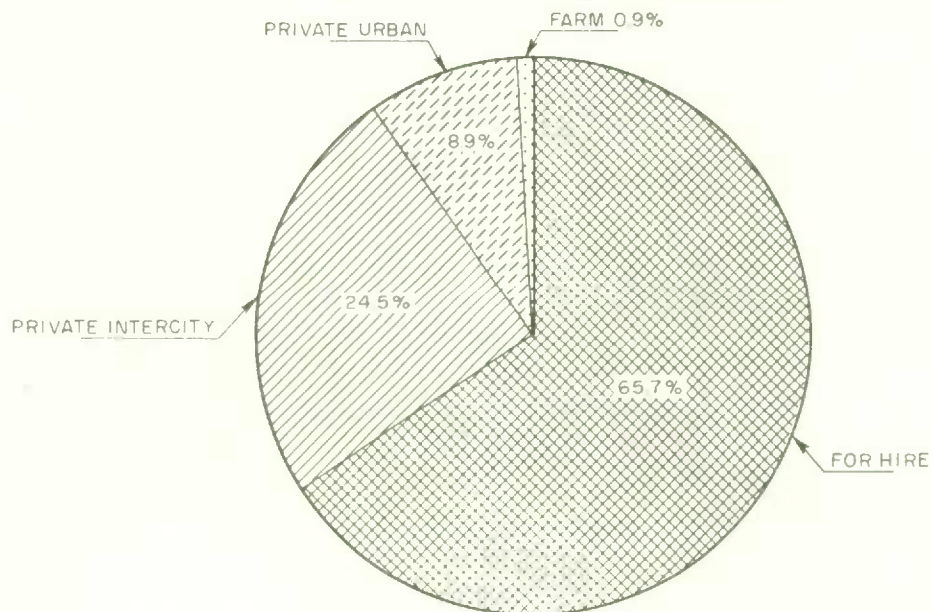


CHART - 2

NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

The 1962 annual report of motor transport traffic in the Province of Ontario is based upon a sample of approximately 12% of trucks registered in the province. To allow for seasonal variations in traffic and to ensure that the selected vehicles represented current registrations the sample was selected in four quarterly segments with approximately one fourth of the total selected each quarter. Each quarterly sample was spread over three survey weeks with one third of the sample being used for a seven day period, Sunday through Saturday, per month. The surveys were therefore spread over twelve weeks during the year.

All trucks registered in the province are represented except: (a) those not engaged in transportation services; and (b) military and other government-owned vehicles. Trailers as such were excluded from the sample, but details of tractor-trailer combinations were obtained by including the power units or tractors in the survey.

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 according to licence; private intercity vehicles are those owned and operated by firms and individuals 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.

Since intercity for hire trucks ("P.C.V.'s") are the only class to be registered separately in Ontario, it is necessary to use completed questionnaires to classify privately operated vehicles in the sample as "intercity", "urban" and "farm".

In this report vehicles have been classified into four functional categories as follows:

For hire	-Public Commercial Vehicles (P.C.V.) operated for compensation beyond urban areas.
Private intercity	-Private non-farm trucks operated beyond urban areas.
Private urban	-Private and commercial vehicles operated predominantly within urban areas.
Farm	-Trucks owned and operated by farmers.

A number of urban trucks are operated for compensation but these vehicles were not included in the for hire category. As a result, the data shown throughout this report as "for hire" are understated and those for the "private urban" category are overstated by the extent of those urban for hire vehicles classified as "private urban".

Further information on the history and the organization of motor transport traffic surveys may be found in the reports entitled "Motor Transport Traffic, National Estimates", Catalogue No. 53-207, for 1957 to 1961.

Expansion of Survey Results

As this survey is conducted on a sample basis the data obtained for the vehicles included in the sample have to be expanded to represent the traffic of the total truck population. The methods used in this expansion of the raw data have been continually improved. Current procedures 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 ratio provides an estimated quarterly population. Prior to 1959 the data for each quarterly 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 by the inverse of the appropriate selection ratio to arrive at a quarterly population broken down by weight group. The four quarterly populations by gross vehicle weight are added together and an average weight group distribution for the year is computed. This weight group distribution is applied to the constant population. The population then has to be distributed by function. This is done by using the average distribution obtained from all the previous year's

completed questionnaires. The above procedure was introduced in 1959. Prior to that year the distribution by function was determined from completed questionnaires for each quarter separately.

