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MOTOR TRANSPORT TRAFFIC PROVINCE OF MANITOBA 1961

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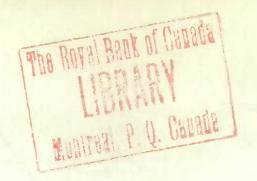


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Reports Published by the Public Finance and Transportation Division dealing with

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| | Periodical | por 0000 |
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| 53 - 212 | Motor Transport Traffic: Saskatchewan (approx. 13 pp.) | .50 |
| 53-213 | Motor Transport Traffic: Alberta (approx. 14 pp.) | .50 |
| 53 - 214 | Motor Transport Traffic: British Columbia (approx. 13 pp.) | .50 |

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PROVINCE OF MANITOBA JANUARY I - DECEMBER 31, 1961

CHART-I TRUCK REGISTRATIONS BY TYPE OF OPERATION

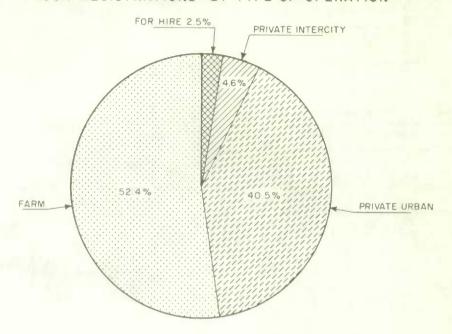
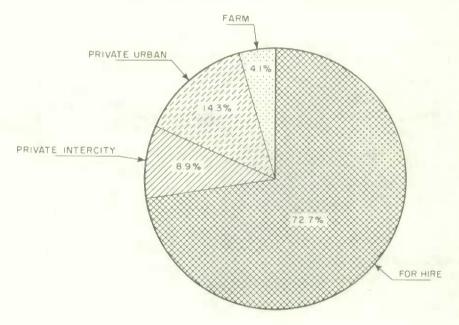


CHART-2 NET TON MILES BY TYPE OF OPERATION



INTRODUCTION

The 1961 annual report of motor transport traffic in the Province of Manitoba is based upon a sample of approximately 9 per cent of trucks registered in the province. To allow for seasonal variations in traffic and to ensure that the selected vehicles represented current registrations the sample was selected in four quarterly segments with approximately one fourth of the total selected each quarter. Each quarterly sample was spread over three survey weeks with one third of the sample being used for a seven day period, Sunday through Saturday, per month. The surveys were therefore spread over twelve weeks during the year.

All trucks registered in the province are represented except: (a) those not engaged in transportation services; and (b) military and other government-owned vehicles. Trailers as such were excluded from the sample but details of tractor-trailer combinations were obtained by including the power units or tractors in the survey.

Vehicles in the sample are stratified by type of operation and by gross vehicle weight group. The four functional categories used are: for hire, private intercity, private urban and farm. For hire vehicles are those operated for compensation or gain according to licence; private intercity vehicles are those owned and operated by firms and individuals on intercity routes to transport their own goods; private urban vehicles are those operated only within urban areas; and farm trucks are those operated by farmers primarily to transport farm produce and supplies.

In Manitoba, trucks operated on a highway for compensation are classed as Public Service Vehi-

cles and are issued with a "PSV" licence plate. Vehicles owned and operated on intercity routes by business, industry and individuals to transport their own raw materials, finished goods and merchandise are classed as commercial trucks and issued with a "CT" licence. Those operated in or within fifteen miles of any city, town or village in which the owner has his place of business are issued with a "T" or a "DC" licence. Trucks owned and operated by farmers are issued with an "FT" licence.

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

For hire -"PSV" licensed vehicles.

Private intercity - "CT" licensed vehicles.

Private urban -"T" and "DC" licensed ve-

Farm - "FT" licensed vehicles.

A number of urban trucks are operated for compensation but these vehicles are not included in the for hire category. As a result, the data shown throughout this report as "for hire" are understated and those for the "private urban" category are overstated by the extent of the urban for hire vehicles classified as "private urban".

