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CANADA

CANAL STATISTICS

1955

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CANAL STATISTICS
1955

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CANAL STATISTICS

1955

SOURCE AND TREATMENT OF DATA

Beginning in 1955, canal statistics have been compiled using punch cards and the methods of mechanical tabulation. Because of this, it has been possible to arrange data on canal traffic into certain new combinations resulting in the addition of some new tables and the expansion of certain existing tables; for example, table 5 on interlake traffic is included for the first time succeeding table 16 in last year's report which presented data on traffic between a few selected ports and some lakes. On the other hand, tables showing through and way traffic separately have been dropped because of insufficient interest in them.

It will be noticed that another new feature of this 1955 report is the rearrangement of tables. The thirty tables appearing in this publication could be grouped into four parts: (1) Tables providing information on the total picture of canal traffic—Tables 1, 2 and 3. (2) Tables of special interest—Tables 4-10. (3) Tables giving detailed data on commodities carried through each of Canada's canals—Tables 11-23. (Tables for Sault Ste. Marie, Welland Ship and St. Lawrence canals show the complete list of commodities for which statistics are tabulated, for the other canals only those commodities that were carried are listed.) (4) Tables with miscellaneous data—Tables 24-30.

Since the construction of the Canso Canal had advanced far enough in the latter part of 1955 to permit the passage of shallow draft vessels, statistics on the traffic through this canal are now shown. The Canso Canal is considered to be part of the main line of canal traffic in Canada along with the Sault Ste. Marie, the Welland Ship and the St. Lawrence canals and will be treated as such in all future canal reports issued by the Bureau.

Other revisions evident in this year's report include a finer breakdown of vessel rigging from "steam and sail" into "steam, motor, unrigged, and other"; also, vessels of United Kingdom registry are shown separately from Canadian registered vessels. While traffic to and from foreign ports other than the United States is a small percentage of the total, it was nevertheless believed that there might be some interest in a separate tabulation of the United Kingdom and "Other" countries apart from the United States in tables showing detailed traffic information by commodity and direction on the Sault Ste. Marie, Welland Ship and St. Lawrence canals. Another innovation is the collection of passenger data into one table.

Table 4, Freight Carried through Selected Canal Networks Excluding Duplications, in one respect is an expansion of Table 2 in the 1954 annual report. Seven significant commodities were

chosen for inclusion in the table and can be analyzed for the first time. On the other hand, data on traffic through the United States locks at Sault Ste. Marie is not included so that this table is not entirely comparable with that of last year's report. Thus, traffic passing first through the United States Sault Ste. Marie Canal and then finally through the Welland Ship Canal is now considered under Welland Ship Canal only since for reporting and coding purposes the Bureau has no record of such traffic until it enters the Welland Ship Canal. In other words, "canal networks" now refers only to Canadian canal systems.

However, Table 5, Number of Cargo Tons Carried in Interlake Traffic, does include data from United States sources on the amount of traffic passing through the United States locks at Sault Ste. Marie indicating the amount of cargo shipped from Lake Superior to Lake Michigan, Lake Huron and Lake Erie and vice-versa.

Data on traffic among Lake Michigan, Lake Huron and Lake Erie are not available because there are no canals connecting these lakes.

Tables 6A, 6B, 6C, and 6D reveal the number of vessels and amount of cargo which passes up and down the St. Lawrence Canals for points beyond the St. Lawrence region. With the exception of the Richelleu River, an outside point is considered to be one which lies beyond the Gaspé Peninsula. Because of the interest in overseas traffic through the St. Lawrence canal system, individual countries and areas have been listed to allow for more detailed study.

Tables 8, 9 and 10 which analyse freight carried up and down the St. Lawrence, Welland Ship and Sault Ste. Marie canals by country of origin of cargo on either Canadian, United States, United Kingdom or "Other" registered vessels is included in this report for the first time. Country of origin of cargo does not necessarily mean the country from which the cargo was loaded, but the country in which the commodity was produced. However, in most instances the country of loading is the country in which the commodity originates.

It will be noted that most of the cargo which originates from countries other than Canada or the United States passes through the St. Lawrence Canals only without entering either the Welland Ship or Sault Ste. Marie canals.

The traffic statistics of the canals in Canada are collected through Canal Officers of the Department of Transport and compiled by the Transportation and Public Utilities Section of the Dominion

Bureau of Statistics. Each vessel using a canal must make a report to the officer in charge of the canal, giving the details of the vessel tonnage, country of registry, cargo, etc. There are no tolls charged for the use of the canals and at Sault Ste. Marie, Canadian and United States vessels use the Canadian or United States locks as convenient. There are five locks at Sault Ste. Marie, one Canadian and four United States locks. Two of the locks on the United States side are 450 feet longer and are deeper than the Canadian lock and all four are wider. Because of the greater facilities on the United States side of the river a much larger portion of the traffic uses the United States locks than uses the Canadian lock.

The traffic statistics are complete for each canal. Vessels and cargoes passing through two or more canals in going from port of loading to port of unloading are included in the statistics for each canal used. A certain percentage of the up-bound traffic through the St. Lawrence Canals uses the Welland Ship and the Sault Ste. Marie canals, mostly on the United States side. Similarly in down-bound traffic some of the vessels using the Sault Ste. Marie Canal also pass through the Welland Ship Canal and the St. Lawrence Canals while a considerable percentage of the traffic using the Welland Ship Canal pass through the St. Lawrence Canals. Practically all the Ottawa River Canals traffic uses

the Lachine locks of the St. Lawrence Canals. In other words, the totals for all Canadian canals contain a large amount of duplication.

The water freight charges for Canadian grain shown in Tables 28, 29 and 30 are weighted averages. They include transportation charges and such trimming and other charges as are absorbed by the vessel operator. Where storage charges were made, they are shown separately. The trimming charges vary at different ports and are also affected by the overtime required to complete the job.

