

CATALOGUE No.

53-214

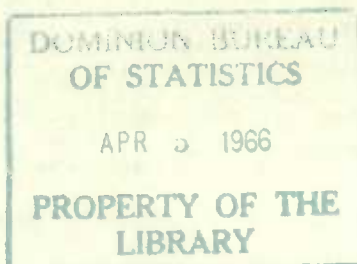
ANNUAL

Discontinued

C.3



MOTOR TRANSPORT TRAFFIC
PROVINCE OF BRITISH COLUMBIA
1964



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

March 1966
8504-554

Price: 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with

ROAD TRANSPORT

Catalogue number	Title	Price per copy
	Periodical	
53-001	Motor vehicle Traffic Accidents – quarterly (approx. 31 pp.) Number of accidents, persons killed and injured, property damage, time, place, road conditions, etc., by province. (A condensed monthly report of motor vehicle traffic accidents is published as a release in the Dominion Bureau of Statistics Daily Bulletin) (\$2 a year)	.50
53-002	Passenger Bus Statistics – Intercity and Rural – Bil. monthly (approx. 4 pp.) Number of companies, passengers carried, vehicle miles run, fuel consumed, revenue, by province.... (\$1 a year)	.10
53-003	Urban Transit – Bil. monthly (approx. 4 pp.) Number of companies, passengers carried, vehicle miles run, fuel consumed, and revenue by electric car, trolley coach and motor bus, by province (\$1 a year)	.10
53-004	Motor Transport Traffic: By Commodities – quarterly (approx. 10 pp.) Mileage, ton miles and weight of goods carried by commodity for for-hire and private intercity carriers (\$2 a year)	.50
53-005	Motor Carriers Freight – quarterly (approx. 4 pp.) Numbers of Class 1 and Class 2 companies, operating revenues and expenses and tonnages handled, by province..... (\$1 a year)	.25
	Annual	
53-201	Road and Street Mileage and Expenditure (approx. 15 pp.) Road and street mileages, construction, maintenance and administration expenditures on highways, bridges, ferries and urban streets, by province50	.50
53-202	International Toll Bridges, Tunnels and Ferries (approx. 12 pp.) Investment, revenues, expenses, traffic, employees, salaries and wages and accidents with list of facilities50	.50
53-206	Motor Vehicle Traffic Accidents (approx. 71 pp.) Number of accidents, persons killed and injured, property damage, time, place, road conditions, etc., by province 1.00	1.00
53-215	Passenger Bus Statistics (approx. 14 pp.) Number of companies, investment, operating revenues and expenses, employees, salaries and wages, equipment traffic and accidents, by province50	.50
53-216	Urban Transit (approx. 20 pp.) Investment, revenues, expenses, passengers carried, vehicle miles run, fuel consumed, by electric car, trolley coach and motor bus; equipment, accidents, employees, salaries and wages by province50	.50
53-217	The Motor Vehicle: Part I – Rates and Regulations (approx. 40 pp.) Size, weight and safety regulations, reciprocal highway agreements, fees, taxes and motor carrier regulations, and gasoline tax rate review, by province75	.75
53-218	The Motor Vehicle: Part II – Motive Fuel Sales (approx. 10 pp.) Gross and net sales of gasoline and net sales of diesel oil50	.50
53-219	The Motor Vehicle: Part III – Registrations (approx. 14 pp.) Registrations by type of vehicle, by provinces and municipalities50	.50
53-220	The Motor Vehicle: Part IV – Revenues (approx. 11 pp.) Provincial government revenues from registrations and gasoline taxes; and unsatisfied judgment fund data, by province50	.50
53-221	Moving and Storage, Household Goods (approx. 12 pp.) Number of companies, investment, operating revenues and expenses, employees, salaries and wages, storage space and equipment, by province50	.50
53-222	Motor Carriers – Freight (Common and Contract) – Part I Classes 1 and 2 (approx. 32 pp.) Number of companies, investment, operating revenues and expenses, employees, salaries and wages, equipment and accidents, by province, by revenue class and by type of operation75	.75
53-223	Motor Carriers – Freight (Common and Contract) – Part II Classes 3 and 4 (approx. 16 pp.) See above for description50	.50
63-212	Warehousing (General Merchandising and Refrigerated Goods) (approx. 10 pp.) Number of companies, property, operating and income accounts, employees compensation, storage facilities, truck equipment, by province50	.50
	Motor Transport Traffic	
	Each of the following series of eight annual reports provides statistics on mileage, fuel consumption, truck capacity, goods carried, ton miles, revenues and number of trucks by type of oper- ation and gross vehicle weight group.	
53-207	Motor Transport Traffic: Canada (approx. 30 pp.)50	.50
53-208	Motor Transport Traffic: Atlantic Provinces (approx. 18 pp.)50	.50
53-209	Motor Transport Traffic: Quebec (approx. 12 pp.)50	.50
53-209F	Transport routiers de marchandises: Québec (approx. 12 pp.)50	.50
53-210	Motor Transport Traffic: Ontario (approx. 12 pp.)50	.50
53-211	Motor Transport Traffic: Manitoba (approx. 12 pp.)50	.50
53-212	Motor Transport Traffic: Saskatchewan (approx. 12 pp.)50	.50
53-213	Motor Transport Traffic: Alberta (approx. 12 pp.)50	.50
53-214	Motor Transport Traffic: British Columbia (approx. 12 pp.)50	.50

