

88.3

C16

CATALOGUE No.

D 53-212

957 ANNUAL

Saskatchewan

C. 3



MOTOR TRANSPORT TRAFFIC STATISTICS

PROVINCE OF SASKATCHEWAN

1957

Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

Canada **DOMINION BUREAU OF STATISTICS**
Public Finance and Transportation Division
Transportation and Public Utilities Section

8504-557-127

Price 25 cents

388.3

C16

^A
1951 (Saskatchewan)

(November 14, 1958)

TABLE OF CONTENTS

	Page
Chart 1. Truck Registrations by Type of Operation	4
2. Net Ton Miles by Type of Operation	4
Introduction	5
Section I. Traffic Performed by Saskatchewan Registered Trucks Inside and Outside the Province, January 1 – December 31, 1957.	
Table 1. All Trucks By Type of Operation	7
Table 2. All Trucks By Gross Vehicle Weight Groups	7
Table 3. For Hire Trucks By Gross Vehicle Weight Groups	8
Table 4. Private Intercity Trucks By Gross Vehicle Weight Groups	8
Section II. Traffic Performed by Saskatchewan Registered Trucks Within the Province, January 1 – December 31, 1957.	
Table 1. All Trucks By Type of Operation	9
Table 2. All Trucks By Gross Vehicle Weight Groups	9
Table 3. For Hire Trucks By Gross Vehicle Weight Groups	10
Table 4. Private Intercity Trucks By Gross Vehicle Weight Groups	10
Table 5. Private Urban Trucks By Gross Vehicle Weight Groups	11
Table 6. Private Farm Trucks By Gross Vehicle Weight Groups	11
Table 7. Selected Statistics of Intercity Traffic By Gross Vehicle Weight Groups	12
Section III. Intraprovincial Traffic Performed by Saskatchewan Registered Trucks, January 1 – December 31, 1957.	
Table 1. Selected Statistics By Gross Vehicle Weight Groups	12
Table 2. Selected Statistics By Commodity Groups	13
Section IV. Interprovincial and International Traffic Performed by Saskatchewan Registered Trucks, January 1 – December 31, 1957.	
Table 1. Tons of Goods Carried	13
Table 2. Selected Statistics By Gross Vehicle Weight Groups	14
Table 3. Selected Statistics By Commodity Groups	14
Section V. Intercity Traffic Performed by Saskatchewan Registered Buses Inside and Outside the Province, January 1 – December 31, 1957.	
Table 1. By Passenger Seating Capacity	15
Section VI. Intercity Traffic Performed by Saskatchewan Registered Buses Within the Province January 1 – December 31, 1957.	
Table 1. By Passenger Seating Capacity	15
Appendix: Sampling Results	16

PROVINCE OF SASKATCHEWAN
JANUARY 1—DECEMBER 31, 1957

CHART - 1

TRUCK REGISTRATIONS BY TYPE OF OPERATION

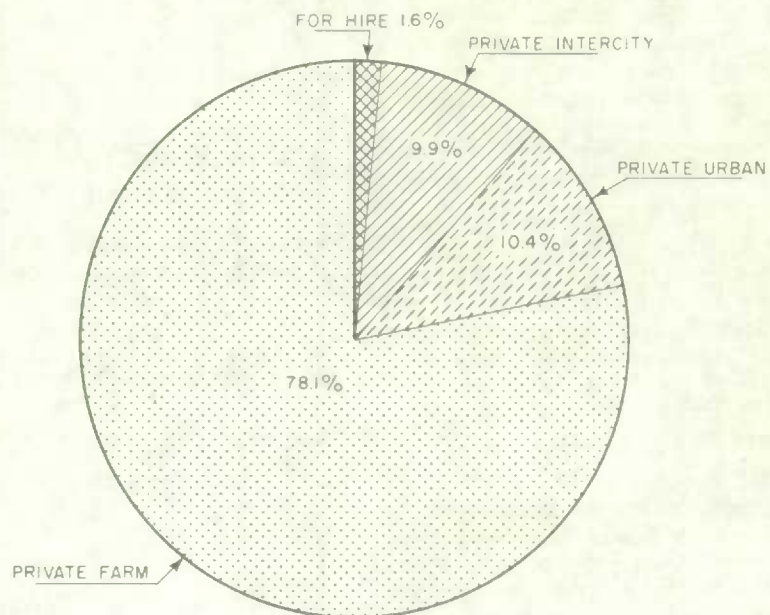
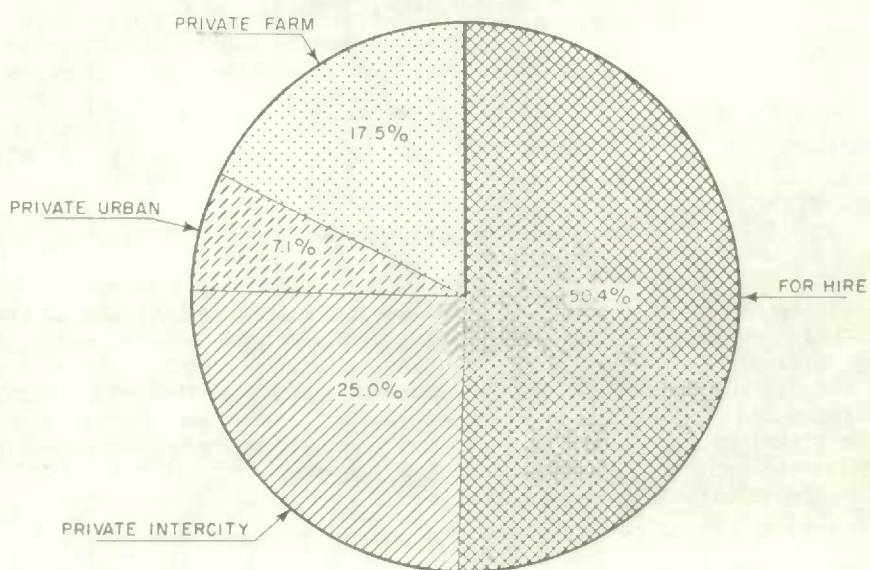


CHART - 2

NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

Methods Followed in Survey

A sample of approximately 8 per cent of trucks and 25 per cent of intercity buses registered in Saskatchewan was selected for this annual survey. To allow for seasonal variations in motor transport traffic and to ensure that the sample vehicles represented current registrations in force, the survey was conducted in four quarterly segments with approximately one-fourth of total truck and bus registrations sampled each quarter. Vehicles selected were coded so that a particular vehicle would not be chosen more than once during each licence year. Each quarterly segment of the survey ran for a seven day period, Sunday through Saturday.