The directions "Up" and "Down" are according to the direction of the flow of the water except for the Rideau and Trent Canals, which overcome heights of land and consequently use water flowing in opposite directions. For the Rideau Canal the direction from Lake Ontario towards the Ottawa River is classed as "Down", and for the Trent Canal from Lake Huron towards Lake Ontario is classed as "Down". St. Peter's Canal crosses an isthmus and connects St. Peter's Bay with the southerly end of the Bras d'Or Lakes from the northerly end of which access is had to the Atlantic Ocean. The direction from the Bras d'Or Lakes to St. Peter's Bay is classed as "Down". For the Canso Canal the direction through the strait of Canso from the Gulf of St. Lawrence to the Atlantic Ocean, that is, from George Bay to Port Hastings, is considered as "Down".

REVIEW OF 1955 TRAFFIC

The total freight transported through all Canadian canals in 1955 amounted to 34,874,198 tons, an increase of almost 16 per cent over the previous year's total of 30,070,701 tons. Among some of the significant increases in cargo carried were iron ore which more than doubled, rising from 2,596,249 to 6,148,474 tons in 1955 and bituminous coal which was over 7 per cent higher, going from 6,656,051 to 7,138,729 tons. On the other hand, agricultural products carried were conspicuous by their decline. Wheat dropped by over 7 per cent, from 5,447,881 to 5,028,436 tons, while corn fell by 42 per cent, from 617,026 to 355,579 tons, and barley by 11 per cent from 2,579,454 to 2,289,555 tons. Rye proved an exception, however, since the amount carried through all canals more than doubled in rising from 109,080 to 390,703 tons.

Freight traffic was higher on the St. Lawrence and Welland Ship canals, but cargo carried on the Sault Ste. Marie Canal dropped by almost 16 per cent, from 2,607,968 in 1954 to 2,201,075 tons in 1955. The Welland Ship Canal showed over a 19 per cent gain in cargo carried, from 17,514,258 to 20,893,572 tons; the St. Lawrence Canals also handled almost a 19 per cent increase in freight traffic, from 9,637,034 to 11,446,620 tons. Of the smaller canals, traffic declined on the Rideau, Trent and Richelieu River canals, from 111,098 tons in

1954 to 97,645 tons in 1955, but increased on the Ottawa River, Murray, St. Andrew's and St. Peter's canals from 200,343 to 222,087 tons. The Canso Canal which was opened late in 1955 had a total of 13,199 tons of cargo carried through it.

The general increase in freight carried through all canals was accompanied by a rise in the number of vessel passages from 25,292 in 1954 to 28,172 in 1955, an 11 per cent increase. Similarly the registered net tonnage increased by 11 per cent from 29,442,595 to 32,685,154. On a country of registry basis, Canadian and United Kingdom vessels combined had a registered net tonnage of 27,798,290 compared with 25,303,262 of the previous year. Canadian vessels alone in 1955 constituted 85 per cent of the total registered net tonnage passing through all canals. The registered net tonnage of United States vessels climbed from 3,245,555 to 3,798,290 in 1955, while the registered net tonnage of other foreign vessels increased from 893,778 to 1,044,774.

Passengers carried through all canals rose from 116,231 in 1954 to 178,932 in 1955, about a 63 per cent increase. This rise in total passenger traffic was due mainly to an increase of 62,992 passengers carried through the Sault Ste. Marie Canal.

The combined total of freight shipped through the Canadian and United States locks at Sault Ste. Marie amounted to 114,553,735 tons, an increase of 29,138,386 tons over 1954. This rise in the amount of cargo carried was primarily due to the increase of 26,813,396 tons of iron ore transported. Besides iron ore, among the significant commodities shipped through were wheat, barley, stone and bituminous coal.

Table No. 5, Number of Cargo Tons Carried in Interlake Traffic, reveals that about two-thirds of the amount of freight moving eastward from Lake Superior had Lake Erie as its destination. However, a considerable amount of freight is usually trans-shipped at Lake Erie ports to pass on to Lake Ontario and the St. Lawrence River. About three-quarters of the freight leaving Lake Ontario was unloaded in the St. Lawrence River area. Similarly 2,058,413 out of 4,049,434 tons or just over half of the traffic moving west from the St. Lawrence River was destined for Lake Ontario, although 1,772,718 tons, or a little less than half was transported to Lake Erie, with only small amounts shipped to Lake Superior, Lake Michigan and Lake Huron.

The number of vessels passing through the St. Lawrence Canals from and to outside points increased from 800 in 1954 to 962 in 1955 according to Tables 6A and 6B. While Canadian vessels made

up the largest single group in up-bound traffic from outside points, vessels of German registry held this position in down-bound traffic.

Cargo carried up the St. Lawrence from outside points increased to 509,251 tons in 1955 from 428,633 tons in 1954 while cargo moving down the St. Lawrence to these areas equalled 379,648 tons in 1954 as compared with 420,310 this year. Vessels of Canadian registry shipped the largest tonnage of cargo up the St. Lawrence from outside areas while German registered vessels transported the greatest amount of the total down to outside points.

The 1955 season of navigation varied within a few days of the 1954 season for the Welland Ship Canal, and the St. Lawrence system, while five of the smaller canals had somewhat longer periods. The Canadian lock at Sault Ste. Marie opened April 11 and closed December 12, making the same number of days, namely 246, for both the 1955 and 1954 seasons. The American locks, which opened April 8 and closed December 16, were in operation 253 days, .3 more than in the preceding year. The St. Lawrence system opened April 10, and closed December 12, as against April 13 and December 11 in 1954, thus making 4 additional days of navigation. The Welland Ship Canal opened March 30, five days later than in 1954, but closed on the same date, December 17, reducing the 1955 season by five days.

CHART

The chart on page 8 presents the total freight carried through all Canadian canals compared with the amount shipped through the St. Lawrence Canals over the period 1931 to 1955.

Total traffic on all canals rose from 16.2 million tons in 1931 to a record 34.9 million tons

in 1955, an increase of over 115 per cent. The quantity of shipments through the St. Lawrence Canals tend to follow the pattern of traffic for all canals. In 1955, cargo transported through the St. Lawrence represented 37.0 per cent of total freight in 1931, 28.4 per cent in 1943 and 32.8 per cent in 1955.

