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MOTOR TRANSPORT TRAFFIC
ATLANTIC PROVINCES
1959



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ATLANTIC PROVINCES
JANUARY 1 - DECEMBER 31, 1959

CHART - 1
TRUCK REGISTRATIONS BY TYPE OF OPERATION

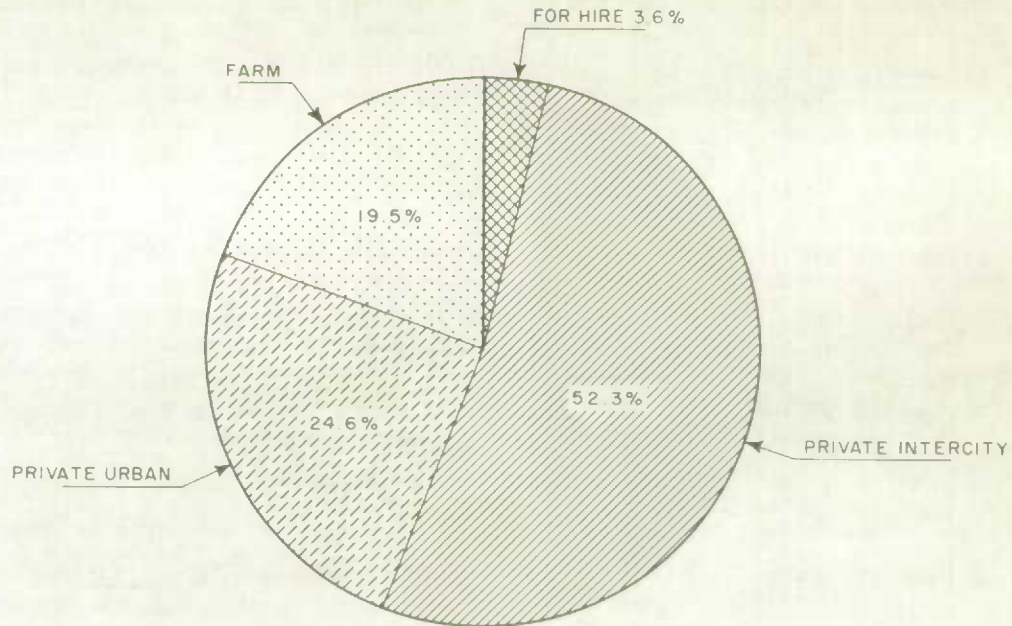
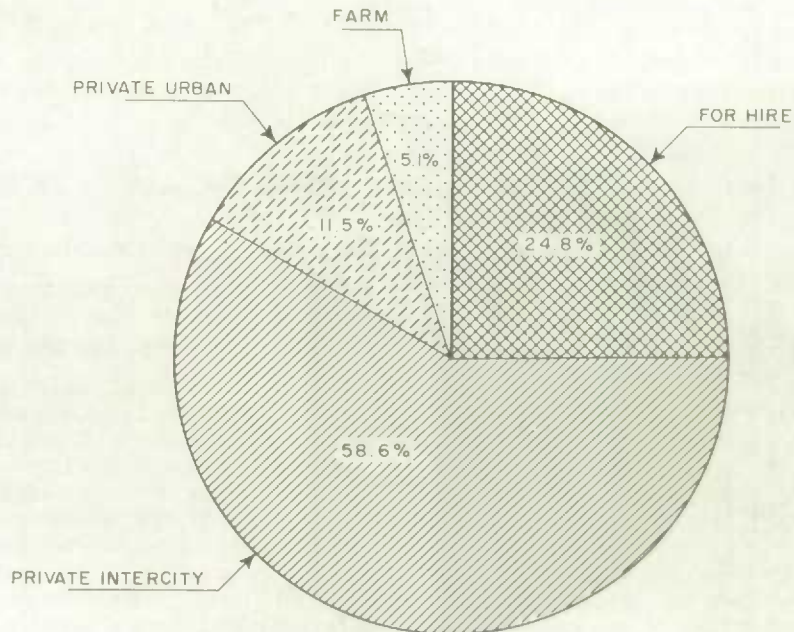


CHART - 2
NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

The 1959 annual report of motor transport traffic in the Atlantic provinces is based upon a sample of approximately 21 per cent of trucks registered in that region. 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 Atlantic provinces 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 on intercity routes and/or urban areas; private intercity vehicles are those owned by firms and individuals and operated on intercity routes to transport their own goods; private urban vehicles are those operated only within urban areas; and farm trucks are those operated by farmers primarily to transport farm produce and supplies.

The classification into these four categories was made primarily on the basis of replies to the survey questionnaires with the exception of the for hire class in the province of New Brunswick, where only trucks owned by companies or individuals licensed by the Motor Carrier Board were included.

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 and 1958.

Expansion of Survey Results

Prior to 1959 the distribution of sample vehicles by gross vehicle weight group and by type of operation 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 registered in each 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 and regional estimates.

