

MOTOR TRANSPORT TRAFFIC STATISTICS

PROVINCE OF ONTARIO

1957



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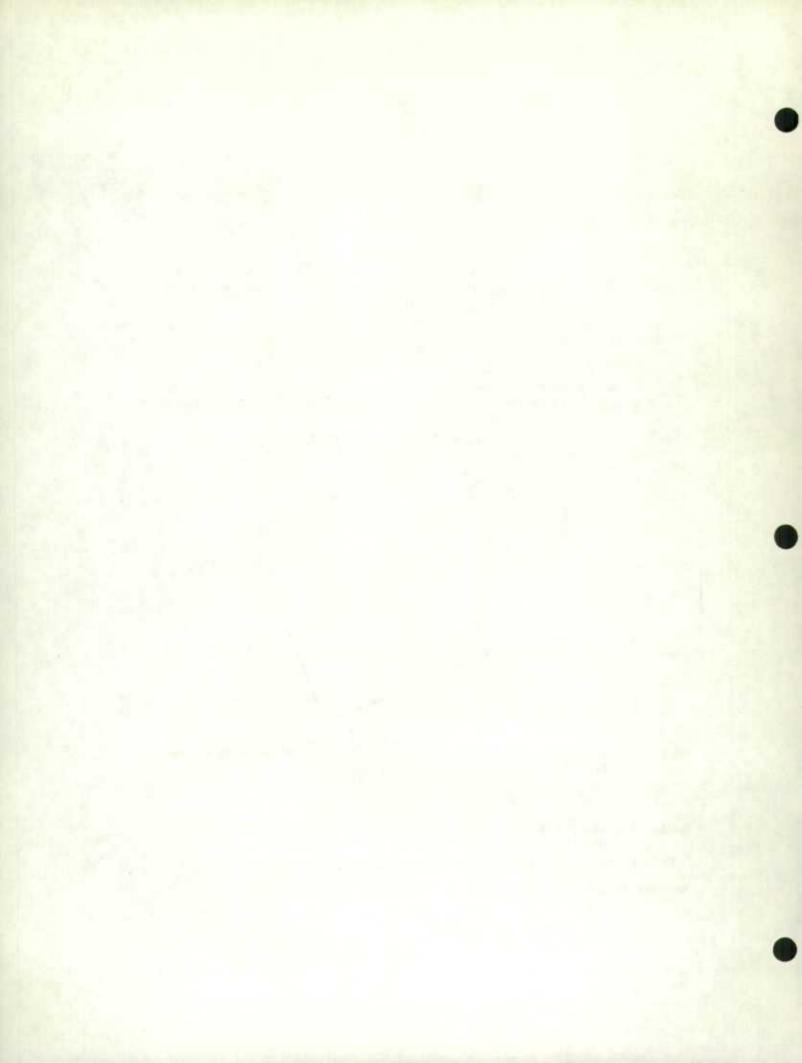
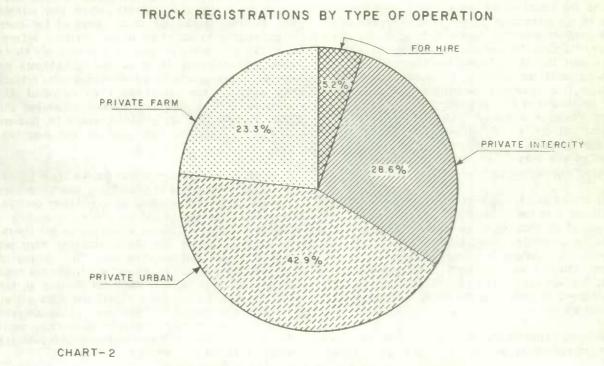


TABLE OF CONTENTS

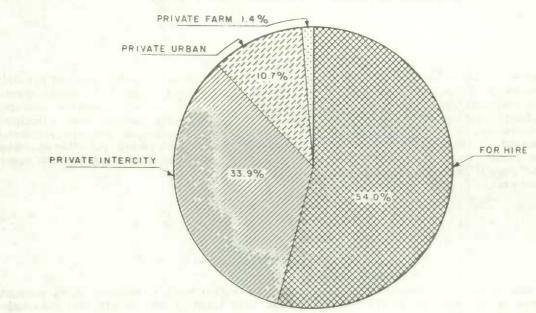
	Page
Chart 1. Truck Registrations by Type of Operation	4
Chart 2. Net Ton Miles by Type of Operation	4
Introduction	5
Section I. Traffic Performed by Ontario Registered Trucks Inside and Outside the Province, January 1 — December 31, 1957.	
Table 1. All Trucks by Type of Operation	7
Table 2. All Trucks by Gross Vehicle Weight Groups	
Table 3. For Hire Trucks by Gross Vehicle Weight Groups	
Table 4. Private Intercity Trucks by Gross Vehicle Weight Groups	8
Section II. Traffic Performed by Ontario Registered Trucks Within the Province, January	
1 - December 31, 1957.	
Table 1. All Trucks by Type of Operation	9
Table 2. All Trucks by Gross Vehicle Weight Groups	
Table 3. For Hire Trucks by Gross Vehicle Weight Groups	
Table 4. Private Intercity Trucks by Gross Vehicle Weight Groups	
Table 5. Private Urban Trucks by Gross Vehicle Weight Groups	11
Table 6. Private Farm Trucks by Gross Vehicle Weight Groups	11
Table 7. Selected Statistics of Intercity Fraific by Gross Vehicle Weight Groups	12
Section III. Intraprovincial Traine Performed by Galacia Registered Trucks, January 1 — December 31, 1957.	
Table 1, Selected Statistics by Gross Vehicle Weight Groups	12
Table 2. Selected Statistics by Commodity Groups	13
Section IV. Interprovincial and International Traffic Performed by Ontario Registered Trucks, January 1 — December 31, 1957.	
Table 1, Tons of Goods Carried	13
Table 2. Selected Statistics by Gross Vehicle Weight Groups	
Table 3. Selected Statistics by Commodity Groups	
Section V. Traffic Performed by Ontario Registered Buses Inside and Outside the Province,	
January 1 – December 31, 1957.	
Table 1. By Passenger Seating Capacity	15
Section VI. Traffic Denformed by Ontonic Degistered Dans Within the Denviser V.	
Section VI. Traffic Performed by Ontario Registered Buses Within the Province, January 1 — December 31, 1957.	
Table 1. By Passenger Seating Capacity	15
Appendix: Sampling Results	16

