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Second survey (see  
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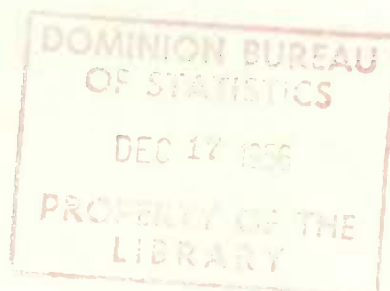


CANADA

# MOTOR TRANSPORT TRAFFIC STATISTICS

PROVINCE OF ONTARIO

Year ended June 30, 1956



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## INTRODUCTION

In June of this year, the first detailed report of the quarterly Motor Transport Traffic Survey was released by the Bureau. The report was for the Province of Manitoba covering the twelve month period July 1, 1954 to June 30, 1955.

This is the second release in a series which presents the results of the quarterly surveys in

Provinces across Canada and represents the results of four quarterly surveys conducted in the Province of Ontario during the twelve month period July 1, 1955 to June 30, 1956. Sample surveys are now being carried out in all other provinces and similar provincial annual reports will follow until Motor Transport Traffic Statistics can be produced for all Canada on a calendar year basis.

### General Description of the Sample

Statistics presented in this report have been obtained from quarterly sample surveys in the Province of Ontario over the twelve month period ending June 30, 1956. The results of each quarterly sample survey were expanded to represent all trucks and inter-city buses registered in the province as at the time each individual survey was conducted. Since the surveys were for seven day periods, the results were also used to estimate traffic performed over the full three months of each quarter. The resultant expanded data for each of the four surveys were then added together to obtain provincial estimates for the twelve month period.

All trucks and buses registered in the Province of Ontario are represented in the statistics except trucks not engaged in transportation services and buses utilized for urban transit services. These include tow trucks, hearses, ambulances, snowmobiles, farm tractors, cranes, bulldozers, cat tracks, diggers, graders and other road building equipment, military and other government owned vehicles, taxis and passenger automobiles and those vehicles which are not required to obtain Ontario licence permits under Section 9 of the Ontario Highway Traffic Act. Although trailers as such are excluded, the details of tractor-trailer combinations are obtained by including the power units or tractors in the survey.

Through the excellent co-operation of the Provincial Government of Ontario and, in particular, the officials of the Ontario Department of Highways and the Motor Vehicle Branch, a sample of trucks and buses was selected at random each quarter from provincial registration records in Toronto.

Each sample of approximately 7,000 vehicles was selected quarterly immediately prior to the survey in order to be representative of the registrations currently in force. Each registration selected for inclusion in the sample was coded so that any particular vehicle would not be chosen more than once during a particular licence year.

Each quarterly sample selected from the provincial registrations was stratified by gross vehicle

weight groups and as much as possible by function. As the Ontario registration system does not register vehicles on a functional basis it was not possible to classify the vehicles in the sample into "farm", "urban" and "private" prior to the survey. Since all common or for hire vehicles are required to obtain, in addition to the regular commercial licence, a Public Commercial Vehicle plate, it was possible to separate "for hire" vehicles from others. This "other" classification was later divided into "farm", "urban" and "private" on the basis of replies to the survey questionnaire. "Farm" trucks are those which are owned and operated by farmers primarily to transport farm produce to the market, to carry farm supplies and for service purposes. "Urban" trucks are those which are operated primarily within urban areas, and "Private" trucks are those which are owned and operated on intercity routes by business and industry to transport their own raw materials, finished goods and merchandise.

An overall annual sample of ten per cent of all trucks registered in the province was considered sufficient to obtain reliable statistics but since the sample was to be stratified into gross vehicle weight groups, other considerations were important. For example, almost 150,000 vehicles or approximately 58 per cent of the provincial total have a gross vehicle weight of 5,000 pounds or less, whereas only about 11,000 trucks are in the over 30,000 pound group. It was therefore necessary to ensure that each weight group contained a sufficient number of vehicles to obtain reliable data for expansion purposes. The proportion selected by weight group strata varied from 5 per cent in the lowest weight group to about 35 per cent in the heaviest. This tended to improve reliability since the higher sample ratios are concentrated among the weight groups containing the largest vehicles, the smallest number of vehicles and the most diversified type of operations. By distributing the sample in this way an overall ten per cent ratio is made to represent approximately 25 per cent of the capacity of all the vehicles registered.



### REVIEW OF SURVEY RESULTS

The statistical data obtained from these surveys have been divided into five parts or sections according to type of traffic. Section I contains estimates of the traffic performed by all Ontario registered trucks both within and outside the province. Section II presents estimates of traffic performed by all Ontario registered trucks within the boundaries of the province only. Section III provides data relating to the operations of Ontario registered trucks engaged in interprovincial and international traffic. Sections IV and V contain estimates of the traffic performed by Ontario registered buses, on the same basis as that shown in Sections I and II.

Excluding the vehicles which do not perform transportation services, the average number of trucks registered in Ontario during the twelve month period ending June 30, 1956 was 251,679. Of this number 55,879 or 22 per cent were farm trucks used mainly in the growing, servicing, and market activities of the farmer, 117,599 or 47 per cent were trucks used in urban operations, primarily within city or town limits; 66,185 or 26 per cent were private trucks owned and operated by business organizations to transport their own goods; and 12,016 or 5 per cent were common or for hire carriers.

It is emphasized that these average truck population figures were not used to expand the results of the four quarterly surveys. In view of the fact that the truck population varies from day to day throughout the year, the results of each individual survey were expanded to represent the truck population as at the time the survey was conducted. The total truck population was determined by multiplying the number of trucks in each weight group selected in the sample by the inverse of the sample selection ratio. For example, trucks in the 7-1/2 to 10 ton group were selected in the ratio of 1 in 24. The total population was thus determined by multiplying the number of trucks selected in the sample by 24.

In the tables presented herein, blanks appear in a number of places. This is due to the fact that no vehicles for these particular weight classifications were selected in any of the four samples which were drawn. It does not necessarily follow that there are no vehicles belonging to these weight classifications in operation in the province.