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 have to be expanded to represent the traffic of the total truck population. The methods used in this expansion of the raw data have been continually improved. Current procedures are:

- 1. A truck population has to be determined. As each sample is selected quarterly the number of trucks chosen in each sample multiplied by the inverse of the sample selection ratio provides an estimated quarterly population. Prior to 1959 the data for each quarterly sample were expanded to represent the total traffic of the estimated population of the same quarter. In 1959, however, it was decided that it would be preferable to expand data for the four quarterly surveys using a constant population. This constant population would be the peak quarterly population of the previous year calculated by multiplying the sample in each quarter by the inverse of the sample selection ratios.
- 2. The constant population has to be broken down into gross vehicle weight groups and functions.

 This is already partially done as sample selec-

tions are stratified by licence and weight group. Therefore it is only necessary to multiply the sample in each weight group of each licence category by the inverse of the appropriate selection ratio to arrive at a quarterly population. The four quarterly populations by gross vehicle weight and licence category are added together and an average weight group and licence category distribution for the year is computed. This weight group and licence category distribution is applied to the constant population. Each licence category corresponds to one of the four functional categories. The above procedure was introduced in 1959. Prior to that year the distribution by function and weight group was determined for each quarter separately.

- When the constant population has been calculated and broken down by function and gross vehicle weight group, it is necessary to allocate vehicles included in current surveys in the same manner.
- 4. Expansion ratios for each gross vehicle weight group of each functional category are then calculated by determining for each breakdown the number of vehicles for which completed question-

naires 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 Manitoba during the year rose 5.0 per cent to 63,500 from 60,500 in 1960. Of these 1,600 or 2.5 per cent were for hire trucks; 2,900 or 4.6 per cent were private intercity vehicles; 25,700 or 40.5 per cent were private vehicles operating wholly within urban areas; and 33,300 or 52.4 per cent were farm trucks.

In the following tables blanks appear for some breakdowns of diesel fuel and other fuel by type of operation and by gross vehicle weight. In most of these instances no vehicles were chosen belonging to these classifications in any of the quarterly sample selections. However in one or two cases a few vehicles were selected but the data collected were considered too unreliable to publish. Even where no vehicles were selected it does not necessarily follow that there were no vehicles in the province belonging to these classifications.

Section 1: Traffic Inside and Outside the Province

Section I contains estimates of total traffic performed both inside and outside the province by Manitoba registered trucks.

Although comprising only 2.5 per cent of Manitoba's truck population, for hire vehicles accounted for 72.7 per cent of the total net ton miles and 12.2 per cent of the total tons of goods carried during 1961. This results from the high average yearly mileage of these trucks, 52,800 miles as compared to 6,000 miles for all trucks, and from the heavy average load carried of 12.2 tons compared to 5.9 tons for all trucks. Since four fifths of the 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, 5.2 compared with 9.5 for all trucks.

It is estimated that urban operations accounted for 0.4 per cent of the total net ton miles performed by Manitoba registered for hire trucks and 7.8 per cent of the total net ton miles performed by private intercity vehicles.

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

Section II: Traffic Within the Province

This section presents estimates of trains performed by Manitoba 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 63.5 per cent and private intercity 25.6 per cent of their total net ton miles outside Manitoba.

Section III: Interprovincial and International Traffic

Interprovincial and international traffic accounted for a significant proportion of the total traffic performed by for hire vehicles, representing approximately two thirds of the total net ton miles performed and one half of the revenue earned by these vehicles. Almost one third of the total tons of goods carried in this type of traffic by Manitoba registered for hire trucks was transported to or from Ontario and over one half was moved to or from Saskatchewan.

Appendix

During the year survey questionnaires were sent to the owners or operators of 5,528 trucks. Of this number 2,202 were returned completed and 1,754

trucks were reported not used during the survey week. The remaining 1,572 were either returned the complete and unusable or not returned at all.