PROVINCE OF ONTARIO JANUARY I - DECEMBER 31,1957

CHART-I



NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

Methods followed in Survey

The 1957 annual survey of motor transport traffic in the Province of Ontario is based upon a sample of approximately 11 per cent of trucks and 25 per cent of intercity buses registered in the province. To allow for seasonal variations in traffic and to ensure that the selected vehicles represented current registrations in force, the survey was conducted in four quarterly segments with approximately one-fourth of the total sample selected each quarter. Vehicles selected were coded so that a particular vehicle would not be chosen more than once during each licence year. Each quarterly segment of the survey was conducted for a seven day period, Sunday through Saturday.

All trucks and buses registered in the province are included with the following exceptions: (a) those not engaged in transportation services; (b) buses utilized for scheduled urban transit or school service; and, (c) 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 function or type of operation and by gross vehicle weight

groups. The four functional categories used are: forhire, private intercity, private urban and private farm. For-hire trucks are those operated for compensation or gain anywhere in the province 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 which are operated predominantly within urban or metropolitan areas; and private farm trucks are those operated by farmers primarily to transport farm produce and supplies.

Since only intercity for-hire trucks are registered as a separate class in Ontario, it was necessary to use completed questionnaires to classify privately operated vehicles in the sample as "intercity", "urban" and "farm". Some urban trucks are operated for compensation but these vehicles were not included in the for-hire category. The number of such vehicles was not known and a reliable estimate was not obtained on the basis of replies to the survey questionnaire. As a result the data shown throughout this report as "for-hire" is understated and that for the "private urban" category is overstated by the extent of those urban for-hire vehicles classified as "private urban".

Expansion of Survey Results

The distribution of sample vehicles by gross vehicle weight groups and by function was used to provide population estimates as at the time of the sample selection. Sample results were then expanded to represent the operations of all trucks and intercity buses registered in the province by multiplying the sample results by the inverse ratio of the sample to the population and by the ratio of three months to one week.

The expanded data for each of the four quarterly segments were added together to obtain annual provincial estimates. Yearly operating averages such as average yearly mileage were calculated from the average number of vehicles registered during the twelve month period. All other operating ratios were obtained from the twelve month aggregates.

Response to Survey

During the year survey questionnaires were sent to the owners or operators of 28.017 motor vehicles. Of this number 14,261 were returned completed and 7,234 vehicles were reported not used

during the survey week. In addition, 3,784 questionnaires were returned with insufficient information and were therefore unusable. Non response to the survey totalled 2,738 or 9.8 per cent.

Review of Survey Results

Excluding vehicles that do not perform transportation services, the average number of trucks registered in Ontario during the year was 265,185. Of these 13,803 or 5.2 per cent were common or forhire carriers; 75,843 or 28.6 per cent were private intercity vehicles; 113,862 or 42.9 per cent were private trucks operating predominantly within urban areas; and 61,677 or 23.3 per cent were private farm trucks.

In the tables presented, blanks appear in a number of weight classifications where no vehicles were chosen in any of the quarterly sample selections. It does not follow that there are no vehicles in the province belonging to these classifications.

Section1: Traffic Inside and Outside the Province

Section 1 contains estimates of total traffic performed by all Ontario registered trucks both inside and outside the province.

From the data presented in this section it may be observed that although for-hire vehicles were only 5.2 per cent of all trucks registered in Ontario, they accounted for 54.0 per cent of the total net ton miles performed during 1957. This results not only from the comparatively high average yearly mileage of for-hire trucks operating inside and outside of Ontario (25,600 as opposed to an average of 7,800 miles for all trucks) but also from the heavier average load carried (10.1 tons as compared with an average of 4.4 tons for all trucks). The heavier loads carried by for-hire trucks is to be expected since, as revealed in the appendix, nearly two-fifths of these vehicles have a gross vehicle weight of over 15 tons whereas less than three per cent of all other classes combined are in this upper weight group. The predominance of heavier vehicles in the for-hire class also explains the low miles per gallon of gasoline ratio of 6.1 as compared with a ratio of 9.8 for all vehicles.

Section 2: Traffic Within the Province

This section presents estimates of traffic performed by Ontario registered trucks entirely inside the province excluding the "outside the province" portion of interprovincial and international traffic as well as a small amount of traffic performed entirely outside the province. Comparing the data

presented in Section 1 and Section 2, it is apparent that for-hire vehicles accumulated about 18 per cent and private intercity about 11 per cent of their total net ton miles outside of Ontario.

Section 3: Intraprovincial Traffic

This section includes estimates of for-hire and private intercity operations originating and terminating entirely inside the boundaries of Ontario. It is significant to note that vehicles of over 25 tons accounted for 68.7 per cent of the total net ton miles performed by for-hire trucks in intraprovincial traffic, Of the total net ton miles performed by both for-hire and private intercity trucks, manufactured products accounted for well over 50 per cent.

Section 4: Interprovincial and International Traffic

Statistics of traffic performed by for-hire and private intercity trucks between Ontario and other provinces and the United States are included in this section. On the present basis of sampling motor transport traffic, comparatively few Ontario registered trucks engaging in interprovincial and international traffic are included in these surveys and as a result wholly reliable estimates of such traffic have not been obtained. Hence the data in this section of of the report should be used with considerable caution.