To improve the accuracy of the provincial and regional estimates, it was decided to use, for 1959, the peak registration population in calculating the blow-up factor rather than the population as at four different periods during the year.

Unfortunately time has not permitted calculations of the reliability of these estimates similar to those published in the 1958 report. It should also be noted that the section dealing exclusively with trips originating and terminating within the region has been omitted from this report for the purposes of simplification.

Review of Survey Results

The estimated population of trucks performing transportation services in the Atlantic provinces during the year rose 3.1 per cent to 71,037 from 68,890 in 1958. Of these 2,587 or 3.6 per cent were for hire trucks; 37,123 or 52.3 per cent were private intercity vehicles; 17,448 or 24.6 per cent were private vehicles operating wholly within urban areas; and 13,879 or 19.5 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 region or province belonging to these classifications.

Section I: Traffic Inside and Outside the Region

Section I contains estimates of total traffic performed both inside and outside the region by trucks registered in the Atlantic provinces.

Although comprising only 3.6 per cent of region's truck population, for hire vehicles accounted for 24.8 per cent of the total net ton miles and 8.8 per cent of the total tons of goods carried during 1959. This results from the high average yearly mileage of these trucks, 11,600 miles as compared with 6,700 miles for all trucks, and from the heavy average load carried of 6.2 tons compared to 2.8 tons for all trucks. Since almost one third of all for hire vehicles have a gross vehicle weight of over 10 tons the heavier loads carried by these trucks are to be expected. The predominance of heavier vehicles in the for hire class also explains the low estimate of miles per gallon of gasoline, 7.3 compared with 11.1 for all trucks.

It is estimated that less than 9 per cent of the total net ton miles performed by for hire trucks registered in the Atlantic provinces was in urban operations (Newfoundland 37 per cent, Prince Edward Island 2 per cent, Nova Scotia 9 per cent and New Brunswick 5 per cent).

Some trucks in the region under 10,000 lb. gross vehicle weight are used essentially for personal transportation. Such vehicles accounted for about 24 per cent of the total mileage travelled by trucks registered in the Atlantic provinces and the following percentages in the individual provinces: Newfoundland 28 per cent, Prince Edward Island 20 per cent, Nova Scotia 26 per cent and New Brunswick 21 per cent.

Section II: Traffic Within the Region

This section presents estimates of traffic performed within the region by trucks registered in the Atlantic provinces and excludes the "outside the region" portion of interprovincial and international traffic as well as any traffic performed entirely outside the region. Comparing the data in Section I and Section II it will be noted that for hire vehicles accumulated 19.2 per cent and private intercity 3.5 per cent of their total net ton miles outside the Atlantic region.

Section III: Interprovincial (Between the Atlantic Region and Other Provinces) and International Traffic.

Although interprovincial and international traffic of trucks registered in the Atlantic provinces represented a significant proportion of their total traffic, the estimates of such traffic should be used with considerable caution because these data are based on returns for a comparatively small number of vehicles.

Section IV: Traffic Within the Province by Newfoundland Registered Trucks

This section presents estimates of traffic performed by Newfoundland registered trucks. The estimated 8.1 per cent of Newfoundland's truck

population which was classified as for hire for this report accounted for 24.0 per cent of the total net ton miles performed.

Section V: Traffic Inside and Outside the Province by Prince Edward Island Registered Trucks

In Prince Edward Island for hire trucks performed 30.9 per cent of the total net ton miles although they comprised only an estimated 2.6 per cent of the total truck population and carried only 5.8 per cent of the total volume of goods. This is accounted for by the fact that each ton of goods was carried an average of 111.4 miles by the for hire vehicles compared with an average haul of 20.9 miles for all trucks.

Section VI: Traffic Inside and Outside the Province by Nova Scotia Registered Trucks

For hire trucks registered in Nova Scotia transported 1.4 million tons of goods or 9.2 per cent of the total volume and accounted for 49.2 million net ton miles or 22.9 per cent of the total.

Section VII: Traffic Inside and Outside the Province by New Brunswick Registered Trucks

Estimates indicate that New Brunswick registered trucks transported a volume of 16.4 million tons and performed 247.1 million net ton miles. For hire vehicles accounted for 63.7 million net ton miles or 25.8 per cent of the total.

Appendix

During the year survey questionnaires were sent to the owners or operators of 14,729 trucks. Of this number 5,422 were returned completed and 4,178 trucks were reported not used during the survey week. The remaining 5,129 were either returned incomplete and unusable or not returned at all.

June 27, 1961.