Remittances should be in the form of cheque or money order,
made payable to the Receiver General of Canada and forwarded to
the Publications Distribution Unit, Financial Control Section,
Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa,
Canada.

TABLE OF CONTENTS

	Page
Chart 1. Truck Registration by Type of Operation	4
2. Net Ton Miles by Type of Operation	4
Introduction	5

Section I. Traffic Performed by British Columbia Registered Trucks Inside and Outside the Province, January 1 – December 31, 1964

Table

1. Total Operations of All Trucks	7
1 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm Trucks...	7
2. Total Operations of All Trucks by Gross Vehicle Weight Group	8
2 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm Trucks by Gross Vehicle Weight Group	8
3. Selected Statistics by Gross Vehicle Weight Group	9
4. Selected Statistics by Commodity Group	9

Section II. Traffic Performed by British Columbia Registered Trucks Within the Province, January 1 – December 31, 1964

5. Total Operations of All Trucks	10
5 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm Trucks...	10
6. Total Operations of All Trucks by Gross Vehicle Weight Group	11
6 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm Trucks by Gross Vehicle Weight Group	11

Section III. Interprovincial and International Traffic Performed by British Columbia Registered Trucks, January 1 – December 31, 1964

7. Tons of Goods Carried by Province of Origin and Destination	12
8. Selected Statistics by Commodity Group	12

Appendix

Estimated British Columbia Truck Population	13
---	----

PROVINCE OF BRITISH COLUMBIA
JANUARY 1-DECEMBER 31, 1964

CHART-1

TRUCK REGISTRATIONS BY TYPE OF OPERATION

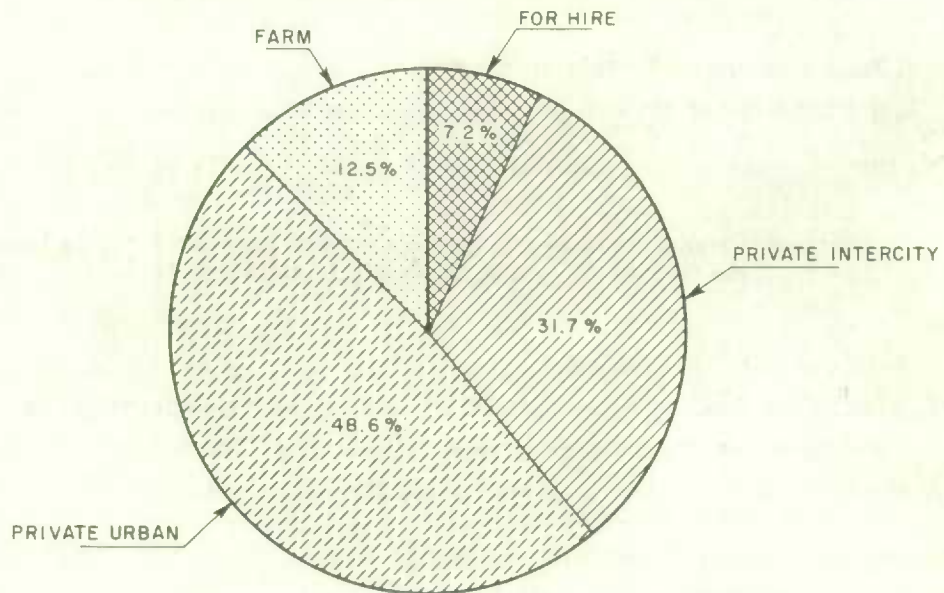
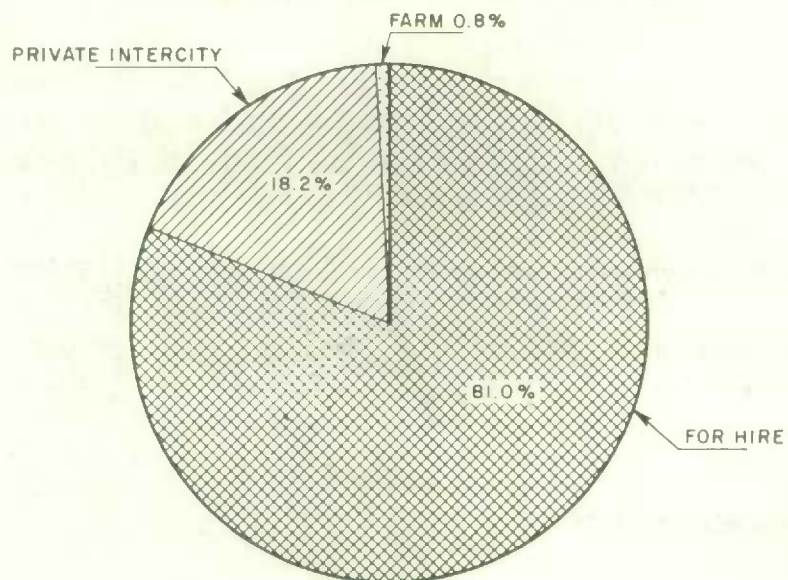


CHART-2

NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

The 1964 annual report of motor transport traffic in the Province of British Columbia is based upon a sample of approximately 6 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.

For hire trucks ("E" "G" "H" and "J" carriers) are registered separately in British Columbia while a restricted "F" licence is available to

farmers. Vehicles falling in these categories therefore can be easily allocated to the appropriate class. However, for other trucks it is necessary to use completed questionnaires to classify privately operated vehicles in the sample as "intercity", "urban" or "farm".