Notes and Symbols:

A "cargo ton" equals 2,000 pounds.
 "n.a." means, not available.

TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS 1931 — 1955

MILLION TONS
35

30

20

10

0

FREIGHT TRAFFIC THROUGH ST. LAWRENCE CANALS

TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS

1931

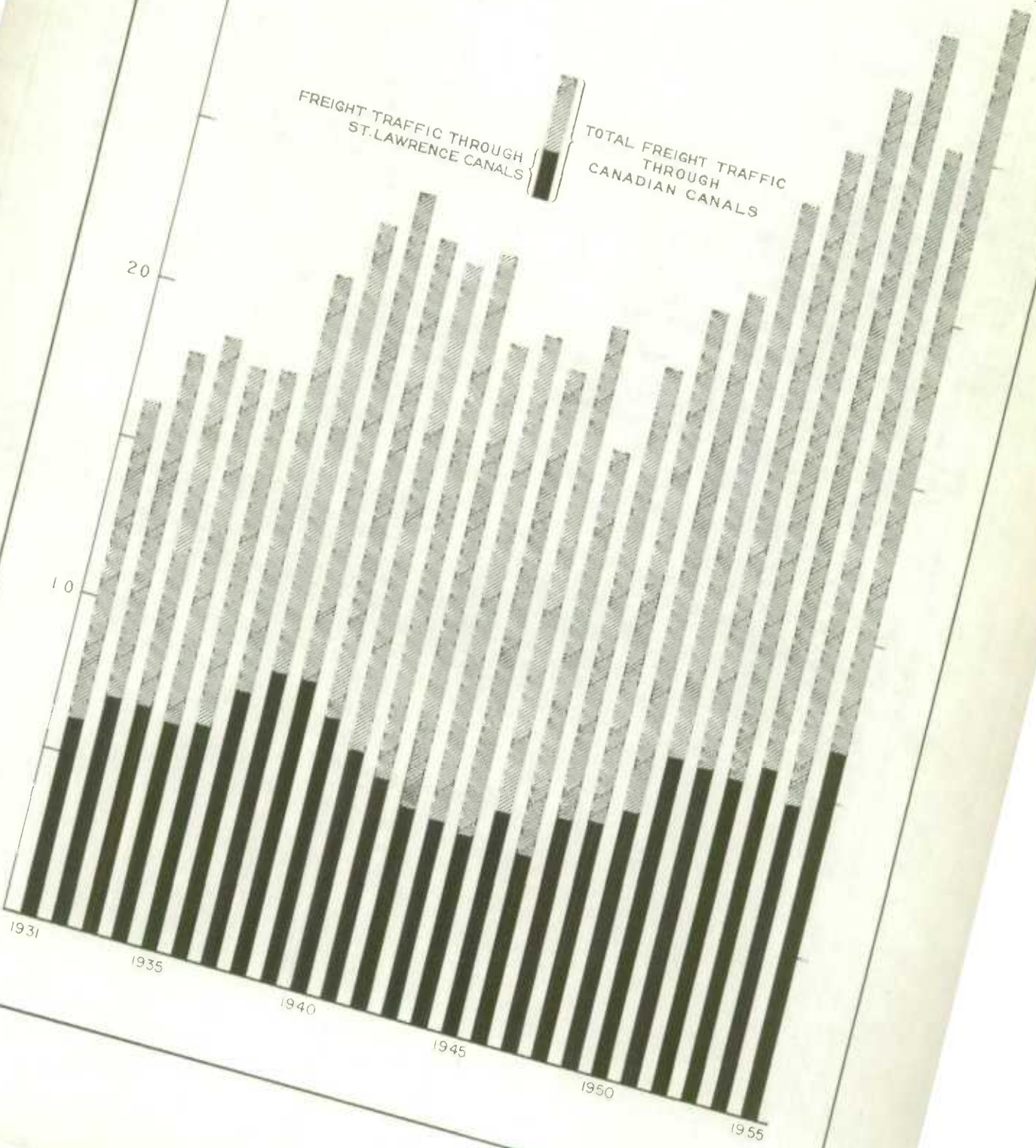
1935

1940

1945

1950

1955



TABLES

TABLE 1. Total Traffic through Canadian Canals

| No. | | Sault Ste. Marie | Welland Ship | St. Lawrence | Ottawa River | Richelieu River |
|-----|---|-----------------------------------|-------------------|------------------|----------------|-----------------|
| | | Number of vessels | | | | |
| 1 | Canadian vessels | 3,353 | 6,505 | 9,485 | 951 | 664 |
| 2 | United States vessels | 1,539 | 2,147 | 151 | 1 | 36 |
| 3 | United Kingdom vessels | — | 64 | 122 | — | 1 |
| 4 | Other foreign vessels | 16 | 618 | 630 | — | — |
| 5 | Total vessels | 4,908 | 9,334 | 10,388 | 952 | 701 |
| 6 | Passengers | 178,006 | 85 | 13 | — | 38 |
| | | Registered net tonnage of vessels | | | | |
| 7 | Canadian vessels: | | | | | |
| 8 | Steam | 2,776,817 | 14,071,697 | 6,166,196 | — | 2,522 |
| 9 | Motor | 360,885 | 1,378,529 | 1,942,105 | 16,291 | 55,052 |
| 10 | Unrigged | 278,223 | 19,403 | 260,246 | 219,333 | 41,146 |
| | Other | — | 258 | 488 | — | 120 |
| 11 | United States vessels: | | | | | |
| 12 | Steam | 554,504 | 1,937,622 | 2,426 | — | — |
| 13 | Motor | 109,659 | 259,161 | 13,994 | 30 | 977 |
| 14 | Unrigged | 26,476 | 831,118 | 52,662 | — | — |
| | Other | — | 7,217 | — | — | — |
| 15 | United Kingdom vessels: | | | | | |
| 16 | Steam | — | 10,826 | 14,533 | — | — |
| 17 | Motor | — | 33,222 | 72,821 | — | 191 |
| 18 | Unrigged | — | — | — | — | — |
| | Other | — | — | — | — | — |
| 19 | Other foreign vessels: | | | | | |
| 20 | Steam | 2,884 | 89,210 | 85,693 | — | — |
| 21 | Motor | 10,310 | 421,354 | 435,323 | — | — |
| 22 | Unrigged | — | — | — | — | — |
| | Other | — | — | — | — | — |
| 23 | Total | 4,119,758 | 19,059,617 | 9,046,487 | 235,654 | 100,008 |
| | | Cargo tons | | | | |
| 24 | Agricultural products: | | | | | |