All trucks and buses registered in the province are represented with the following exceptions: (a) those not engaged in transportation services; (b) buses utilized for scheduled urban transit or school service; and, (c) 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 were stratified by function or type of operation and by gross vehicle weight groups. The four functional categories used were: for-hire, private intercity, private urban and private farm. For-hire trucks are those operated for compensation or gain anywhere in the province 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 which are operated predominantly within urban or metropolitan areas; and private farm trucks are those operated by farmers primarily to transport farm produce and supplies.

In Saskatchewan, trucks operated provincially for compensation are classed as "Public Service

Vehicles". Public service vehicles used for transporting general merchandise over a given route or for certified chartered operations are issued with an "A" licence, while those restricted to transporting specified commodities provincially are provided with an "E" licence. Vehicles owned and operated by farmers and used for their own farm operations are classified as farm vehicles and issued with an "F" licence. All other trucks are classified as commercial vehicles and are issued with a "C" licence if used within a radius of 35 miles of the owner's headquarters or a "D" licence if operated provincially.

For the purposes of the survey, trucks in the above licence classes were grouped as follows:

- For-hire — "A" and "E" licences
- Private-intercity — "C" or "D" licensed vehicles operating predominantly outside urban areas.
- Private-urban — "C" or "D" licensed vehicles operating predominantly within urban areas.
- Private-farm — "F" licence.

It is known that some "C" and "D" licensed trucks are operated for compensation but these vehicles were not included in the for-hire category. The number of such vehicles was not known and a reliable estimate could not be made on the basis of replies to the survey questionnaire. As a result, the data shown throughout this report as "For-hire" is understated and that for "Private intercity" and "Private urban" is overstated by the extent of those for-hire vehicles with "C" or "D" licences.

Expansion of Survey Results

The distribution of sample vehicles by gross vehicle weight groups and by function was used to provide population estimates as at the time of the sample selection. The sample results were then expanded to represent the operations of all trucks and intercity buses registered in the province during the three month period 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 surveys were added together to obtain provincial estimates for the twelve month period. Yearly operating averages such as average yearly mileage were calculated from the average number of vehicles registered during the twelve month period. All other operating ratios were obtained from the twelve month aggregates.

Response to Survey

During the year survey questionnaires were sent to the owners or operators of 12,204 motor vehicles. Of this number 4,811 were returned completed and 5,048 vehicles were reported not used

during the survey week. In addition, 1,171 questionnaires were returned with insufficient information and were therefore unusable. Non response to the survey totalled 1,174 or 9.6 per cent.

Review of Survey Results

Excluding vehicles that do not perform transportation services, the average number of trucks registered in Saskatchewan during the year was 98,523. Of these 1,618 or 1.6 per cent were common or for-hire carriers; 9,755 or 9.9 per cent were private intercity vehicles; 10,202 or 10.4 per cent were private trucks operating predominantly within urban areas; and 76,948 or 78.1 per cent were private farm trucks.

In the tables presented, blanks appear in a number of places where no vehicles for these particular weight classifications were chosen in any of the quarterly sample selections. It does not necessarily follow that there are no vehicles in the province belonging to these weight classifications.

Section 1: Traffic Inside and Outside of the Province

Section 1 contains estimates of total traffic performed by all Saskatchewan registered trucks both inside and outside the province.

From the statistics presented herein it may be observed that although for-hire vehicles were only 1.6 per cent of all trucks registered in Saskatchewan, they accounted for over fifty per cent of the total net ton miles performed during 1957. This results not only from the comparatively high average yearly mileage of for-hire trucks operating inside and outside of Saskatchewan (37,600 as opposed to an average of 4,500 miles for all trucks) but also from the heavier average load carried (8.4 tons as compared with an average of 3.5 tons for all trucks). The heavier loads carried by for-hire trucks is to be expected since, as revealed in the appendix, about two-thirds of these vehicles have a gross vehicle weight of over 15 tons whereas less than one per cent of all other classes combined are in this upper weight group. The predominance of heavier vehicles in the for-hire class also explains the low miles per gallon ratio of 6.2 as compared with a ratio of 10.3 for all vehicles.

Although farm licensed vehicles in Saskatchewan comprise 78.1 per cent of the total trucking population, they perform less than half of the total mileage travelled by all Saskatchewan registered trucks, with each truck averaging only 2,800 miles per year.

Section 2: Traffic Within the Province

This section presents estimates of traffic performed by Saskatchewan registered trucks entirely inside the province excluding the "outside the province" portion of interprovincial and international traffic as well as a small amount of traffic performed entirely outside the province. There is little significant difference between the data presented in Section 1 and Section 2 for private intercity vehicles. However, it is apparent that for-hire vehicles accumulated nearly one-third of their total ton miles outside of Saskatchewan.

Section 3: Intraprovincial Traffic

This section includes estimates of for-hire and private intercity operations originating and terminating entirely inside the boundaries of Saskatchewan.

Analysing the distribution of total net ton miles by commodity, it can be seen that for-hire trucks are engaged primarily in transporting manufactured products and general freight. Of the total net ton miles performed by private intercity trucks, manufactured products accounted for 53 per cent while mine products (mostly gravel and sand) amounted to about 30 per cent.