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

- | | |
|-------------------|---|
| For hire | - "E", "G", "H" and "J" carrier licensed vehicles operated in intercity service and/or urban areas. |
| Private intercity | - private non-farm vehicles operating beyond urban areas. |
| Private urban | - private vehicles operating only within urban areas. |
| Farm | - "F" licensed vehicles and other private vehicles owned and operated by farmers. |

Beginning in 1964 the only data recorded for vehicles performing **urban** or **local** operations, regardless of category, are **miles travelled** and **gallons of fuel used** and the **estimated population**. For this reason the 1964 figures shown under various traffic headings are not entirely comparable to the statistics published for 1963.

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 1963.

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 total truck population figure which remains constant for all four quarterly surveys is determined. This constant population is the peak figure of the previous year's quarterly sample population estimates. Fortunately an exact count of for hire licensed vehicles is available each quarter so it is necessary to estimate only the private truck population. This is done by multiplying the sample size 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. The gross vehicle weight group distribution of the for hire constant truck population is the actual distribution recorded for that population. It is only necessary to multiply the sample of

private trucks 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 private truck 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 private truck population.

The private truck population then has to be distributed by function. This is done by using the average distribution obtained from the previous year's completed questionnaires. Prior to 1959 the distribution by function was determined from completed questionnaires 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. For private intercity, private urban and most farm vehicles this can only be done from completed questionnaires as they do not have distinctive licence categories. For hire vehicles can be

identified immediately by their "E", "G", "H" and "J" licences while some farm vehicles obtain an "F" licence.

