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ATLANTIC PROVINCES

1961



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ATLANTIC PROVINCES JANUARY I - DECEMBER 31,1961

CHART-I TRUCK REGISTRATIONS BY TYPE OF OPERATION

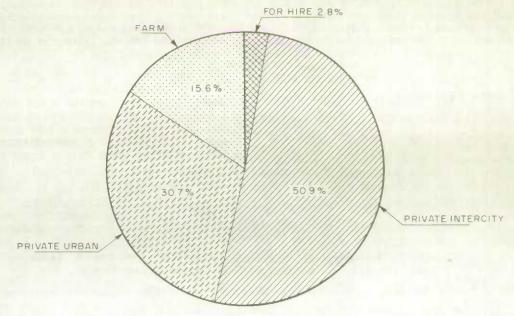
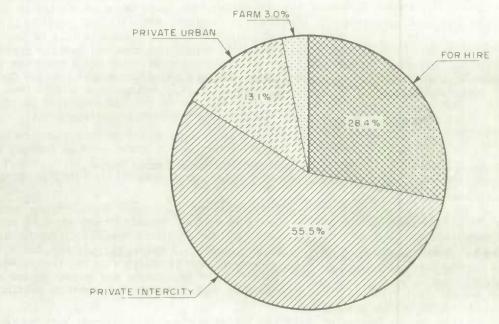


CHART-2 NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

The 1961 annual report of motor transport traffic in the Atlantic provinces is based upon a sample of approximately 20 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 to 1960.

Expansion of Survey Results

As this survey is conducted on a sample basis the data obtained for the vehicles included in the sample in each province have to be expanded to represent the traffic of each provincial truck population. Provincial data have then to be added together to arrive at totals for the Atlantic provinces. Current procedures in arriving at provincial and Atlantic provinces' totals 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 ratios provides an estimated quarterly population for each province. Prior to 1959 the data for each quarterly provincial 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 in each province by the inverse of the appropriate selection ratios to arrive at quarterly provincial populations broken down by weight group.

The four quarterly populations by gross vehicle weight are added together and an average provincial weight group distribution for the year is computed. These weight group distributions are applied to the constant population. The provincial populations then have to be distributed by function. In provinces where it is not possible to use the existing licence categories this is done by using the distribution obtained from the previous year's questionnaires. This latter procedure was introduced in 1959. Prior to that year the distribution by function, when not available from the licence, was determined from completed questionnaires for each quarter, separately.

- 3. Now that the constant provincial populations have 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 in each province 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 provincial 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.
- Annual provincial totals are added together to obtain estimates for the Atlantic provinces.

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 the Atlantic provinces during the year rose 1.0 per cent to 72,700 from 72,000 in 1960. Of these 2,001 or 2.8 per cent were for hire trucks; 37,013 or 50.9 per cent were private intercity vehicles; 22,326 or 30.7 per cent were private vehicles operating wholly within urban areas; and 11,360 or 15.6 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 2.8 per cent of region's truck population, for hire vehicles accounted for 28.4 per cent of the total net ton miles and 8.1 per cent of the total tons of goods carried during 1961. This results from the high average yearly mileage of these trucks, 15,100 miles as compared with 6,700 miles for all trucks, and from the heavy average load carried of 9.0 tons compared to 3.4 tons for all trucks. Since two fifths 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, 6.3 compared with 10.2 for all trucks.

It is estimated that urban operations accounted for 5.8 per cent of the total net ton miles performed by for hiretrucks registered in the Atlantic provinces (Newfoundland 54.3 per cent, Prince Edward Island 1.7 per cent, Nova Scotia 9.1 per cent and New Brunswick 0.8 per cent) and 2.4 per cent of the total net ton miles performed by private intercity

vehicles (Newfoundland 4.7 per cent, Prince Edward Island 2.2 per cent, Nova Scotia 2.0 per cent and New Brunswick 2.6 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 22 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 27 per cent, Nova Scotia 22 per cent and New Brunswick 20 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 24.6 per cent and private intercity 5.6 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 4.1 per cent of Newfoundland's truck population which was classified as for hire for this report accounted for 13.6 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 13.7 per cent of the total net ton miles although they comprised only an estimated 1.3 per cent of the total truck population and carried only 2.3 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 96.2 miles by the for hire vehicles compared with an average haul of 16.1 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 10.4 per cent of the total volume and accounted for 74.8 million net ton miles or 26.4 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 16.7 million tons and performed 322.6 million net ton miles. For hire vehicles accounted for 108.0 million net ton miles or 33.5 per cent of the total.