Section 4: Interprovincial and International Traffic

Statistics of traffic performed by for-hire and private intercity trucks between Saskatchewan and other provinces and the United States are included in this section. On the present basis of sampling motor transport traffic, comparatively few Saskatchewan registered trucks engaging in interprovincial and international traffic are included in these surveys and as a result reliable estimates of such traffic have not been obtained. Hence the data in this section of the report should be used with considerable caution.

These estimates indicate with some reasonableness, however, that well over half of the total tons of goods carried by Saskatchewan registered trucks in interprovincial and international traffic was with Manitoba; and, that over one-quarter of the total net ton miles performed and over one-fifth of revenue earned by for-hire vehicles was in interprovincial and international operations.

Sections 5 and 6: Intercity Bus Traffic

Section 5 presents statistics on intercity bus traffic both inside and outside the province while Section 6 covers traffic within the province only. In comparing these two sections it is evident that a considerable portion of Saskatchewan registered bus operations was conducted outside the boundaries of the province; for example, while Saskatchewan buses accumulated a total of 186,236,000 passenger miles, only 91,210,000, or less than half, can be accounted for within provincial boundaries. Similarly, although total revenue equalled 4,296,000 dollars, slightly less than half, or 1,944,000 dollars, were earned while the buses were travelling outside provincial boundaries. This anomaly occurs through the inclusion in the sample of a large percentage of buses which are licensed in other provinces as well as Saskatchewan. Hence although registered in Saskatchewan, a number of buses did operate entirely outside the province during the survey weeks.

**SECTION I. TRAFFIC PERFORMED BY SASKATCHEWAN REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE
JANUARY 1 - DECEMBER 31, 1957**

TABLE 1. All Trucks By Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	60,869	103,132	53,792	215,549	439,392
Average yearly mileage per truck		37,600	11,200	5,300	2,800	4,500
Average distance each ton was carried		153.0	21.4	7.0	12.2	25.4
Percentage of total mileage travelled empty		33.5	55.4	50.9	65.1	56.6
Fuel:						
Total gallons of gasoline consumed	'000	9,036	10,371	4,990	17,774	42,171
Miles per gallon of gasoline		6.2	10.4	10.8	12.1	10.3
Total gallons of diesel oil consumed	'000	741	143	—	—	884
Miles per gallon of diesel oil		6.5	5.3	—	—	6.3
Total gallons of other fuel consumed	'000	63	59	—	—	122
Miles per gallon of other fuel		4.9	5.0	—	—	5.4
Weight of goods carried:						
Total tons of goods carried	'000	2,221	7,870	6,776	9,342	26,509
Average weight carried ¹	ton	8.4	3.5	1.8	1.6	3.5
Net ton miles:						
Total net ton miles performed	'000	339,710	168,646	47,651	117,533	673,590
Average net ton miles per truck		210,000	17,300	4,700	1,500	6,800
Capacity ton miles:						
Total capacity ton miles ¹	'000	775,935	428,588	143,839	524,842	1,873,204
Average capacity ton miles per truck		479,600	43,900	14,100	6,800	19,000
Percentage of capacity utilized		43.8	39.3	33.1	22.4	36.0
Gross ton miles:						
Total gross ton miles ³	'000	751,488	507,357	185,637	704,859	2,149,341
Average gross ton miles per truck		464,500	52,000	18,200	9,200	21,800
Revenue:						
Total revenue	\$'000	24,034	—	—	—	24,034
Revenue per ton mile	¢	7.1	—	—	—	7.1
Revenue per mile (total mileage travelled)	¢	39.5	—	—	—	39.5
Average yearly revenue per truck	\$	14,900	—	—	—	14,900

TABLE 2. All Trucks By Gross Vehicle Weight Groups

		0-2½ tons 0-5,000 lbs.	2½-5 tons 5,001-10,000 lbs.	5-7½ tons 10,001-15,000 lbs.	7½-10 tons 15,001-20,000 lbs.	10-15 tons 20,001-30,000 lbs.	Over 15 tons 30,001 lbs. and over	Total
Mileage:								
Total mileage travelled	'000	126,463	141,811	32,239	34,333	45,581	58,965	439,392
Average yearly mileage per truck		5,300	3,500	2,900	2,600	5,800	31,900	4,500
Average distance each ton was carried		17.4	11.3	12.0	13.8	15.0	71.6	25.4
Percentage of total mileage travelled empty ..		57.8	63.9	53.7	44.2	43.0	34.2	56.6
Fuel:								
Total gallons of gasoline consumed	'000	8,474	10,978	2,921	4,122	6,208	9,468	42,171
Miles per gallon of gasoline		14.9	12.9	11.0	8.3	7.3	5.6	10.3
Total gallons of diesel oil consumed	'000	—	—	—	—	—	884	884
Miles per gallon of diesel oil		—	—	—	—	—	6.3	6.3
Total gallons of other fuel consumed	'000	—	—	—	—	59	63	122
Miles per gallon of other fuel		—	—	—	—	6.0	4.9	5.4
Weight of goods carried:								
Total tons of goods carried	'000	1,068	4,291	2,136	4,383	9,312	5,316	26,509
Average weight carried ¹	ton	0.5	0.9	1.7	3.2	5.4	9.8	3.5
Net ton miles:								
Total net ton miles performed	'000	18,618	48,402	25,605	60,560	139,632	380,773	673,590
Average net ton miles per truck		800	1,200	2,300	4,500	17,900	206,000	6,800
Capacity ton miles:								
Total capacity ton miles ³	'000	112,862	266,943	99,690	187,308	356,869	849,532	1,873,204
Average capacity ton miles per truck		4,700	6,600	8,900	13,900	45,300	459,700	19,000
Percentage of capacity utilized		16.5	18.1	25.7	32.3	39.1	44.8	36.0
Gross ton miles:								
Total gross ton miles ³	'000	229,865	415,865	132,334	200,079	357,107	814,091	2,149,341
Average gross ton miles per truck		9,700	10,300	11,800	14,900	45,700	440,500	21,800

See footnotes page 11.