These estimates indicate with some reasonableness, however, that almost three-quarters of the total tons of goods carried by Ontario registered trucks in interprovincial and international traffic was with Quebec; and, that over one-third of the total net ton miles performed and about one-quarter of the revenue earned by for-hire vehicles was in interprovincial and international operations.

Sections 5 and 6: Intercity Bus Traffic

Section 5 presents statistics on intercity bus traffic both inside and outside the province while Section 6 covers traffic within the province only. There is little significant difference in the data presented in these two sections indicating that a relatively small proportion of traffic by Ontario registered buses was performed outside provincial boundaries.

SECTION 1. TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE JANUARY 1 — DECEMBER 31, 1957

TABLE 1. All Trucks by Type of Operation

The same of the sa	For hire		Private		Total
1		Intercity	Urban	Farm	
Mileage:					
Total mileage travelled	352, 930 25, 600 56, 8 28, 8	781, 992 10, 300 34. 3 54. 6	702, 766 6, 200 9, 6 45, 6	227, 968 3, 700 13. 8 67. 3	2,065,656 7,800 31.7 48.5
Fuel:					
Total gallons of gasoline consumed '000 Miles per gallon of gasoline 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	48, 498 6. 1 8, 791 6. 3	76, 851 9, 9 3, 218 6, 4 71 7, 1	61,990 11.3 91 5.6	15, 940 14. 3	203, 279 9, 8 12, 100 6, 3 71 7, 1
Weight of goods carried:					
Total tons of goods carried '000 Average weight carried ton	44, 843 10. 1	46, 638 4. 5	52, 336 [, 3	4.776	148, 593 4, 4
Net ton miles:					
Total net ton miles performed	2, 547, 166 184, 500	1, 600, 953 21, 100	503, 240 4, 400	65, 830 1, 100	4, 717, 189 17, 800
Capacity ton miles:				i	
Total capacity ton miles 2	5, 553, 059 402, 300 45. 9	3, 912, 931 51, 600 40, 9	1, 645, 482 14, 500 30, 6	286, 435 4, 600 23. 0	11, 397, 907 43, 000 41, 4
Gross ton miles:					
Total gross ton miles or truck '000	5, 114, 956 370, 600	4, 390, 089 57, 900	2, 231, 286 19, 600	484, 484 7, 900	12, 220, 815 46, 100
Revenue:					
Total revenue \$'000 Povenue per ton mile ¢ Revenue per mile (total mileage travelled) ¢ A rage revenue per truck \$	174, 229 6. 8 49. 4 12, 600		=	-	

TABLE 2. All Trucks by Gross Vehicle Weight Groups

	0-2½ tons 0-5,000 lbs.	2 ¹ / ₂ - 5 tons 5,001 - 10,000 lbs.	5-7½ tons 10,001-15,000 lbs.	7½- 10 tons 15,001- 20,000 lbs.	10 - 15 tons 20,001 - 30,000 lbs.	Over 15 tons 30,001 lbs. and over	Totai
Mileage:							
Total mileage travelled	896, 970 5, 800 17. 1 65. 8	306, 013 5, 900 13, 1 38, 9	83, 980 7, 300 12. 6 33, 3	167, 590 9, 100 14, 4 36, 6	225, 792 13, 800 13, 1 42, 5	385, 311 32, 400 71. 8 28, 1	2,065,656 7,800 31,7 48.5
Fuel:							
Total gallons of gasoline consumed'000 Miles per gallon of gasoline Total gallons of dlesel oil consumed'000 Miles per gallon of dlesel oil Total gallons of other fuel consumed'000 Miles per gallon of other fuel	59,076 15,2 — — —	25, 324 12, 1 — — 32 10, 7	8, 707 9, 6 — — —	20, 523 8. 2 — — —	31, 593 7, 1 165 6, 5	58, 056 5. 3 11, 935 6. 3 39 4. 0	203, 279 9, 8 12, 100 6, 3 71 7, 1
Weight of goods carried:			I WILL				
Total tons of goods carried'000 Average weight carried¹ ton	4,863 0.3	10, 204	7, 661	22, 707 3. 1	56, 747 5, 7	46, 411 12. 0	148, 593 4, 4
Net ton miles:							
Total net ton miles performed'000 Average net ton miles per truck	82, 927 500	133, 425 2, 600	96, 575 8, 400	326, 115 17, 600	744, 397 45, 600	3, 333, 750 280, 500	4, 717, 189 17, 800
Capacity ton miles:							
Total capacity ton miles 2 '000 Average capacity ton miles per truck Percentage of capacity utilized	713, 034 4, 600 11. 8	460, 758 8, 800 29, 0	272, 645 23, 800 35, 4	873, 439 47, 200 37. 3	1,799,288 110,200 41.4	7, 278, 743 612, 400 45, 8	11, 397, 907 43, 000 41, 4
Gross ton miles:							
Total gross ton miles 1	1, 508, 460 9, 700	818, 280 15, 700	384, 825 33, 600	1, 006, 324 54, 400	1, 846, 486 113, 100	6, 656, 640 560, 000	12, 220, 815 46, 100