Appendix

During the year survey questionnaires were sent to the owners or operators of 14,636 trucks. Of this number 5,269 were returned completed and 4,508 trucks were reported not used during the survey week. The remaining 4,859 were either returned incomplete and unusable or not returned at all.

December 7, 1962.

SECTION 1. TRAFFIC PERFORMED INSIDE AND OUTSIDE THE REGION BY TRUCKS REGISTERED IN THE ATLANTIC PROVINCES, JANUARY 1 - DECEMBER 31, 1961

TABLE 1. All Trucks by Type of Operation

			Private		
	For hire	Intercity	Urban	Farm	Total
Mileage:					
Total mileage travelled '000 Average yearly mileage per truck Average distance each ton was carried Percentage of total mileage travelled empty	30,213 15,100 64.4 29.1	293,466 7,900 17.8 63.8	121,702 5,500 7.9 53.5	44,999 4,000 14.2 61.4	490,380 6,700 18.4 58.9
Fuel:					
Total gallons of gasoline consumed '000 Miles per gallon of gasoline Total gallons of diesel oil consumed '000 Miles per gallon of diesel oil Total gallons of other fuel consumed '000 Miles per gallon of other fuel	3, 694 6.3 1, 187 6.0	29, 106 10. 1	11.095	3,571 12.6	47, 466 10. 2 1, 187 6. 0
Weight of goods carried:					
Total tons of goods carried	2,988 9.0	21, 119	11, 247	1,402	36,756 3.4
Net ton miles:					
Total net ton miles performed	192, 586 96, 200	376,274 10,200	88,659 4,000	19, 962 1, 800	877, 481 9, 300
Capacity ton miles:					
Total capacity ton miles ''	350,045 174,900 55.0	1,019,628 27,500 36.9	272.761 12.200 32.5	70, 357 6, 200 28. 4	1,712,791 23,600 39.6
Gross ton miles:					
Total gross ton miles'	449, 578 224, 700	1, 258, 490 34, 000	400, 289 17, 900	115,525 10,200	2,223,882 30,600
Revenue:					
Total revenue \$'000 Revenue per ton mile \$ Revenue per mile (total mileage travelled) \$ Average revenue per truck \$	16,536 8.6 54.7 8,300	-	= =	= = = = = = = = = = = = = = = = = = = =	
Estimated annual population	2, 001	37, 013	22,326	11,360	72,700

TABLE 2. All Trucks by Gross Vehicle Weight Group

E Chi	7.2.2. 2. 141	II deka ay	ross venicie	werght oroup			
	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 1b.	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled	70,041 5,000 13.9	253, 386 6, 000 19. 5	27, 124 6, 000 12. 1	56, 357 8, 400 10, 4	52, 031 13, 400 14. 0	31,441 25,000 65.6	490, 390 6, 700 18. 4
empty	73.9	68. 1	37.9	39.8	41. 8	31.9	56.9
Fuel: Total gallons of gasoline consumed '000 Miles per gallon of gasoline	4,608 15.2 —	20,690 12.2	2, 956 9, 2 — — —	7,157 7.9 — — —	7.151 7.3 — — —	4,904 5.0 1,187 6.0	47,466 10.2 1,187 6.0
Weight of goods carried:							
Total tons of goods carried	458 0.3	2, 545 0. 6	3,362 2.4	13, 219 4. 0	13,226 6.1	3, 946 12, 1	36,756 3.4
Net ton miles:							
Total net ton miles performed	6,374 500	49,553 1,200	40,513 8,900	137, 243 20, 300	185,094 47,500	258, 704 205, 500	677,481 9,300
Capacity ton miles:							
Total capacity ton miles ² '000 Average capacity ton miles per truck Percentage of capacity utilized	55, 598 4, 000 11.5	339, 242 8, 000 14. 6	99, 191 21, 800 40. 8	317, 545 47, 100 43. 2	419,922 107,800 44.1	481,293 382,300 53.8	1.712,791 23,606 39.6
Gross ton miles:							
Total gross ton miles ²	113,574 8,200	591,095 14,000	134, 904 30, 000	363,313 53,800	436, 136 112, 000	584,860 464,500	2,223 ,882 30,600
Estimated annual population	13,898	42,349	4,551	6,749	3,894	1,259	72,700