A further improvement was made for the 1960 report. Since that year the actual number of P.C.V. registered trucks and tractors by gross vehicle weight for the previous registration year has been used to estimate the for hire population for the current year. Therefore, the actual P.C.V. population for 1961 was used to arrive at an estimate of the 1962 for hire segment of the truck population. As trailers are licensed separately from tractors in Ontario the gross vehicle weights of tractors in the P.C.V. population were adjusted to combined tractor-trailer gross vehicle weights on the basis of completed questionnaires.

The procedures introduced in 1959 to determine a breakdown of population by function and gross vehicle weight now only apply to private intercity, private urban and farm vehicles.

3. When the constant population has 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. For private intercity, private urban and farm vehicles this can only be done from completed questionnaires as they do not have distinctive licence categories. For hire vehicles can be identified immediately by their P.C.V. licence.

4. Expansion ratios for each gross vehicle weight group of each functional category are then calculated 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 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.

6. The expanded data for the four quarters are added together to arrive at an annual total.

While the changes and improvements in methods of compilation mentioned above will to some extent influence comparisons of data between years the effects should not be overly significant. In addition it is emphasized that since the statistics contained in this report are calculated from a sample survey they are only estimates and not actual figures.

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.

Review of Survey Results

The estimated population of trucks performing transportation services in Ontario during 1962 increased 1.4 per cent to 296,500 from 292,300 in 1961. Of these 21,600 or 7.3 per cent were for hire trucks; 64,258 or 21.7 per cent were private intercity vehicles; 144,143 or 48.6 per cent were private vehicles operating wholly within urban areas and 66,499 or 22.4 per cent were farm trucks.

In the following tables blanks appear for some breakdowns of diesel fuel and other fuel by type of operation and by gross vehicle weight. In most of these instances no vehicles were chosen belonging to these classifications in any of the quarterly sample selections. However in one or two 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: Traffic Inside and Outside the Province

Section I contains estimates of total traffic performed both inside and outside the province by Ontario registered trucks.

Although comprising only 7.3 per cent of the Ontario truck population, for hire vehicles accounted for 65.7 per cent of the total net ton miles and 43.8 per cent of the total tons carried during 1962. This results from the high average yearly mileage of these trucks of 25,700 miles as compared with 7,600 miles for all trucks and from the heavy average load carried of 11.4 tons compared to 5.9 tons for all trucks. Since over three quarters of all for hire vehicles have a gross vehicle weight of over 10 tons the heavier loads carried by these trucks are to be expected. The predominance of heavier vehicles in the for hire category also explains the low estimate of miles per gallon of gasoline 5.4 compared with 8.6 for all trucks.

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

From the end of May until mid-July 1962 many major Ontario for hire carriers were involved in a labour dispute and virtually ceased operations during this period. The effects of this dispute are not too noticeable on the annual totals as the results for the remainder of the year were extremely good. This was to be expected as the economy was very buoyant throughout the year with the Gross National Product rising 8.0 per cent.

Some trucks in Ontario under 10,000 lb. gross vehicle weight are used essentially for personal transportation. Such vehicles accounted for about 10 per cent of the total mileage travelled by Ontario registered trucks.

Section II: Traffic Within the Province

This section presents estimates of traffic performed by Ontario registered trucks entirely inside the province and excludes the "Outside the Province" portion of interprovincial and international traffic as well as any traffic performed entirely outside the province. Comparing the data in Section I and Section II it will be noted that for hire vehicles accumulated 21.7 per cent and private intercity 12.2 per cent of their total net ton miles outside Ontario.

Section III: Interprovincial and International Traffic

Interprovincial and international traffic accounted for a significant proportion of the total traffic performed by for hire vehicles representing approximately one third of the total net ton miles performed and one fifth of the revenue earned by these vehicles. Almost three fifths of the total tons of goods carried in this type of traffic by Ontario registered for hire trucks was transported to or from Quebec and one quarter to or from the United States.

Appendix

During the year survey questionnaires were sent to the owners or operators of 34,654 trucks. Of this number 15,431 were returned completed and 9,265 trucks were reported not used during the

survey week. The remaining 9,958 were either returned incomplete and unusable or not returned at all.

September 30, 1963.