TABLE 3. For Hire Trucks by Gross Vehicle Weight Groups

	0-2½ tons	2½-5 tons	5 - 7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:							
Total mileage travelled	553 5,100 24.8 74.6	5.791 12.100 5.1 29.8	6,193 9,400 14.5 30.5	33,541 12,500 14.4 30.3	74,756 16,100 14.3 41.8	232, 096 44, 400 118, 2 24, 2	352, 930 25, 600 56.1 28.8
Fuel;							
Total gallons of gasoline consumed	13.1 - - - -	592 9.8 —	630 9. 8 — — —	4,204 8.0 — —	9, 983 7.4 123 6.4	33,047 5.4 8,668 6.3 —	48,498 6.1 8.791 6.3
Weight of goods carried:							
Total tons of goods carried	0.1	1,100	547 1.8	5.480 3.4	19, 279 6. 3	18.436 12.4	44, 843 10. 1
Net ton miles:							
Total net ton miles performed	18 200	5.587 11.700	7.927 12.000	78,997 29,500	275,753 59,300	2, 178, 884 417, 200	2,547,166 184,500
Capacity ton miles:							
Total capacity ton miles 2	470 4,400 3.6	12.782 26.900 43.7	19,832 30,000 40.0	184.474 68,800 42.8	618.515 132,900 44.6	4,716,986 903,100 46.2	5.553,059 402,300 45.9
Gross ton miles:							
Total gross ton miles'000 Average gross ton miles per truck'	930 8,600	20,175 42,300	28, 814 43, 700	214.892 80,100	637,433 137,000	4,212,712 806,600	5,114,956 370,600
Revenue:							
Total revenue \$'000 Revenue per ton mile \$ Revenue per mile (total mileage traveiled) \$ Average revenue per truck \$	33 184.2 5.9 300	1,162 20.8 20.1 2,400	3,261 41.1 52.7 4,900	12,243 15.5 36.5 4.600	22,411 8.1 30.0 4,800	135,119 6.2 58.2 25,900	174, 229 6, 8 49, 4 12, 600

TABLE 4. Private Intercity Trucks by Gross Vehicle Weight Groups

	0 - 2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:							
Total mileage travelled	348.111 7.900 24.4 72.6	104,132 8,800 17.9 44.8	30, 655 10, 200 18, 0 38, 8	72,974 10,900 22.5 42.5	95,839 16,100 17.2 43.8	130.081 30.300 62.5 33.0	781,992 10,300 34.3 54.6
Fuel:							
Total gallons of gasoline consumed	22.647 15.4 —	8,503 12.2 — — — 32 10.7	3,198 9.6 — — —	8,710 8.4 — — —	13.308 7.2 42 6.5	20.485 5.3 3.176 6.4 39 4.0	76.851 9.9 3,218 6.4 71 7.1
Weight of goods carried:							
Total tons of goods carried	1,521	2,557 0.8	2, 130 2. 0	6,226	17,606 5.6	16,598	46,638 4.5
Net ton miles:							
Total net ton miles performed	37.059 800	45.648 3,900	38,311 12,600	140.059 20,900	301,962 50,600	1,037,914 241,900	1,600.953 21,100
Capacity ton miles:						- indu	
Total capacity ton miles	278, 745 6, 300 13, 3	157, 456 13, 300 29. 0	103.557 34.100 37.0	378, 473 56, 400 37. 0	753.320 126.200 40.1	2.241,380 522,500 46.3	3, 912, 931 51, 600 40, 9
Gross ton miles:							
Total gross ton miles per truck	569, 651 13, 400	279,644 23,600	146.426 48,200	442,106 65,800	770,988 129,100	2.161.074 503,700	4.390,089 57.900

See footnotes page 11.

SECTION II. TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS WITHIN THE PROVINCE JANUARY 1 - DECEMBER 31, 1957

TABLE 1. All Trucks by Type of Operation

	For hire		Private		Total
	For nire	Intercity	Urban	Farm	Total
Mileage:					
Total mileage travelled	310, 544 22, 500 46, 9 30, 5	756, 417 10, 000 30, 9 55, 3	702, 766 6, 200 9, 6 45, 6	227, 968 3, 700 13, 8 87, 3	1,997,695 7,500 27,6 49,4
Fuel:					
Total gallons of gasoline consumed	44, 631 6, 2 5, 217 6, 6	73,882 10,0 2,231 6,2 71 7,1	61,990 11.3 91 5.6	15, 940 14. 3	196, 443 9, 9 7, 539 6, 5 71 7, 1
Weight of goods carried:			4 2 4		
Total tons of goods carried '000 Average weight carried ton	44, 499 9. 7	46, 388 4- 2	52, 336 1. 3	4, 776 0, 9	147, 999 4. 0
Net ton miles:			i i		
Total net ton miles performed	2, 085, 348 151, 100	1, 431, 952 18, 900	503, 240 4, 400	65, 830 1, 100	4, 086, 370 15, 400
Capacity ton miles:					
Total capacity ton miles 2	4, 280, 504 310, 100 48, 7	3, 597, 426 47, 400 39. 8	1, 645, 482 14, 500 30, 6	288, 435 4, 600 23. 0	9,809,847 37,000 41.7
Gross ton miles:					
Total gross ton miles or truck '000 Average gross ton miles per truck	4, 307, 131 312, 000	4, 054, 368 53, 500	2, 231, 286 19, 600	484, 484 7, 900	11, 077, 269 41, 800
Revenue:					
Total revenue \$'000 Revenue per ton mile \$ Revenue per mile (total mileage travelled) \$ Average revenue per truck \$	151, 940 7, 3 48, 9 11, 000	-	dilita dilitage 	=	=