TABLE 3, Selected Statistics by Gross Vehicle Weight Group

				For hire							
Grass vehicle weight	Weight of goods carried	s travelled		Average weight carried	Average distance per ton	Total revenue	Revenue per ton mile				
	'000 tons	'000	2000	tons	miles	\$*000	¢				
20,000 lb, and under	1,091	3,441	11,215	3.3	10,3	3,422	30, 5				
20,001 - 30,000 lb	744	4, 945	25, 562	5, 2	34.4	3,022	11.8				
30,001 - 50,000 lb	475	5, 032	36,934	7, 3	77.8	3, 851	10,4				
50,001 lb. and over	678	8,011	118, 875	14.8	175.4	6, 241	5, 3				
Totals	2,988	21, 429	192, 586	9, 0	64. 4	16, 536	8, 6				
	Private intercity										
	Weight of goods carried	trav	l miles elled load	Total net ton miles	Average weight carried		Average listance per ton				
	'000 tons	*1	000	000	tons		miles				
10,000 lb, and under		999	43,071	24,503		0, 6	24, 5				
10,001 - 20,000 1ь,	10	427	35, 135	129,434		3, 7	12.4				
20,001 - 30,000 lb	7	, 867	20,546	130, 176		6, 3	16, 5				
30,001 lb. and over	1	, 826	7, 485	92,161		12.3	50.5				
Totals	21	119	106, 239	376, 274		3, 5	17.8				

TABLE 4. Selected Statistics by Commodity Group

	For hire										
Commodity group	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	_	_	men			-	_				
Food, feed, beverages and tobacco	391	5, 326	50,078	9.4	128, 1	3, 228	6. 4				
Crude materials, inedible	948	1,286	11, 288	8,8	11, 9	1, 411	12, 5				
Fabricated materials, inedible	497	3, 006	37, 228	12.4	74. 8	2, 162	5, 8				
End products, inedible	174	3, 607	24, 593	6, 8	141.5	2, 960	12.0				
General freight	978	8, 202	69, 399	8, 5	71. 0	6, 775	9, 8				
Totals	2,988	21, 429	192, 586	9,0	64. 4	16, 536	8, 6				
	Private intercity										
	Weight of goods carried	trav	l miles relled	Total net ton miles	Averag weight carried		Average distance per ton				
	'000 tons		000	'000	tons		miles				
Live animals		29	411	765		1, 9	26. 3				
Food, feed, beverages and tobacco	1	, 944	38, 572	96, 447		2. 5	49.6				
Crude materials, inedible	15	, 029	21, 391	144, 366		6, 7	9.6				
Fabricated materials, inedible	2	, 918	15, 089	64, 314		5. 6	28. 9				
End products, inedible		438	12, 746	23, 643		1, 9	53.9				
General freight		761	18,030	26,719		1.5	35, 1				
Totals	21	, 119	106, 239	376, 274		3, 5	17.8				

SECTION II. TRAFFIC PERFORMED WITHIN THE REGION BY TRUCKS REGISTERED IN THE ATLANTIC PROVINCES JANUARY 1-DECEMBER 31, 1961

TABLE 5. All Trucks by Type of Operation

	For hire		Private		
	rot mie	Intercity	Urban	Farm	Total
Mileage:					
Total mileage travelled	25, 870 12, 900 48, 9 31, 0	289, 737 7, 800 16, 8 64, 0	121,702 5,500 7,9 53,5	44,999 4,000 14.2 61.4	482, 308 6, 600 16, 6 59, 3
Fuel:					
Total gallons of gasoline consumed '000 Miles per gallon of gasoline Total gallons of diesel oil consumed '000 Miles per gallon of diesel oil Total gallons of other fuel consumed '000 Miles per gallon of other fuel consumed '000 Miles per gallon of other fuel consumed '000 Miles per gallon of other fuel	3, 323 6, 4 802 5, 9	28, 562 10, 1	11,095 11,0 - - -	3,571	46,551 10.3 802 5.9
Weight of goods carried:					
Total tons of goods carried '000 Average weight carried ton	2,970 8,1	21, 114	11, 247 1, 6	1,402	36, 733 3, 1
Net ton miles:					
Total net ton miles performed	145, 120 72, 500	355, 118 9, 600	88,659 4,000	19, 962 1, 800	608, 859 8, 400
Capacity ton miles:					
Total capacity ton miles 2	284, 404 142, 100 51, 0	977, 954 26, 400 36, 3	272, 761 12, 200 32, 5	70, 357 6, 200 28, 4	1,605,476 22,100 37,9
Gross ton miles:					
Total gross ton miles	353,145 176,500	1,214,783 32,800	400, 289 17, 900	115,525 10,200	2,083,742 28,700
Revenue:					
Total revenue \$'000 Revenue per ton mile \$ \$ Revenue per mile (total mileage travelled) \$ Average revenue per truck \$	13, 772 9. 5 53. 2 6, 900	=	=	=	
Estimated annual population	2,001	37,013	22,328	11,360	72, 700