**SECTION 1. TRAFFIC PERFORMED INSIDE AND OUTSIDE THE REGION BY TRUCKS REGISTERED IN THE
ATLANTIC PROVINCES, JANUARY 1 - DECEMBER 31, 1959**

TABLE 1. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	30,018	286,224	97,925	64,306	478,473
Average yearly mileage per truck	'000	11,600	7,700	5,600	4,600	6,700
Average distance each ton was carried	'000	39.0	13.1	6.5	15.9	13.9
Percentage of total mileage travelled empty	'000	27.9	64.8	53.0	64.8	60.1
Fuel:						
Total gallons of gasoline consumed	'000	3,763	25,967	8,378	4,906	43,034
Miles per gallon of gasoline		7.3	11.0	11.7	13.1	11.1
Total gallons of diesel oil consumed	'000	431	—	—	—	431
Miles per gallon of diesel oil		6.3	—	—	—	6.3
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000	3,427	24,074	9,619	1,733	38,853
Average weight carried ¹	ton	6.2	3.1	1.4	1.2	2.8
Net ton miles:						
Total net ton miles performed	'000	133,672	315,515	62,222	27,496	538,905
Average net ton miles per truck		51,700	8,500	3,600	2,000	7,600
Capacity ton miles:						
Total capacity ton miles ²	'000	261,504	911,215	202,074	109,714	1,484,507
Average capacity ton miles per truck		101,100	24,500	11,600	7,900	20,900
Percentage of capacity utilized		51.1	34.6	30.8	25.1	36.3
Gross ton miles:						
Total gross ton miles ³	'000	316,764	1,122,901	295,940	167,004	1,902,609
Average gross ton miles per truck		122,400	30,200	17,000	12,000	26,800
Revenue:						
Total revenue	\$'000	15,096	—	—	—	—
Revenue per ton mile	¢	11.3	—	—	—	—
Revenue per mile (total mileage travelled)	¢	50.3	—	—	—	—
Average revenue per truck	\$	5,800	—	—	—	—
Estimated annual population		2,587	37,123	17,448	13,879	71,037

TABLE 2. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 lb.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 lb.	10-15 tons 20,001-30,000 lb.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled	'000	63,487	258,079	25,043	61,893	51,195	478,473
Average yearly mileage per truck		5,100	6,100	5,300	9,000	14,000	6,700
Average distance each ton was carried		15.2	15.1	8.3	10.1	11.9	13.9
Percentage of total mileage travelled empty		75.3	68.5	37.4	42.1	43.0	60.1
Fuel:							
Total gallons of gasoline consumed	'000	4,082	19,063	2,628	7,720	6,819	43,034
Miles per gallon of gasoline		15.6	13.5	9.5	8.0	7.5	11.1
Total gallons of diesel oil consumed	'000	—	—	—	—	—	431
Miles per gallon of diesel oil		—	—	—	—	—	6.3
Total gallons of other fuel consumed	'000	—	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried	'000	390	2,866	4,083	15,065	14,238	38,853
Average weight carried ¹	ton	0.4	0.5	2.2	4.3	5.8	2.8
Net ton miles:							
Total net ton miles performed	'000	5,905	43,405	33,829	152,514	169,815	538,905
Average net ton miles per truck		500	1,000	7,100	22,200	46,600	7,600
Capacity ton miles:							
Total capacity ton miles ²	'000	51,139	321,952	91,543	360,957	402,186	1,484,507
Average capacity ton miles per truck		4,100	7,600	19,300	52,500	110,300	20,900
Percentage of capacity utilized		11.5	13.5	37.0	42.3	42.2	36.3
Gross ton miles:							
Total gross ton miles ³	'000	102,408	564,514	121,531	399,732	412,753	1,902,609
Average gross ton miles per truck		8,200	13,200	25,600	58,200	113,200	26,800
Estimated annual population		12,468	42,627	4,739	6,869	3,645	71,037

See footnotes at end of Table 15, page 14.

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.....	1,911	6,897	18,170	2.6	9.5	6,172	34.0
20,001-30,000 lb.	922	5,568	26,661	4.8	28.9	3,155	11.8
30,001-50,000 lb.	376	5,530	45,266	8.2	120.2	3,290	7.3
50,001 lb. and over	218	3,655	43,575	11.9	199.4	2,479	5.7
Totals	3,427	21,650	133,672	6.2	39.0	15,096	11.3
	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	896	43,626	23,790		0.5		26.6
10,001-20,000 lb.	13,054	33,781	132,621		3.9		10.2
20,001-30,000 lb.	9,032	19,443	118,166		6.1		13.1
30,001 lb. and over	1,092	3,967	40,938		10.3		37.5
Totals	24,074	100,817	315,515		3.1		13.1

SECTION II. TRAFFIC PERFORMED WITHIN THE REGION BY TRUCKS REGISTERED IN THE ATLANTIC PROVINCES
JANUARY 1-DECEMBER 31, 1959