TABLE 3. For Hire Trucks by Gross Vehicle Weight Groups

		0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:								
Total mileage travelled	'000	—	1,668	418	2,708	8,748	47,327	60,869
Average yearly mileage per truck		—	20,300	11,900	20,100	26,700	45,600	37,600
Average distance each ton was carried		—	53.4	6.1	59.1	47.7	201.7	153.0
Percentage of total mileage travelled empty		—	39.4	65.5	30.8	38.3	32.3	33.5
Fuel:								
Total gallons of gasoline consumed	'000	—	161	47	311	1,070	7,447	9,036
Miles per gallon of gasoline		—	10.4	8.9	8.7	8.2	5.7	6.2
Total gallons of diesel oil consumed	'000	—	—	—	—	—	741	741
Miles per gallon of diesel oil		—	—	—	—	—	6.5	6.5
Total gallons of other fuel consumed	'000	—	—	—	—	—	63	63
Miles per gallon of other fuel		—	—	—	—	—	4.9	4.9
Weight of goods carried:								
Total tons of goods carried	'000	—	15	35	109	543	1,519	2,221
Average weight carried ¹	ton	—	0.3	1.5	3.4	4.8	9.6	8.4
Net ton miles:								
Total net ton miles performed	'000	—	801	212	6,438	25,915	306,344	339,710
Average net ton miles per truck		—	9,800	6,100	47,700	79,000	295,100	210,000
Capacity ton miles:								
Total capacity ton miles ²	'000	—	2,700	1,465	17,043	68,224	686,503	775,935
Average capacity ton miles per truck		—	32,900	41,900	126,200	208,000	661,400	479,600
Percentage of capacity utilized		—	29.7	14.5	37.8	38.0	44.6	43.8
Gross ton miles:								
Total gross ton miles ³	'000	—	4,816	1,629	17,645	66,632	660,766	751,488
Average gross ton miles per truck		—	58,700	46,500	130,700	203,100	636,600	464,500
Revenue:								
Total revenue	\$'000	—	105	42	1,003	2,405	20,479	24,034
Revenue per ton mile	¢	—	13.1	19.8	15.6	9.3	6.7	7.1
Revenue per mile (total mileage travelled)	¢	—	6.3	10.0	37.0	27.5	43.3	39.5
Average yearly revenue per truck	\$	—	1,300	1,200	7,400	7,300	19,700	14,900

TABLE 4. Private Intercity Trucks by Gross Vehicle Weight Groups

		0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:								
Total mileage travelled	'000	50,420	15,599	4,779	7,572	21,740	9,072	109,182
Average yearly mileage per truck		10,400	10,000	12,700	9,400	13,100	18,500	11,200
Average distance each ton was carried		23.5	24.0	42.4	29.0	14.7	36.9	21.4
Percentage of total mileage travelled empty		68.8	52.7	39.3	35.2	42.7	41.7	55.4
Fuel:								
Total gallons of gasoline consumed	'000	3,210	1,281	470	934	2,994	1,482	10,371
Miles per gallon of gasoline		15.7	12.2	10.2	8.1	7.1	5.6	10.4
Total gallons of diesel oil consumed	'000	—	—	—	—	—	143	143
Miles per gallon of diesel oil		—	—	—	—	—	5.3	5.3
Total gallons of other fuel consumed	'000	—	—	—	—	59	—	59
Miles per gallon of other fuel		—	—	—	—	6.0	—	6.0
Weight of goods carried:								
Total tons of goods carried	'000	380	246	157	455	4,995	1,637	7,870
Average weight carried ¹	ton	0.6	0.8	2.3	2.7	5.9	11.4	3.5
Net ton miles:								
Total net ton miles performed	'000	8,936	5,908	6,661	13,195	73,613	60,333	168,646
Average net ton miles per truck		1,800	3,800	17,800	16,400	44,300	122,900	17,300
Capacity ton miles:								
Total capacity ton miles ²	'000	44,932	25,008	15,920	38,509	175,524	128,695	428,588
Average capacity ton miles per truck		9,200	16,100	42,500	47,700	105,500	262,100	43,900
Percentage of capacity utilized		19.9	23.6	41.8	34.3	41.9	46.9	39.3
Gross ton miles:								
Total gross ton miles ³	'000	93,859	45,276	22,731	43,963	179,298	122,230	507,357
Average gross ton miles per truck		19,300	29,100	60,600	54,500	107,800	248,900	52,000

See footnotes page 11.