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 British Columbia during the year rose 4.4 per cent to 108,300 from 103,700 in 1963. Of these 7,800 or 7.2 per cent were for hire trucks; 34,401 or 31.7 per cent were private intercity vehicles; 52,614 or 48.6 per cent were private vehicles operating wholly within urban areas; and 13,485 or 12.5 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 instances an insufficient number of vehicles were chosen in these categories to produce reliable statistics. However, 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 British Columbia registered trucks.

Although comprising only 7.2 per cent of British Columbia's truck population for hire vehicles accounted for 81 per cent of the total net ton miles (excluding the urban portion) and 63.8 per cent of the total tons of goods (excluding urban) carried during 1964. This results from the high average yearly mileage of these trucks, 25,800 miles as compared with 7,300 miles for all trucks, and from the heavy average load carried of 16.1 tons compared to 10.8 tons for all trucks. Since more than three quarters 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 5.6 compared with 9.5 for all trucks.

Some trucks in British Columbia under 10,000 lb. gross vehicle weight are used essentially for personal transportation. Such vehicles accounted for about 20 per cent of the total mileage travelled by British Columbia registered trucks.

Section II: Traffic Within the Province

This section presents estimates of traffic performed by British Columbia 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 60 per cent and private intercity 70 per cent of their total net ton miles inside British Columbia.

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 over one half of the total net ton miles performed and over one third of the revenue earned by these vehicles. Over three quarters of the total tons of goods carried in this type of traffic by British Columbia registered for hire trucks was transported to or from Alberta or the United States.

Appendix

The appendix contains a summary of the estimated truck population in 1964 by gross vehicle weight group.

January 26, 1966.

SECTION I. TRAFFIC PERFORMED BY BRITISH COLUMBIA REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE
JANUARY 1 - DECEMBER 31, 1964

TABLE 1. Total Operations (Intercity, Rural and Urban) of All Trucks

	For hire	Private			Total
		Intercity	Urban	Farm	
Mileage:					
Total mileage travelled '000	201,592	272,900	252,150	61,643	788,285
Average yearly mileage per truck	25,800	7,900	4,800	4,600	7,300
Revenue per mile (total mileage travelled) ¢	49.0	—	—	—	—
Fuel:					
Total gallons of gasoline consumed '000	17,429	22,074	24,133	5,466	69,102
Miles per gallon of gasoline	5.6	11.3	10.4	11.3	9.5
Total gallons of diesel oil consumed '000	20,314	4,041	191	—	24,546
Miles per gallon of diesel oil	5.1	4.9	4.4	—	5.1
Total gallons of other fuel consumed '000	92	343	90	—	525
Miles per gallon of other fuel	2.2	10.9	4.5	—	8.3
Estimated annual population	7,800	34,401	52,614	13,485	108,300

TABLE 1 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm Trucks

	For hire	Private		Total
		Intercity	Farm	
Mileage:				
Total mileage travelled '000	201,592	272,900	61,643	536,135
Percentage of total mileage travelled empty	40.6	69.4	71.1	58.7
Weight of goods carried:				
Total tons of goods carried '000	16,415	8,061	1,243	25,719
Average weight carried ¹ ton	16.1	5.2	1.0	10.6
Average distance each ton was carried	117.6	54.0	14.9	92.7
Net ton miles:				
Total net ton miles performed '000	1,930,663	435,058	18,532	2,384,453
Average net ton miles per truck	247,500	12,600	1,400	42,800
Capacity ton miles:				
Total capacity ton miles ² '000	2,979,172	1,050,120	98,757	4,128,049
Average capacity ton miles per truck	381,900	30,500	7,300	74,100
Percentage of capacity utilized	64.8	41.4	16.8	57.8
Gross ton miles:				
Total gross ton miles ³ '000	4,093,582	1,325,309	149,044	5,567,935
Average gross ton miles per truck	524,800	38,500	11,100	100,000
Revenue:				
Total revenue \$'000	98,773	—	—	—
Revenue per ton mile ¢	5.1	—	—	—
Average revenue per truck \$	12,700	—	—	—
Estimated annual population	7,800	34,401	13,485	55,686

See footnotes at end of Table 6 A, page 11.

Note: Table 1 A excludes the operations of vehicles in the urban category and the urban operations of for hire and private intercity vehicles (except mileage).

For further explanation of the difference between Table 1 and Table 1 A see page 5, paragraph 6 of text.