| 25 | Wheat | 262,844 | 2,738,209 | 2,027,383 | — | — |
| 26 | Corn | — | 214,023 | 141,556 | — | — |
| 27 | Oats | 104,328 | 317,544 | 192,723 | — | — |
| 28 | Barley | 172,481 | 1,234,722 | 882,352 | — | — |
| 29 | Rye | 17,963 | 186,268 | 186,472 | — | — |
| 30 | Flaxseed | 16,428 | 358,911 | 242,230 | — | — |
| 31 | Soyabeans | 2,949 | 245,379 | 33,543 | — | — |
| 32 | Grain screenings | 8,239 | 9,138 | 8,351 | — | — |
| 33 | Other grain | — | 1,592 | 3,420 | — | — |
| 34 | Flour | 75,380 | 14,733 | 13,520 | — | — |
| 35 | Other mill products | 189,339 | 8,631 | 9,320 | — | — |
| 36 | Hay and straw | — | — | — | — | — |
| 37 | Fruit and vegetables | — | 255 | 1,166 | — | 831 |
| 38 | Other agriculture products | 4,788 | 6,483 | 20,932 | — | — |
| | Total | 854,739 | 5,335,888 | 3,762,968 | — | 831 |
| 39 | Animals and animal products: | | | | | |
| 40 | Cattle and calves | — | — | — | — | — |
| 41 | Other live animals and live poultry | — | — | — | — | — |
| 42 | Fish | 2,103 | 2,707 | 2,933 | — | — |
| 43 | Dressed meats | — | — | — | — | — |
| 44 | Dairy products | — | 1,700 | 1,700 | — | — |
| 45 | Other packing house products | — | 693 | 693 | — | — |
| 46 | Other animal products | — | 11,510 | 17,785 | — | — |
| | Total | 2,103 | 16,610 | 23,111 | — | — |
| 47 | Mine products: | | | | | |
| 48 | Coal, anthracite | 6,777 | 4,466 | 3,887 | — | — |
| 49 | Coal, bituminous | 122,244 | 5,417,812 | 1,597,600 | 425 | — |
| 50 | Coke | — | 13,398 | 8,287 | — | — |
| 51 | Iron ore and concentrates | — | 4,397,907 | 1,750,567 | — | — |
| 52 | Copper ore and concentrates | — | — | — | — | — |
| 53 | Other ores and concentrates | — | 37,932 | 39,056 | — | — |
| 54 | Petroleum, crude (Foreign) | 8,280 | 586,063 | — | — | — |
| 55 | Petroleum, crude (Canadian) | — | 417,969 | 268,215 | — | — |
| 56 | Sand, gravel and crushed stone | 117,636 | 172,076 | 243,242 | 206,100 | — |
| 57 | Salt | 3,443 | 105,058 | 100,541 | — | — |
| 58 | Other mine products | 8,064 | 153,859 | 242,018 | — | 1,099 |
| | Total | 266,444 | 11,306,540 | 4,253,413 | 206,525 | 1,099 |