**SECTION II. TRAFFIC PERFORMED BY SASKATCHEWAN REGISTERED TRUCKS WITHIN THE PROVINCE,
JANUARY 1 - DECEMBER 31, 1957**

TABLE 1. All Trucks By Type of Operation

		For hire	Private			Total
			Intercity	Urban	Farm	
Mileage:						
Total mileage travelled	'000	45,163	102,026	53,792	215,549	416,530
Average yearly mileage per truck		27,900	10,500	5,300	2,800	4,200
Average distance each ton was carried		112.1	19.1	7.0	12.2	20.8
Percentage of total mileage travelled empty		37.9	55.6	50.9	65.1	58.0
Fuel:						
Total gallons of gasoline consumed	'000	6,584	9,645	4,990	17,774	38,993
Miles per gallon of gasoline		6.4	10.5	10.8	12.1	10.6
Total gallons of diesel oil consumed	'000	415	63	—	—	477
Miles per gallon of diesel oil		6.4	4.9	—	—	6.2
Total gallons of other fuel consumed	'000	40	32	—	—	72
Miles per gallon of other fuel		4.9	6.2	—	—	5.5
Weight of goods carried:						
Total tons of goods carried	'000	2,077	7,727	6,776	9,642	26,222
Average weight carried ¹	ton	8.3	3.3	1.8	1.6	3.1
Net ton miles:						
Total net ton miles performed	'000	232,859	147,717	47,651	117,533	545,810
Average net ton miles per truck		143,900	15,100	4,700	1,500	5,500
Capacity ton miles:						
Total capacity ton miles ²	'000	560,880	389,642	143,839	524,842	1,619,203
Average capacity ton miles per truck		346,700	39,900	14,100	6,800	16,400
Percentage of capacity utilized		41.5	37.9	33.1	22.4	33.7
Gross ton miles:						
Total gross ton miles ³	'000	530,997	460,493	185,637	704,859	1,881,986
Average gross ton miles per truck		328,200	47,200	18,200	9,200	19,100
Revenue:						
Total revenue	\$'000	16,295	—	—	—	—
Revenue per ton mile	¢	7.0	—	—	—	—
Revenue per mile (total mileage travelled)	¢	36.1	—	—	—	—
Average yearly revenue per truck	\$	10,100	—	—	—	—

TABLE 2. All Trucks By Gross Vehicle Weight Groups

	0-2½ tons 0-5,000 lbs.	2½-5 tons 5,001-10,000 lbs.	5-7½ tons 10,001-15,000 lbs.	7½-10 tons 15,001-20,000 lbs.	10-15 tons 20,001-30,000 lbs.	Over 15 tons 30,001 lbs. and over	Total
Mileage:							
Total mileage travelled	'000	123,903	140,342	31,750	34,199	44,174	416,530
Average yearly mileage per truck		5,200	3,500	2,800	2,500	5,700	4,200
Average distance each ton was carried		17.4	11.2	11.9	13.8	14.6	20.8
Percentage of total mileage travelled empty ..		67.3	64.1	53.9	44.2	43.3	58.0
Fuel:							
Total gallons of gasoline consumed	'000	8,309	10,862	2,866	4,104	6,029	38,993
Miles per gallon of gasoline		14.9	12.9	11.1	8.3	7.3	10.6
Total gallons of diesel oil consumed	'000	—	—	—	—	—	477
Miles per gallon of diesel oil		—	—	—	—	—	6.2
Total gallons of other fuel consumed	'000	—	—	—	—	32	72
Miles per gallon of other fuel		—	—	—	—	6.2	5.5
Weight of goods carried:							
Total tons of goods carried	'000	1,065	4,290	2,135	4,385	9,296	26,222
Average weight carried ¹	ton	0.5	1.0	1.7	3.2	5.9	3.1
Net ton miles:							
Total net ton miles performed	'000	18,507	48,146	25,413	60,402	135,753	545,810
Average net ton miles per truck		800	1,200	2,300	4,500	17,400	5,500
Capacity ton miles:							
Total capacity ton miles ²	'000	110,769	264,952	98,288	186,835	347,111	1,619,203
Average capacity ton miles per truck		4,700	6,600	8,900	13,900	44,400	16,400
Percentage of capacity utilized		16.7	18.2	25.9	32.3	39.1	33.7
Gross ton miles:							
Total gross ton miles ³	'000	225,428	411,726	130,689	199,593	346,743	1,881,986
Average gross ton miles per truck		9,500	10,200	11,600	14,800	44,400	19,100

See footnotes page 11.

TABLE 3. For Hire Trucks by Gross Vehicle Weight Groups

		0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:								
Total mileage travelled	'000	—	1,668	418	2,574	8,130	32,373	45,163
Average yearly mileage per truck		—	20,300	11,900	19,100	24,800	31,200	27,900
Average distance each ton was carried		—	53.4	6.1	57.6	43.9	146.6	112.1
Percentage of total mileage travelled empty		—	39.4	65.5	30.5	38.4	37.9	37.9
Fuel:								
Total gallons of gasoline consumed	'000	—	161	47	295	979	5,102	6,584
Miles per gallon of gasoline		—	10.4	8.9	8.7	8.3	5.8	6.4
Total gallons of diesel oil consumed	'000	—	—	—	—	—	415	415
Miles per gallon of diesel oil		—	—	—	—	—	6.4	6.4
Total gallons of other fuel consumed	'000	—	—	—	—	—	40	40
Miles per gallon of other fuel		—	—	—	—	—	4.9	4.9
Weight of goods carried:								
Total tons of goods carried	'000	—	15	35	109	542	1,376	2,077
Average weight carried ^d	ton	—	0.8	1.5	3.5	4.8	10.0	8.3
Net ton miles:								
Total net ton miles performed	'000	—	801	212	6,280	23,796	201,770	232,859
Average net ton miles per truck		—	9,800	6,100	46,500	72,500	194,400	143,900
Capacity ton miles:								
Total capacity ton miles ²	'000	—	2,700	1,465	16,570	63,815	476,330	560,880
Average capacity ton miles per truck		—	32,900	41,900	122,700	194,600	458,900	346,700
Percentage of capacity utilized		—	29.7	14.5	37.9	37.3	42.4	41.5
Gross ton miles:								
Total gross ton miles ³	'000	—	4,816	1,629	17,159	61,641	445,752	530,997
Average gross ton miles per truck		—	58,700	46,500	127,100	187,900	429,400	328,200
Revenue:								
Total revenue	\$'000	—	105	42	978	2,279	12,891	16,295
Revenue per ton mile	\$	—	13.1	19.8	15.6	9.6	6.4	7.0
Revenue per mile (total mileage travelled)	\$	—	6.3	10.0	38.0	28.0	39.8	36.1
Average yearly revenue per truck	\$	—	1,300	1,200	7,200	6,900	12,400	10,100