**Section I:** The total number of miles travelled by all trucks registered in the province during the year ending June 30, 1956 amounted to 2,083 million miles of which 301 million miles or 14 per cent were accumulated by for hire carriers and 800 million or 38 per cent by private intercity trucks. On the average, trucks registered in the province travelled 8,300 miles during the year, 52.8 per cent of which were travelled with goods aboard and 47.2 per cent empty. The average distance each ton of goods was carried was 31.3 miles. For hire trucks travelled an average of 25,100 miles during the period as compared with an average of 12,100 miles for private intercity vehicles and carried goods

73.4 per cent of the time as against 51.4 per cent for private trucks. The distance each ton of goods was carried by for hire vehicles averaged 54.8 miles and by private trucks 43.8 miles.

The amount of fuel consumed by Ontario registered trucks totalled 208.4 million imperial gallons of gasoline and 7.3 million gallons of diesel oil. As there were a small number of diesel trucks included in the survey, the estimate of the amount of diesel oil consumption is not a very reliable one and should, therefore, be used with caution. Miles per gallon of gasoline varied from 6.0 for the common carriers to 14.4 for farm vehicles. The average for all gasoline trucks amounted to 9.8 miles per gallon, and for diesel trucks 6.5 miles per gallon.

The total volume of goods transported by all trucks registered in Ontario intraprovincially, interprovincially, internationally and extraprovincially (traffic performed entirely outside the province) amounted to 142.4 million short tons. Farm vehicles carried 4.7 million tons or 3 per cent of the total; urban trucks transported 59 million tons or 42 per cent; private trucks 41.1 million tons or 29 per cent and for hire carriers transported 37.6 million tons or 26 per cent of the total volume. Ton miles performed aggregated 4,453 million, an average of 17,700 ton miles per vehicle. Although for hire carriers transported only 26 per cent of the total amount of goods carried, the distance travelled was considerably greater than the three other classes of vehicles with the result that the ton mile performance by for hire trucks averaged 171,600 as compared with 27,200 ton miles for private vehicles and 4,400 ton miles for urban trucks. The average weight of goods carried per one-way trip was 4.1 tons, varying from a low of 1 ton for farm trucks to 9.5 tons for common carriers. The average weight of goods carried per one-way trip as shown in this report is not comparable to the average load produced in the report for the Province of Manitoba. The average weight of goods carried was obtained by dividing the ton miles by the number of miles travelled with a load. The average load, however, was obtained by dividing ton miles by the total number of miles travelled.

Total capacity ton miles, which was based on the actual mileage travelled during the year, amounted to 9,812 million ton miles, an average of 39,000 capacity ton miles per vehicle. Using this estimate of capacity, the percentage of capacity utilized was 45.4 per cent for all trucks and 53.4 per cent for the for hire group. Gross ton miles aggregated 11,366 million ton miles, an average of 45,200 gross ton miles per vehicle.

The total amount of revenue received by common or for hire carriers for all types of service amounted to \$144 million dollars or \$12,000 per vehicle. Revenue per ton mile was 7.0 cents whereas revenue per total mile, which was obtained by dividing total revenue by the total number of miles travelled, amounted to 47.9 cents.



**Section II:** This series presents the total amount of traffic performed by Ontario registered trucks within the boundaries of the province. In addition to the intraprovincial traffic, it includes that portion of interprovincial and international traffic which was performed on Ontario streets and highways.

The total number of miles travelled by Ontario trucks within the province amounted to 2,022 million as compared with the grand total of 2,083 million miles travelled both within and outside the province. The yearly mileage per truck averaged 8,000 miles as against 8,300. Gasoline consumption within the province totalled 201 million gallons. Gasoline trucks thus averaged 9.9 miles per gallon.

The total volume of goods carried in Ontario amounted to 140 million tons. Ton miles totalled 3,983 million as compared with 4,453 million within and outside the province; and average ton miles per vehicle dropped to 15,800 from 17,700. Similarly, the average weight carried per vehicle amounted to 3.8 tons as compared with 4.1 tons and the average distance each ton of goods was carried within the province was 28.5 miles as against 31.3 miles. Total gross ton miles amounted to 10,574 million or an average of 42,000 gross ton miles per vehicle.

Total revenue received by common carriers for the transportation of goods on Ontario streets and highways amounted to \$135 million, an average of \$11,200 per vehicle and 7.1 cents per ton mile.

**Section III:** This section presents some statistics on interprovincial and international traffic. Table 13 shows the total amount of goods transported out of Ontario to other Provinces and the United States as well as the volume of goods transported into Ontario from other Provinces and the United States. Of the total tonnage carried out of Ontario, 1,276,000 tons or 76 per cent were destined for Quebec; 261,000 tons or 16 per cent were transported to the United States and 89,000 tons or 5 per cent to Manitoba. The majority of the goods brought into Ontario originated in the same three areas.

Table 14 shows interprovincial and international traffic by gross vehicle weight groups and by class of carrier. Of total traffic amounting to 1,194 million ton miles, almost 60 per cent or 718 million ton miles were performed by for hire carriers and almost 72 per cent of total traffic was performed by trucks with gross vehicle weight of 50,000 pounds or over.

Commodities carried by vehicles engaged in interprovincial and international traffic are shown in table 15. The total weight of goods transported was 3.4 million tons, of which 2.1 million tons or 62 per cent was carried by for hire trucks. Revenues received amounted to 35.7 million dollars, an average rate of 5.0 cents per ton mile. Each ton of goods was transported an average distance of 348 miles. Manufactures and miscellaneous items totalled 1.5 million tons were the chief commodities

transported for which revenue of 24.3 million dollars was received. As the ton miles performed amounted to 478 million, the average rate per ton mile was 5.1 cents.

Private vehicles engaged in interprovincial and international service transported 1.4 million tons of goods, 824 thousand tons or 60 per cent of which were manufactures and miscellaneous items.

**Section IV:** The total number of passengers carried by intercity buses licensed in Ontario is estimated at 22.4 million. In transporting this number of passengers, buses travelled 32.5 million miles at an average of 27,000 miles per bus and the average distance each passenger was carried was 25.7 miles. The total number of passenger miles performed was 575 million and, for each mile travelled, buses carried an average of 18 passengers. Capacity seat miles performed amounted to 1,153 million indicating that on the average capacity utilized was 49.9 per cent.