TABLE 4. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	27,186	283,967	97,925	64,306	473,384
Average yearly mileage per truck		10,500	7,600	5,600	4,600	6,700
Average distance each ton was carried		31.6	12.7	6.5	15.9	12.9
Percentage of total mileage travelled empty		29.5	65.0	53.0	64.8	60.4
Fuel:						
Total gallons of gasoline consumed	'000	3,427	25,674	8,378	4,906	42,385
Miles per gallon of gasoline		7.4	11.1	11.7	13.1	11.1
Total gallons of diesel oil consumed	'000	291	—	—	—	291
Miles per gallon of diesel oil		6.3	—	—	—	6.3
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000	3,420	24,063	9,619	1,733	38,835
Average weight carried ¹	ton	5.6	3.1	1.4	1.2	2.7
Net ton miles:						
Total net ton miles performed	'000	108,067	304,613	62,222	27,496	502,398
Average net ton miles per truck		41,800	8,200	3,600	2,000	7,100
Capacity ton miles:						
Total capacity ton miles ²	'000	225,116	889,808	202,074	109,714	1,426,712
Average capacity ton miles per truck		87,000	24,000	11,600	7,900	20,100
Percentage of capacity utilized		48.0	34.2	30.8	25.1	35.2
Gross ton miles:						
Total gross ton miles ³	'000	260,637	1,100,084	295,940	167,004	1,823,665
Average gross ton miles per truck		100,700	29,600	17,000	12,000	25,700
Revenue:						
Total revenue	\$'000	13,388	—	—	—	—
Revenue per ton mile	¢	12.4	—	—	—	—
Revenue per mile (total mileage travelled)	¢	49.2	—	—	—	—
Average revenue per truck	\$	5,200	—	—	—	—
Estimated annual population		2,587	37,123	17,448	13,879	71,037

See footnotes at end of Table 15, page 14.

TABLE 5. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 lb.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 lb.	10-15 tons 20,001-30,000 lb.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled '000	63,487	258,079	25,035	61,208	50,517	15,058	473,384
Average yearly mileage per truck	5,100	6,100	5,300	8,900	13,900	21,900	6,700
Average distance each ton was carried	15.2	15.1	8.3	10.0	11.8	45.6	12.9
Percentage of total mileage travelled empty	75.3	68.5	37.4	42.0	43.0	30.9	60.4
Fuel:							
Total gallons of gasoline consumed '000	4,082	19,063	2,628	7,641	6,719	2,252	42,385
Miles per gallon of gasoline	15.6	13.5	9.5	8.0	7.5	5.9	11.1
Total gallons of diesel oil consumed '000	—	—	—	—	—	291	291
Miles per gallon of diesel oil	—	—	—	—	—	6.3	6.3
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried '000	390	2,866	4,083	15,065	14,238	2,193	38,835
Average weight carried ton	0.4	0.5	2.2	4.3	5.8	9.6	2.7
Net ton miles:							
Total net ton miles performed '000	5,905	43,405	33,818	151,221	167,909	100,140	502,398
Average net ton miles per truck	500	1,000	7,100	22,000	46,100	145,300	7,100
Capacity ton miles:							
Total capacity ton miles ² '000	51,139	321,952	91,510	356,923	397,135	208,053	1,426,712
Average capacity ton miles per truck	4,100	7,600	19,300	52,000	109,000	302,000	20,100
Percentage of capacity utilized	11.5	13.5	37.0	42.4	42.3	48.1	35.2
Gross ton miles:							
Total gross ton miles ³ '000	102,408	564,514	121,495	395,593	407,748	231,907	1,823,665
Average gross ton miles per truck	8,200	13,200	25,600	57,600	111,900	336,600	25,700
Estimated annual population	12,468	42,627	4,739	6,869	3,645	689	71,037

SECTION III. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY TRUCKS REGISTERED
IN THE ATLANTIC PROVINCES, JANUARY 1-DECEMBER 31, 1959

TABLE 6. Tons of Goods Carried by Province of Origin and Destination⁴

Origin and destination	For hire			Private intercity			Total		
	Into Atlantic region	Out of Atlantic region	Total	Into Atlantic region	Out of Atlantic region	Total	Into Atlantic region	Out of Atlantic region	Total
'000 tons									
Quebec	17	22	39	9	21	30	26	42	69
Ontario	1	1	2	1	—	1	2	1	3
Manitoba	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—
Alberta	—	—	—	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—
United States	4	10	14	10	74	84	15	84	98
Totals	22	33	55	20	95	115	43	127	170

See footnotes at end of Table 15, page 14.