TABLE 4. Private Intercity Trucks by Gross Vehicle Weight Groups

		0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:								
Total mileage travelled	'000	47,861	14,129	4,290	7,572	20,951	7,223	102,026
Average yearly mileage per truck		9,800	9,100	11,400	9,400	12,600	14,700	10,500
Average distance each ton was carried		23.4	23.1	41.5	29.0	14.4	27.5	19.1
Percentage of total mileage travelled empty		67.5	54.1	38.9	35.2	43.1	46.3	55.6
Fuel:								
Total gallons of gasoline consumed	'000	3,044	1,164	415	934	2,905	1,183	9,645
Miles per gallon of gasoline		15.7	12.1	10.3	8.1	7.1	5.6	10.5
Total gallons of diesel oil consumed	'000	—	—	—	—	—	63	63
Miles per gallon of diesel oil		—	—	—	—	—	4.9	4.9
Total gallons of other fuel consumed	'000	—	—	—	—	32	—	32
Miles per gallon of other fuel		—	—	—	—	6.2	—	6.2
Weight of goods carried:								
Total tons of goods carried	'000	377	245	156	455	4,979	1,515	7,727
Average weight carried ^d	ton	0.6	0.9	2.5	2.7	6.0	10.8	3.3
Net ton miles:								
Total net ton miles performed	'000	8,825	5,653	6,469	13,195	71,853	41,722	147,717
Average net ton miles per truck		1,800	3,600	17,300	18,400	43,200	85,000	15,100
Capacity ton miles:								
Total capacity ton miles ²	'000	42,840	23,016	14,519	38,509	170,175	100,583	389,642
Average capacity ton miles per truck		8,800	14,800	38,700	47,700	102,300	204,900	39,900
Percentage of capacity utilized		20.6	24.6	44.6	34.3	42.2	41.5	37.9
Gross ton miles:								
Total gross ton miles ³	'000	89,422	41,137	21,085	43,963	173,925	90,961	460,493
Average gross ton miles per truck		18,400	26,400	58,200	54,500	104,600	185,300	47,200

See footnotes page 11.

TABLE 5. Private Urban Trucks by Gross Vehicle Weight Groups

		0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:								
Total mileage travelled	'000	30,653	9,615	1,875	4,988	4,293	2,368	53,792
Average yearly mileage per truck		5,300	4,600	3,800	5,500	6,800	8,100	5,300
Average distance each ton was carried		14.1	6.3	5.6	7.2	7.4	6.1	7.0
Percentage of total mileage travelled empty		60.9	39.3	24.9	31.5	43.4	43.3	50.9
Fuel:								
Total gallons of gasoline consumed	'000	2,163	804	192	647	677	507	4,990
Miles per gallon of gasoline		14.2	12.0	9.7	7.7	6.3	4.7	10.8
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	325	968	388	1,189	1,774	2,152	6,776
Average weight carried ¹	ton	0.4	1.0	1.5	2.5	5.4	9.8	1.8
Net ton miles:								
Total net ton miles performed	'000	4,570	6,058	2,075	8,605	13,123	13,220	47,651
Average net ton miles per truck		800	2,900	4,200	9,500	20,900	45,000	4,700
Capacity ton miles:								
Total capacity ton miles ²	'000	27,919	19,131	6,293	25,931	32,869	31,696	143,839
Average capacity ton miles per truck		4,800	9,100	12,700	28,600	52,300	107,800	14,100
Percentage of capacity utilized		16.4	31.7	33.0	33.2	39.9	41.7	33.1
Gross ton miles:								
Total gross ton miles ³	'000	56,078	30,794	8,245	28,197	33,438	28,885	185,637
Average gross ton miles per truck		9,700	14,600	16,700	31,100	53,200	98,200	18,200

TABLE 6. Private Farm Trucks by Gross Vehicle Weight Groups

		0-2½ tons	2½-5 tons	5-7½ tons	7½-10 tons	10-15 tons	Over 15 tons	Total
Mileage:								
Total mileage travelled	'000	45,389	114,929	25,168	19,065	10,800	199	215,549
Average yearly mileage per truck		3,500	3,100	2,400	1,600	2,100	8,000	2,800
Average distance each ton was carried		14.1	11.6	10.6	12.3	13.5	109.6	12.2
Percentage of total mileage travelled empty		71.3	67.8	58.4	53.1	47.4	42.4	65.1
Fuel:								
Total gallons of gasoline consumed	'000	3,102	8,733	2,211	2,229	1,467	32	17,774
Miles per gallon of gasoline		14.6	13.2	11.4	8.6	7.4	6.2	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	363	3,062	1,576	2,632	2,001	8	9,642
Average weight carried ¹	ton	0.4	1.0	1.6	3.6	4.7	7.7	1.6
Net ton miles:								
Total net ton miles performed	'000	5,112	35,635	16,656	32,322	26,981	877	117,583
Average net ton miles per truck		400	1,000	1,600	2,800	5,200	35,100	1,500
Capacity ton miles:								
Total capacity ton miles ²	'000	40,010	220,105	76,011	105,825	80,253	2,638	524,842
Average capacity ton miles per truck		3,000	6,000	7,400	9,100	15,400	105,500	6,800
Percentage of capacity utilized		12.8	16.2	21.9	30.5	33.6	33.2	22.4
Gross ton miles:								
Total gross ton miles ³	'000	79,929	334,980	99,729	110,274	77,738	2,209	704,859
Average gross ton miles per truck		6,100	9,100	9,700	9,500	15,000	88,400	9,200

¹ Ton miles divided by miles travelled with load.² Capacity ton miles are determined by multiplying the actual total 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.

