

1963  
CATALOGUE No.

53-209

ANNUAL  
c.3



MOTOR TRANSPORT TRAFFIC  
PROVINCE OF QUEBEC  
1963

*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Public Finance and Transportation Division  
Transportation Section

March 1965  
8504-559

Price: 50 cents

Reports Published by the  
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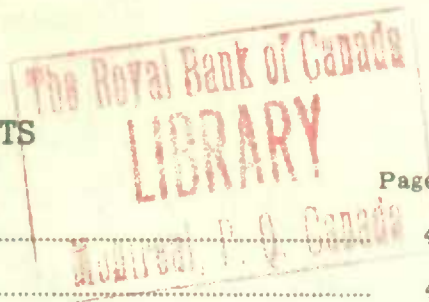
**Motor Transport Traffic**

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PROVINCE OF QUEBEC  
JANUARY 1-DECEMBER 31, 1963

CHART - 1

TRUCK REGISTRATIONS BY TYPE OF OPERATION

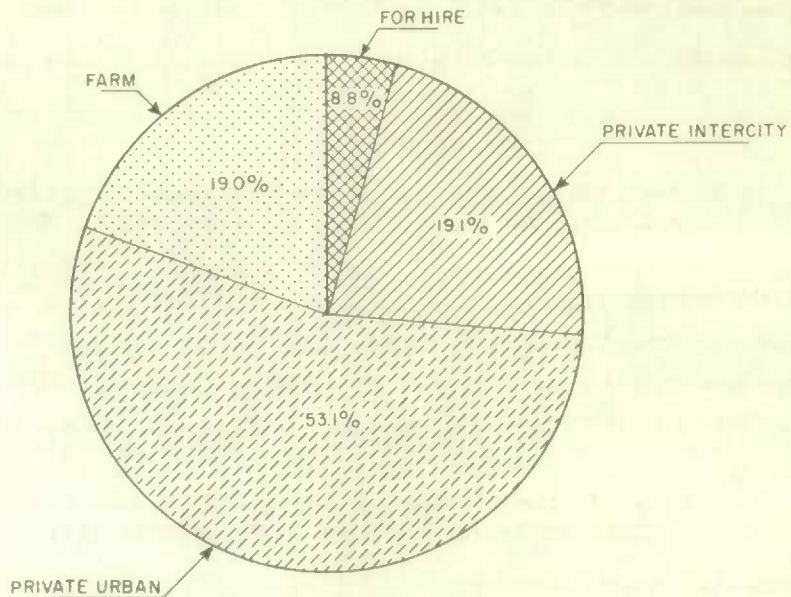
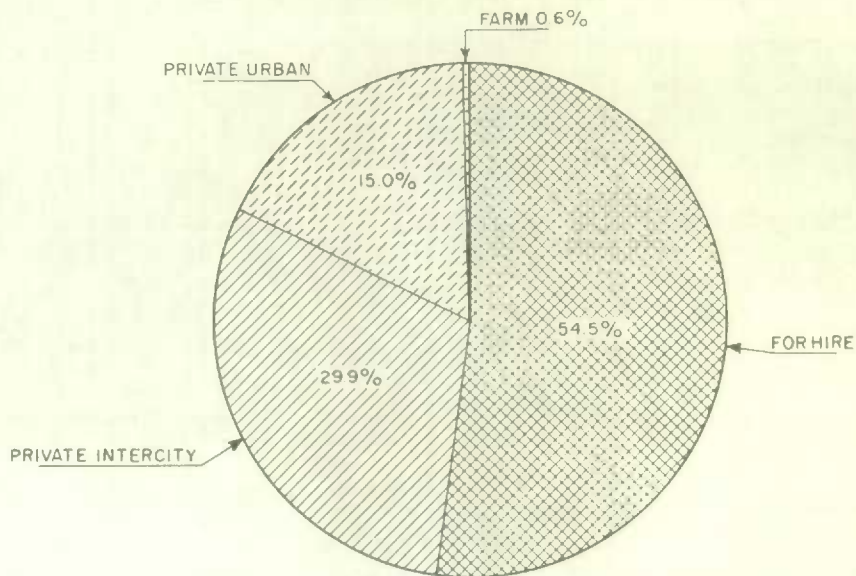


CHART - 2

NET TON MILES BY TYPE OF OPERATION



## INTRODUCTION

The 1963 annual report of motor transport traffic in the Province of Quebec is based upon a sample of approximately 10 per cent 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.