In travelling this number of miles, buses used 2.9 million imperial gallons of gasoline and 1.8 million gallons of diesel oil. Gasoline engined buses averaged 6.6 miles per gallon and those using diesel oil 7.5 miles per gallon.

Total revenues received for the transportation of passengers amounted to 13 million dollars, an average of \$11,000 per bus, 41.3 cents per total mile or 2.3 cents per passenger mile.

**Section V:** Within the provincial boundaries of Ontario, buses travelled a distance of 21 million miles using 1.6 million gallons of gasoline and 1.2 million gallons of diesel oil. Estimated passenger miles performed totalled 376 million and per cent capacity utilized was 51.8 per cent. Revenues collected for mileage travelled in Ontario amounted to 8.3 million dollars, an average of \$7,000 per bus at the rate of 2.2 cents per passenger mile.

**Appendix:** The appendix to this report provides an analysis of and the degree of response obtained by the use of the random sample system of collecting Motor Transport Traffic Statistics. For the four quarterly sample surveys conducted in the province over the twelve month period ending June 30, 1956 questionnaires were sent to the owners or operators of 27,985 trucks. Of this total 6,828 were returned with the questions unanswered due to the fact that the vehicles concerned were not operated during the specified week for a number of reasons such as "being repaired", and "operator ill". These questionnaires are, however, considered to be equivalent to being completed returns as allowance for the average number of vehicles not in operation during the year must be made when expanding the survey results to obtain estimates of the total amount of traffic performed by all registered vehicles in the province. In view of this, the total number of satisfactory or completed questionnaires totalled 21,951 or 78.4 per cent of the total sent. In addition, 3,453 questionnaires were returned but they were incompletely filled out and therefore unusable.

**Section I. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1 - 1955 - June 30 - 1956**

**TABLE 1. Total Miles Travelled**

Type of operation <sup>1</sup>	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	Over 15 tons 30,001 lbs and over	Total
Total mileage travelled							
000's							
Farm .....	172,740	43,185	5,683	9,206	2,933	279	234,026
Urban .....	430,027	157,850	36,908	55,455	43,378	23,419	747,037
Private .....	345,389	109,081	25,137	86,338	104,678	129,769	800,392
For hire .....	474	5,925	7,099	34,783	69,261	183,545	301,087
<b>Total .....</b>	<b>948,630</b>	<b>316,041</b>	<b>74,827</b>	<b>185,782</b>	<b>220,250</b>	<b>337,012</b>	<b>2,082,542</b>
Average yearly mileage per truck							
Farm .....	4,200	3,800	4,000	6,800	8,100	20,000	4,200
Urban .....	6,200	5,800	5,500	7,300	10,100	9,500	6,400
Private .....	9,400	10,000	8,300	13,900	18,800	33,500	12,100
For hire .....	12,500	11,400	13,200	12,800	18,300	41,500	25,100
<b>Total .....</b>	<b>6,400</b>	<b>6,300</b>	<b>6,400</b>	<b>10,400</b>	<b>15,700</b>	<b>31,300</b>	<b>8,300</b>
Percentage of total mileage travelled empty							
Farm .....	75.4	58.7	43.5	44.7	44.6	39.8	69.9
Urban .....	57.5	31.6	25.0	33.4	41.1	35.2	47.0
Private .....	66.3	43.8	35.2	34.8	37.7	26.6	48.6
For hire .....	34.8	43.7	32.1	34.6	39.2	19.6	26.6
<b>Total .....</b>	<b>63.9</b>	<b>39.8</b>	<b>30.5</b>	<b>34.8</b>	<b>38.9</b>	<b>23.4</b>	<b>47.2</b>
Average journey (Average distance each ton of goods was carried)							
Farm .....	9.3	14.2	15.5	20.7	22.6	31.2	14.7
Urban .....	14.5	11.4	11.0	8.6	6.7	8.9	8.8
Private .....	29.5	31.8	18.3	25.6	28.4	73.0	43.8
For hire .....	12.9	16.5	26.1	13.8	17.9	109.7	54.8
<b>Total .....</b>	<b>16.7</b>	<b>16.2</b>	<b>14.8</b>	<b>15.1</b>	<b>16.2</b>	<b>66.3</b>	<b>31.3</b>

1. Farm trucks — owned and operated by farmers primarily to transport farm produce and farm supplies. Urban trucks — operated primarily within urban areas. Private trucks — owned and operated on intercity routes by business and industry to transport their own raw materials, finished goods and merchandise. For hire trucks — public commercial vehicles operating anywhere in the province according to license.

**Section I. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1 - 1955 - June 30 - 1956**

**TABLE 2. Total Fuel Consumption**

Type of Operation	Gross vehicle weight groups							
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total	
Farm .....	Total gallons of gasoline consumed							
	000's							
	10, 871	3, 353	616	1, 027	372	44	16, 283	
	29, 982	14, 010	4, 027	7, 145	6, 612	4, 882	66, 658	
	23, 124	9, 067	2, 599	10, 138	13, 860	21, 260	80, 048	
	31	561	768	4, 397	9, 509	30, 139	45, 405	
	<b>Total</b> .....	<b>64, 008</b>	<b>26, 991</b>	<b>8, 010</b>	<b>22, 707</b>	<b>30, 353</b>	<b>56, 325</b>	<b>208, 394</b>
	Total gallons of diesel oil consumed							
	000's							
	Farm .....	—	—	—	—	—	—	—
Urban .....	—	—	—	—	—	—	—	
Private .....	—	20	—	—	1, 198	1, 493	2, 711	
For hire .....	—	—	—	—	488	4, 056	4, 544	
<b>Total</b> .....	—	20	—	—	1, 686	5, 549	7, 255	