TABLE 7. Selected Statistics by Commodity Group

Commodity classification	For hire						
	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile
	'000 tons	'000	'000	tons	miles	\$'000	¢
Agricultural products	19	900	10,319	11.5	532.0	433	4.2
Animals and animal products	8	495	5,797	11.7	753.3	279	4.8
Mine products	—	—	—	—	—	—	—
Forest products	—	—	—	—	—	—	—
Manufactures and miscellaneous	17	844	8,875	10.5	521.9	543	6.1
N.O.S. general freight	11	385	4,345	11.3	398.5	260	6.0
Totals	55	2,624	29,336	11.2	533.4	1,515	5.2
	Private intercity						
	Weight of goods carried	Total miles travelled with load	Total net ton miles	Average weight carried	Average distance per ton		
	'000 tons	'000	'000	tons	miles		
Agricultural products	5	249	2,229	9.0	414.8		
Animals and animal products	11	516	3,492	6.8	321.9		
Mine products	—	—	—	—	—		
Forest products	67	376	4,301	11.4	64.5		
Manufactures and miscellaneous	31	777	4,752	6.1	155.1		
N.O.S. general freight	1	56	154	2.8	105.9		
Totals	115	1,974	14,928	7.6	129.9		

**SECTION IV. TRAFFIC PERFORMED BY NEWFOUNDLAND REGISTERED TRUCKS WITHIN THE PROVINCE
JANUARY 1-DECEMBER 31, 1959**

TABLE 8. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	4,752	35,775	20,070	4,088	64,685
Average yearly mileage per truck		5,300	6,300	5,300	5,700	5,800
Average distance each ton was carried		8.8	11.2	5.6	25.0	8.3
Percentage of total mileage travelled empty		37.1	73.2	54.4	58.7	63.8
Fuel:						
Total gallons of gasoline consumed	'000	545	2,847	1,684	280	5,356
Miles per gallon of gasoline		8.7	12.6	11.9	14.6	12.1
Total gallons of diesel oil consumed	'000	—	—	—	—	—
Miles per gallon of diesel oil		—	—	—	—	—
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000	1,188	1,743	2,282	33	5,246
Average weight carried ¹	ton	3.5	2.0	1.4	0.5	1.9
Net ton miles:						
Total net ton miles performed	'000	10,413	19,459	12,746	820	43,438
Average net ton miles per truck		11,500	3,400	3,400	1,100	3,900
Capacity ton miles:						
Total capacity ton miles ²	'000	22,085	69,772	38,067	4,744	134,668
Average capacity ton miles per truck		24,400	12,200	10,100	6,600	12,100
Percentage of capacity utilized		47.1	27.9	33.5	17.3	32.3
Gross ton miles:						
Total gross ton miles ³	'000	27,467	100,531	57,937	8,568	194,503
Average gross ton miles per truck		30,400	17,600	15,300	12,000	17,500
Revenue:						
Total revenue	\$'000	2,853	—	—	—	—
Revenue per ton mile	¢	27.4	—	—	—	—
Revenue per mile (total mileage travelled)	¢	60.0	—	—	—	—
Average revenue per truck	\$	3,200	—	—	—	—
Estimated annual population		904	5,700	3,765	717	11,106

See footnotes at end of Table 15, page 14.

TABLE 9. 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.	Over 10 tons 20,001 lb. and over	Total
Mileage:						
Total mileage travelled..... '000	35,548	13,293	6,474	7,533	1,837	64,685
Average yearly mileage per truck	5,400	6,000	5,500	7,700	13,900	5,800
Average distance each ton was carried	16.6	14.2	6.4	10.9	4.7	8.3
Percentage of total mileage travelled empty	77.8	55.3	43.7	36.3	37.6	63.8
Fuel:						
Total gallons of gasoline consumed..... '000	2,350	1,095	660	973	278	5,356
Miles per gallon of gasoline.....	15.1	12.1	9.8	7.7	6.6	12.1
Total gallons of diesel oil consumed..... '000	—	—	—	—	—	—
Miles per gallon of diesel oil.....	—	—	—	—	—	—
Total gallons of other fuel consumed..... '000	—	—	—	—	—	—
Miles per gallon of other fuel.....	—	—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried..... '000	197	362	1,471	1,725	1,491	5,246
Average weight carried ¹ ton	0.4	0.9	2.6	3.9	6.1	1.9
Net ton miles:						
Total net ton miles performed..... '000	3,270	5,129	9,346	18,732	6,961	43,438
Average net ton miles per truck.....	500	2,300	7,900	19,100	52,700	3,900
Capacity ton miles:						
Total capacity ton miles ¹ '000	30,350	21,181	26,501	42,377	14,259	134,668
Average capacity ton miles per truck.....	4,600	9,600	22,300	43,200	108,000	12,100
Percentage of capacity utilized.....	10.8	24.2	35.3	44.2	48.8	32.3
Gross ton miles:						
Total gross ton miles ¹ '000	60,448	36,004	33,655	48,857	15,539	194,503
Average gross ton miles per truck.....	9,200	16,200	28,400	49,800	117,700	17,500
Estimated annual population	6,588	2,217	1,187	982	132	11,106

SECTION V. TRAFFIC PERFORMED BY PRINCE EDWARD ISLAND REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE, JANUARY 1-DECEMBER 31, 1959