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

- |                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| For hire          | - "L" licensed vehicles operated in intercity service and/or urban areas. |
| Private intercity | - "F" licensed vehicles operated beyond urban areas.                      |
| Private urban     | - "F" licensed vehicles operated only within urban areas.                 |
| Farm              | - "N" licensed vehicles.                                                  |

Since Quebec motor vehicles are licensed on a tare weight basis, it was necessary to estimate equivalent gross vehicle weights to provide comparability with other annual provincial reports. For each truck in the sample the gross vehicle weight was estimated from the recorded tare weight and either the estimated carrying capacity or the weight of the heaviest load carried. The gross vehicle weight of each tractor-trailer combination was estimated from the tare weight of the tractor, the estimated tare weight of the trailer plus the weight of the heaviest load carried. It is emphasized that this method provides only approximately equivalent gross vehicle weights and therefore exact provincial comparability of the weight group classification cannot be assured.

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 1962.

## 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. The average distribution of "L" and "N" licensed vehicles for the four quarterly sample populations of the previous year are used as an estimate of the for hire and farm truck populations respectively. The average distribution obtained from the previous year's completed questionnaires is used to segregate "F" licensed vehicles into either the private intercity or private urban category. The above procedure was

introduced in 1959. Prior to that year the distribution by function was determined for each quarter separately.

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.
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 Quebec during the year rose 5.5 per cent to 201,600 from 191,000 in 1962. Of these 17,800 or 8.8 per cent were for hire trucks; 38,566 or 19.1 per cent were private intercity vehicles; 107,034 or 53.1 per cent were private vehicles operating wholly within urban areas; and 38,200 or 19.0 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 Quebec registered trucks.

Although comprising only 8.8 per cent of Quebec's truck population, for hire vehicles accounted for 54.5 per cent of the total net ton miles and 28.5 per cent of the total tons of goods carried during 1963. This results from the high average yearly mileage of these trucks 20,300 miles as compared with 8,700 miles for all trucks, and from the heavy average load carried of 8.3 tons compared to 4.3 tons for all trucks. Since over fifty-five per cent of all for hire vehicles have a gross vehicle weight of over ten tons the heavier loads carried by these trucks are to be expected. The predom-

inance of heavier vehicles in the for hire class also explains the low estimate of miles per gallon of gasoline, 6.7 compared with 9.4 for all trucks. It is estimated that urban operations accounted for 12.9 per cent of the total net ton miles performed by Quebec registered for hire trucks and 2.8 per cent of the total net ton miles performed by private intercity vehicles.

Some trucks in Quebec under 10,000 lb. gross vehicle weight are used essentially for personal transportation. Such vehicles accounted for about 9.0 per cent of the total mileage travelled by Quebec registered trucks.

#### Section II: Traffic Inside the Province

This section presents estimates of traffic performed by Quebec 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 71.8 per cent and private intercity 90.3 per cent of their total net ton miles inside Quebec.

#### 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 seventh of the revenue earned by these vehicles. About two thirds of the total tons of goods carried in this type of traffic by Quebec registered for hire trucks was transported to or from Ontario and one fifth to or from the United States.

### Appendix

During the year survey questionnaires were sent to the owners or operators of 20,788 trucks. Of this number 8,595 were returned completed and 5,084 trucks were reported not used during the

survey week. The remaining 7,109 were either returned incomplete and unusable or not returned at all.

February 8, 1965.