**Section I. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1 - 1955 - June 30 - 1956**

**TABLE 2. Total Fuel Consumption - Concluded**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Miles per gallon of gasoline							
Farm .....	15.9	12.9	9.2	9.0	7.9	6.4	14.4
Urban .....	14.3	11.3	9.2	7.8	6.6	4.8	11.2
Private .....	14.9	12.0	9.7	8.5	7.0	5.7	9.8
For hire .....	15.5	10.6	9.2	7.9	7.0	5.2	6.0
<b>Total .....</b>	<b>14.8</b>	<b>11.7</b>	<b>9.3</b>	<b>8.2</b>	<b>6.9</b>	<b>5.3</b>	<b>9.8</b>
Miles per gallon of diesel oil							
Farm .....	—	—	—	—	—	—	—
Urban .....	—	—	—	—	—	—	—
Private .....	—	15.2	—	—	6.6	6.4	6.6
For hire .....	—	—	—	—	6.1	6.6	6.5
<b>Total .....</b>	<b>—</b>	<b>15.2</b>	<b>—</b>	<b>—</b>	<b>6.3</b>	<b>6.3</b>	<b>6.5</b>

**Section I. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1 - 1955 - June 30 - 1956**

**TABLE 3. Total Goods Carried and Ton Miles Performed**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Total tons of goods carried							
000's							
Farm .....	1,618	1,263	463	922	373	29	4,668
Urban .....	2,732	7,227	4,122	11,878	19,726	13,293	58,978
Private .....	1,413	2,397	1,608	7,600	13,229	14,861	41,108
For hire .....	5	257	884	6,379	14,784	15,338	37,647
<b>Total .....</b>	<b>5,768</b>	<b>11,144</b>	<b>7,077</b>	<b>26,779</b>	<b>48,112</b>	<b>43,521</b>	<b>142,401</b>
Total ton miles performed							
000's							
Farm .....	15,066	17,888	7,165	19,074	8,452	898	68,543
Urban .....	39,640	82,157	45,145	102,417	131,698	118,796	519,853
Private .....	41,687	76,318	29,459	194,277	375,123	1,085,304	1,802,168
For hire .....	65	4,229	23,074	88,044	264,513	1,682,052	2,061,977
<b>Total .....</b>	<b>96,458</b>	<b>180,592</b>	<b>104,843</b>	<b>403,812</b>	<b>779,786</b>	<b>2,887,050</b>	<b>4,452,541</b>
Average ton miles per truck							
Farm .....	400	1,600	5,100	14,000	23,300	64,200	1,200
Urban .....	600	3,000	6,800	13,500	30,500	48,200	4,400
Private .....	1,190	7,000	9,700	31,400	67,400	280,600	27,200
For hire .....	1,700	8,100	43,000	32,500	69,700	380,600	171,600
<b>Total .....</b>	<b>700</b>	<b>3,600</b>	<b>9,000</b>	<b>22,700</b>	<b>55,600</b>	<b>268,200</b>	<b>17,700</b>
Average weight carried (Average weight of goods carried per one-way trip) <sup>1</sup>							
Farm .....	.4	1.0	2.2	3.7	5.2	5.3	1.0
Urban .....	.2	.8	1.6	2.8	5.2	7.8	1.3
Private .....	.4	1.3	1.8	3.5	6.0	12.0	4.5
For hire .....	.2	1.3	4.8	3.9	8.4	11.5	9.5
<b>Total .....</b>	<b>.3</b>	<b>1.0</b>	<b>2.0</b>	<b>3.4</b>	<b>5.9</b>	<b>11.5</b>	<b>4.1</b>

1. Excludes vehicles making trips empty.

**Section 1. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1, 1955 - June 30, 1956**

**TABLE 4. Total Truck Capacity<sup>1</sup>**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	over 15 tons	Total
Total capacity ton miles							
000's							
Farm.....	138,045	71,974	19,280	51,485	22,856	3,670	307,310
Urban.....	409,999	271,074	124,556	276,504	309,812	303,024	1,694,969
Private.....	287,217	177,391	81,894	464,195	791,913	2,145,613	3,948,223
For hire.....	466	11,595	43,144	208,849	543,035	3,054,447	3,861,556
<b>Total.....</b>	<b>835,747</b>	<b>532,034</b>	<b>268,874</b>	<b>1,001,033</b>	<b>1,667,616</b>	<b>5,506,754</b>	<b>9,812,058</b>
Capacity ton miles per truck							
Farm.....	3,300	6,300	13,700	37,800	63,000	262,100	5,500
Urban.....	5,900	9,900	18,700	36,500	71,800	122,900	14,400
Private.....	7,800	16,300	27,000	75,000	142,400	554,700	59,700
For hire.....	12,800	22,300	80,500	77,100	143,200	691,200	321,400
<b>Total.....</b>	<b>5,700</b>	<b>10,600</b>	<b>23,100</b>	<b>56,100</b>	<b>118,800</b>	<b>511,500</b>	<b>39,000</b>
Percentage of capacity utilized							
Farm.....	10.9	24.9	37.2	37.0	37.0	24.5	22.3
Urban.....	9.7	30.3	36.2	37.0	42.5	39.2	30.7
Private.....	14.5	43.0	36.0	41.9	47.4	50.6	45.6
For hire.....	13.3	36.5	53.5	42.2	48.7	55.1	53.4
<b>Total.....</b>	<b>11.5</b>	<b>33.9</b>	<b>39.0</b>	<b>40.3</b>	<b>46.8</b>	<b>52.4</b>	<b>45.4</b>

1. Capacity ton miles was determined by multiplying the actual total number of miles travelled by the difference between gross vehicle weight and estimated tare weight.

**Section 1. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1, 1955 - June 30, 1956**

**TABLE 5. Total Gross Ton Miles Performed<sup>1</sup>**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	over 15 tons	Total
Total gross ton miles							
000's							
Farm.....	281,115	112,364	25,296	54,786	21,453	2,839	497,853
Urban.....	662,732	412,449	165,864	329,047	344,316	298,841	2,213,249
Private.....	590,619	317,970	116,675	541,971	866,930	2,156,564	4,590,729
For hire.....	847	19,400	45,365	230,718	576,914	3,190,719	4,063,963
<b>Total.....</b>	<b>1,535,313</b>	<b>862,183</b>	<b>353,200</b>	<b>1,156,522</b>	<b>1,809,613</b>	<b>5,648,963</b>	<b>11,365,794</b>
Average gross ton miles per truck							
Farm.....	6,800	9,800	18,000	40,300	59,100	202,800	8,900
Urban.....	9,600	15,000	24,900	43,500	79,800	121,200	18,800
Private.....	16,100	29,200	38,600	87,500	155,800	557,500	69,400
For hire.....	22,300	37,200	84,600	85,200	152,100	722,000	338,200
<b>Total.....</b>	<b>10,400</b>	<b>17,200</b>	<b>30,400</b>	<b>64,900</b>	<b>128,900</b>	<b>524,700</b>	<b>45,200</b>

1. Gross ton miles performed is determined by adding to the total ton miles performed the weight of vehicle empty (tare) multiplied by total mileage travelled.