TABLE 6. All Trucks by Gross Vehicle Weight Group

世上與一使四	0-2½ tons 0-5,000 lb.	2½-5tons 5,001-10,000 ib.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15,001-20,000 1b.	10-15 tons 20,001-30,000 lb,	Over 15 tons 30,001 lb. and over	Total
Mileage:							
Total mileage travelled	69,338 5,000 13,9	253, 386 6, 000 19, 5	26,773 6,000 12,0	56,247 8,300 10,4	50,925 13,100 13,5	25,639 20,400 50,1	482, 308 6, 600 16, 6
Percentage of total mileage travelled empty	73,7	68.1	38, 3	39.8	41.9	33,8	59, 3
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline	4,562 15,2	20,690 12,2	2,917	7,141	6, 996 7, 3	4, 245 4, 9 802	46, 551 10, 3 802
Miles per gallon of diesel oil	=		=	=	= =	5. 9	5. 9
Weight of goods carried:							
Total tons of goods carried	458 0, 3	2, 545 0, 6	3,380 2,4	13, 219 4, 0	13, 226 6, 1	3, 925 11, 6	36, 733 3, 1
Net ton miles:							
Total net ton miles performed	6,368 500	49, 553 1, 200	40, 273 8, 800	136, 930 20, 300	179,002 46,000	196,733 156,300	608, 859 8, 400
Capacity ton miles:						B-10-1	
Total capacity ton miles 2	54,790 3,900 11,6	339, 242 8, 000 14, 6	98, 072 21, 600 41, 1	316,792 46,900 43,2	407, 662 104, 700 43, 9	388, 918 308, 900 50, 6	1,605,476 22,100 37,9
Gross ton miles:	AL THE						
Total gross ton miles	112,024 8,100	591, 095 14, 000	133,418 29,300	362,550 53,700	424, 489 109, 000	460,166 365,500	2,083,742 28,700
Estimated annual population	13,898	42, 349	4, 551	6,749	3,894	1, 259	72,700

SECTION III. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY TRUCKS REGISTERED IN THE ATLANTIC PROVINCES, JANUARY 1-DECEMBER 31, 19614

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

		For hire		Private intercity			Total		
Origin and destination	Into Atlantic region	Out of Atlantic region	Total	Into Atlantic region	Out of Atlantic region	Total	Into Atiantic region	Out of Atlantic region	Total
				4	'000 tons				
Quebec	53	53	106	4	11	15	57	64	121
Ontario	6	3	9			-	6	3	9
Manitoba	-	-	-	-	_	-	-	-	-
Sas katchewan	-	-	_	-	-	-	-	_	_
Alberta	ente	-	-	-	-	-	-	- 1	-
British Columbia	-	-	-	-	-	-	-	-	7 == -
Yukon and Northwest Territories		-	74	-		-	-	-	-
United States	14	9	23	19	148	167	33	157	190
Totals	73	65	138	23	159	182	96	224	320

TABLE 8. Selected Statistics by Commodity Group

	For hire										
Commodity classification	goods tr		Total miles Total net ton with load miles		Average weight carried	Average distance per ton	Totai revenue	Revenue per ton mile			
	'000 tons	000 tona '000		'000	tons	miles	\$'000	¢			
Live animals	-						1-	_			
Food, feed, beverages and tobacco	66		1,671	24, 223	14.5	364.3	1,164	4.8			
Crude materials, inedible	_		_	_	_	_	_	_			
Fahricated materials, inedible	6		245	3,007	12.3	536.0	115	3, 8			
End products, inedible	19		1,526	13,053	8.6	689.2	1,237	9.5			
General freight	47		1,126	20,017	17.8	424.6	850	4.2			
Totals	138		4,568	60, 300	13,2	436,4	3, 366	5,6			
	Private intercity										
	Weight of goods carried		Total miles travelled with load		Total net ton miles	Average weigh carrie	t	Average listance per ton			
	'000 tons	tons '000		00	'000	tons		miles			
Live animals		-			-		-	-			
Food, feed, beverages and tobacco		17		948	10, 105		10.7	587.1			
Crude materiais, inedible		116		539	7,244		13.4	62.5			
Fabricated materials, inedible		40		348	5, 949		17. 1	150.8			
End products, inedible		-		- 1	1050 -	- 335 M	- 1				
General freight		9		387	4,727		12.2	502.3			
Totals		182		2, 222	28,025		12, 6	153, 9			