SECTION L TRAFFIC PERFORMED BY MANITOBA REGISTERED TRUCKS INSIDE AND OUTSIDE THE PROVINCE JANUARY 1-DECEMBER 31, 1961

TABLE 1. All Trucks by Type of Operation

| | For hire | Intercity | Urban | Farm | Total |
|--|---------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| Mileage: | | | | | |
| Total mileage travelled | 84, 415 52, 800 290, 7 19, 5 | 45, 991 15, 900 54, 7 43, 4 | 173, 830 6, 800 11. 4 58. 7 | 78, 349 2, 400 10. 6 62. 3 | 382, 585 6, 000 48, 7 49, 0 |
| 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 '1000 Total gallons of other fuel consumed '000 Miles per gallon of other fuel '000 | 7, 396 5, 2 7, 635 6, 0 | 5, 120 8. 5 391 5. 8 | 16, 389 10, 6 131 3, 9 | 6, 243 12. 5 | 35, 148 9, 5 8, 157 5, 9 |
| Weight of goods carried: | | | | | |
| Total tons of goods carried "000 Average weight carried ton | 2, 862 12, 2 | 1, 866 | 14, 369 2. 3 | 4,406 | 23, 503 5, 9 |
| Net ton miles: | | | | | |
| Total net ton miles performed | 831, 927 520, 000 | 102, 005 35, 200 | 163, 394 6, 400 | 46, 708 1, 400 | 1,144,034 18,000 |
| Capacity ton miles: | | | | | |
| Total capacity ton miles? | 1, 267, 419 792, 100 65. 6 | 252, 464 87, 100 40, 4 | 472, 886 18, 400 34. 6 | 162, 506 4, 900 28, 7 | 2, 155, 275 33, 900 53, 1 |
| Gross ton miles: | | | | | |
| Total gross ton miles '000 Average gross ton miles per tuck | 1,842,075 1,151,300 | 307, 592 106, 100 | 643, 893 25, 100 | 235, 354 7, 100 | 3,028,914 47,700 |
| Revenue: | | | | | |
| Total revenue \$'000 Revenue per ton mile ¢ Revenue per mile (total mileage travelled) ¢ Average revenue per truck \$ | 39, 392 4, 7 46, 7 24, 600 | - | Na = | dep. | |
| Estimated annual population | 1,600 | 2, 900 | 25, 700 | 33,300 | 63,500 |

TABLE 2. All Trucks by Gross Vehicle Weight Group

| | 0-2½ tons 0-5,000 lb. | 2½-5 tons 5,001-10,000 lb. | 5-7½ tons 10,001-15,000 lb. | 7½-10 tons 15,001-20,000 lb. | 10-15 tons 20,001-30,000 1b. | Over 15 tons 30,001 lb. and over | Total |
|------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|--|--------------------------------------|
| Mileage: | | | | | | | |
| Total mileage travelled | 42, 926 5, 800 14, 4 68, 5 | 173, 373 4, 500 18, 1 62, 8 | 19, 265 3, 300 18, 0 36, 6 | 27, 448 4, 300 14, 9 35, 9 | 25,023 10,300 16,3 32,4 | 94,550 36,900 87,2 25,3 | 382, 585 6, 000 48, 7 49, 0 |
| Fuel: | | | | | | | |
| Total gallons of gasoline consumed | 2,643 16,2 — | 13, 555 12, 8 — — — | 2, 111 9, 1 — — — | 3,444 8.0 - - - | 3,557 7,0 — — — | 9,838 4,7 8,157 5,9 | 35, 148 9, 5 8, 157 5.9 |
| Weight of goods carried: | | | | | | | |
| Total tons of goods carried | 99 0, 1 | 2, 379 0, 7 | 1, 394 2, 1 | 3, 986 3. 4 | 4,919 4.7 | 10, 726 13, 2 | 23, 503 5, 9 |
| Net ton miles: | | | | | | | |
| Total net ton miles performed | .1,422 | 43, 112 1, 100 | 25, 135 4, 300 | 59, 234 9, 300 | 80, 169 33, 000 | 934, 962 365, 400 | 1, 144, 034 18, 000 |
| Capacity ton miles: | | | | 400 | | | |
| Total capacity ton miles? | 36, 201 4, 900 3, 9 | 219, 800 5, 700 19, 6 | 68, 792 11, 600 36, 5 | 143,375 22,500 41.3 | 183, 763 75, 700 43, 8 | 1,503,344 587,500 62.2 | 2, 155, 275 33, 900 53, 1 |
| Gross ton miles: | | | | | | | |
| Total gross ton miles | 70, 647 9, 500 | 405, 669 10, 500 | 91, 924 15, 600 | 170,040 26,700 | 198, 270 81, 700 | 2,092,364 817,600 | 3,028,914 47,700 |
| Estimated annual population | 7, 412 | 38, 813 | 5, 910 | 8,379 | 2, 427 | 2,559 | 63,500 |