**Section 1. Motor Truck Traffic Performed by Ontario Registered Trucks Inside and Outside the Province  
July 1, 1955 - June 30, 1956**

**TABLE 6. Total Revenue from Operations Performed by For Hire Carriers**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	over 15 tons	Total
Total revenue.....\$	73,000	1,507,000	2,626,000	11,091,000	20,287,000	108,608,000	144,192,000
Revenue per ton mile.....¢	112.4	35.6	11.4	12.6	7.7	6.5	7.0
Revenue per mile (total mileage travelled).....¢	15.3	25.4	37.0	31.9	29.3	59.2	47.9
Average yearly revenue per truck.....\$	1,900	2,900	4,900	4,100	5,300	24,600	12,000

**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province  
July 1, 1955-June 30, 1956**

**TABLE 7. Miles Travelled Within the Province**

Type of operation	Gross vehicle weight groups						
	0-2½ tons 0-5000 lbs.	2½-5 tons 5001-10,000 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
	Total mileage travelled						
	000's						
Farm .....	172,740	43,185	5,683	9,206	2,933	279	234,026
Urban .....	430,027	157,850	36,908	55,455	43,378	23,419	747,037
Private .....	339,842	106,137	24,493	83,147	97,501	105,480	756,600
For hire .....	474	5,925	7,099	34,021	67,946	168,633	284,098
<b>Total .....</b>	<b>943,083</b>	<b>313,097</b>	<b>74,183</b>	<b>181,829</b>	<b>211,758</b>	<b>297,811</b>	<b>2,021,761</b>
	Average yearly mileage per truck						
Farm .....	4,200	3,800	4,000	6,800	8,100	20,000	4,200
Urban .....	6,200	5,800	5,500	7,300	10,100	9,500	6,400
Private .....	9,300	9,800	8,100	13,400	17,500	27,300	11,400
For hire .....	12,500	11,400	13,200	12,600	17,900	38,200	23,600
<b>Total .....</b>	<b>6,400</b>	<b>6,200</b>	<b>6,400</b>	<b>10,200</b>	<b>15,100</b>	<b>27,700</b>	<b>8,000</b>
	Percentage of total mileage travelled empty						
Farm .....	75.4	58.7	43.5	44.7	44.6	39.8	69.9
Urban .....	57.5	31.6	25.0	33.4	41.1	35.2	47.0
Private .....	67.1	45.0	36.1	36.1	40.5	32.7	51.4
For hire .....	34.8	43.7	32.1	35.3	40.0	21.4	28.2
<b>Total .....</b>	<b>64.3</b>	<b>40.1</b>	<b>30.8</b>	<b>35.6</b>	<b>40.5</b>	<b>26.5</b>	<b>48.7</b>
	Average journey (Average distance each ton of goods was carried)						
Farm .....	9.3	14.2	15.5	20.7	22.6	31.2	14.7
Urban .....	14.5	11.4	11.0	8.6	6.7	8.9	8.8
Private .....	28.9	28.1	17.9	24.8	25.7	61.4	38.0
For hire .....	12.9	16.5	26.1	13.5	17.5	105.1	51.5
<b>Total .....</b>	<b>16.6</b>	<b>15.4</b>	<b>14.7</b>	<b>14.8</b>	<b>15.3</b>	<b>59.7</b>	<b>28.5</b>

**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province  
July 1, 1955-June 30, 1956**

**TABLE 8. Fuel Consumption Within the Province**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Total gallons of gasoline consumed							
000's							
Farm .....	10,871	3,353	616	1,027	372	44	16,283
Urban .....	29,982	14,010	4,027	7,145	6,612	4,882	66,658
Private .....	22,757	8,649	2,534	9,769	12,785	18,168	74,662
For hire .....	31	561	768	4,253	9,369	28,526	43,508
Total .....	63,641	26,573	7,945	22,194	29,138	51,620	201,111
Total gallons of diesel oil consumed							
000's							
Farm .....	—	—	—	—	—	—	—
Urban .....	—	—	—	—	—	—	—
Private .....	—	20	—	—	92	1,357	1,469
For hire .....	—	—	—	—	28	2,933	2,961
Total .....	—	20	—	—	120	4,290	4,430



**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province**  
**July 1, 1955-June 30, 1956**

**TABLE 8. Fuel Consumption Within the Province—Concluded**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Miles per gallon of gasoline							
Farm.....	15.9	12.9	9.2	9.0	7.9	6.4	14.4
Urban.....	14.3	11.3	9.2	7.8	6.6	4.8	11.2
Private.....	14.9	12.2	9.7	8.5	7.6	5.3	10.1
For hire.....	15.5	10.6	9.2	8.0	7.2	5.2	6.1
<b>Total.....</b>	<b>14.8</b>	<b>11.8</b>	<b>9.3</b>	<b>8.2</b>	<b>7.2</b>	<b>5.2</b>	<b>9.9</b>
Miles per gallon of diesel oil							
Farm.....	—	—	—	—	—	—	—
Urban.....	—	—	—	—	—	—	—
Private.....	—	15.2	—	—	6.1	6.7	6.8
For hire.....	—	—	—	—	6.0	6.6	6.6
<b>Total.....</b>	<b>—</b>	<b>15.2</b>	<b>—</b>	<b>—</b>	<b>6.1</b>	<b>6.6</b>	<b>6.7</b>