**TABLE 2. Total Operations (Intercity, Rural and Urban) of 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	182,767	283,467	24,758	26,413	60,052	210,828	788,285
Average yearly mileage per truck	4,900	5,900	6,300	5,400	8,700	29,300	7,300
Fuel:							
Total gallons of gasoline consumed '000	12,952	22,372	2,789	3,375	9,403	18,211	69,102
Miles per gallon of gasoline.....	14.0	12.6	8.8	7.8	6.3	4.7	9.5
Total gallons of diesel oil consumed '000	—	—	—	—	—	24,546	24,546
Miles per gallon of diesel oil.....	—	—	—	—	—	5.1	5.1
Total gallons of other fuel consumed '000	64	198	22	32	100	109	525
Miles per gallon of other fuel.....	17.6	9.6	11.7	7.8	5.6	2.5	8.3
Estimated annual population	37,419	47,992	3,929	4,890	6,883	7,187	108,300

**TABLE 2 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm 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	106,584	156,601	15,988	15,370	42,462	199,130	536,135
Percentage of total mileage travelled empty	70.6	82.4	68.6	71.0	54.2	33.0	58.7
Weight of goods carried:							
Total tons of goods carried '000	225	457	300	698	3,234	20,805	25,719
Average weight carried ¹ ton	0.8	0.5	1.4	2.9	5.0	16.7	10.8
Average distance each ton was carried	110.5	27.3	23.4	18.6	30.2	107.2	92.7
Net ton miles:							
Total net ton miles performed '000	24,873	12,481	7,016	12,988	97,507	2,229,588	2,384,453
Average net ton miles per truck.....	1,400	500	3,500	5,700	24,900	381,500	42,800
Capacity ton miles:							
Total capacity ton miles ² '000	91,020	167,031	30,586	53,678	252,490	3,533,244	4,128,049
Average capacity ton miles per truck	5,300	6,800	15,400	23,500	64,400	604,600	74,100
Percentage of capacity utilized.....	27.3	7.5	22.9	24.2	38.6	63.1	57.8
Gross ton miles:							
Total gross ton miles ³ '000	178,237	285,649	40,797	54,917	252,858	4,755,477	5,567,935
Average gross ton miles per truck	10,300	11,700	20,600	24,000	64,500	813,700	100,000
Estimated annual population	17,240	24,415	1,981	2,286	3,920	5,844	55,686

See footnotes at end of Table 6 A, page 11.

Note: Table 2 A excludes the operations of vehicles in the urban category and the urban operations of for hire and private intercity vehicles (except mileage).

For further explanation of the difference between Table 2 and Table 2 A see page 5, paragraph 6 of text.

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	43	454	850	1.9	20.2	602	70.9
20,001-30,000 lb.	1,895	8,859	46,337	5.2	24.4	9,152	19.8
30,001-50,000 "	3,999	11,235	109,481	9.7	27.4	10,561	9.6
50,001 lb. and over	10,478	99,195	1,774,195	17.9	169.3	78,458	4.4
Totals	16,415	119,743	1,930,863	16.1	117.6	98,773	5.1
	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	265	46,076	32,156	0.7	121.5		
10,001-20,000 lb.	310	4,863	10,641	2.2	34.3		
20,001-30,000 "	1,172	9,745	46,980	4.8	40.1		
30,001 lb. and over	6,314	22,914	345,279	15.1	54.7		
Totals	8,061	83,598	435,058	5.2	54.0		

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	89	1,456	11,344	7.6	126.9	1,609	14.2
Food, feed, beverages and tobacco	1,365	24,035	385,506	16.0	282.5	13,894	3.6
Crude materials, inedible	7,146	10,651	188,428	17.7	26.4	10,038	5.3
Fabricated materials, inedible	5,914	24,573	447,253	18.2	75.6	24,576	5.5
End products, inedible	488	14,188	177,095	12.5	363.1	12,275	6.9
General freight	1,413	44,840	721,237	16.1	510.5	36,381	5.0
Totals	16,415	119,743	1,930,863	16.1	117.6	98,773	5.1
	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	2	42	148	3.5	80.0		
Food, feed, beverages and tobacco	1,153	27,311	71,636	2.6	82.1		
Crude materials, inedible	4,167	10,172	126,879	12.5	30.3		
Fabricated materials, inedible	2,134	16,342	135,557	8.3	63.5		
End products, inedible	360	23,440	47,016	2.0	130.6		
General freight	225	6,291	53,820	8.6	239.3		
Totals	8,061	83,598	435,058	5.2	54.0		