**SECTION 1. TRAFFIC PERFORMED BY QUEBEC REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE  
JANUARY 1 - DECEMBER 31, 1963**

**TABLE 1. All Trucks by Type of Operation**

		For hire	Private			Total
			Intercity	Urban	Farm	
<b>Mileage:</b>						
Total mileage travelled .....	'000	361,007	532,854	752,206	112,666	1,758,733
Average yearly mileage per truck .....		20,300	13,800	7,000	2,900	8,700
Average distance each ton was carried .....		52.7	32.5	9.2	13.7	27.5
Percentage of total mileage travelled empty .....		23.5	50.9	45.3	64.7	43.8
<b>Fuel:</b>						
Total gallons of gasoline consumed .....	'000	40,494	54,369	69,010	8,675	172,548
Miles per gallon of gasoline .....		6.7	9.2	10.7	13.0	9.4
Total gallons of diesel oil consumed .....	'000	15,834	5,560	2,277	—	23,671
Miles per gallon of diesel oil .....		5.6	6.0	5.0	—	5.6
Total gallons of other fuel consumed .....		—	—	—	—	—
Miles per gallon of other fuel .....		—	—	—	—	—
<b>Weight of goods carried:</b>						
Total tons of goods carried .....	'000	43,592	38,736	68,798	1,854	152,980
Average weight carried <sup>1</sup> .....	ton	8.3	4.8	1.5	0.6	4.3
<b>Net ton miles:</b>						
Total net ton miles performed .....	'000	2,297,979	1,259,958	630,669	25,391	4,213,997
Average net ton miles per truck .....		129,100	32,700	5,900	700	20,900
<b>Capacity ton miles:</b>						
Total capacity ton miles <sup>2</sup> .....	'000	4,467,076	3,265,628	2,182,992	130,699	10,046,395
Average capacity ton miles per truck .....		251,000	84,700	20,400	3,400	49,800
Percentage of capacity utilized .....		51.4	38.6	28.9	19.4	41.9
<b>Gross ton miles:</b>						
Total gross ton miles <sup>3</sup> .....	'000	4,943,321	3,376,014	2,663,522	234,691	11,217,548
Average gross ton miles per truck .....		277,700	87,500	24,900	6,100	55,600
<b>Revenue:</b>						
Total revenue .....	\$'000	202,555	—	—	—	—
Revenue per ton mile .....	¢	8.8	—	—	—	—
Revenue per mile (total mileage travelled) .....	¢	56.1	—	—	—	—
Average revenue per truck .....	\$	11,400	—	—	—	—
Estimated annual population .....		17,800	38,566	107,034	38,200	201,600

**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
<b>Mileage:</b>							
Total mileage travelled .....	'000	318,926	644,047	105,303	103,195	201,973	1,758,733
Average yearly mileage per truck .....		5,800	7,500	7,500	8,500	11,400	8,700
Average distance each ton was carried .....		16.3	18.6	14.6	13.4	17.4	27.5
Percentage of total mileage travelled empty .....		57.0	52.7	32.1	29.5	31.5	43.8
<b>Fuel:</b>							
Total gallons of gasoline consumed .....	'000	20,817	53,035	11,573	13,763	27,768	172,548
Miles per gallon of gasoline .....		15.3	12.1	9.1	7.5	7.3	9.4
Total gallons of diesel oil consumed .....	'000	—	—	—	—	—	23,671
Miles per gallon of diesel oil .....		—	—	—	—	—	5.6
Total gallons of other fuel consumed .....		—	—	—	—	—	—
Miles per gallon of other fuel .....		—	—	—	—	—	—
<b>Weight of goods carried:</b>							
Total tons of goods carried .....	'000	1,540	7,383	6,971	12,932	35,796	152,980
Average weight carried <sup>1</sup> .....	ton	0.2	0.5	1.4	2.4	4.5	4.3
<b>Net ton miles:</b>							
Total net ton miles performed .....	'000	25,149	137,307	101,544	173,296	621,072	4,213,997
Average net ton miles per truck .....		500	1,600	7,200	14,300	35,100	20,900
<b>Capacity ton miles:</b>							
Total capacity ton miles <sup>2</sup> .....	'000	227,722	824,628	345,196	550,746	1,717,143	10,046,395
Average capacity ton miles per truck .....		4,100	9,600	24,600	45,600	97,000	49,800
Percentage of capacity utilized .....		11.0	16.7	29.4	31.5	36.2	41.9
<b>Gross ton miles:</b>							
Total gross ton miles <sup>3</sup> .....	'000	460,255	1,414,903	443,116	567,524	1,571,662	11,217,548
Average gross ton miles per truck .....		8,400	16,500	31,600	47,000	88,700	55,600
Estimated annual population .....		55,025	85,737	14,018	12,062	17,711	201,600