**SECTION I. TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE
JANUARY 1 - DECEMBER 31, 1962**

TABLE 1. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	554,536	688,671	800,602	196,739	2,240,548
Average yearly mileage per truck		25,700	10,700	5,600	3,000	7,600
Average distance each ton was carried		51.7	40.9	9.2	13.8	34.4
Percentage of total mileage travelled empty		29.4	52.6	54.5	66.4	48.7
Fuel:						
Total gallons of gasoline consumed	'000	77,699	72,860	76,613	14,655	241,827
Miles per gallon of gasoline		5.4	9.0	10.4	13.4	8.6
Total gallons of diesel oil consumed	'000	20,559	5,765	—	—	26,324
Miles per gallon of diesel oil		6.4	6.3	—	—	6.4
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000	86,048	40,526	65,590	4,364	196,528
Average weight carried ¹	ton	11.4	5.1	1.7	0.9	5.9
Net ton miles:						
Total net ton miles performed	'000	4,447,275	1,656,703	603,014	60,363	6,767,355
Average net ton miles per truck		205,900	25,800	4,200	900	22,800
Capacity ton miles:						
Total capacity ton miles ²	'000	8,296,711	4,084,058	2,003,187	261,047	14,645,003
Average capacity ton miles per truck		384,100	63,600	13,900	3,900	49,400
Percentage of capacity utilized		53.6	40.6	30.1	23.1	46.2
Gross ton miles:						
Total gross ton miles ³	'000	10,198,832	4,839,200	2,805,929	441,847	18,285,808
Average gross ton miles per truck		472,200	75,300	19,500	6,600	61,700
Revenue:						
Total revenue	\$'000	284,344	—	—	—	—
Revenue per ton mile	\$	6.4	—	—	—	—
Revenue per mile (total mileage travelled)	\$	51.3	—	—	—	—
Average revenue per truck	\$	13,200	—	—	—	—
Estimated annual population		21,600	64,258	144,143	68,499	296,500

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.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled	'000	804,352	329,346	95,658	150,316	318,075	542,801
Average yearly mileage per truck		4,900	5,600	7,100	8,000	14,600	29,000
Average distance each ton was carried		15.2	20.6	18.0	17.4	12.7	62.9
Percentage of total mileage travelled empty		70.9	44.0	33.9	35.0	42.1	29.1
Fuel:							
Total gallons of gasoline consumed	'000	54,617	29,055	11,002	20,141	46,490	80,522
Miles per gallon of gasoline		14.7	11.3	8.7	7.5	6.8	4.6
Total gallons of diesel oil consumed	'000	—	—	—	—	—	26,324
Miles per gallon of diesel oil		—	—	—	—	—	6.4
Total gallons of other fuel consumed	'000	—	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried	'000	4,093	6,437	6,877	16,541	80,668	81,912
Average weight carried ¹	ton	0.3	0.7	1.7	2.9	5.6	13.4
Net ton miles:							
Total net ton miles performed	'000	62,263	132,741	109,907	287,161	1,025,687	5,149,596
Average net ton miles per truck		400	2,300	8,100	15,300	47,000	275,200
Capacity ton miles:							
Total capacity ton miles ²	'000	667,313	473,991	310,400	782,177	2,643,112	9,768,010
Average capacity ton miles per truck		4,000	8,100	22,900	41,600	121,100	522,000
Percentage of capacity utilized		9.3	28.0	35.4	36.7	38.8	52.7
Gross ton miles:							
Total gross ton miles ³	'000	1,414,949	875,057	439,054	902,520	2,683,498	11,970,730
Average gross ton miles per truck		8,600	14,900	32,400	48,000	123,000	639,700
Estimated annual population		164,845	58,747	13,568	18,806	21,822	18,712
							296,500

See footnotes at end of Table 6, page 10.