TABLE 2. All Trucks by Gross Vehicle Weight Groups

	0-2½ tons 0-5,000 lbs.	2½ - 5 tons 5,001 - 10,000 lbs.	5.7½ tons 10,001-15,000 lbs.	7½-10 tons 15,001-20,000 lbs.	10-15 tons 20,001-30,000 lbs.		Total
Mileage:							
Total mileage travelled	894, 829 5, 800 16. 8 65. 8	304, 305 5, 800 13. 0 38. 9	83, 821 7, 300 12, 5 33, 3	168, 766 9, 000 14. 3 36. 6	220, 314 13, 500 12, 8 42, 5	327, 858 27, 600 59, 4 29, 6	1, 997, 695 7, 500 27, 6 49, 4
Fuel:							
Total gallons of gasoline consumed'000 Miles per gallon of gasoline'000 Total gallons of diesel oil consumed'000 Miles per gallon of diesel oil	58, 903 15, 2 —	25, 209 12, 1	8, 669 9, 6 —	20, 454 8. 2	30, 694 7, 2 104 6, 3	52, 514 5. 3 7, 435 6. 5	196, 443 9, 9 7, 539 8, 5
Total gallons of other fuel consumed '000 Miles per gallon of other fuel	=	32 10. 7	_	_	_	4.0	7. 1 7. 1
Weight of goods carried:							
Total tons of goods carried'000 Average weight carried ton	4, 859 0. 3	10, 203 0. 7	7, 651 1, 7	22, 707 3. 1	56, 707 5. 7	45, 872 11, 8	147, 999 4. 0
Net ton miles:							
Total net ton miles performed'000 Average net ton miles per truck	61, 585 500	132, 718 2, 500	95, 888 8, 400	324, 702 17, 500	724, 643 44, 400	2, 726, 854 229, 400	4, 086, 370 15, 400
Capacity ton miles:							
Total capacity ton miles?	709, 295 4, 600 11, 5	457, 874 8, 800 29, 0	271, 656 23, 700 35. 3	869, 100 47, 000 37, 4	1, 755, 422 107, 500 41, 3	5, 746, 500 483, 500 47, 5	9,809,847 37,000 41.7
Gross ton miles:							
Total gross ton miles of truck	1, 503, 543 9, 700	813, 174 15, 600	382, 726 33, 400	1, 00 1, 716 54, 100	1,796,273 110,000	5, 579, 837 469, 400	11,077,269 41,800

TABLE 3. For Hire Trucks by Gross Vehicle Weight Groups

	0 - 2½ tons	2½-5 tons	5 - 7½ tons	7½ - 10 tons	10 - 15 tons	Over 15 tons	Total
Mileage:							
Total mileage travelled	553 5, 100 24. 8 74. 6	5,791 12,100 5.1 29.8	6,095 9,200 14.3 31.0	33,347 12,400 14.4 30.2	73,801 15,900 14,0 42.2	190,957 36,600 95.2 25.9	310,544 22,500 46,9 30,5
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline '000 Total gallons of diesel oil consumed '000 Miles per gailon of diesel oil '000 Miles per gallon of other fuel consumed '000 Miles per gallon of other fuel '000	13.1	592 9.8 — — —	618 9.9 — —	4,179 8.0 — — —	9,909 7,4 46 8.5	29, 291 5, 4 5, 171 6, 6	44,631 6,2 5,217 6,6
Weight of goods carried:							
Total tons of goods carried '000 Average weight carried ton	0.1	1,100 1.4	536 1.8	5,480	19,279 6.3	18, 103 12. 2	44,499 9,7
Net ton miles:							0 000 010
Total net ton miles performed '000 Average net ton miles per truck	18 200	5,587	7,658 11,600	78,838 29,400	270,537 58,100	1,722,710 329,800	2,065,348 151,100
Capacity ton miles:							
Total capacity ton miles 2	4.400 3.8	12,782 26,800 43.7	19,580 29,600 39,2	183,655 68,500 42.9	610, 674 131, 200 44. 3	3, 453, 363 661, 200 49. 9	4,280,504 310,100 48.7
Gross ton miles:							
Total gross ton miles a	930 8,600	20,175 42,300	28,222 42,800	214,002 79,800	627,512 134,900	3,416,290 654,100	4,307,131
Revenue:							
Total revenue \$'000 Revenue per ton mile \$ Revenue per mile (total mileage travelled) \$ Average revenue per truck \$	33 184.2 5.9 300	1,162 20.8 20.1 2,400	3,241 42.3 53.2 4,900	12,053 15.3 36.1 4,500	21,993 8,1 29,8 4,700	113,458 6.6 59.4 21,700	151,940 7.3 48.9 11,000

TABLE 4. Private Intercity Trucks by Gross Vehicle Weight Groups

	0 - 2½ tons	2½-5 tons	5 - 7½ tons	7½ - 10 tons	10-15 tons	Over 15 tons	Total
Mileage:							
Total mileage travelled	345,970 7,900 23,5 72,7	102,424 8,600 17.6 44.8	30,594 10,100 17.8 38.9	72,346 10,800 22,3 42,5	91,316 15,300 16,4 43,4	113,767 26,500 54.1 33.8	756,417 10,000 30.9 55.3
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline '000 Total gallons of diesel oil consumed '000 Miles per gallon of diesel oil '000 Total gallons of other fuel consumed '000 Miles per gallon of other fuel '000	22,474 15.4 ————————————————————————————————————	8,388 12.2 — — 32 10.7	3, 172 9.6 — — —	8,666 8.3 — — —	12,483 7,3 58 4,7	18,699 5,4 2,173 6,2 39 4.0	73,882 10.0 2,231 6,2 71 7.1
Weight of goods carried:							
Total tons of goods carried	1,517	2,556 0.8	2, 131 2, 0	6,226	17,566 5.6	16,392	46,388
Net ton miles:							
Total net ton miles performed	35,697 800	44,941 3,800	37,893 12,500	138,805 20,700	287, 424 48, 100	887, 192 206, 800	1,431,952 18,900
Capacity ton miles:							
Total capacity ton miles	275,006 6,300 13.0	154,572 13,000 29.1	102,840 33,800 36.8	374,953 55,800 37.0	717, 295 120, 200 40. 1	1,972,760 459,900 45.0	3,597,426 47,400 39,8
Gross ton miles:							
Total gross ton miles '000 Average gross ton miles per truck	584,934 13,300	274,538 23,200	145,119 47,700	438,388 65,300	730,696 122,400	1,880,693 438,400	4,054,368 53,500

See footnotes page 11.