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 .....	6,213	71,771	114,600	1.6	18.4	36,375	31.7
20,001 - 30,000 lb. ....	11,142	49,840	211,875	4.3	19.0	36,779	17.4
30,001 - 50,000 lb. ....	12,240	46,391	369,514	8.0	30.2	37,935	10.3
50,001 lb. and over .....	13,997	108,126	1,601,990	14.8	114.5	91,466	5.7
<b>Totals .....</b>	<b>43,592</b>	<b>276,128</b>	<b>2,297,979</b>	<b>8.3</b>	<b>52.7</b>	<b>202,555</b>	<b>8.8</b>
	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 .....	1,503	99,576	45,091		0.5		30.0
10,001 - 20,000 lb. ....	3,710	39,262	84,143		2.1		22.7
20,001 - 30,000 lb. ....	9,453	50,589	275,346		5.4		29.1
30,001 - 50,000 lb. ....	15,455	45,444	429,521		9.5		27.8
50,001 lb. and over .....	8,615	26,653	425,857		16.0		49.4
<b>Totals .....</b>	<b>38,736</b>	<b>261,524</b>	<b>1,259,958</b>		<b>4.8</b>		<b>32.5</b>

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 .....	220	3,538	18,701	5.3	84.8	1,897	10.1
Food, feed, beverages and tobacco .....	5,928	47,491	397,308	8.4	67.0	29,747	7.5
Crude materials, inedible .....	12,271	17,350	220,838	12.7	18.0	13,855	6.3
Fabricated materials, inedible .....	8,911	41,367	610,902	14.7	68.6	38,357	6.3
End products, inedible .....	2,748	53,413	196,770	3.7	71.6	30,228	15.4
General freight .....	13,514	112,969	853,460	7.6	63.2	88,471	10.4
<b>Totals .....</b>	<b>43,592</b>	<b>276,128</b>	<b>2,297,979</b>	<b>8.3</b>	<b>52.7</b>	<b>202,555</b>	<b>8.8</b>
	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 .....	229	4,490	18,535		4.1		80.9
Food, feed, beverages and tobacco .....	5,670	101,378	285,749		2.8		50.4
Crude materials, inedible .....	21,125	41,415	458,319		11.1		21.7
Fabricated materials, inedible .....	7,668	36,270	331,347		9.1		43.2
End products, inedible .....	1,584	53,916	96,985		1.8		61.2
General freight .....	2,460	24,055	69,023		2.9		28.1
<b>Totals .....</b>	<b>38,736</b>	<b>261,524</b>	<b>1,259,958</b>		<b>4.8</b>		<b>32.5</b>