TABLE 3. 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	¢
20,000 lb. and under	5,405	30,503	64,078	2.1	11.9	21,932	34.2
20,001-30,000 lb.	42,699	75,038	496,397	6.6	11.6	44,018	8.9
30,001-50,000 lb.	14,156	58,439	506,056	8.7	35.7	45,805	9.1
50,001 lb. and over	23,788	227,699	3,380,744	14.8	142.1	172,589	5.1
Totals	86,048	391,679	4,447,275	11.4	51.7	284,344	6.4
	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		
10,000 lb. and under	1,896	115,460	52,400	0.5	27.6		
10,001-20,000 lb.	5,116	62,424	148,619	2.4	29.0		
20,001-30,000 lb.	13,897	69,053	346,966	5.0	25.0		
30,001-50,000 lb.	7,841	27,640	238,674	8.6	30.4		
50,001 lb. and over	11,776	51,730	870,044	16.8	73.9		
Totals	40,526	326,307	1,656,703	5.1	40.9		

TABLE 4. Selected Statistics by Commodity Group

Commodity group	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	860	11,207	74,137	6.6	86.2	6,160	8.3
Food, feed, beverages and tobacco	5,433	64,170	746,094	11.6	137.3	36,359	4.9
Crude materials, inedible	53,522	56,098	666,413	11.9	12.5	34,555	5.2
Fabricated materials, inedible	11,432	65,948	1,048,752	15.9	91.7	53,943	5.1
End products, inedible	4,022	79,251	619,050	7.8	153.9	58,689	9.5
General freight	10,779	115,005	1,292,829	11.2	119.9	94,638	7.3
Totals	86,048	391,679	4,447,275	11.4	51.7	284,344	6.4
	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	295	6,069	22,981	3.8	77.9		
Food, feed, beverages and tobacco	7,505	113,577	453,634	4.0	60.4		
Crude materials, inedible	12,935	33,347	267,364	8.0	20.7		
Fabricated materials, inedible	15,638	68,630	645,279	9.4	41.3		
End products, inedible	2,439	73,864	190,263	2.6	78.0		
General freight	1,714	30,820	77,182	2.5	45.0		
Totals	40,526	326,307	1,656,703	5.1	40.9		

**SECTION II. TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS WITHIN THE PROVINCE
JANUARY 1 - DECEMBER 31, 1962**

TABLE 5. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	470,071	655,799	800,602	196,739	2,123,211
Average yearly mileage per truck		21,800	10,200	5,600	3,000	7,200
Average distance each ton was carried.....		40.8	36.3	9.2	13.8	28.6
Percentage of total mileage travelled empty		31.4	53.4	54.5	66.4	50.1
Fuel:						
Total gallons of gasoline consumed	'000	72,044	69,620	76,613	14,655	232,932
Miles per gallon of gasoline		5.5	9.0	10.4	13.4	8.7
Total gallons of diesel oil consumed	'000	12,112	4,274	—	—	16,386
Miles per gallon of diesel oil		6.4	6.1	—	—	6.3
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried.....	'000	85,403	40,060	65,590	4,364	195,417
Average weight carried ¹	ton	10.8	4.8	1.7	0.9	5.3
Net ton miles:						
Total net ton miles performed.....	'000	3,480,219	1,454,814	603,014	60,363	5,598,410
Average net ton miles per truck		161,100	22,600	4,200	900	18,900
Capacity ton miles:						
Total capacity ton miles ²	'000	6,788,765	3,693,697	2,003,187	261,047	12,746,696
Average capacity ton miles per truck		314,300	57,500	13,900	3,900	43,000
Percentage of capacity utilized		51.3	39.4	30.1	23.1	43.9
Gross ton miles:						
Total gross ton miles ³	'000	8,163,254	4,373,116	2,805,929	441,847	15,784,146
Average gross ton miles per truck		377,900	68,100	19,500	6,600	53,200
Revenue:						
Total revenue	\$'000	250,089	—	—	—	—
Revenue per ton mile	¢	7.2	—	—	—	—
Revenue per mile (total mileage travelled).....	¢	53.2	—	—	—	—
Average revenue per truck.....	\$	11,600	—	—	—	—
Estimated annual population		21,600	64,258	144,143	66,499	296,500