**SECTION II. TRAFFIC PERFORMED BY BRITISH COLUMBIA REGISTERED TRUCKS WITHIN THE PROVINCE
JANUARY 1 - DECEMBER 31, 1964**

TABLE 5. Total Operations (Intercity, Rural and Urban) of All Trucks

	For hire	Private			Total
		Intercity	Urban	Farm	
Mileage:					
Total mileage travelled '000	151,889	250,121	252,150	61,643	715,803
Average yearly mileage per truck.....	19,500	7,300	4,800	4,600	6,600
Revenue per mile (total mileage travelled)..... \$	47.6	—	—	—	—
Fuel:					
Total gallons of gasoline consumed '000	15,641	20,626	24,133	5,466	65,866
Miles per gallon of gasoline	5.5	11.3	10.4	11.3	9.6
Total gallons of diesel oil consumed '000	12,633	2,752	191	—	15,576
Miles per gallon of diesel oil	5.2	4.7	4.4	—	5.1
Total gallons of other fuel consumed '000	—	308	90	—	398
Miles per gallon of other fuel	—	11.6	4.5	—	10.0
Estimated annual population.....	7,800	34,401	52,614	13,485	108,300

TABLE 5 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm Trucks

	For hire	Private		Total
		Intercity	Farm	
Mileage:				
Total mileage travelled '000	151,889	250,121	61,643	463,643
Percentage of total mileage travelled empty	51.2	73.8	71.1	66.0
Weight of goods carried:				
Total tons of goods carried..... '000	16,146	7,769	1,243	25,158
Average weight carried ¹ ton	15.5	4.6	1.0	9.3
Average distance each ton was carried.....	71.2	39.0	14.9	58.5
Net ton miles:				
Total net ton miles performed..... '000	1,149,303	302,814	18,532	1,470,649
Average net ton miles per truck	147,300	8,800	1,400	26,400
Capacity ton miles:				
Total capacity ton miles ² '000	2,025,598	835,125	98,757	2,959,480
Average capacity ton miles per truck	259,700	24,300	7,300	53,100
Percentage of capacity utilized	56.7	36.3	18.8	49.7
Gross ton miles:				
Total gross ton miles ³ '000	2,515,243	1,045,972	149,044	3,710,259
Average gross ton miles per truck	322,500	30,400	11,100	66,600
Revenue:				
Total revenue \$'000	72,313	—	—	—
Revenue per ton mile \$	6.3	—	—	—
Average revenue per truck..... \$	9,300	—	—	—
Estimated annual population.....	7,800	34,401	13,485	55,686

See footnotes at end of Table 6 A, page 11.

Note: Table 5 A excludes the operations of vehicles in the urban category and the urban operations of for hire and private intercity vehicles (except mileage).

For further explanation of the difference between Table 5 and Table 5 A see page 5, paragraph 6 of text.

**TABLE 6. Total Operations (Intercity, Rural and Urban) of 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	172,567	281,986	24,704	25,501	58,081	152,964	715,803
Average yearly mileage per truck	4,600	5,900	6,300	5,200	8,400	21,300	6,600
Fuel:							
Total gallons of gasoline consumed '000	12,370	22,264	2,789	3,294	9,053	16,096	65,866
Miles per gallon of gasoline	13.9	12.6	8.8	7.7	6.4	4.6	9.6
Total gallons of diesel oil consumed '000	—	—	—	—	—	15,576	15,576
Miles per gallon of diesel oil	—	—	—	—	—	5.1	5.1
Total gallons of other fuel consumed '000	64	198	22	32	65	17	398
Miles per gallon of other fuel	17.6	9.6	11.7	7.8	5.8	4.0	10.0
Estimated annual population	37,419	47,992	3,929	4,890	6,883	7,187	108,300