**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province**  
**July 1, 1955-June 30, 1956**

**TABLE 9. Goods Carried and Ton Miles Performed Within the Province**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Total tons of goods carried							
000's							
Farm.....	1,618	1,263	463	922	373	29	4,668
Urban.....	2,732	7,227	4,122	11,878	19,726	13,293	58,978
Private.....	1,408	2,363	1,576	7,515	12,979	13,963	39,804
For hire.....	5	257	884	6,273	14,730	14,395	36,544
<b>Total.....</b>	<b>5,763</b>	<b>11,110</b>	<b>7,045</b>	<b>26,588</b>	<b>47,808</b>	<b>41,680</b>	<b>139,994</b>
Total ton miles performed							
000's							
Farm.....	15,066	17,888	7,165	19,074	8,452	898	68,543
Urban.....	39,640	82,157	45,145	102,417	131,698	118,796	519,853
Private.....	40,660	66,361	28,202	186,230	333,352	857,000	1,511,805
For hire.....	85	4,229	23,074	84,854	258,331	1,512,623	1,883,176
<b>Total.....</b>	<b>95,431</b>	<b>170,635</b>	<b>103,586</b>	<b>392,575</b>	<b>731,833</b>	<b>2,489,317</b>	<b>3,983,377</b>
Average ton miles per truck							
Farm.....	400	1,600	5,100	14,000	23,300	64,200	1,200
Urban.....	600	3,000	6,800	13,500	30,500	48,200	4,400
Private.....	1,100	6,100	9,300	30,000	59,900	221,600	22,800
For hire.....	1,700	8,100	43,000	31,300	68,100	342,300	156,700
<b>Total.....</b>	<b>600</b>	<b>3,400</b>	<b>8,900</b>	<b>22,000</b>	<b>52,100</b>	<b>231,200</b>	<b>15,800</b>
Average weight carried (Average weight of goods carried per one-way trip) <sup>1</sup>							
Farm.....	.4	1.0	2.2	3.7	5.2	5.3	1.0
Urban.....	.2	.8	1.6	2.8	5.2	7.8	1.3
Private.....	.4	1.1	1.8	3.5	5.7	12.1	4.1
For hire.....	.2	1.3	4.8	3.9	6.3	11.4	9.2
<b>Total.....</b>	<b>.3</b>	<b>.9</b>	<b>2.0</b>	<b>3.4</b>	<b>5.8</b>	<b>11.4</b>	<b>3.8</b>

1. Excludes vehicles making trips empty.

**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province**  
**July 1, 1955 - June 30, 1956**

**TABLE 10. Truck Capacity Within the Province<sup>1</sup>**

Type of operation	Gross vehicle weight grounds						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	over 15 tons	Total
Total capacity ton miles							
	000's						
Farm .....	138,045	71,974	19,280	51,485	22,856	3,670	307,310
Urban .....	409,999	271,074	124,556	276,504	309,812	303,024	1,694,969
Private .....	282,934	172,233	79,744	447,096	732,997	1,773,690	3,488,694
For hire .....	486	11,595	43,144	197,922	533,207	2,803,743	3,590,097
<b>Total .....</b>	<b>831,464</b>	<b>526,876</b>	<b>266,724</b>	<b>973,007</b>	<b>1,598,872</b>	<b>4,884,127</b>	<b>9,081,070</b>
Capacity ton miles per truck							
Farm .....	3,300	6,300	13,700	37,800	63,000	262,100	5,500
Urban .....	5,900	9,900	18,700	36,500	71,800	122,900	14,400
Private .....	7,700	15,800	26,400	72,200	131,800	458,600	52,700
For hire .....	12,800	22,300	80,500	73,100	140,600	634,500	298,800
<b>Total .....</b>	<b>5,700</b>	<b>10,500</b>	<b>22,900</b>	<b>54,600</b>	<b>113,900</b>	<b>453,700</b>	<b>36,100</b>
Percentage of capacity utilized							
Farm .....	10.9	24.9	37.2	37.0	37.0	24.5	22.3
Urban .....	9.7	30.3	36.2	37.0	42.5	39.2	30.7
Private .....	14.4	38.5	35.4	41.6	45.5	48.3	43.3
For hire .....	13.3	36.5	53.5	42.9	48.4	54.0	52.5
<b>Total .....</b>	<b>11.5</b>	<b>32.4</b>	<b>38.8</b>	<b>40.3</b>	<b>45.8</b>	<b>51.0</b>	<b>43.8</b>

1. Capacity ton miles was determined by multiplying the actual total number of miles travelled by the difference between gross vehicle weight and estimated tare weight.

**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province**  
**July 1, 1955 - June 30, 1956**

**TABLE 11. Gross Ton Miles Performed Within the Province<sup>1</sup>**

Type of operation	Gross Vehicle Weight Groups						
	0-2½ tons	2½-5 tons	5-7½ tons	5-7½ tons	10-15 tons	over 15 tons	Total
Total gross ton miles							
	000's						
Farm .....	281,115	112,364	25,296	54,786	21,453	2,839	497,853
Urban .....	662,732	412,449	165,864	329,047	344,316	298,841	2,213,249
Private .....	580,233	300,108	113,174	595,207	788,073	1,740,113	4,116,908
For hire .....	847	19,400	45,365	221,972	564,371	2,893,568	3,745,523
<b>Total .....</b>	<b>524,927</b>	<b>844,321</b>	<b>349,699</b>	<b>1,201,012</b>	<b>1,718,213</b>	<b>4,935,361</b>	<b>10,573,533</b>
Average gross ton miles per truck							
Farm .....	6,800	9,800	18,000	40,300	59,100	202,800	8,900
Urban .....	9,600	15,000	24,900	43,500	79,800	121,200	18,800
Private .....	15,800	27,600	37,400	96,100	141,700	449,900	62,200
For hire .....	22,300	37,200	84,600	81,900	148,800	654,800	311,700
<b>Total .....</b>	<b>10,400</b>	<b>16,800</b>	<b>30,100</b>	<b>67,400</b>	<b>122,400</b>	<b>458,400</b>	<b>42,000</b>

1. Gross ton miles performed is determined by adding to the total ton miles performed the weight of vehicle empty (tare) multiplied by total mileage travelled.