TABLE 7. Selected Statistics of Intercity Traffic By Gross Vehicle Weight Groups

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	¢
10,000 lbs. and under	15	1,011	901	0.8	53.4	105	13.1
10,001-20,000 lbs.	144	1,932	2,492	3.4	45.1	1,021	15.7
20,001-30,000 lbs.	542	5,005	23,796	4.3	43.9	2,278	9.6
30,001-50,000 lbs.	1,141	15,874	156,725	9.9	137.4	10,017	6.4
50,001 lbs. and over	235	4,228	45,045	10.7	191.7	2,874	6.4
Total	2,077	28,050	232,859	8.3	112.1	16,295	7.0
	Private intercity						
	Weight of goods carried	Total miles travelled with load	Total ton miles	Average weight carried	Average distance per ton		
	'000 tons	'000	'000	tons	miles		
10,000 lbs. and under	622	22,025	14,478	0.7	23.3		
10,001-20,000 lbs.	611	7,528	13,664	2.6	32.2		
20,001-30,000 lbs.	4,979	11,912	71,853	6.0	14.4		
30,001-50,000 lbs.	1,482	3,840	40,715	10.6	27.5		
50,001 lbs. and over	33	40	1,097	25.2	30.5		
Total	7,727	45,345	147,717	3.3	19.1		

SECTION III. INTRAPROVINCIAL TRAFFIC PERFORMED BY SASKATCHEWAN REGISTERED TRUCKS,
JANUARY 1-DECEMBER 31, 1957

TABLE 1. Selected Statistics By Gross Vehicle Weight Groups

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	¢
10,000 lbs. and under	11	380	712	0.8	64.7	94	13.2
10,001-20,000 lbs.	116	1,586	6,026	3.8	51.9	965	16.0
20,001-30,000 lbs.	506	4,717	22,361	4.7	44.2	2,043	9.1
30,001-50,000 lbs.	963	13,203	133,861	10.1	139.0	3,126	6.1
50,001 lbs. and over	120	1,308	14,639	11.2	122.0	1,191	8.1
Total	1,716	21,699	177,599	8.2	103.5	12,419	7.0
	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 lbs. and under	507	18,385	12,912	0.7	25.5		
10,001-20,000 lbs.	527	7,110	18,724	2.6	35.5		
20,001-30,000 lbs.	4,679	11,347	68,935	6.1	14.7		
30,001-50,000 lbs.	1,381	3,365	35,700	10.6	25.9		
50,001 lbs. and over	32	37	489	13.2	15.3		
Total	7,126	40,244	136,760	3.4	19.2		

TABLE 2. Selected Statistics by Commodity Groups

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	32	372	2,635	7.1	82.3	150	5.7
Animals and animal products	68	1,871	6,330	3.4	93.1	573	9.1
Mine products	224	189	1,285	6.8	5.7	169	3.2
Forest products	4	87	591	6.8	147.8	43	7.3
Manufactures and miscellaneous	993	13,200	121,257	9.2	122.1	7,857	6.5
N.O.S. general freight	395	5,980	45,501	7.6	115.2	3,627	8.0
Total	1,716	21,699	177,599	8.2	103.5	12,419	7.0
	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	172	480	2,610	5.4	15.2		
Animals and animal products	89	2,504	7,486	3.0	84.1		
Mine products	4,536	4,882	41,868	8.6	9.2		
Forest products	216	1,274	6,060	4.8	28.1		
Manufactures and miscellaneous	1,882	26,806	72,567	2.7	38.6		
N.O.S. general freight	231	4,298	6,169	1.4	26.7		
Total	7,126	40,244	136,760	3.4	19.3		

SECTION IV. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY SASKATCHEWAN REGISTERED TRUCKS,
JANUARY 1 - DECEMBER 31, 1957

TABLE 1. Tons of Goods Carried

Origin or destination	For hire			Private intercity			Total		
	Into Sask.	Out of Sask.	Total	Into Sask.	Out of Sask.	Total	Into Sask.	Out of Sask.	Total
'000 tons									
Newfoundland	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-
Quebec	-	-	-	-	-	-	-	-	-
Ontario	11	3	14	-	-	-	11	3	14
Manitoba	86	50	138	14	5	19	102	55	157
Alberta	41	24	65	14	10	24	55	34	89
British Columbia	-	-	-	3	3	6	3	3	6
United States	-	2	2	4	-	4	4	2	6
Total	140	79	219	35	18	53	175	97	272

TABLE 2. Selected Statistics by Gross Vehicle Weight Groups

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	¢
10,000 lbs. and under	—	—	—	—	—	—	—
10,001 - 20,000 lbs.	4	125	339	2.7	84.8	31	9.1
20,001 - 30,000 lbs.	9	427	2,380	5.6	264.4	184	7.7
30,001 - 50,000 lbs.	119	6,128	58,816	9.6	494.3	3,459	5.9
50,001 lbs. and over	87	3,480	29,771	8.6	342.2	2,049	6.9
Total	219	10,160	91,306	9.0	416.9	5,723	6.3
	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 lbs. and under	2	903	384	0.4	192.0		
10,001 - 20,000 lbs.	—	—	—	—	—		
20,001 - 30,000 lbs.	17	419	2,307	5.5	135.7		
30,001 - 50,000 lbs.	33	1,424	17,851	12.5	540.9		
50,001 lbs. and over	1	26	199	7.7	199.0		
Total	53	2,772	20,741	7.5	391.3		

TABLE 3. Selected Statistics by Commodity Groups

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	3	133	1,008	7.6	336.0	56	5.6
Animals and animal products	31	1,308	9,944	7.6	320.8	515	5.2
Mine products	—	—	—	—	—	—	—
Forest products	5	111	1,464	13.2	292.8	23	1.6
Manufactures and miscellaneous	88	4,293	40,739	9.5	462.9	2,373	5.8
N.O.S. general freight	92	4,315	38,151	8.8	414.7	2,756	7.2
Total	219	10,160	91,306	9.0	416.9	5,723	6.3
	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		
Agricultural products	—	—	—	—	—		
Animals and animal products	8	739	8,592	11.6	1,074.0		
Mine products	—	—	—	—	—		
Forest products	10	77	885	11.5	88.5		
Manufactures and miscellaneous	34	1,696	11,202	6.6	329.3		
N.O.S. general freight	1	260	62	0.2	62.0		
Total	53	2,772	20,741	7.5	391.3		