SECTION IV. TRAFFIC PERFORMED BY NEWFOUNDLAND REGISTERED TRUCKS WITHIN THE PROVINCE JANUARY 1-DECEMBER 31, 1961*

TABLE 9. All Trucks by Type of Operation

			Private		
	For hire	Intercity	Urban	Farm	Total
Mileage:	- 20 - 100				
Total mileage travelled '00 Average yearly mileage per truck Average distance each ton was carried Percentage of total mileage travelled empty	2,938 6,000 7.6 39.8	37,010 6,100 11.4 69.5	24, 584 5, 000 6.1 55.5	2,758 5,400 26.1 63.2	67, 290 5, 600 8, 6 62, 8
Fuel:					
Total gallons of gasoline consumed '00 Miles per gallon of gasoline Total gallons of diesel oil consumed '00 Miles per gallon of diesel oil Total gallons of other fuel consumed '00 Miles per gallon of other fuel	8.2	3,079	2,091	199	5,727 11.8 —
Weight of goods carried:			_	_	_
Total tons of goods carried		2,255	2, 352 1. 3	26 0. 7	5,473 1,9
Net ton miles:					-10
Total net ton miles performed	6,404 13,000	25, 815 4, 200	14, 240 2, 900	663	47, 122 3, 900
Capacity ton miles:					
Total capacity ton miles a	0 14,445 29,400 44.3	82,352 13,500 31.3	46, 836 9, 500 30, 4	3, 138 6, 200 21, 1	146,771 12,200 32.1
Gross ton miles:					
Total gross ton miles	0 17,610 35,900	113,439 18,700	69, 957 14, 200	5, 826 11, 400	206, 832 17, 200
Revenue:					
Total revenue \$'00 Revenue per ton mile \$ Revenue per mile (total mileage travelled) \$ Average revenue per truck \$	0 1,990 31.1 67.7 4,100		= = = = = = = = = = = = = = = = = = = =	=	
Estimated annual population	491	6,079	4, 921	509	12,000

TABLE 10. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 1b.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 1b.	7½-10 tons 15,001-20,000 lb.	Over 10 tons 20,001 lb. and over	Total
Mileage:						
Total mileage travelled	37,094 4,900 13.5 75.1	12, 921 5, 900 13, 8 54, 3	6,517 6,500 7.6 46.0	7,320 7,800 11.7 39.4	3, 438 9, 500 5. 7 44. 0	67, 290 5, 600 8, 8 62, 8
Fuel:						
Total gallons of gasoline consumed '000 Miles per gallon of gasoline '000 Total gallons of diesel oil consumed '000 Miles per gallon of diesel oil '000 Total gallons of other fuel consumed '000	2,486 14.9 —	1,084 11.9 —	700 9.3	938 7.8 —	519 6.6 —	5,727 11.8 — —
Miles per gallon of other fuel				_	-	-
Weight of goods carried: Total tons of goods carried	256 0. 4	302 0.7	1,353 2.9	1,504 4.0	2,058 6.1	5,473 1.9
Net ton miles:						
Total net ton miles performed	3,452 500	4, 180 1, 900	10, 235 10, 200	17, 572 18, 800	11,683 32,500	47, 122 3, 900
Capacity ton miles:						
Total capacity ton miles	31,911 4,200 10,8	20, 017 9, 200 20, 9	26,317 26,200 38.9	41, 165 44, 000 42. 7	27, 361 76, 000 42, 7	146,771 12,200 32.1
Gross ton miles:		11.14				
Total gross ton miles'000 Average gross ton miles per truck	64, 106 8, 500	33, 726 15, 400	33,836 33,500	47, 262 50, 500	28, 102 78, 100	206, 832 17, 200
Estimated annual population	7,514	2, 185	1,005	936	360	12,000

SECTION V. TRAFFIC PERFORMED BY PRINCE EDWARD ISLAND REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE, JANUARY 1-DECEMBER 31, 19614