TABLE 10. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	1,846	14,436	3,405	11,435	31,122
Average yearly mileage per truck		11,400	6,400	4,700	3,800	5,100
Average distance each ton was carried		111.4	18.2	5.6	14.8	20.9
Percentage of total mileage travelled empty		22.9	64.8	61.5	72.4	64.7
Fuel:						
Total gallons of gasoline consumed	'000	245	1,229	260	789	2,523
Miles per gallon of gasoline		7.5	11.8	13.1	14.5	12.3
Total gallons of diesel oil consumed	'000	—	—	—	—	—
Miles per gallon of diesel oil		—	—	—	—	—
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000	93	1,010	284	219	1,606
Average weight carried ¹	ton	7.3	3.6	1.2	1.0	3.1
Net ton miles:						
Total net ton miles performed	'000	10,384	18,334	1,601	3,241	33,560
Average net ton miles per truck		64,100	8,100	2,200	1,100	5,500
Capacity ton miles:						
Total capacity ton miles ¹	'000	17,976	44,587	4,578	12,981	80,122
Average capacity ton miles per truck		111,000	19,800	6,300	4,400	13,100
Percentage of capacity utilized		57.8	41.1	35.0	25.0	41.9
Gross ton miles:						
Total gross ton miles ¹	'000	23,156	55,468	7,806	21,586	108,018
Average gross ton miles per truck		143,000	24,600	10,700	7,300	17,700
Revenue:						
Total revenue	\$'000	792	—	—	—	—
Revenue per ton mile	¢	7.6	—	—	—	—
Revenue per mile (total mileage travelled)	¢	42.9	—	—	—	—
Average revenue per truck	\$	4,900	—	—	—	—
Estimated annual population		162	2,253	731	2,974	6,120

TABLE 11. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 lb.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 lb.	10-15 tons 20,001-30,000 lb.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled '000	19,693	3,942	1,464	1,141	3,390	1,492	31,122
Average yearly mileage per truck	4,500	4,200	5,000	7,000	12,800	29,800	5,100
Average distance each ton was carried	12.3	11.9	8.3	15.6	17.4	190.5	20.9
Percentage of total mileage travelled empty	77.1	55.4	44.6	43.0	41.0	16.1	64.7
Fuel:							
Total gallons of gasoline consumed '000	1,253	325	164	136	442	203	2,523
Miles per gallon of gasoline	15.7	12.1	9.0	8.4	7.7	7.4	12.3
Total gallons of diesel oil consumed '000	—	—	—	—	—	—	—
Miles per gallon of diesel oil	—	—	—	—	—	—	—
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried '000	164	158	322	200	701	61	1,606
Average weight carried ¹ ton	0.4	1.1	3.3	4.8	6.1	9.3	3.1
Net ton miles:							
Total net ton miles performed '000	2,023	1,891	2,661	3,123	12,190	11,672	33,560
Average net ton miles per truck	500	2,000	9,000	19,200	46,000	233,400	5,500
Capacity ton miles:							
Total capacity ton miles ² '000	14,913	6,513	5,845	6,920	27,255	18,676	80,122
Average capacity ton miles per truck	3,400	6,900	20,000	42,500	102,800	373,500	13,100
Percentage of capacity utilized	13.6	29.0	45.5	45.1	44.7	62.5	41.9
Gross ton miles:							
Total gross ton miles ³ '000	29,329	10,335	7,673	7,798	28,440	24,443	108,018
Average gross ton miles per truck	6,700	10,900	26,100	47,800	107,300	488,900	17,700
Estimated annual population	4,401	947	294	163	265	50	6,120

SECTION VI. TRAFFIC PERFORMED BY NOVA SCOTIA REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE
JANUARY 1-DECEMBER 31, 1959

TABLE 12. All Trucks by Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	13,434	127,979	44,717	23,276	209,406
Average yearly mileage per truck		13,100	7,600	5,500	4,300	6,700
Average distance each ton was carried		34.2	13.5	6.6	15.1	13.7
Percentage of total mileage travelled empty		24.8	64.7	51.8	66.4	59.6
Fuel:						
Total gallons of gasoline consumed	'000	1,677	11,414	3,870	1,838	18,799
Miles per gallon of gasoline		7.7	11.2	11.6	12.7	11.1
Total gallons of diesel oil consumed	'000	97	—	—	—	97
Miles per gallon of diesel oil		6.0	—	—	—	6.0
Total gallons of other fuel consumed	'000	—	—	—	—	—
Miles per gallon of other fuel		—	—	—	—	—
Weight of goods carried:						
Total tons of goods carried	'000	1,439	9,646	3,873	674	15,632
Average weight carried ¹	ton	4.9	2.9	1.2	1.3	2.5
Net ton miles:						
Total net ton miles performed	'000	49,192	130,011	25,397	10,194	214,794
Average net ton miles per truck		47,900	7,700	3,100	1,900	6,800
Capacity ton miles:						
Total capacity ton miles ²	'000	100,907	376,966	85,634	40,545	604,052
Average capacity ton miles per truck		98,400	22,300	10,600	7,600	19,200
Percentage of capacity utilized		48.7	34.5	29.7	25.1	35.6
Gross ton miles:						
Total gross ton miles ³	'000	125,053	477,373	127,021	59,647	789,094
Average gross ton miles per truck		121,900	28,200	15,700	11,100	25,100
Revenue:						
Total revenue	\$'000	6,832	—	—	—	—
Revenue per ton mile	¢	13.9	—	—	—	—
Revenue per mile (total mileage travelled)	¢	50.9	—	—	—	—
Average revenue per truck	\$	6,700	—	—	—	—
Estimated annual population		1,026	16,924	6,084	5,367	31,401