**SECTION II. TRAFFIC PERFORMED BY QUEBEC REGISTERED TRUCKS WITHIN THE PROVINCE  
JANUARY 1 - DECEMBER 31, 1963**

**TABLE 5. All Trucks by Type of Operation**

		For hire	Private			Total
			Intercity	Urban	Farm	
<b>Mileage:</b>						
Total mileage travelled .....	'000	310,704	515,097	752,206	112,666	1,690,673
Average yearly mileage per truck .....		17,500	13,400	7,000	2,900	8,400
Average distance each ton was carried .....		37.9	29.5	9.2	13.7	22.6
Percentage of total mileage travelled empty .....		25.5	51.1	45.3	64.7	44.8
<b>Fuel:</b>						
Total gallons of gasoline consumed .....	'000	35,798	52,284	89,010	8,675	165,767
Miles per gallon of gasoline .....		7.0	9.3	10.7	13.0	9.6
Total gallons of diesel oil consumed .....	'000	10,863	4,717	2,277	—	17,857
Miles per gallon of diesel oil .....		5.6	6.1	5.0	—	5.7
Total gallons of other fuel consumed .....		—	—	—	—	—
Miles per gallon of other fuel .....		—	—	—	—	—
<b>Weight of goods carried:</b>						
Total tons of goods carried .....	'000	43,511	38,514	68,798	1,854	152,677
Average weight carried <sup>1</sup> .....	ton	7.1	4.6	1.5	0.6	3.7
<b>Net ton miles:</b>						
Total net ton miles performed .....	'000	1,651,060	1,137,578	630,689	25,391	3,444,698
Average net ton miles per truck .....		92,800	29,500	5,900	700	17,100
<b>Capacity ton miles:</b>						
Total capacity ton miles <sup>2</sup> .....	'000	3,491,467	3,011,714	2,182,992	130,699	8,816,872
Average capacity ton miles per truck .....		196,200	78,100	20,400	3,400	43,700
Percentage of capacity utilized .....		47.3	37.8	28.9	19.4	39.1
<b>Gross ton miles:</b>						
Total gross ton miles <sup>3</sup> .....	'000	3,716,666	3,108,804	2,683,522	234,691	9,723,683
Average gross ton miles per truck .....		208,800	80,600	24,900	8,100	48,200
<b>Revenue:</b>						
Total revenue .....	\$'000	180,312	—	—	—	—
Revenue per ton mile .....	¢	10.9	—	—	—	—
Revenue per mile (total mileage travelled) .....	¢	58.0	—	—	—	—
Average revenue per truck .....	\$	13,000	—	—	—	—
Estimated annual population .....		17,800	38,566	107,034	38,200	201,600

**TABLE 6. 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
<b>Mileage:</b>							
Total mileage travelled .....	'000	318,878	643,725	104,161	102,889	197,744	1,890,673
Average yearly mileage per truck .....		5,800	7,500	7,400	8,500	11,200	8,400
Average distance each ton was carried .....		16.3	18.6	14.4	13.5	16.9	22.6
Percentage of total mileage travelled empty .....		57.0	52.7	32.0	29.4	31.4	44.8
<b>Fuel:</b>							
Total gallons of gasoline consumed .....	'000	20,815	53,008	11,439	13,706	27,245	165,767
Miles per gallon of gasoline .....		15.3	12.1	9.1	7.5	7.3	9.6
Total gallons of diesel oil consumed .....	'000	—	—	—	—	—	17,857
Miles per gallon of diesel oil .....		—	—	—	—	—	5.7
Total gallons of other fuel consumed .....		—	—	—	—	—	—
Miles per gallon of other fuel .....		—	—	—	—	—	—
<b>Weight of goods carried:</b>							
Total tons of goods carried .....	'000	1,540	7,383	6,970	12,805	35,790	152,677
Average weight carried <sup>1</sup> .....	ton	0.2	0.5	1.4	2.4	4.5	3.7
<b>Net ton miles:</b>							
Total net ton miles performed .....	'000	25,149	137,307	100,585	172,643	605,626	3,444,698
Average net ton miles per truck .....		500	1,600	7,200	14,300	34,200	17,100
<b>Capacity ton miles:</b>							
Total capacity ton miles <sup>2</sup> .....	'000	227,679	824,325	341,786	549,075	1,680,326	8,816,872
Average capacity ton miles per truck .....		4,100	9,600	24,400	45,400	94,900	43,700
Percentage of capacity utilized .....		11.0	16.7	29.4	31.4	38.0	39.1
<b>Gross ton miles:</b>							
Total gross ton miles <sup>3</sup> .....	'000	460,212	1,414,271	438,342	565,785	1,536,131	9,723,683
Average gross ton miles per truck .....		8,400	16,500	31,300	46,800	86,700	48,200
Estimated annual population .....		55,025	85,737	14,018	12,082	17,711	201,600