TABLE 1. Total Traffic through Canadian Canals

| Rideau | Trent | Murray | St. Andrew's | St. Peter's | Canso | Total | Compared with 1954 | | No. |
|-----------------------------------|-------|--------|--------------|-------------|--------|------------|--------------------|----------|-----|
| | | | | | | | Increase | Decrease | |
| Number of vessels | | | | | | | | | |
| 116 | 34 | 53 | 353 | 768 | 476 | 22,758 | 1 | 1 | 1 |
| 20 | 32 | — | — | 16 | 8 | 3,950 | 805 | — | 2 |
| 2 | — | — | — | — | 11 | 200 | n. a. | n. a. | 3 |
| — | — | — | — | — | — | 1,264 | 183 | — | 4 |
| 138 | 66 | 53 | 353 | 784 | 495 | 28,172 | 2,880 | — | 5 |
| 541 | — | — | 172 | 48 | 29 | 178,932 | 62,701 | — | 6 |
| Registered net tonnage of vessels | | | | | | | | | |
| 871 | — | 18,661 | 3,366 | 3,825 | 2,331 | 23,046,286 | n. a. | n. a. | 7 |
| 1,200 | 461 | 626 | 22,719 | 16,285 | 24,851 | 3,819,004 | " | " | 8 |
| 2,072 | — | 2,043 | 12,283 | 5,385 | 1,346 | 841,480 | " | " | 9 |
| — | — | — | — | 1,596 | — | 2,462 | " | " | 10 |
| — | — | — | — | — | — | 2,494,552 | " | " | 11 |
| 297 | 555 | — | — | 233 | 1,359 | 386,265 | " | " | 12 |
| — | — | — | — | — | — | 910,256 | " | " | 13 |
| — | — | — | — | — | — | 7,217 | " | " | 14 |
| — | — | — | — | — | — | 25,359 | " | " | 15 |
| 48 | — | — | — | — | 1,217 | 107,499 | " | " | 16 |
| — | — | — | — | — | — | — | " | " | 17 |
| — | — | — | — | — | — | — | " | " | 18 |
| — | — | — | — | — | — | 177,787 | " | " | 19 |
| — | — | — | — | — | — | 866,987 | " | " | 20 |
| — | — | — | — | — | — | — | " | " | 21 |
| — | — | — | — | — | — | — | " | " | 22 |
| 4,488 | 1,016 | 21,330 | 38,368 | 27,324 | 31,104 | 32,685,154 | 3,242,559 | — | 23 |
| Cargo tons | | | | | | | | | |
| — | — | — | — | — | — | 5,028,436 | — | 419,445 | 24 |
| — | — | — | — | — | — | 355,579 | — | 261,447 | 25 |
| — | — | — | 1 | — | — | 614,596 | — | 70,326 | 26 |
| — | — | — | — | — | — | 2,289,555 | — | 289,899 | 27 |
| — | — | — | — | — | — | 390,703 | 281,623 | — | 28 |
| — | — | — | — | — | — | 617,569 | — | 38,661 | 29 |
| — | — | — | — | — | — | 281,871 | n. a. | n. a. | 30 |
| — | — | — | — | — | — | 25,728 | " | " | 31 |
| — | — | — | — | — | — | 5,012 | — | 264,518 | 32 |
| — | — | — | 99 | — | — | 103,732 | — | 34,542 | 33 |
| — | — | — | — | — | — | 207,290 | — | 1,687 | 34 |
| — | — | — | 29 | — | — | 29 | — | 3 | 35 |
| — | — | — | 32 | 320 | 887 | 3,491 | — | 868 | 36 |
| — | — | — | — | — | — | 32,203 | n. a. | n. a. | 37 |
| — | — | — | 161 | 320 | 887 | 9,955,794 | — | 759,971 | 38 |
| — | — | — | — | — | — | — | n. a. | n. a. | 39 |
| — | — | — | — | — | — | — | " | " | 40 |
| — | — | — | 1,501 | 3,674 | 5,672 | 18,590 | 9,171 | — | 41 |
| — | — | — | 10 | — | — | 10 | 10 | — | 42 |
| — | — | — | — | — | — | 3,400 | n. a. | n. a. | 43 |
| — | — | — | — | — | — | 1,386 | 1,386 | — | 44 |
| — | — | — | 9 | 50 | 16 | 29,370 | 28,645 | — | 45 |
| — | — | — | 1,520 | 3,724 | 5,688 | 52,756 | 42,612 | — | 46 |
| — | — | — | — | 104 | — | 15,234 | 2,314 | — | 47 |
| 40 | — | — | 2 | 341 | 265 | 7,138,729 | 482,678 | — | 48 |
| — | — | — | — | — | — | 21,685 | 3,956 | — | 49 |
| — | — | — | — | — | — | 6,148,474 | 3,552,225 | — | 50 |
| — | — | — | — | — | — | — | — | — | 51 |
| — | — | — | — | — | — | 76,988 | — | 113,732 | 52 |
| — | — | — | — | — | — | 594,343 | 2 | 2 | 53 |
| — | — | — | — | — | — | 686,184 | 2 | 2 | 54 |
| 132 | — | — | — | 10 | — | 739,196 | 109,330 | — | 55 |
| — | — | — | — | 70 | 398 | 209,510 | 12,804 | — | 56 |
| — | — | — | — | — | — | 405,040 | n. a. | n. a. | 57 |
| 172 | — | — | 2 | 525 | 683 | 16,035,383 | 5,735,142 | — | 58 |

TABLE 1. Total Traffic through Canadian Canals - Concluded

| No. | | Sault Ste. Marie | Welland Ship | St. Lawrence | Ottawa River | Richelleu River |
|-----|--|------------------|-------------------|-------------------|----------------|-----------------|
| | | Cargo tons | | | | |
| 1 | Forest Products: | | | | | |
| 2 | Pulpwood | 117,767 | 509,566 | 438,614 | — | — |
| 3 | Logs, posts, poles, pitprops, piling | 1,740 | — | — | — | — |
| 4 | Lumber, timber, cooperage stock | 130 | 730 | 34,912 | — | — |
| 5 | Firewood, hogged fuel | — | — | — | — | — |
| 6 | Other forest products | — | — | — | — | — |
| 6 | Total | 119,637 | 510,296 | 473,526 | — | — |
| 7 | Manufactures and Miscellaneous: | | | | | |
| 8 | Gasoline | 112,984 | 422,926 | 101,616 | — | — |
| 9 | Fuel oil | 149,537 | 845,764 | 983,820 | — | 15 |
| 10 | Petroleum oils and other petroleum products | 35,841 | 450,555 | 129,755 | — | 65 |
| 11 | Iron, pig and bloom | 22,450 | 113,228 | 42,626 | — | — |
| 12 | Iron and steel, bar, sheet, structural, pipe | 126,559 | 50,406 | 16,473 | — | — |
| 13 | Iron and steel, other | 7,386 | 8,825 | 5,245 | — | — |
| 14 | Scrap, iron and steel | 2,450 | 241,163 | 13,811 | — | — |
| 15 | Metals and alloys | — | 7,518 | 6,209 | — | — |
| 16 | Agricultural implements | — | — | — | — | — |
| 17 | Autos, trucks and parts | 7,553 | 3,682 | 2,127 | — | — |
| 18 | Machines, machinery and parts | — | 383 | 1,081 | — | — |
| 19 | Fertilizers, all kinds | 1,185 | 3,235 | 16,786 | — | 41,052 |
| 20 | Chemicals and chemical products | 695 | 82,517 | 14,725 | — | 6,500 |
| 21 | Cement, bricks, lime and plaster | — | 171,444 | 72,615 | — | — |
| 22 | Wood pulp | 87,438 | 53,385 | 35,679 | — | — |
| 23 | Newsprint paper | 107,048 | 367,761 | 170,810 | — | 25,951 |
| 24 | Other manufactured wood products | 1,110 | 3,581 | 1,658 | — | — |
| 25 | Sugar | — | 51,452 | 12,410 | — | — |
| 25 | Beverages | — | — | — | — | — |
| 26 | Total | 662,236 | 2,877,825 | 1,627,446 | — | 73,583 |
| 27 | Other freight | 295,916 | 846,413 | 1,306,156 | — | 21,617 |
| 28 | Grand total | 2,201,075 | 20,893,572 | 11,446,620 | 206,525 | 97,130 |

1. In 1954, United Kingdom vessels were included with Canadian vessels.
2. In 1954, classed as "petroleum and other oils".
3. In 1954, classed as "iron and steel, other".