See footnotes at end of Table 15, page 14.

TABLE 13. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 lb.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 lb.	10-15 tons 20,001-30,000 lb.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled '000	5,147	139,913	8,150	20,509	30,699	4,988	209,406
Average yearly mileage per truck	5,200	5,800	5,600	8,700	13,600	23,200	6,700
Average distance each ton was carried	20.1	12.9	8.1	12.6	12.3	52.9	13.7
Percentage of total mileage travelled empty	59.5	68.9	32.9	39.5	43.6	23.0	59.6
Fuel:							
Total gallons of gasoline consumed '000	305	10,365	889	2,468	4,010	762	18,799
Miles per gallon of gasoline	16.9	13.5	9.2	8.3	7.7	5.8	11.1
Total gallons of diesel oil consumed '000	—	—	—	—	—	97	97
Miles per gallon of diesel oil	—	—	—	—	—	6.0	6.0
Total gallons of other fuel consumed '000	—	—	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried '000	18	1,728	1,363	3,423	8,452	648	15,632
Average weight carried ¹ ton	0.2	0.5	2.0	3.5	6.0	8.9	2.5
Net ton miles:							
Total net ton miles performed '000	356	22,294	11,106	43,080	103,654	34,304	214,794
Average net ton miles per truck	400	900	7,600	18,200	46,000	159,600	8,800
Capacity ton miles:							
Total capacity ton miles ² '000	3,371	153,448	28,165	111,784	242,652	64,632	604,052
Average capacity ton miles per truck	3,400	6,400	19,300	47,200	107,700	300,600	19,200
Percentage of capacity utilized	10.5	14.5	39.4	38.5	42.7	53.1	35.6
Gross ton miles:							
Total gross ton miles ³ '000	7,354	282,179	38,955	126,360	249,767	84,479	789,094
Average gross ton miles per truck	7,500	11,700	26,700	53,300	110,800	392,900	25,100
Estimated annual population	985	24,117	1,460	2,370	2,254	215	31,401

SECTION VII. TRAFFIC PERFORMED BY NEW BRUNSWICK REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE, JANUARY 1-DECEMBER 31, 1959

TABLE 14. All Trucks by Type of Operation

	For hire	Private			Total
		Intercity	Urban	Farm	
Mileage:					
Total mileage travelled '000	9,986	108,034	29,733	25,507	173,260
Average yearly mileage per truck	20,200	8,800	6,100	5,300	7,700
Average distance each ton was carried	90.0	12.7	7.1	16.4	15.1
Percentage of total mileage travelled empty	28.6	62.1	53.0	60.8	58.4
Fuel:					
Total gallons of gasoline consumed '000	1,296	10,497	2,564	1,999	16,356
Miles per gallon of gasoline	6.1	10.3	11.6	12.8	10.5
Total gallons of diesel oil consumed '000	334	—	—	—	334
Miles per gallon of diesel oil	6.4	—	—	—	6.4
Total gallons of other fuel consumed '000	—	—	—	—	—
Miles per gallon of other fuel	—	—	—	—	—
Weight of goods carried:					
Total tons of goods carried '000	707	11,675	3,180	807	16,369
Average weight carried ¹ ton	8.9	3.6	1.6	1.3	3.4
Net ton miles:					
Total net ton miles performed '000	63,683	147,711	22,478	13,241	247,113
Average net ton miles per truck	128,700	12,100	4,600	2,700	11,000
Capacity ton miles:					
Total capacity ton miles ² '000	120,536	419,890	73,795	51,444	665,665
Average capacity ton miles per truck	243,500	34,300	15,200	10,700	29,700
Percentage of capacity utilized	52.8	35.2	30.5	25.7	37.1
Gross ton miles:					
Total gross ton miles ³ '000	141,086	489,529	103,176	77,203	810,994
Average gross ton miles per truck	285,000	40,000	21,300	16,000	36,200
Revenue:					
Total revenue \$ '000	4,619	—	—	—	—
Revenue per ton mile	¢ 7.3	—	—	—	—
Revenue per mile (total mileage travelled)	¢ 46.3	—	—	—	—
Average revenue per truck	\$ 9,300	—	—	—	—
Estimated annual population	495	12,246	4,848	4,821	22,410

See footnotes at end of Table 15, page 14.