**Section II. Motor Truck Traffic Performed by Ontario Registered Trucks Within the Province**  
**July 1, 1955 - June 30, 1956**

**TABLE 12. Revenue From Operations Performed by For Hire Carriers Within the Province**

Type of operation	Gross vehicle weight groups						
	0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	over 15 tons	Total
Total revenue .....	73,000	1,507,000	2,626,000	10,736,000	19,763,000	99,876,000	134,581,000
Revenue per ton mile .....	112.4	35.6	11.4	12.7	7.7	8.6	7.1
Revenue per mile (total mileage travelled) .....	15.3	25.4	37.0	31.6	29.1	59.2	47.4
Average yearly revenue per truck .....	1,900	2,900	4,900	4,000	5,200	22,600	11,200

**Section III. Motor Truck Traffic Performed by Ontario Registered Trucks Engaged in Interprovincial and International Traffic**

**TABLE 13. Total Tons of Goods Carried Into and Out of Ontario, by Origin, and Destination, by Type of Operation**

Origin or destination	For hire trucks	Private trucks	All trucks
	'000 tons	'000 tons	'000 tons
To New Brunswick .....	6	3	9
From New Brunswick .....	3	3	6
To Nova Scotia .....	—	1	1
To Quebec .....	944	332	1,276
From Quebec .....	740	350	1,090
To Manitoba .....	25	64	89
From Manitoba .....	41	55	96
To Saskatchewan .....	3	5	8
From Saskatchewan .....	—	3	3
To Alberta .....	11	11	22
From Alberta .....	3	10	13
To British Columbia .....	7	3	10
From British Columbia .....	7	3	10
To United States .....	108	153	261
From United States .....	168	387	555
<b>Grand total..... To</b>	<b>1,104</b>	<b>572</b>	<b>1,676</b>
<b>From</b>	<b>962</b>	<b>811</b>	<b>1,773</b>
	<b>2,066</b>	<b>1,383</b>	<b>3,449</b>

**Section III. Motor Truck Traffic Performed by Ontario Registered Trucks Engaged in Interprovincial and International Traffic**

**TABLE 14. Interprovincial and International Traffic by Gross Vehicle Weight Groups**

Gross vehicle weight	For hire trucks			
	Total miles travelled with load	Total ton miles	Average weight carried	Average distance per trip
	'000	'000	tons	miles
Under 20,000 lbs. ....	49	172	4	80
20,001 - 25,000 lbs. ....	927	7,820	8	195
25,001 - 30,000 " .....	223	1,099	5	110
30,001 - 35,000 " .....	219	1,079	5	159
35,001 - 40,000 " .....	8,340	60,014	7	326
40,001 - 45,000 " .....	7,389	76,312	10	239
45,001 - 50,000 " .....	3,080	40,824	13	300
50,001 and over .....	37,552	530,513	14	307
<b>Total .....</b>	<b>57,779</b>	<b>717,833</b>	<b>12</b>	<b>290</b>
	Private trucks			
	'000	'000	tons	miles
Under 20,000 lbs. ....	2,825	10,412	4	87
20,001 - 25,000 lbs. ....	2,611	15,334	6	128
25,001 - 30,000 " .....	1,956	17,910	9	167
30,001 - 35,000 " .....	1,086	7,561	7	448
35,001 - 40,000 " .....	4,752	36,417	8	448
40,001 - 45,000 " .....	4,906	49,590	10	372
45,001 - 50,000 " .....	1,078	12,337	11	211
50,001 and over .....	22,132	326,358	15	357
<b>Total .....</b>	<b>41,346</b>	<b>475,919</b>	<b>12</b>	<b>252</b>



**Section III. Motor Truck Traffic Performed by Ontario Registered Trucks Engaged in Interprovincial and International Traffic**

**TABLE 15. Commodities Carried by Ontario Registered Trucks in Interprovincial and International Traffic**

Commodity classification	For hire trucks						
	Weight of goods carried	Total miles travelled with load	Total ton miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile
	'000 tons	'000	'000	tons	miles	'000\$	¢
Agricultural products .....	33	703	5,766	8	175	312	5.41
Animal and animal products .....	86	4,751	51,566	11	600	2,140	4.15
Mine products .....	19	44	188	4	10	11	5.85
Forest products .....	30	365	5,042	14	168	179	3.55
Manufacturing and miscellaneous .....	1,469	40,714	478,068	12	325	24,319	5.09
N.O.S. general freight .....	429	11,202	177,203	16	413	8,707	4.91
<b>Total .....</b>	<b>2,066</b>	<b>57,779</b>	<b>717,833</b>	<b>12</b>	<b>347</b>	<b>35,668</b>	<b>4.97</b>
	Private trucks						
	Weight of goods carried	Total miles travelled with load	Total ton miles	Average weight carried	Average distance per ton		
	'000 tons	'000	'000	tons	miles		
Agricultural products .....	92	4,670	52,599	11	572		
Animal and animal products .....	70	4,282	47,669	11	681		
Mine products .....	9	255	3,556	14	395		
Forest products .....	39	808	5,462	7	140		
Manufacturing and miscellaneous .....	824	23,009	229,092	10	278		
N.O.S. general freight .....	349	8,322	137,541	17	394		
<b>Total .....</b>	<b>1,383</b>	<b>41,346</b>	<b>475,919</b>	<b>12</b>	<b>344</b>		

**Section IV. Motor Bus Traffic Performed by Ontario Registered Buses Inside and Outside the Province  
July 1, 1953 - June 30, 1956**