TABLE 11. All Trucks by Type of Operation

		Private				
	For hire	Intercity	Urban	Farm	Total	
Mileage:						
Total mileage travelled '000 Average yearly mileage per truck	818 10, 200 96. 2 30. 7	16, 671 5, 600 16.3 69.2	4, 678 4, 100 6. 6 56. 1	6, 401 2, 900 9, 2 73, 4	28,568 4,500 16.1 66.9	
Fuel:						
Total gallons of gasoline consumed '000 Miles per gallon of gasoline '000 Total gallons of diesel oil consumed '000 Miles per gallon of diesel oil '000 Total gallons of other fuel consumed '000	115 7.1 = -	1, 437 11, 6 — —	364 12.8	455 14. 1	2, 37 1 12. 0 —	
Miles per gallon of other fuel	_	-	-	_		
Weight of goods carried:						
Total tons of goods carried '000 Average weight carried ton	35 6.0	1, 122 3.6	162 0.5	212 1. 1	1, 531 2. 6	
Net ton miles:						
Total net ton miles performed	3,383 42,300	18, 263 6, 100	1,075 900	1, 952 900	24, 673 3, 900	
Capacity ton miles:						
Total capacity ton miles 2 '000 Average capacity ton miles per truck Percentage of capacity utilized	6, 596 82, 500 51. 3	44,529 14,900 41.0	5, 244 4, 500 20, 5	7, 573 3, 500 25, 8	63,942 10,000 38.6	
Gross ton miles:						
Total gross ton miles of truck '000 Average gross ton miles per truck	8, 355 104, 400	57,060 19,100	8,960 7,800	12, 333 5, 600	86, 708 13, 500	
Revenue;						
Total revenue \$'000 Revenue per ton mile ¢ Revenue per mile (total mileage travelled) ¢ Average revenue per truck \$	437 12.9 53.4 5,500			= = =		
Estimated annual population	80	2, 983	1, 154	2, 183	6, 400	

TABLE 12. 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	18,687 4,100 10.3	4, 201 4, 200 10, 9	960 3,800 29.5	934 6,000 19,4	3, 306 7, 300 13.8	480 12,600 125.6	28,568 4,500 16.1
empty empty	77.4	57.0	31.5	35.7	44.4	30. 1	66.9
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline	1, 249 15. 0	351 12. 0	98 9.8	109 8.6	473 7.0	91 5. 3	2, 371 12, 0
Miles per gallon of diesel oil	_	= =	=	=	=	=	Ξ
Weight of goods carried: Total tons of goods carried '000 Average weight carried ton	145 0. 4	181	82 2.8	120 3.9	996 7.5	27 9.8	1,531 2,6
Net ton miles:							
Total net ton miles performed	1,502 300	1,978 2,000	1,836 7,300	2, 331 15, 000	13,737 30,500	3, 289 86, 500	24,673 3,900
Capacity ton miles:							
Total capacity ton miles ²	13, 344 3, 000 11, 3	6, 984 7, 000 28. 3	3,808 15,100 48.2	5, 336 34, 400 43. 7	28, 097 62, 400 48. 9	6, 373 167, 700 51. 6	83, 942 10, 000 38, 6
Gross ton miles:		Fe Unit					
Total gross ton miles	27,457 6,100	10,968 11,000	4,710 18,700	6,040 39,000	29, 489 65, 500	8, 044 211, 700	86,708 13,500
Estimated annual population	4, 505	1,000	252	155	450	38	6, 400

SECTION VI. TRAFFIC PERFORMED BY NOVA SCOTIA REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE JANUARY 1 - DECEMBER 31, 1961

TABLE 13. All Trucks by Type of Operation

	For hire	For hire			Total
	roi mie	Intercity	Urban	Farm	Total
Mileage:					
Total mileage travelled '0(Average yearly mileage per truck Average distance each ton was carried Percentage of total mileage travelled empty	13,176 14,600 55,1 26,7	135,743 8,500 24,6 63,7	47,677 5,300 7,6 59,3	23,737 4,500 19.4 62.2	220,333 7,100 21,7 60,4
Fuel:					
Total gallons of gasoline consumed '00 Miles per gallon of gasoline Total gallons of diesel oil consumed '00 Miles per gallon of diesel oil Total gallons of other fuel consumed '00 Miles per gallon of other fuel	6.2 336 5.9	13,546	4,293 11.1 - - -	1,901 t2,5	21,546 10,1 336 5,9
Weight of goods carried:					
Total tons of goods carried '00 Average weight carried to		6,704 3,4	4.578	423 0.9	13,063 3.2
Net ton miles:					
Total net ton miles performed	74,829 82,700	165,085 10,300	35,013 3,900	8,202 1,600	283, 129 9, 100
Capacity ton miles:					
Total capacity ton miles ' '0(Average capacity ton miles per truck Percentage of capacity utilized	145,201 160,400 51.5	462,827 28,900 35.7	104,309 11,600 33.6	33, 098 6, 300 24, 8	745, 435 24, 000 38, 0
Gross ton miles:					
Total gross ton miles to 'Od Average gross ton miles per truck	190,139 210,100	572,768 35,800	153,105 17,100	57,504 11,000	973,516 31,300
Revenue:					
Total revenue \$'0 Revenue per ton mile \$ Revenue per mile (total mileage traveiled) \$ Average revenue per truck \$	7,450 10.0 56.5 8,200		= = =	-	=
Estimated annual population	905	16,001	8,962	5, 232	31,100