TABLE 5. Private Urban Trucks by Gross Vehicle Weight Groups

	0 - 2½ tons	2½ - 5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:							
Total mileage travelled	374, 703 5, 900 16, 1 56, 6	158, 210 5, 700 13, 4 31, 3	42,320 6,300 9,9 28,2	53, 331 6, 700 9, 0 31, 2	51,068 9,700 7,9 41,3	23, 134 9, 700 10, 3 39, 4	702, 766 6, 200 9, 6 45, 6
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline Total gallons of diesel oil consumed '000 Miles per gallon of diesel oil Total gallons of other fuel consumed '000	25, 281 14. 8	13, 225 12. 0	4, 411 9. 6 —	6,813	7, 736	4, 524 5. 0 91 5. 6	61, 990 11, 3 91 5, 6
Miles per gallon of other fuel	_	-	_	_	_	_	_
Weight of goods carried:							
Total tons of goods carried '000 Average weight carried ton	1,804 0.2	5, 017 0. 6	4, 657 1. 5	10, 117 2. 5	19,364 5.1	11,377 8.3	52,336
Net ton miles:							
Total net ton miles performed	29,092 500	67, 233 2, 400	46,125 6,900	91,070 11,500	152, 768 29, 100	116, 952 49, 300	503, 240 4, 400
Capacity ton miles:							
Total capacity ton mlles 2	294, 121 4, 600 9, 9	233, 460 8, 500 28. 8	133, 828 20, 100 34. 5	267,108 33,600 34-1	396, 588 75, 600 38. 5	320, 377 135, 000 36, 5	1,645,482 14,500 30.6
Gross ton miles;							
Total gross ton miles *	628, 759 9, 800	422,877 15,300	189, 693 28, 500	302, 483 38, 100	404, 620 77, 100	282, 854 119, 200	2, 231, 286 19, 600

TABLE 6. Private Farm Trucks by Gross Vehicle Weight Groups

	0 - 2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10 - 15 tons	Over 15 tons	Tota l
Mileage:							
Total mileage travelled	173, 603 3, 700 10. 9 71. 9	37, 880 3, 100 9, 8 56, 0	4,612 4,200 12.9 47.0	7, 744 6, 600 18, 1 45, 7	4,129 9,100 27.9 40.9	-	227, 968 3, 700 13, 8 67, 3
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline '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 '000	11, 106 15, 6	3,004	468 9.8 — —	796 9. 7 — — —	566 7.3 —	100. 100 100 100 100	15. 940 14. 3 — —
Weight of goods carried:							
Total tons of goods carried '0 00 Average weight carried ton	1, 537 0, 3	1,530 0.9	327 1. 7	884 3. 8	496 5. 7	unus alake	4,776
Net ton miles:							
Total net ton miles performed	16, 758 400	14, 957 1, 200	4,212 3,900	15,989 13,600	13,914 30,500		65, 830 1, 100
Capacity ton miles:							
Total capacity ton miles 2 '000 Average capacity ton miles per truck Percentage of capacity utilized	139, 698 3, 000 12- 0	57,060 4,600 26.2	15, 428 14, 200 27, 3	43, 384 36, 900 36, 9	30, 865 67, 700 45. 1	=	286, 435 4, 600 23. 0
Gross ton miles:							
Total gross ton miles Average gross ton miles per truck	288.920 6, 200	95, 584 7, 800	19,692 18,100	46.843 39,800	33, 445 73, 300	adedo	484, 484 7, 900

¹ Ton miles divided by miles travelled with load.
² Capacity ton miles are determined by multiplying the actual total 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.

TABLE 7. Selected Statistics of Intercity Traffic by Gross Vehicle Weight Groups

				For hire					
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		
	'000 tons	'000	,000	tons	miles	\$'000	ŧ		
0,000 ibs. and under	1,101	4,207	5,605	1.3	5. 1	1, 195	21,3		
0,001-20,000 lbs.	6,016	27, 476	86, 496	3.1	14.4	15, 294	17. 7		
30,001-30,000 lbs	19,279	42,661	270,537	6.3	14.0	21,993	8.1		
0,001-50,000 lbs	5,281	28,854	238,865	8.3	45, 2	21,409	9.0		
0,001 lbs. and over	12,822	112,578	1,483,845	13,2	115,7	92,049	6, 2		
Total	44,499	215, 776	2,085,348	9. 7	46, 9	151,940	7, 3		
	Private intercity								
	Weight of goods carried	tra	l miles velled th load	elled ton		nge ht	Average distance per ton		
	'000 ton	8	000	,000	tons	3	miles		
0,000 lbs. and under	4	.073	150,903	80,638		0,5	19, 8		
0,001 - 20,000 lbs	8	,357	60,325	176,698		2,9	21.1		
0,001-30,000 lbs	17	, 566	51,654	287, 424		5.6	16, 4		
0,001 - 50,000 lbs	6	,951	25,570	225, 762		8.8	32, 5		
0,001 lbs. and over	9	, 441	49,758	661,430		13,3	70, 1		
Total	46	. 388	338, 210	1, 431, 952	,	4, 2	30.9		

SECTION III. INTRAPROVINCIAL TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS JANUARY 1 – DECEMBER 31, 1957

TABLE 1. Selected Statistics by Gross Vehicle Weight Groups

	For hire								
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		
	'000 tons	,000	'000	tons	miles	\$'000	ė		
10,000 lbs. and under	1,050	3,111	4,301	1,4	4, 1	926	21,		
10,001 - 20,000 lbs.	3,438	21,367	69,081	3, 2	20.1	10, 192	14,		
20,001 - 30,000 lbs	12,472	34,732	220,546	6.4	17.7	17, 311	7.		
30,001-50,000 lbs	2,782	19,552	166, 324	8.5	59.8	14,600	8.		
50,001 lbs. and over	9,570	76,567	1,012,347	13, 2	105.8	66,917	6,		
Total	29, 312	155, 329	1,472,599	9.5	50, 2	109, 946	7,		
Mily San Sylven		Private intercity							
	Weight o goods carried	tra	l miles velled th load	Total net ton miles	Avers welg carri	ht	Average distance per ton		
	'000 tons		000	,000	toni		miles		
0,000 lbs. and under	3	, 643	133,555	75, 640	8	0.6	20.		
0,001 - 20,000 lbs.	7	. 321	55,092	165, 446	8	3.0	22.		
0,001 - 30,000 lbs	16	,421	46,989	267, 513	2	5.7	16.		
0,001 - 50,000 lbs	6	, 235	22,313	199,89	5	9.0	32.		
60,001 lbs. and over	8	, 459	39, 294	520,83	4	13, 3	61.		
Total	42,	079	297, 243	1, 229, 33	3	4.1	29.		