See footnotes at end of Table 6, page 9.

TABLE 3. Selected Statistics by Gross Vehicle Weight Group

| | For hird | | | | | | | | | | |
|----------------------|-------------------------------|-----|-------------------------------|---------------------------|------------------------------|--------------------------------|------------------|--------------------------------|--|--|--|
| Gross vehicle weight | goods trav carried with | | al miles velled th load | Total net ton miles | Average weight carried | Average distance per ton | Total revenue | Revenue per ton mile | | | |
| | | | 000 | '000 | tons | miles | \$'000 | ¢ | | | |
| 0,000 lb. and under | 153 | | 3,075 | 10,241 | 3, 3 | 66.8 | 1,822 | 17.1 | | | |
| 0,001 - 30,000 lb | 313 | | 5,531 | 22,805 | 4,1 | 73.0 | 2,529 | 11. | | | |
| 0,001 - 50,000 lb. | 437 | | 12,116 | 94,400 | 7.8 | 215.6 | 7,293 | 7. | | | |
| 0,001 lb. and over | 1,959 | | 47,195 | 704,481 | 14.9 | 360. 0 | 27,748 | 3. | | | |
| Totals | 2,862 | | 67, 917 831, 927 | | 12,2 | 290. 7 | 39, 392 | 4. | | | |
| | Private intercity | | | | | | | | | | |
| | Weight of goods carried | | trav | miles elled load | Total net ton miles | Averag weight carried | | Average distance per ton | | | |
| | '000 tons | | '000 | | *000 | tons | | miles | | | |
| 0,000 lb. and under | | 178 | | 9, 769 | 5,813 | | 0, 6 | 32. | | | |
| 0,001-20,000 lb | | 389 | | 6,659 | 15,788 | | 2.4 | 40. | | | |
| 0,001 - 30,000 lb | | 542 | | 4,501 | 20,667 | | 4.6 | 38, | | | |
| 0,001 ib. and over | | 757 | | 5,108 | 59,737 | | 11.7 | 78. | | | |
| Totals | 1 | 866 | | 26,037 | 102,005 | | 3.9 | 54, | | | |