TABLE 2. Total Freight Carried through Canals on Canadian, United States, United Kingdom and Other Vessels

| No. | Canal | Total up | Total down | Grand total |
|-----|--|------------------|-------------------|-------------------|
| | | Cargo tons | Cargo tons | Cargo tons |
| 1 | Sault Ste. Marie | 713,954 | 1,487,121 | 2,201,075 |
| 2 | Welland Ship | 4,259,992 | 16,633,580 | 20,893,572 |
| 3 | St. Lawrence | 4,781,803 | 6,664,817 | 11,446,620 |
| 4 | Ottawa River | 425 | 206,100 | 206,525 |
| 5 | Richelleu River | 70,681 | 26,449 | 97,130 |
| 6 | Rideau | 248 | 165 | 413 |
| 7 | Trent | 40 | 62 | 102 |
| 8 | Murray | 562 | 105 | 667 |
| 9 | St. Andrew's | 5,679 | 2,433 | 8,112 |
| 10 | St. Peter's | 1,901 | 4,882 | 6,783 |
| 11 | Canso | 6,112 | 7,087 | 13,199 |
| 12 | Total Canadian canals | 9,841,397 | 25,032,801 | 34,874,198 |
| 13 | Sault Ste. Marie - Canadian and United States ¹ | 12,869,978 | 101,685,320 | 114,555,298 |

1. Data obtained from United States Corps of Engineers preliminary report of "Interlake Traffic". Figures are subject to change.
2. Includes United Kingdom vessels.

TABLE 1. Total Traffic through Canadian Canals - Concluded

| Rideau | Trent | Murray | St. Andrew's | St. Peter's | Canso | Total | Compared with 1954 | | No. |
|------------|-------|--------|--------------|-------------|--------|------------|--------------------|----------|-----|
| | | | | | | | Increase | Decrease | |
| Cargo tons | | | | | | | | | |
| — | — | — | — | — | — | 1,065,947 | — | 118,107 | 1 |
| — | — | 300 | — | — | — | 2,040 | 1,352 | — | 2 |
| 125 | — | — | 3,996 | — | 48 | 39,941 | 7,528 | — | 3 |
| — | — | — | 2 | 14 | — | 16 | 9 | — | 4 |
| — | — | — | — | — | — | — | — | — | 5 |
| 125 | — | 300 | 3,998 | 14 | 48 | 1,107,944 | — | 109,218 | 6 |
| — | 35 | — | 380 | 1,075 | 2,110 | 641,626 | — | 10,242 | 7 |
| — | 5 | — | — | — | 1,332 | 1,980,473 | 2 | 2 | 8 |
| 2 | 27 | — | 2 | — | 283 | 616,530 | n. a. | n. a. | 9 |
| — | — | — | — | — | — | 178,304 | 149,765 | — | 10 |
| 6 | — | — | 35 | — | — | 193,479 | 3 | 3 | 11 |
| — | — | — | — | 50 | — | 21,506 | n. a. | n. a. | 12 |
| — | — | — | — | — | — | 257,424 | 3 | 3 | 13 |
| — | — | — | — | — | — | 13,727 | n. a. | n. a. | 14 |
| — | — | — | — | — | — | — | — | — | 15 |
| — | — | — | 68 | — | — | 13,430 | 3,721 | — | 16 |
| 36 | — | 68 | 22 | — | — | 1,590 | n. a. | n. a. | 17 |
| — | — | — | — | — | — | 62,258 | " | " | 18 |
| — | — | — | 59 | — | — | 104,496 | " | " | 19 |
| 29 | — | — | 233 | — | — | 244,321 | 148,591 | — | 20 |
| — | — | — | — | — | — | 176,502 | — | 5,207 | 21 |
| — | — | — | — | — | — | 671,570 | — | 121,621 | 22 |
| — | — | — | — | — | 2 | 6,351 | n. a. | n. a. | 23 |
| — | — | — | — | — | — | 63,862 | 4,188 | — | 24 |
| — | — | — | 100 | 4 | — | 104 | — | 41 | 25 |
| 73 | 67 | 68 | 1,399 | 1,129 | 3,727 | 5,247,553 | 56,774 | — | 26 |
| 43 | 35 | 299 | 1,032 | 1,071 | 2,186 | 2,474,768 | — | 161,842 | 27 |
| 413 | 102 | 667 | 8,112 | 6,783 | 13,199 | 34,874,198 | 4,803,497 | — | 28 |

1. In 1954, United Kingdom vessels were included with Canadian vessels.
2. In 1954, classed as "petroleum and other oils".
3. In 1954, classed as "iron and steel, other".

TABLE 2. Total Freight Carried through Canals on Canadian, United States, United Kingdom and Other Vessels

| Transported in | | | | | | | | No. |
|------------------|---------------|-----------------------|---------------|------------------------|---------------|--------------------|---------------|-----|
| Canadian vessels | | United States vessels | | United Kingdom vessels | | Other vessels | | |
| Cargo tons | P.c. of total | Cargo tons | P.c. of total | Cargo tons | P.c. of total | Cargo tons | P.c. of total | |
| 2,102,856 | 95.5 | 89,618 | 4.1 | — | — | 8,601 | 0.4 | 1 |
| 17,386,323 | 83.2 | 2,889,497 | 13.8 | 42,076 | 0.2 | 575,176 | 2.8 | 2 |
| 10,611,595 | 92.7 | 48,636 | 0.4 | 100,670 | 0.9 | 685,719 | 6.0 | 3 |
| 206,525 | 100.0 | — | — | — | — | — | — | 4 |
| 96,980 | 99.9 | — | — | 150 | 0.1 | — | — | 5 |
| 413 | 100.0 | — | — | — | — | — | — | 6 |
| 102 | 100.0 | — | — | — | — | — | — | 7 |
| 667 | 100.0 | — | — | — | — | — | — | 8 |
| 8,112 | 100.0 | — | — | — | — | — | — | 9 |
| 6,763 | 99.9 | 20 | 0.1 | — | — | — | — | 10 |
| 11,613 | 88.0 | 213 | 1.6 | 1,373 | 10.4 | — | — | 11 |
| 30,432,449 | 81.3 | 3,027,984 | 8.7 | 144,269 | 0.4 | 1,269,496 | 3.6 | 12 |
| 17,178,105 | 15.0 | 97,368,592 | 85.0 | — | — | 8,601 ² | — | 13 |

1. Data obtained from United States Corps of Engineers preliminary report of "Interlake Traffic". Figures are subject to change.
2. Includes United Kingdom vessels.