TABLE 2. Selected Statistics by Commodity Groups

	For hire								
Commodity classification	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	1,002	7.987	85, 375	10. 7	85. 2	4, 678	5.		
Animals and animal products	1,659	22, 745	108, 301	4.8	65.3	10, 168	9.		
line products	15.821	19, 448	183, 734	9. 4	11.6	11,564	6.		
Forest products	550	3,003	29, 729	9.9	54.1	2,029	6.		
Manufactures and miscellaneous	8, 157	74, 126	841,686	11.4	103. 2	56, 746	6.		
.O.S. general freight	2, 123	28, 020	223, 774	8.0	105. 4	24, 761	11.		
Total	29, 312	155, 329	1, 472, 599	9. 5	59, 2	109, 946	7.		
			P	rivate intercity			*		
	Weight o goods carried	tra	l miles velled h load	Total net ton miles	Avers weig carri	ht	Average distance per ton		
	'000 tons	3	000	.000	ton	5	miles		
gricultural products	2	. 838	22, 068	128, 126	3	5, 8	45.		
nimals and animal products	1	, 834	36, 921	100,666	3	2.7	54.		
tine products	19.	632	20,372	161, 523	3	7.9	8.		
orest products	2.	497	14, 461	99, 169	9	6.9	39.		
anufactures and miscellaneous	14	044	186, 457	671,546	3	3.6	47.		
O.S. general freight	1.	. 234	16,964	68, 30	1	4. 0	55.		
Total	49	079	297, 243	1, 229, 333	2	4.1	29.		

SECTION IV. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY ONTARIO REGISTERED TRUCKS

JANUARY 1 - DECEMBER 31, 1957

TABLE 1. Tons of Goods Carried

	For hire			Private intercity			Total		
Origin or destination	Into Ontario	Out of Ontario	Total	Into Ontario	Out of Ontario	Total	Into Ontario	Out of Ontario	Total
					'000 tons				
Newfoundland	_	700	_	Title	_	-	-	_	-
Prince Edward Island	-	= 11_	-	_	-	-	-	-	_
Nova Scotia	-	-	-	2	-	2	2		2
New Brunswick	-115	-	-	-	-	_	***	-	-
Quebec	936	926	1. 862	175	272	447	1, 111	1, 198	2, 309
danitoba	29	67	96	56	20	76	85	87	172
askatchewan	Aprillo	1	1	Tiles	2	2	Proper	3	3
Alberts	38	43	81	3	7	10	41	50	91
British Columbia	2	5	7	2	3	5	4	8	12
Inited States	159	134	293	174	75	249	333	209	542
Total	1, 164	1, 176	2, 340	412	379	791	1,576	1, 555	3, 131

TABLE 2. Selected Statistics by Gross Vehicle Weight Groups

				For hire					
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		
	'000 tons	'000	'000	tons	miles	\$'000	¢		
10,000 lbs. and under	_	_		-	_	_	-		
0,001-20,000 lbs	6	252	390	1, 5	65. 7	298	76. 3		
0,000 - 30,000 lbs	25	1, 283	7, 436	5, 8	296. 4	555	7. 9		
0,001 - 50,000 lbs	398	13,722	119, 554	8.7	300.3	8,840	7.		
0,001 lbs. and over	1,911	53, 651	743,009	13, 8	388.8	34, 822	4.		
Total	2, 340	68, 908	870, 389	12, 6	372.0	44, 515	5.		
	Private intercity								
	Weight o goods carried	tra	l miles velled h load	Total net ton miles	Avera weig carri	ht	Average distance per ton		
	'000 ton	s	'000	,000	ton	s	miles		
0,000 lbs, and under		21	2, 422	1, 27	6	0. 5	60.		
0.001 - 20.000 lbs.		60	1, 437	4, 31	1	3, 0	71.		
0.001-30.000 lbs		72	1,840	10, 35	4	5. 6	144.		
0.001 - 50,000 lbs		208	4, 39 1	45, 55	1	10, 4	218.		
0,001 lbs. and over		430	14, 317	199, 50	5	13. 9	463.		
Total		791	24, 407	260, 99	7	10. 7	329.		

TABLE 3. Selected Statistics by Commodity Groups

				For hire					
Commodity classification	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	91	3, 318	45, 722	13. 8	500.4	1,736	3, 8		
Animals and animal products	109 7,806		91, 497	11.7	841.0	3, 540	3.9		
Mine products	5	165	1, 848	11. 2	363.0	86	4. 6		
Forest products	4	36	437	12, 3	118.3	36	8. 3		
Manufactures and miscellaneous	1,581	41,952	516, 692	12, 3	326.7	27,032	5. 2		
N.O.S. general freight	550	15, 631	214, 193	13.7	389.7	12,085	5. 6		
Total	2, 340 68, 908		870, 389	12, 6	372. 0	44, 515	5. 1		
	Private intercity								
	Weight o goods carried	tra	l miles velled	Total net ton miles	Avera weig carri	ht	Average distance per ton		
	'000 ton	8	000	'000	tons		miles		
		88	2, 301	22, 48	1	9.8	255. 5		
Agricultural products		77	3, 359	32, 86		9,8	426.0		
Animals and animal products		4	26		7	1.0	7, 5		
Mine products		100	685	9,04		13. 2	90.		
Forest products		458	14, 024	137, 96	l l	9.8	301,0		
Manufactures and miscellaneous		64	4,012	58, 61		14.6	915. 7		
Total		791	24,407	260, 95	7	10, 7	329. 8		