TABLE 14. Ail Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5,000 1b.	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 Average yearly mileage per truck Average distance each ton was carried Percentage of total mileage travelled	10,789 8,300 27.4	139,969 5,900 21,4	9,057 6,000 13.8	16,553 8,300 17,9	30,370 14,200 16.4	13,595 23,300 45,9	220,333 7,100 21,7
empty	68.5	70.8	36.8	37.1	41.3	34.0	60.4
Fuel:							
Total gallons of gasoline consumed '000 Miles per gallon of gasoline	663 16.3	11,495 12.2 ——————————————————————————————————	968 9,4 — — —	2,011 8.2 - - -	4,081 7.4 — — —	2,328 5.0 336 5.9 —	21,546 10,1 336 5,9
Weight of goods carried:							
Total tons of goods carried	34 0.3	1,294 0,7	918 2. 2	2.087 3.6	6,861 6.1	2,069 10.6	13,063 3,2
Net ton miles:		The same	111111111111111111111111111111111111111				
Total net ton miles performed '000 Average net ton miles per truck	933 700	27,641 1,200	12,638 8,400	37,394 18,800	109,470 51,300	95, 053 162, 800	283, 129 9, 100
Capacity ton miles:							
Total capacity ton miles ' '000 Average capacity ton miles per truck Percentage of capacity utilized	7,353 5,600 12,7	173,712 7,400 15.9	30,644 20,400 41.2	92,127 46,300 40.6	246,262 115,400 44.5	195, 337 334, 500 48, 7	745,435 24,000 38.0
Gross ton miles:							
Total gross ton miles ''000 Average gross ton miles per truck	15,856 12,200	311,717 13,200	43.702 29,100	105,159 52,800	257,685 120,800	239, 397 409, 900	973,516 31,300
Estimated annual population	1,302	23, 587	1,502	1,991	2,134	584	31,100

SECTION VII. TRAFFIC PERFORMED BY NEW BRUNSWICK REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE, JANUARY 1-DECEMBER 31, 1961

TABLE 15. All Trucks by Type of Operation

				Private		PT - 4 - 1
		For hire	Intercity	Urban	Farm	Total
Mileage: Total mileage travelled	'000	13, 281 25, 300 143.0 29.0	104, 042 8, 700 15.1 61.0	44.763 6,100 9.2 45.9	12.103 3,500 12.3 53.1	174, 189 7, 500 19, 3 54, 1
Fuel: Total gallons of gasoline consumed Miles per gallon of gasoline Total gallons of diesel oil consumed Miles per gallon of diesel oil Total gallons of other fuel consumed Miles per gallon of other fuel	'000 '000	1,415 5.8 851 6.0	11, 044 9. 4 — — —	4, 347 10. 3	1,016	17, 822 9.5 851 6.0
Weight of goods carried: Total tons of goods carried Average weight carried ¹	'000 ton	755 11.4	11,038	4. 155	741 1.6	i6,689 4.0
Net ton miles: Total net ton miles performed	'000	107, 970 205, 700	167, 111 14, 000	36,331 5,300	9, 145 2, 700	322,557 13,900
Capacity ton miles: Total capacity ton miles ¹ Average capacity ton miles per truck Percentage of capacity utilized	'000	183, 803 350, 100 58, 7	429, 920 36, 000 38. 9	116.372 16.000 32.9	26, 548 7, 700 34.5	756, 643 32, 600 42, 6
Gross ton miles: Total gross ton miles Average gross ton miles per truck	,000	233, 474 444, 700	515, 223 43, 100	166, 267 23, 100	39, 862 11, 600	956, 826 41, 200
Revenue: Total revenue Revenue per ton mile Revenue per mile (total mileage travelled) Average revenue per truck	¢ ¢ \$	6,659 6,2 50,1 12,700		-		=
Estimated annual population		525	11,950	7, 289	3,436	23, 200