TABLE 15. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 lb.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 lb.	10-15 tons 20,001-30,000 lb.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled..... '000	3,099	100,931	8,955	32,710	15,269	12,296	173,260
Average yearly mileage per truck.....	6,300	6,600	5,000	9,800	15,400	29,000	7,700
Average distance each ton was carried.....	23.5	22.8	11.6	9.0	13.1	58.2	15.1
Percentage of total mileage travelled empty.....	61.1	70.3	35.7	45.0	42.9	31.5	58.4
Fuel:							
Total gallons of gasoline consumed.... '000	174	7,278	915	4,143	2,089	1,757	16,356
Miles per gallon of gasoline.....	17.8	13.9	9.8	7.9	7.3	5.8	10.5
Total gallons of diesel oil consumed.... '000	—	—	—	—	—	334	334
Miles per gallon of diesel oil.....	—	—	—	—	—	6.4	6.4
Total gallons of other fuel consumed.... '000	—	—	—	—	—	—	—
Miles per gallon of other fuel.....	—	—	—	—	—	—	—
Weight of goods carried:							
Total tons of goods carried..... '000	11	618	927	9,717	3,594	1,502	16,369
Average weight carried ¹ ton	0.2	0.5	1.9	4.9	5.4	10.4	3.4
Net ton miles:							
Total net ton miles performed..... '000	256	14,091	10,716	87,579	47,010	87,461	247,113
Average net ton miles per truck.....	500	900	6,000	26,100	47,300	206,300	11,000
Capacity ton miles:							
Total capacity ton miles ² '000	2,505	140,810	31,032	199,876	118,020	173,422	665,665
Average capacity ton miles per truck.....	5,100	9,200	17,300	59,600	118,700	409,000	29,700
Percentage of capacity utilized.....	10.2	10.0	34.5	43.8	39.8	50.4	37.1
Gross ton miles:							
Total gross ton miles ³ '000	5,277	235,996	41,248	216,717	119,007	192,749	810,994
Average gross ton miles per truck.....	10,700	15,400	22,900	64,600	119,700	454,600	36,200
Estimated annual population.....	494	15,346	1,798	3,354	994	424	22,410

¹ Ton miles divided by miles travelled with load.² Capacity ton miles are determined by multiplying the actual number of miles travelled by the estimated capacity or the weight of the heaviest load carried, whichever is larger.³ Gross ton miles are determined by adding to the total ton miles performed the weight of the vehicle empty (tare) multiplied by total miles travelled.⁴ These estimates contain a large degree of sampling error and should be used with considerable caution.

APPENDIX

Type of operation and gross vehicle weight group	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Total
A. Population					
Estimated truck population in the Atlantic Provinces in 1959					
For hire.....	904	162	1,026	495	2,587
Private:					
Inter-city.....	5,700	2,253	16,924	12,246	37,123
Urban.....	3,785	731	8,084	4,848	17,448
Farm.....	717	2,974	5,367	4,821	13,879
Totals.....	11,106	6,120	31,401	22,410	71,037
0-5,000 lb.....	6,588	4,401	985	494	12,468
5,001-10,000 ".....	2,217	947	24,117	15,346	42,627
10,001-15,000 ".....	1,187	294	1,460	1,798	4,739
15,001-20,000 ".....	982	163	2,370	3,354	6,869
20,001-30,000 ".....	132	265	2,254	994	3,645
30,001 lb. and over.....	—	50	215	424	689
Totals.....	11,106	6,120	31,401	22,410	71,037

APPENDIX - Concluded

Type of operation and gross vehicle weight group	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Total
B. Survey Response					
Total number of trucks selected in samples					
For hire	418	63	467	321	1,269
Private:					
Intercity	1,563	879	3,137	2,072	7,651
Urban	1,315	285	1,322	1,276	4,198
Farm	109	519	483	500	1,611
Totals	3,405	1,746	5,409	4,169	14,729
Number of questionnaires returned completed					
For hire	135	19	181	139	474
Private:					
Intercity	551	262	1,294	740	2,847
Urban	465	80	541	444	1,530
Farm	36	159	202	174	571
Totals	1,187	520	2,218	1,497	5,422
Number of sampled trucks reported not in use during survey week					
For hire	139	16	146	85	386
Private:					
Intercity	459	201	872	622	2,154
Urban	389	72	361	387	1,209
Farm	33	117	129	150	429
Totals	1,020	406	1,508	1,244	4,178
Number of questionnaires not returned or returned incomplete and unusable					
For hire	144	28	140	97	409
Private:					
Intercity	553	416	971	710	2,850
Urban	461	133	420	445	1,459
Farm	40	243	152	176	611
Totals	1,198	820	1,683	1,428	5,129

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