TABLE 4. Selected Statistics by Commodity Group

| | | | | | For him | | | | | |
|-----------------------------------|-------------------------------|-------------------------------|---------------------------------------|---------------------------|------------------------------|--------------------------------|------------------|--------------------------------|--|--|
| Commodity group | Weight of goods carried | Total m traveil with ic | led | Total net ton miles | Average weight carried | Average distance per ton | Tota: revenue | per ton mile | | |
| | '000 tons | '000 | | ,000 | tons | miles | \$'000 | ¢ | | |
| Live animals | 286 | 6, | 6,898 | 58, 265 | 8.4 | 203.9 | 3,241 | 5.6 | | |
| Food, feed, beverages and tobacco | 357 | 11, | 702 | 138, 595 | 11,8 | 388.3 | 4,782 | 3,5 | | |
| Crude materials, inedible | 199 | 2, | 881 | 42,523 | 14.8 | 213.4 | 1,326 | 3, 1 | | |
| Fabricated materials, inedible | 839 | 8, | 165 | 149,602 | 18,3 | 178.3 | 5,678 | 3.8 | | |
| End products, inedibie | 254 | 12, | 955 | 134, 330 | 10.4 | 529. 0 | 7,777 | 5.8 | | |
| General freight | 927 | 25, | 318 | 308,612 | 12.2 | 332.8 | 16,588 | 5.4 | | |
| Totals | 2,862 | 67, | 917 | 831, 927 | 12, 2 290. 7 | | 39, 392 | 4.7 | | |
| | Private intercity | | | | | | | | | |
| | Weight of goods carried | | Total miles travelled with load | | Total net ton miles | Averag weigh carrie | t | Average distance per ton | | |
| | '000 tons | | '000 | | '000 | tons | | miles | | |
| Live animals | | 34 | | 1,145 | 6,670 | | 5.8 | 195,3 | | |
| Food, feed, beverages and tobacco | | 560 | | 12,471 | 48, 731 | | 3.9 | 87.0 | | |
| Crude materials, inedible | | - | | - | - | | - | - | | |
| Fahricated materials, inedible | | 715 | | 4,507 | 25,284 | | 5, 6 | 35.4 | | |
| End products, inedible | | 225 | | 5, 918 | 13,396 | | 2.3 | 59. 6 | | |
| General freight | | 332 | | 1,996 | 7,924 | | 4.0 | 23,9 | | |
| Totals | 1, | 866 | | 26, 037 | 102, 005 | | 3, 9 | 54, 7 | | |

SECTION II. TRAFFIC PERFORMED BY MANITOBA REGISTERED TRUCKS WITHIN THE PROVINCE JANUARY 1-DECEMBER 31, 1961

TABLE 5. All Trucks by Type of Operation

| | | | Private | | - T |
|---|-----------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| | For hire | Intercity | Urban | Farm | Total |
| Mileage: | | | | | |
| Total mileage travelied '000 Average yearly mileage per truck Average distance each ton was carried Percentage of total mileage travelied empty | 39,657 24,800 114,2 21,9 | 42.072 14.500 42.2 43.7 | 173,830 6,800 11.4 58.7 | 78,349 2,400 10.6 62.3 | 333,90 5,30 25, 53, |
| 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 '000 Total gallons of other fuel consumed '000 Miles per gallon of other fuel | 4,967 5,4 2,161 6,0 | 4, 655 6, 9 136 5, 6 | 16,389 10,6 131 3,9 | 6, 243 12.5 — — | 32, 25, 9, 9 2, 42; 5, 1 |
| Weight of goods carried: | | | | | |
| Total tons of goods carried | 2,661 9,8 | 1,798 | 14,369 2,3 | 4,406 | 23, 23 |
| Net ton miles: | | | | | |
| Total net ton miles performed | 303,979 190,000 | 75, 873 26, 200 | 163,394 6,400 | 46,708 1,400 | 589,95 9,30 |
| Capacity ton miles: | | | | | |
| Total capacity ton miles 2 | 534,067 333,800 56,9 | 198, 055 68, 300 36, 3 | 472,886 18,400 34.6 | 162,506 4,900 28,7 | 1,367,534 21,500 43. |
| Gross ton miles: | | | | | |
| Total gross ton miles 2 | 699, 894 437, 300 | 242, 799 83, 700 | 643, 893 25, 100 | 235, 354 7, 100 | 1,821,740 28,700 |
| Revenue: | | | | | |
| Total revenue \$'000 Revenue per ton mile \$ Revenue per mile (total mileage travelled) \$ Average revenue per truck \$ | 20,850 6,9 52,6 13,000 | = = | | - | = |
| Estimated appeal population | 1,600 | 2,900 | 25,700 | 33,300 | 63,500 |