**TABLE 6 A. Intercity and Rural Operations Only of For Hire, Private Intercity and Farm 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	96,384	155,119	15,935	14,458	40,491	141,266	463,653
Percentage of total mileage travelled empty	77.7	82.2	68.5	72.4	55.5	42.4	66.0
Weight of goods carried:							
Total tons of goods carried '000	195	457	300	695	3,208	20,303	25,158
Average weight carried ¹ ton	0.3	0.5	1.4	3.1	5.0	16.5	9.3
Average distance each ton was carried	35.3	27.3	23.4	17.8	28.1	66.1	58.5
Net ton miles:							
Total net ton miles performed '000	6,892	12,481	7,016	12,392	90,195	1,341,673	1,470,649
Average net ton miles per truck	400	500	3,500	5,400	23,000	229,600	26,400
Capacity ton miles:							
Total capacity ton miles ² '000	70,563	165,702	30,368	48,511	235,980	2,408,356	2,959,480
Average capacity ton miles per truck	4,100	6,800	15,300	21,200	60,200	412,100	53,100
Percentage of capacity utilized	9.8	7.5	23.1	25.5	38.2	55.7	49.7
Gross ton miles:							
Total gross ton miles ³ '000	143,404	283,098	40,599	50,416	235,888	2,956,854	3,710,259
Average gross ton miles per truck	8,300	11,600	20,500	22,100	60,200	506,000	66,600
Estimated annual population	17,240	24,415	1,981	2,286	3,920	5,844	55,686

¹ Net 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 performed are determined by adding to the total ton miles performed the weight of the vehicle empty (tare) multiplied by total miles travelled.**Note:** Table 6 A excludes the operations of vehicles in the urban category and the urban operations of for hire and private intercity vehicles (except mileage).

For further explanation of the difference between Table 6 and Table 6 A see page 5, paragraph 6 of text.

SECTION III. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY BRITISH COLUMBIA REGISTERED TRUCKS
JANUARY 1-DECEMBER 31, 1964

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

Origin and destination	For hire			Private intercity			Total		
	Into British Columbia	Out of British Columbia	Total	Into British Columbia	Out of British Columbia	Total	Into British Columbia	Out of British Columbia	Total
	'000 tons								
Newfoundland	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—
Quebec	11	17	28	—	—	—	11	17	28
Ontario	75	107	182	—	—	—	75	107	182
Manitoba	14	17	31	—	—	—	14	17	31
Saskatchewan	7	7	14	3	4	7	10	11	21
Alberta	309	274	583	86	67	153	395	341	736
Yukon and Northwest Territories	—	21	21	21	86	107	21	107	128
United States	87	185	272	22	30	52	109	215	324
Totals	503	628	1,131	132	187	319	635	815	1,450

TABLE 8. 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	—	—	—	—	—	—	—
Food, feed, beverages and tobacco	171	11,388	199,983	17.6	1,170.4	4,244	2.1
Crude materials, inedible	103	2,123	27,166	12.8	263.8	838	3.1
Fabricated materials, inedible	292	5,599	104,348	18.6	356.5	3,448	3.3
End products, inedible	75	8,183	115,388	14.1	1,545.1	7,381	6.4
General freight	490	30,537	543,172	17.8	1,108.5	20,151	3.7
Totals	1,131	57,830	990,057	17.1	875.2	36,062	3.6
	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	—	—	—	—	—		—
Food, feed, beverages and tobacco	37	1,378	9,963	7.2	269.3		269.3
Crude materials, inedible	82	3,800	29,063	7.6	354.1		354.1
Fabricated materials, inedible	134	1,883	28,242	15.0	209.9		209.9
End products, inedible	24	1,876	11,430	6.1	482.4		482.4
General freight	42	1,462	23,738	16.2	511.7		511.7
Totals	319	10,399	102,438	9.9	321.3		321.3

APPENDIX
Estimated British Columbia Truck Population

Type of operation	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	125	691	486	610	1,747	4,141	7,800
Private:							
Intercity	12,678	16,758	610	989	1,687	1,679	34,401
Urban	20,179	23,577	1,948	2,604	2,963	1,343	52,614
Farm	4,437	6,966	885	687	486	24	13,485
Totals	37,419	47,992	3,929	4,890	6,883	7,187	108,300

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010529369