**TABLE 16. Mileage, Fuel, Passengers and Passenger Miles, Capacity and Revenue**

	Passenger Seating Capacity				
	0-19	20-29	30-39	40 and over	Total
<b>Mileage:</b>					
Total mileage travelled .....	1,770,000	5,636,000	16,328,000	8,762,000	32,496,000
Average yearly mileage per bus .....	20,100	17,800	28,000	43,800	27,400
Average journey (average distance per passenger) .....	20.4	19.9	28.4	24.5	25.7
<b>Fuel:</b>					
Total gallons of gasoline consumed .....	131,000	861,000	1,325,000	559,000	2,876,000
Total gallons of diesel oil consumed .....	—	46,000	990,000	756,000	1,792,000
Miles per gallon of gasoline .....	13.5	6.1	6.5	5.8	6.6
Miles per gallon of diesel oil .....	—	9.1	7.8	7.3	7.5
<b>Passengers and passenger miles:</b>					
Total number of passengers carried .....	215,000	3,386,000	11,343,000	7,412,000	22,356,000
Total number of passenger miles .....	4,394,000	67,335,000	321,957,000	181,280,000	574,966,000
Average number of passengers carried per mile .....	2.5	11.9	19.7	20.7	17.7
<b>Capacity:</b>					
Total capacity seat miles .....	13,803,000	161,698,000	592,587,000	384,811,000	1,152,899,000
Percentage of capacity utilized .....	31.8	41.6	54.3	47.1	49.9
<b>Revenue:</b>					
Total passenger revenue .....	\$ 275,000	1,553,000	6,956,000	4,648,000	13,432,000
Revenue per mile (total mileage travelled) .....	¢ 15.5	27.6	42.6	53.0	41.3
Revenue per passenger mile .....	¢ 6.3	2.3	2.2	2.6	2.3
Revenue per bus .....	\$ 3,100	4,900	11,900	23,200	11,300

**Section V. Motor Bus Traffic Performed by Ontario Registered Buses Within the Province  
July 1, 1955 - June 30, 1956**

**TABLE 17. Mileage, Fuel, Passengers and Passenger Miles, Capacity and Revenue**

	Passenger seating capacity				
	0-19	20-29	30-39	40 and over	Total
<b>Mileage:</b>					
Total mileage travelled .....	1,770,000	3,310,000	10,416,000	5,532,000	21,028,000
Average yearly mileage per bus .....	20,100	10,500	17,800	27,700	17,700
Average journey (average distance per passenger) .....	20.4	21.5	40.9	27.4	32.5
<b>Fuel:</b>					
Total gallons of gasoline consumed .....	131,000	482,000	713,000	307,000	1,633,000
Total gallons of diesel oil consumed .....	—	38,000	723,000	507,000	1,268,000
Miles per gallon of gasoline .....	13.5	6.2	6.8	5.9	7.1
Miles per gallon of diesel oil .....	—	9.1	7.7	7.4	7.5
<b>Passenger and Passenger Miles:</b>					
Total number of passengers carried .....	215,000	1,848,000	5,294,000	4,192,000	11,549,000
Total number of passenger miles .....	4,394,000	39,654,000	216,685,000	114,874,000	375,607,000
Average number of passengers carried per mile .....	2.5	12.0	20.8	20.8	17.9
<b>Capacity:</b>					
Total capacity seat miles .....	13,803,000	94,466,000	378,958,000	238,571,000	725,798,000
Percentage of capacity utilized .....	31.8	42.2	57.2	48.2	51.8
<b>Revenue:</b>					
Total passenger revenue ..... \$	275,000	900,000	4,364,000	2,769,000	8,308,000
Revenue per mile (total mileage travelled) ..... ¢	15.5	27.2	41.9	50.0	39.5
Revenue per passenger mile ..... ¢	6.3	2.3	2.0	2.4	2.2
Revenue per bus ..... \$	3,100	2,800	7,500	13,800	7,000

**APPENDIX I**  
**Sampling Results**

Type of operation	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.	Over 15 tons 30,001 lbs. and over	Total
Estimated average Ontario truck population July-1-1955-June-30-1956							
Farm .....	41,321	11,413	1,407	1,361	363	14	55,879
Urban .....	69,149	27,431	6,669	7,569	4,316	2,465	117,599
Private .....	36,658	10,878	3,025	6,193	5,563	3,868	66,185
For hire .....	38	521	536	2,709	3,793	4,419	12,016
<b>Total .....</b>	<b>147,166</b>	<b>50,243</b>	<b>11,637</b>	<b>17,832</b>	<b>14,035</b>	<b>10,766</b>	<b>251,679</b>
Total No. of trucks selected in samples							
Farm .....	2,238	1,240	246	279	126	6	4,135
Urban .....	3,764	2,984	1,154	1,540	1,520	866	11,828
Private .....	1,981	1,173	528	1,330	2,010	1,403	8,425
For hire .....	2	57	95	528	1,250	1,665	3,597
<b>Total .....</b>	<b>7,985</b>	<b>5,454</b>	<b>2,023</b>	<b>3,677</b>	<b>4,906</b>	<b>3,940</b>	<b>27,985</b>
No. of questionnaires returned complete							
Farm .....	1,233	644	121	164	66	4	2,232
Urban .....	2,068	1,534	554	891	799	486	6,332
Private .....	1,094	611	258	777	1,067	798	4,605
For hire .....	2	30	49	254	559	1,060	1,954
<b>Total .....</b>	<b>4,397</b>	<b>2,819</b>	<b>982</b>	<b>2,086</b>	<b>2,491</b>	<b>2,348</b>	<b>15,123</b>
No. of sampled trucks reported not in use during survey week							
Farm .....	437	344	83	68	34	1	967
Urban .....	745	848	412	382	405	206	2,998
Private .....	375	320	181	323	523	321	2,043
For hire .....	—	13	19	130	377	281	820
<b>Total .....</b>	<b>1,557</b>	<b>1,525</b>	<b>695</b>	<b>903</b>	<b>1,339</b>	<b>809</b>	<b>6,828</b>
No. of questionnaires returned incomplete and unusable							
Farm .....	358	142	22	26	13	—	561
Urban .....	602	343	102	149	159	80	1,435
Private .....	319	135	47	124	210	128	963
For hire .....	—	6	10	92	202	184	494
<b>Total .....</b>	<b>1,279</b>	<b>626</b>	<b>181</b>	<b>391</b>	<b>584</b>	<b>392</b>	<b>3,453</b>
No. of questionnaires not returned (non-respondents)							
Farm .....	210	110	20	21	13	1	375
Urban .....	349	259	86	118	157	94	1,063
Private .....	193	107	42	106	210	156	814
For hire .....	—	8	17	52	112	140	329
<b>Total .....</b>	<b>752</b>	<b>484</b>	<b>165</b>	<b>297</b>	<b>492</b>	<b>391</b>	<b>2,581</b>







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