TABLE 6. All Trucks by Gross Vehicle Weight Group

| | 0-2½ tons 0-5,000 lb. | 2½-5 tons 5,001-10,000 lb. | 5-7½ tons 10,001-15,000 lb. | 7½-10 tons 15,001-20,000 lb. | 10-15 tons 20,001-30,000 1b. | Over 15 tons 30,001 lb. and over | Total |
|--------------------------------------|---------------------------------|----------------------------------|-----------------------------------|------------------------------------|------------------------------------|--|--------------------------------------|
| Mileage: | | | | | | | |
| Total mileage travelled | 42,926 5,800 14,4 68,5 | 173,373 4,500 18,1 62,8 | 19, 226 3, 300 18.0 36.6 | 27, 196 4, 300 14.8 35. 9 | 24,194 10,000 15.7 32.4 | 46, 993 18, 400 36, 7 31, 8 | 333, 908 5, 300 25, 4 53, 3 |
| Fuel: | | | | | | | |
| Total galions of gasoline consumed | 2, 643 16. 2 | 13,555 12,8 | 2, 106 9, 1 | 3, 414 8, 0 | 3, 435 7. 0 | 7, 101 4, 6 2, 428 5, 8 | 32,254 9,9 2,428 5,8 |
| Total gallons of other fuel consumed | = | = | = | _ | _ | _ | _ |
| Weight of goods carried: | | | | | | | |
| Total tons of goods carried | 99 0, 1 | 2,379 0,7 | 1,394 2,1 | 3,984 | 4,906 | 10,472 12,0 | 23, 234 |
| Net ton miles: | | | | | | | |
| Total net ton miles performed | 1,422 200 | 43,112 1,100 | 25, 126 4, 300 | 58, 983 9, 200 | 77, 227 31, 800 | 384,084 150,100 | 589,954 9,300 |
| Capacity ton miles: | | | | | - | | |
| Total capacity ton miles' | 38, 201 4, 900 3, 9 | 219, 800 5, 700 19, 6 | 68, 670 11, 600 36, 6 | 142, 185 22, 300 41, 5 | 177,148 73,000 43,6 | 723,530 282,700 53,1 | 1, 367, 534 21, 500 43, 1 |
| Gross ton miles: | | | | | | | |
| Total gross ton miles | 70,647 9,500 | 405, 669 10, 500 | 91, 786 15, 500 | 166, 796 26, 500 | 191,363 78,800 | 693, 479 349, 200 | 1,821,740 28,700 |
| Estimated annual population | 7, 412 | 38, 813 | 5, 910 | 6, 379 | 2,427 | 2,559 | 63,500 |

Net ton miles divided by miles travelied with load.

Capacity ton miles are determined by multiplying the actual number of miles travelled by the estimated capacity or the weight of the heavlest load carried, whichever is larger.

Gross ton miles performed are determined by adding to the total ton miles performed the weight of the vehicle empty (tare) multiplied by total miles travelled.

SECTION III. INTERPROVINCIAL AND INTERNATIONAL TRAFFIC PERFORMED BY MANITOBA REGISTERED TRUCKS JANUARY 1-DECEMBER 31, 1961

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

| CONTRACTOR - I | | For hire | | Priv | vate intercity | y ¹ | Total ¹ | | |
|---------------------------------|------------------|--------------------|-------|------------------|--------------------|----------------|--------------------|--------------------|-------|
| Origin and destination | Into Manitoba | Out of Manitoba | Total | Into Manitoba | Out of Manitoba | Total | into Manitoba | Out of Manitoba | Total |
| | | | | | '000 tons | | | | |
| Newfoundland | ~ | - | - | | | | | | |
| Prince Edward Island | - | - | - | | | | | | |
| Nova Scotia | - | - | _ | | | | | | |
| New Brunswick | - | - | _ | | | | | | |
| Quebec | 9 | 7 | 16 | | | | | | |
| Ontario | 112 | 168 | 280 | | | | | | |
| Saskatchewan | 282 | 161 | 443 | | | | | | |
| Alberta | 39 | 61 | 100 | | | | | | |
| British Columbia | 6 | 7 | 13 | | | | | | |
| lukon and Northwest Territories | _ | _ | _ | | | | | | |
| United States | 15 | 3 | 18 | | | | | | |
| Totals | 463 | 407 | 870 | | | | | | |