TABLE 3. Total Freight Carried through Canals by Country of Loading and Unloading of Cargo

| Canal | From Canadian to Canadian ports | | From Canadian to United States ports | | From Canadian to United Kingdom ports | | From Canadian to other ports | | | |
|---|--|-------------------|--------------------------------------|-------------------|--|----------------|-----------------------------------|--------------------|---------------------------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | | |
| Cargo tons | | | | | | | | | | |
| Sault Ste. Marie | 481,130 | 1,063,992 | 3,330 | 390,100 | - | - | - | 1,885 | | |
| Welland Ship | 1,143,800 | 5,042,062 | 2,245,932 | 37,025 | - | 21,050 | 200 | 27,987 | | |
| St. Lawrence | 2,502,446 | 4,468,836 | 1,927,227 | 1,000 | - | 34,519 | - | 49,939 | | |
| Ottawa River | 425 | 206,100 | - | - | - | - | - | - | | |
| Richelieu River | 44,730 | 4,589 | 25,951 | 220 | - | - | - | - | | |
| Rideau | 248 | 165 | - | - | - | - | - | - | | |
| Trent | 40 | 82 | - | - | - | - | - | - | | |
| Murray | 562 | 105 | - | - | - | - | - | - | | |
| St. Andrew's | 5,679 | 2,433 | - | - | - | - | - | - | | |
| St. Peter's | 1,901 | 4,882 | - | - | - | - | - | - | | |
| Canso | 3,052 | 6,317 | - | 770 | - | - | - | - | | |
| Total Canadian canals | 4,187,013 | 10,799,543 | 4,202,440 | 429,115 | - | 55,569 | 200 | 79,811 | | |
| Sault Ste. Marie - Canadian and United States | 620,857 | 7,071,020 | 29,029 | 4,981,711 | - | - | - | 1,885 ² | | |
| Cargo tons | | | | | | | | | | |
| | From United States to United States ports | | From United States to Canadian ports | | From United States to United Kingdom ports | | From United States to other ports | | From United Kingdom to Canadian ports | |
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| Sault Ste. Marie | 67,315 | 8,378 | 159,710 | 21,678 | - | - | - | 1,088 | - | - |
| Welland Ship | 617,801 | 1,078,878 | 5,026 | 10,159,645 | - | 51,647 | - | 215,286 | 1,167 | - |
| St. Lawrence | - | 36,824 | 16,405 | 1,804,864 | - | 51,647 | - | 217,188 | 35,175 | - |
| Ottawa River | - | - | - | - | - | - | - | - | - | - |
| Richelieu River | - | - | - | 21,640 | - | - | - | - | - | - |
| Rideau | - | - | - | - | - | - | - | - | - | - |
| Trent | - | - | - | - | - | - | - | - | - | - |
| Murray | - | - | - | - | - | - | - | - | - | - |
| St. Andrew's | - | - | - | - | - | - | - | - | - | - |
| St. Peter's | - | - | - | - | - | - | - | - | - | - |
| Canso | - | - | 60 | - | - | - | - | - | - | - |
| Total Canadian canals | 685,116 | 1,124,080 | 181,201 | 12,007,827 | - | 103,294 | - | 433,562 | 36,342 | - |
| Sault Ste. Marie - Canadian and United States | 8,340,803 | 86,036,773 | 3,875,385 | 3,592,843 | - | - | - | 1,088 ² | - | - |
| Cargo tons | | | | | | | | | | |
| | From United Kingdom to United States ports | | From Other to Canadian ports | | From Other to United States ports | | Total | | | |
| | Up | Down | Up | Down | Up | Down | Up | Down | | |
| Sault Ste. Marie | - | - | - | - | 2,469 | - | 713,954 | 1,487,121 | | |
| Welland Ship | 36,804 | - | 13,897 | - | 195,365 | - | 4,259,992 | 16,633,580 | | |
| St. Lawrence | 36,600 | - | 70,275 | - | 193,675 | - | 4,781,803 | 6,664,817 | | |
| Ottawa River | - | - | - | - | - | - | 425 | 206,100 | | |
| Richelieu River | - | - | - | - | - | - | 70,681 | 26,449 | | |
| Rideau | - | - | - | - | - | - | 248 | 165 | | |
| Trent | - | - | - | - | - | - | 40 | 62 | | |
| Murray | - | - | - | - | - | - | 562 | 105 | | |
| St. Andrew's | - | - | - | - | - | - | 5,679 | 2,433 | | |
| St. Peter's | - | - | - | - | - | - | 1,901 | 4,882 | | |
| Canso | - | - | - | - | - | - | 6,112 | 7,087 | | |
| Total Canadian canals | 73,404 | - | 84,172 | - | 391,509 | - | 9,841,397 | 25,032,801 | | |
| Sault Ste. Marie - Canadian and United States | - | - | - | - | 3,904 ² | - | 12,869,978 | 101,885,320 | | |

1. Data obtained from United States Corps of Engineers preliminary report of "Interlake Traffic". Figures are subject to change.
2. "Other" includes United Kingdom.