SECTION V. INTERCITY TRAFFIC PERFORMED BY SASKATCHEWAN REGISTERED BUSES INSIDE AND OUTSIDE THE PROVINCE, JANUARY 1-DECEMBER 31, 1957

TABLE 1. By Passenger Seating Capacity

	0-19	20-29	30-39	40 and over	Total
Mileage:					
Total mileage travelled '000	84	—	7,305	3,470	10,859
Average yearly mileage per bus	21,100	—	76,100	123,900	84,800
Average journey (average distance per passenger)	12.9	—	86.8	148.2	104.0
Fuel:					
Total gallons of gasoline consumed '000	5	—	316	112	433
Miles per gallon of gasoline	16.8	—	5.7	4.7	5.6
Total gallons of diesel oil consumed '000	—	—	663	393	1,061
Miles per gallon of diesel oil	—	—	8.2	7.5	8.0
Passengers and passenger miles:					
Total number of passengers carried '000	9	—	1,265	517	1,791
Total number of passenger miles '000	118	—	109,489	76,631	186,236
Average number of passengers carried per mile	1.4	—	15.0	22.1	17.2
Capacity:					
Total capacity seat miles '000	421	—	264,895	142,281	407,597
Percentage of capacity utilized	27.6	—	41.3	53.9	45.7
Revenue:					
Total passenger revenue \$'000	8	—	2,579	1,709	4,296
Revenue per mile (total mileage travelled) ¢	9.5	—	35.3	49.3	39.6
Revenue per passenger mile ¢	6.9	—	2.4	2.2	2.3
Revenue per bus \$	2,000	—	26,900	61,000	33,600

SECTION VI. INTERCITY TRAFFIC PERFORMED BY SASKATCHEWAN REGISTERED BUSES WITHIN THE PROVINCE, JANUARY 1-DECEMBER 31, 1957

TABLE 1. By Passenger Seating Capacity

	0-19	20-29	30-39	40 and over	Total
Mileage:					
Total mileage travelled '000	84	—	4,884	1,083	6,051
Average yearly mileage per bus	21,100	—	50,800	38,700	47,300
Average journey (average distance per passenger)	12.9	—	77.8	80.0	77.8
Fuel:					
Total gallons of gasoline consumed '000	5	—	284	112	401
Miles per gallon of gasoline	16.8	—	5.7	4.7	5.5
Total gallons of diesel oil consumed '000	—	—	404	79	483
Miles per gallon of diesel oil	—	—	8.1	7.1	7.9
Passengers and passenger miles:					
Total number of passengers carried '000	9	—	908	258	1,173
Total number of passenger miles '000	116	—	70,446	20,648	91,210
Average number of passengers carried per mile	1.4	—	14.4	19.1	15.1
Capacity:					
Total capacity seat miles '000	421	—	175,342	44,180	219,943
Percentage of capacity utilized	27.6	—	40.2	46.7	41.5
Revenue:					
Total passenger revenue \$'000	8	—	1,875	469	2,352
Revenue per mile (total mileage travelled) ¢	9.5	—	38.4	43.3	38.9
Revenue per passenger mile ¢	6.9	—	2.7	2.3	2.6
Revenue per bus \$	2,000	—	19,500	16,800	18,400

APPENDIX
Sampling Results

Type of operation	0-2½ tons 0-5,000 lbs.	2½-5 tons 5,001-10,000 lbs.	5-7½ tons 10,001-15,000 lbs.	7½-10 tons 15,001-20,000 lbs.	10-15 tons 20,001-30,000 lbs.	Over 15 tons 30,001 lbs. and over	Total
Estimated average Saskatchewan truck population January 1-December 31, 1957							
For hire	—	82	35	135	328	1,038	1,618
Private:							
Intercity	4,863	1,556	375	807	1,663	491	9,755
Urban	5,772	2,104	495	908	629	294	10,202
Farm	13,155	36,630	10,325	11,615	5,198	25	76,948
Total	23,790	40,372	11,230	13,465	7,818	1,848	98,523
Total number of trucks selected in samples							
For hire	—	11	7	25	110	377	530
Private:							
Intercity	312	194	71	145	577	183	1,482
Urban	381	275	98	178	238	100	1,270
Farm	855	2,317	1,883	2,104	1,754	9	8,922
Total	1,548	2,797	2,059	2,452	2,679	669	12,204
Number of questionnaires returned completed							
For hire	—	7	4	15	69	205	300
Private:							
Intercity	143	98	34	72	193	66	606
Urban	176	137	46	87	82	35	563
Farm	370	1,035	819	608	506	4	3,342
Total	689	1,277	903	782	850	310	4,811
Number of sampled trucks reported not in use during survey week							
For hire	—	3	1	5	23	88	120
Private:							
Intercity	72	52	18	44	216	68	470
Urban	91	78	27	56	92	37	381
Farm	285	847	772	1,206	964	3	4,077
Total	448	980	818	1,311	1,295	196	5,048
Number of questionnaires returned incomplete and unusable							
For hire	—	1	1	3	16	57	78
Private:							
Intercity	71	30	9	20	107	31	268
Urban	79	42	13	26	40	18	218
Farm	113	175	116	110	93	—	607
Total	263	248	139	159	256	106	1,171
Number of questionnaires not returned (non-respondents)							
For hire	—	—	1	2	2	27	32
Private:							
Intercity	26	14	10	9	61	18	138
Urban	35	18	12	9	24	10	108
Farm	87	260	176	180	191	2	898
Total	148	292	199	200	278	57	1,174



STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010529232

HOWARD SPITH
15 PASSEPORT

15 PASSEPORT
15 PASSEPORT