TABLE 8. 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 | Totai revenue | Revence per ton mile | | |
| | '000 tons | '000 | '000 | tons | miles | \$'000 | ¢ | | |
| Live animals | 78 | 2,290 | 25,655 | 11.2 | 328.5 | 693 | 2. | | |
| Food, feed, beverages and tobacco | 1 03 | 7,680 | 108, 251 | 14.1 | 1, 053. 6 | 2,550 | 2, | | |
| Crude materials, inedible | 38 | 1,803 | 27,436 | 15.2 | 723, 6 | 518 | 1. | | |
| Fabricated materials, inedible | 213 | 4,176 | 74,991 | 18, 0 | 352, 1 | 2, 431 | 3. | | |
| End products, inedible | 88 | 8,449 | 85,430 | 10,1 | 973.9 | 5, 041 | 5. | | |
| General freight | 350 | 14,467 | 213,742 | 14. 8 | 609, 9 | 8, 279 | 3. | | |
| Totals | 870 | 38, 865 | 535, 505 | 13.8 | 615, 6 | 19, 512 | 3. | | |
| | Private intercity ¹ | | | | | | | | |
| | Weight of goods carried | tra | l miles velled h load | Total net ton miles | Averag weight carried | d | Average distance per ton | | |
| | '000 tons | '0 | 000 | '000 | tons | | miles | | |
| Live animals | | | | | | | | | |
| Food, feed, beverages and tobacco | | | | | | | | | |
| Crude materials, inedible | | | | | | | | | |
| Fabricated materials, inedible | | | | | | | | | |
| End products, inedible | | | | | | | | | |
| General freight | | | | | | | | | |
| Totals | | | | | | | | | |

¹Reliable statistics not available.

APPENDIX

| | | | | | A. Pop | pulation | | | | | |
|-------------------|-----------------------------|--|----------|--|----------|------------------------------|---|---|-------------|--|--|
| Type of operation | 0-2½ tons 0-5,000 lb. | 2½-5 ton 5,001-10,0 lb. | s)00 | 5-7½ tons 10,001-15,000 lb. | 15,001 | 0 tons -20,000 | 10-15 tons 20,001-30,000 lb. | Over 15 tons 30,001 lb. and over | Total | | |
| | | | | Estimated Man | itoba tı | oba truck population in 1961 | | | | | |
| For hire | _ | | _ | 49 | | 226 | 245 | 1,080 | 1.600 | | |
| Private: | | | | | | | | | | | |
| Intercity | - | 1,665 | | 249 | | 3 52 | 336 | 298 | 2,900 | | |
| Urban | 5,158 | 14, 02 | | 1,439 | | 2,713 | 1,268 | 1,100 | 25,700 | | |
| Fam | 2,254 | 23, | 126 | 4,173 | 3,088 | | 578 | 81 | 33, 30 | | |
| Totals | 7,412 | 38, | 813 | 5,910 | | 6, 379 | 2,427 | 2,559 | 63, 50 | | |
| | B. Survey Response | | | | | | | | | | |
| | trucks sel | Total number of trucks selected in samples | | Number of questionnaires returned complete | | trucks | er of sampled reported not in ing survey week | Number of qu not returned incomplete as | or returned | | |
| For hire | | 778 | | | 431 | | 14 | 0 | 207 | | |
| Private: | | | | | | | | | | | |
| Intercity | | 577 | | | 352 | | 11 | 4 | 111 | | |
| Urban | | 2,774 | | | 1,067 | | 84 | 2 | 861 | | |
| F'arm | | 1,399 | | | 352 | | 65 | 8 | 389 | | |
| Totals | | 5, 528 | | | 2, 202 | | 1, 75 | 4 | 1,572 | | |