SECTION V. TRAFFIC PERFORMED BY ONTARIO REGISTERED BUSES INSIDE AND OUTSIDE THE PROVINCE JANUARY 1 - DECEMBER 31,1957

TABLE 1. By Passenger Seating Capacity

	0-19	20 - 29	30 - 39	40 and over	Total
Milenge:			direction of the second		
Total mileage travelled	1,720 25,300 18.3	3,114 13,700 25.1	13. 463 25. 100 27. 5	8,137 36,300 29.0	26, 434 25, 000 27, 7
Fuel:					
Total gallons of easiline consumed '000 Miles per gallon of gasoline 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 consumed '000 Miles per gallon of other fuel	229 7.5 — — —	426 6.6 32 9.7	1.475 4.9 689 9.0	228 4.9 1,010 6.9	2, 358 5, 5 1, 731 7, 8
Passengers and passenger miles:					
Total number of passengers carried '000 Total number of passenger miles '000 Average number of passengers carried per mile	178 3, 256 1. 9	1.666 41.808 13.4	8,386 230,799 17-1	6. 048 175, 246 21. 5	16. 278 451. 119 17. 1
Capacity:					
Total capacity seat miles	20.004 16.3	90, 500 46.2	524, 121 44. 0	348, 452 50. 3	983.077 45.9
Revenue:					
Total passenger revenue \$'000 Revenue per mile (total mileage travelled) \$ Revenue per passenger mile \$ Revenue per bus \$	83 4.8 2.5 1,200	926 29.7 2.2 4.100	6, 823 50. 7 3. 0 12, 700	4,632 56.9 2.6 20.700	12.464 47.2 2.8 11.800

SECTION VI. TRAFFIC PERFORMED BY ONTARIO REGISTERED BUSES WITHIN THE PROVINCE JANUARY 1 - DECEMBER 31, 1957

TABLE 1. By Passenger Seating Capacity

	0-19	20-29	30-39	40 and over	Total
Mileage:					
Total mileage travelled	1,720 25,300 18.3	2, 848 12, 500 23, 6	12.838 24.000 26.5	7, 998 35, 700 28. 5	25. 404 24, 100 26. 9
Fuel:					
Total gallons of gasoline consumed '000 Miles per gallon of gasoline 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 consumed '000	229 7. 5 — —	387 6.6 31 9.8	1, 452 5, 0 630 9, 0	225 4.9 900 7.0	2. 293 5. 5 1. 651 7. 8
Passengers and passenger miles:					
Total number of passengers carried	3, 266 1, 9	1.589 37,476 13.2	8, 261 218, 756 17, 0	6,045 172,387 21.6	16,073 431,885 17.0
Capacity:					
Total capacity seat miles	20, 004 16. 3	82, 780 45. 3	471,882 46.4	342.397 50.3	917, 063 47, 1
Revenue:					
Total passenger revenue \$'000 Revenue per mile (total mileage travelled) ¢ Revenue per passenger mile ¢ tevenue per bus \$	83 4.8 2.5	808 28. 4 2. 2 3, 500	6,530 50.9 3.0 12,200	4, 539 56. 8 2. 6 20, 300	11.960 47.1 2.8 11.300



APPENDIX

Sampling Results

Type of operation	0-2½ tons 0-5,000 1bs.	2½-5 tons 5,001-10,000 lbs.	5-7½ tons 10,001-15,000 lbs.	7½-10 tons 15,001-20,000 lbs.	10-15 tons 20,001-30,000 lbs.	Over 15 tons 30,001 lbs. and over	Total				
		Estimated average Ontario truck population January 1 — December 31, 1957 108									
For hire	108	477	660	2, 682	4,653	5, 223	13,80				
Intercity Urban Farm	64,026	27, 612	6,666	7,938	5, 247		75. 84 113, 86 61, 67				
Total	154, 784		11, 452	18,510	16, 326	11, 886	265, 18				
			Total number	of trucks selec	ted in samples						
For hire	6	53	104	445	1,538	1,708	3, 85				
Intercity Urban Farm	3, 517	3,002	1,072	1, 285	1,651		8, 48 11, 27 4, 40				
Total	8, 500	5, 676	1,839	3,008	5, 204	3, 790	28,01				
			Number of ques	stionnaires retu	rned completed						
							0.05				
For hire Private: Intercity							2,05 4,34				
Urban Farm	1,827	1,436	525	640	786	420	5, 63 2, 22				
Total	4, 428	2,727	906	1, 502	2, 367	2, 331	14, 26				
		Number of	sampled trucks	s reported not i	n use during su	rvey week					
For hire	3	11	31	126	536	264	97				
rivate: Intercity							2, 19				
Parm							3, 01 1, 05				
Total	1,803	1, 603	515	884	1, 650	779	7, 23				
		Number	of questionnai	res returned in	complete and u	nusable					
For hire		7	10	66	250	105	4.3				
rivate: Intercity		183	63	113	244	115	1, 10				
UrbanFarm	576	422 196	143 24	134 19	221 18	62	1.55				
Total	1,389	808	240	332	733	282	3, 784				
		Number of questionnaires not returned (non-respondents)									
For hire		5	8	38	146	192	390				
Intercity Urban Farm	353	127 277 129	104 17	110 123 19	158 137 13	132 74 —	1,068 446				
Total	880	538	178	290	454	398	2, 738				

¹ Statistics appearing in this cell throughout the report are not considered reliable.