TABLE 6. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5000 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.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled	'000	801,156	325,965	94,764	147,252	310,963	443,111
Average yearly mileage per truck		4,900	5,500	7,000	7,800	14,300	23,700
Average distance each ton was carried		15.0	20.3	15.9	16.9	12.4	49.6
Percentage of total mileage travelled empty		70.9	44.3	33.7	34.9	42.2	31.1
Fuel:							
Total gallons of gasoline consumed	'000	54,400	28,763	10,891	19,721	45,529	73,628
Miles per gallon of gasoline		14.7	11.3	8.7	7.5	6.8	4.6
Total gallons of diesel oil consumed	'000	—	—	—	—	—	16,386
Miles per gallon of diesel oil		—	—	—	—	—	6.3
Total gallons of other fuel consumed	'000	—	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried	'000	4,093	6,417	6,874	16,464	80,573	80,996
Average weight carried ¹	ton	0.3	0.7	1.7	2.9	5.6	13.2
Net ton miles:							
Total net ton miles performed	'000	61,479	130,526	108,986	278,574	1,002,683	4,016,162
Average net ton miles per truck		400	2,200	8,000	14,800	45,900	214,600
Capacity ton miles:							
Total capacity ton miles ²	'000	664,103	468,616	307,637	762,119	2,587,014	7,957,207
Average capacity ton miles per truck		4,000	8,000	22,700	40,500	118,600	425,200
Percentage of capacity utilized		9.3	27.9	35.4	36.6	38.8	50.5
Gross ton miles:							
Total gross ton miles ³	'000	1,408,885	865,071	435,194	880,982	2,624,779	9,569,235
Average gross ton miles per truck		8,500	14,700	32,100	46,800	120,300	511,400
Estimated annual population		164,845	58,747	13,568	18,806	21,822	18,712
							296,500

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 III. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS
JANUARY 1 - DECEMBER 31, 1962

TABLE 7. Tons of Goods Carried by Province of Origin and Destination

Origin and destination	For hire			Private intercity			Total		
	Into Ontario	Out of Ontario	Total	Into Ontario	Out of Ontario	Total	Into Ontario	Out of Ontario	Total
'000 tons									
Newfoundland	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-
Nova Scotia	7	17	24	-	-	-	7	17	24
New Brunswick	13	14	27	-	1	1	13	15	28
Quebec	801	1,157	1,958	213	441	654	1,014	1,598	2,612
Manitoba	157	138	295	32	21	53	189	159	348
Saskatchewan	2	13	15	-	1	1	2	14	16
Alberta	42	61	103	-	2	2	42	63	105
British Columbia	25	14	39	-	-	-	25	14	39
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-
United States	391	448	839	276	235	511	667	683	1,350
Totals	1,438	1,862	3,300	521	701	1,222	1,959	2,563	4,522

TABLE 8. Selected Statistics by Commodity Group

Commodity group	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	51	2,105	20,253	9.6	393.3	932	4.6
Food, feed, beverages and tobacco	557	20,169	295,834	14.7	531.2	8,878	3.0
Crude materials, inedible	205	4,106	70,848	17.3	345.9	1,886	2.7
Fabricated materials, inedible	956	15,959	253,971	15.9	265.8	10,105	4.0
End products, inedible	607	28,659	264,885	9.2	436.6	16,588	6.3
General freight	924	38,155	584,157	15.3	632.0	21,642	3.7
Totals	3,300	109,153	1,489,948	13.7	451.5	60,031	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	14	605	4,596	7.6	337.4		
Food, feed, beverages and tobacco	323	7,617	89,319	11.7	276.0		
Crude materials, inedible	197	2,857	33,015	11.6	167.5		
Fabricated materials, inedible	471	5,311	74,901	14.1	159.1		
End products, inedible	150	7,709	46,223	6.0	307.9		
General freight	67	1,706	22,232	13.0	331.9		
Totals	1,222	25,805	270,286	10.5	221.1		



1010529277

APPENDIX

Type of operation	A. Population						
	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.	Over 15 tons 30,001 lb. and over	Total
Estimated Ontario truck population in 1962							
For hire	245	802	1,038	2,426	6,926	10,163	21,600
Private:							
Intercity	29,419	12,857	3,266	6,428	7,624	4,664	64,258
Urban	86,312	30,525	7,860	8,633	6,735	3,878	144,143
Farm	48,869	14,563	1,404	1,119	537	7	66,499
Totals	164,845	58,747	13,568	18,806	21,822	18,712	296,500
B. Survey Response							
	Total number of trucks selected in samples	Number of questionnaires returned completed		Number of sampled trucks reported not in use during survey week		Number of questionnaires not returned or returned incomplete and unusable	
For hire	9,620	4,338		2,366		2,916	
Private:							
Intercity	10,438	4,686		2,837		2,915	
Urban	12,075	5,320		3,385		3,370	
Farm	2,521	1,087		677		757	
Totals	34,654	15,431		9,265		9,958	