TABLE 16. All Trucks by Gross Vehicle Weight Group

	0-2½ tons 0-5.000 1b.	2½-5 tons 5,001-10,000 lb.	5-7½ tons 10,001-15,000 lb.	7½-10 tons 15.001-20.000 ib.	10-15 tons 20.001-30.000 lb.	Over 15 tons 30,001 ib. and over	Total
Mileage: Total mlleage travelled	3.471	96, 295	10,590	31,550	15,095	17.168	174. 189
	6,000	6, 200	5,900	8,600	14,600	31.200	7, 500
	20.8	20, 5	15.4	8.4	14.2	90.2	19. 3
empty	59.4	66.5	34.3	41.4	42.0	30. 1	54.1
Fuel: Total gallons of gasoline consumed '000 Miles per galion of gasoline	210 16.5 — —	7. 760 12. 4 —	1, 190 8, 9 — — —	4, 099 7.7 — —	2.118 7.1 —	2, 445 5, 0 851 6, 0	17, 822 9, 5 851 6, 0
Weight of goods carried: Total tons of goods carried	23	768	1,029	9, 508	3, 590	1,771	16,689
	0.3	0. 5	2.3	4-3	5. 6	13.3	4.0
Net ton miles: Total net ton miles performed'000 Average net ton miles per truck	487	15.754	15, 804	79. 946	50,840	159, 726	322,557
	800	1,000	8, 600	21, 800	49,100	289, 900	13,900
Capacity ton miles: Total capacity ton miles ² '000 Average capacity ton miles per truck Percentage of capacity utilized	2,990	138, 529	38, 422	178, 917	120, 288	277, 497	756, 643
	5,200	8, 900	21, 400	48, 800	116, 100	503, 600	32, 600
	16.3	11. 4	41. 1	44, 7	42, 3	57, 6	42, 6
Gross ton miles: Total gross ton miles ³	6, 155	234.684	52, 856	204. 852	122,595	335, 684	956, 826
	10, 700	15,100	29, 500	55, 900	118,300	609, 200	41, 200
Elstimated annual population	577	15, 577	1.792	3,667	1,036	551	23,200

^{&#}x27;Net ton miles divided by miles travelled with load.
'Capacity ton miles are determined by multiplying the actual number of miles travelled by the estimated capacity of the weight of the heaviest load carried, whichever is larger.

'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.

'These estimates contain a large degree of sampling error and should be used with considerable caution.

DOMINION BUREAU OF STATISTICS



APPENDIX

Type of operation and gross vehicle weight group	New- foundland	Prince Edward Island	Nova Scotia	New Brunswick	Total				
	A. Population								
	E	Stimated truck popula	tion in the Atlantic	Provinces in 1961					
For hire	491	80	905	525	2.00				
	131	00	300	323	2,00				
Private:	0.070	0.000	10.001	000					
Intercity	6,079	2, 983	16,001	11,950	37.01				
Urban Farm	4,921	1,154 2,183	8,962	7, 289	22,32				
			5, 232	3.436	11,36				
Totals	12,000	6, 400	31, 100	23, 200	72,70				
0- 5,000 lb	7,514	4,505	1,302	577	13,89				
5,001-10,000 ''	2,185	1,000	23,587	15,577	42,34				
0,001-15,000 ''	1,005	252	1.502	1.792	4,55				
5,001-20,000 ''	936	155	1,991	3,667	6,74				
0,001-30,000 ''	274	450	2,134	1,036	3,89				
0,001 lb. and over	86	38	584	551	1,25				
Totals	12,000	6,400	31, 100	23,200	72,70				
0.000		В	Survey Response						
			of trucks selected in	samples					
or hire	252	51	436	351	1, 09				
rivate:									
Intercity	1,866	873	2,437	2,005	7,18				
Urban	1,770	367	1,482	1,289	4.90				
Farm	92	581	318	466	1,45				
Totals	3,980	1,872	4, 673	4,111	14,63				
		Number of ques	stionnaires returned	completed					
Ta bles	93	1.0	100	354	40				
or hire	93	16	169	154	43				
Private:	1000								
Intercity	690	202	961	752	2,60				
Urban	646	67	588	481	1.80				
Farm	34	140	131	125	43				
Totals	1,463	445	1,849	1,512	5,26				
	Nu	mber of sampled truck	s reported not in us	e during survey week					
For hire	83	15	157	86	34				
Private:									
Intercity	605	276	767	597	2, 24				
Urban	567	112	439	369	1,48				
Farm	28	174	87	146	43				
Totals	1, 283	577	1, 450	1. 198	4,50				
		of questionnaires not							
	Mumber	or dacasionillanes not	resumed of resumed	theomptere and undsa	.U.C				
or hire	76	20	110	111	31				
		20	110	111	31				
Private:									
Intercity	571	395	709	656	2,33				
Urban	557	168	455	439	1,61				
Farm	30	267	100	195	59				
Totals	1,234	850	1,374	1,401	4, 85				