<sup>1</sup> Net ton miles divided by miles travelled with load.<sup>2</sup> 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.<sup>3</sup> 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 QUEBEC REGISTERED TRUCKS  
JANUARY 1 - DECEMBER 31, 1963**

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

Origin and destination	For hire			Private intercity			Total		
	Into Quebec	Out of Quebec	Total	Into Quebec	Out of Quebec	Total	Into Quebec	Out of Quebec	Total
	'000 tons								
Newfoundland .....	—	—	—	—	—	—	—	—	—
Prince Edward Island .....	6	9	15	—	—	—	6	9	15
Nova Scotia .....	4	12	16	—	—	—	4	12	16
New Brunswick .....	27	92	119	4	11	15	31	103	134
Ontario .....	604	691	1,295	165	407	572	769	1,098	1,867
Manitoba .....	15	16	31	—	—	—	15	16	31
Saskatchewan .....	—	—	—	—	—	—	—	—	—
Alberta .....	24	24	48	—	—	—	24	24	48
British Columbia .....	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories .....	—	—	—	—	—	—	—	—	—
United States .....	209	219	428	127	191	318	336	410	746
<b>Totals .....</b>	<b>889</b>	<b>1,063</b>	<b>1,952</b>	<b>296</b>	<b>609</b>	<b>905</b>	<b>1,185</b>	<b>1,672</b>	<b>2,857</b>

**TABLE 8. Selected Statistics by Commodity Group**

Commodity group	For hire						
	Weight of goods carried	Total miles travelled with load	Total net miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile
	'000 tons	'000	'000	tons	miles	\$'000	¢
Live animals .....	—	—	—	—	—	—	—
Food, feed, beverages and tobacco .....	385	11,598	179,768	15.5	467.0	5,519	3.1
Crude materials, inedible .....	131	1,830	31,711	17.3	242.0	836	2.6
Fabricated materials, inedible .....	472	7,799	125,359	16.1	265.9	5,311	4.2
End products, inedible .....	266	8,701	79,424	9.1	298.2	5,460	8.9
General freight .....	698	21,796	298,477	13.7	427.4	12,088	4.0
Totals .....	1,952	51,724	714,739	13.8	366.1	29,214	4.1
	Private intercity						
	Weight of goods carried	Total miles travelled with load	Total net miles	Average weight carried	Average distance per ton		
	'000 tons	'000	'000	tons	miles		
Live animals .....	—	—	—	—	—	—	
Food, feed, beverages and tobacco .....	325	4,777	50,862	10.6	225.4	225.4	
Crude materials, inedible .....	283	2,533	30,813	12.2	109.0	109.0	
Fabricated materials, inedible .....	285	4,512	50,773	11.3	178.1	178.1	
End products, inedible .....	85	2,952	21,059	7.1	248.9	248.9	
General freight .....	27	880	6,037	6.9	226.6	226.6	
Totals .....	905	15,654	159,544	10.2	176.3	176.3	

## 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
For hire ..... Private: Intercity ..... Urban ..... Farm .....  Totals .....	Estimated Quebec truck population in 1963						
	643	2,417	1,930	2,681	4,551	5,578	17,800
	6,343	15,246	3,290	2,473	5,830	5,384	38,566
	30,594	49,435	7,224	6,403	7,313	5,065	107,034
	17,445	18,639	1,574	525	17	—	38,200
	55,025	85,737	14,018	12,082	17,711	17,027	201,600
	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 ..... Private: Intercity ..... Urban ..... Farm .....  Totals .....	4,570	2,220	774	1,576			
	5,385	2,149	1,449	1,767			
	9,677	3,654	2,545	3,278			
	1,156	372	316	468			
	20,788	8,595	5,084	7,109			



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