TABLE 4. Freight Carried through Selected Canal Networks Excluding Duplications

| Canal network | Barley | Wheat | Crude petroleum | Newsprint | Pulpwood | Soft coal | Iron ore | All other freight | Total 1955 | Total 1954 |
|---|------------------|------------------|-----------------|----------------|----------------|------------------|------------------|-------------------|-------------------|--------------|
| Cargo tons of freight carried up | | | | | | | | | | |
| Ottawa river only | — | — | — | — | — | — | — | — | — | — |
| Richelieu river only | — | — | — | 25,951 | — | — | — | 44,730 | 70,681 | 84,950 |
| St. Lawrence and Ottawa | — | — | — | — | — | 425 | — | — | 425 | 445 |
| St. Lawrence, Ottawa and Richelieu ¹ | — | — | — | — | — | — | — | — | — | — |
| St. Lawrence and Richelieu ¹ | — | — | — | — | — | — | — | 16,405 | 16,405 | 10,006 |
| St. Lawrence only | — | — | 268,215 | 6,516 | 96,088 | 4,237 | 382,269 | 1,403,837 | 2,161,192 | 1,714,532 |
| St. Lawrence and Welland Ship | — | — | — | 159,355 | 342,526 | — | 1,368,298 | 648,851 | 2,519,040 | 2 |
| St. Lawrence, Welland Ship and Sault Ste. Marie | — | — | — | — | — | — | — | 85,136 | 85,166 | 2 |
| Welland Ship only | 833 | 13,677 | 4,100 | 191,834 | — | 12,014 | 219,125 | 1,082,978 | 1,524,561 | 2 |
| Welland Ship and Sault Ste. Marie | — | — | — | — | — | — | — | 131,225 | 131,225 | 2 |
| Sault Ste. Marie only | — | — | — | — | 1,435 | 122,244 | — | 373,884 | 497,563 | 2 |
| Rideau | — | — | — | — | — | — | — | 248 | 248 | 357 |
| Trent | — | — | — | — | — | — | — | 40 | 40 | 45 |
| Murray | — | — | — | — | — | — | — | 562 | 562 | 72 |
| St. Andrew's | — | — | — | — | — | — | — | 5,679 | 5,679 | 2,429 |
| St. Peter's | — | — | — | — | — | 15 | — | 1,883 | 1,901 | 1,594 |
| Canso | — | — | — | — | — | 235 | — | 5,847 | 6,112 | n. a. |
| Total | 833 | 13,677 | 272,315 | 383,666 | 440,049 | 139,230 | 1,969,692 | 3,801,338 | 7,020,800 | n. a. |
| Cargo tons of freight carried down | | | | | | | | | | |
| Ottawa river only | — | — | — | — | — | — | — | 5,400 | 5,400 | — |
| Richelieu river only | — | — | — | — | — | — | — | 10,044 | 16,014 | 14,267 |
| St. Lawrence and Ottawa | — | — | — | — | — | — | — | 200,700 | 200,700 | — |
| St. Lawrence, Ottawa and Richelieu ³ | — | — | — | — | — | — | — | — | — | 215 |
| St. Lawrence and Richelieu ³ | — | — | — | — | — | — | — | — | — | — |
| St. Lawrence only | 372,491 | 993,151 | — | 82 | — | 915,791 | — | 923,513 | 3,210,028 | 3,311,716 |
| St. Lawrence and Welland Ship | 486,320 | 1,001,535 | — | 2,887 | — | 677,542 | — | 988,085 | 3,156,369 | 2 |
| St. Lawrence, Welland Ship and Sault Ste. Marie | 23,541 | 32,697 | — | 1,960 | — | — | — | 39,522 | 97,720 | 2 |
| Welland Ship only | 659,537 | 1,612,810 | 991,652 | 1,757 | 163,906 | 4,728,256 | 2,810,484 | 2,152,182 | 13,120,584 | 2 |
| Welland Ship and Sault Ste. Marie | 64,491 | 77,490 | 8,280 | 9,958 | 3,134 | — | — | 96,570 | 259,923 | 2 |
| Sault Ste. Marie only | 84,449 | 152,657 | — | 95,130 | 113,198 | — | — | 683,028 | 1,128,452 | 2 |
| Rideau | — | — | — | — | — | 40 | — | 125 | 165 | 1,133 |
| Trent | — | — | — | — | — | — | — | 62 | 62 | 125 |
| Murray | — | — | — | — | — | — | — | 105 | 105 | 200 |
| St. Andrew's | — | — | — | — | — | 2 | — | 2,431 | 2,433 | 3,601 |
| St. Peter's | — | — | — | — | — | 326 | — | 4,556 | 4,882 | 1,637 |
| Canso | — | — | — | — | — | — | — | 7,087 | 7,087 | n. a. |
| Total | 1,690,829 | 3,870,340 | 999,832 | 111,774 | 280,238 | 6,321,957 | 2,810,484 | 5,118,410 | 21,203,964 | n. a. |

1. Down the Richelieu River canal.

2. Total for 1954 is not comparable since 1955 traffic through United States locks at Sault Ste. Marie is not considered in eliminating duplications.

3. Up the Richelieu River canal.

TABLE 5. Number of Cargo Tons Carried in Interlake Traffic¹

| From | To | | | | | | Total |
|---------------------------------|------------------------|-------------------------|------------------------|-------------------------|---------------------------|--------------------|-------------|
| | Lake Superior | Lake Michigan | Lake Huron | Lake Erie ² | Lake Ontario ³ | St. Lawrence River | |
| Lake Superior | xxx | 24,517,550 ⁴ | 2,752,101 ⁴ | 67,678,301 ⁴ | 6,394,241 | 213,860 | 101,556,053 |
| Lake Michigan | 2,198,200 ⁴ | xxx | n. a. | n. a. | 457,170 | 50,361 | n. a. |
| Lake Huron | 1,938,622 ⁴ | n. a. | xxx | " | 195,245 | 51,104 | " |
| Lake Erie ² | 8,389,481 ⁴ | " | n. a. | xxx | 6,261,493 | 2,508,040 | " |
| Lake Ontario ³ | 249,157 | 184,951 | — | 1,054,944 | xxx | 3,170,472 | 4,659,524 |
| St. Lawrence River | 100,444 | 106,174 | 11,885 | 1,772,718 | 2,058,413 | xxx | 4,049,434 |
| Total | 12,875,904 | n. a. | n. a. | n. a. | 15,366,562 | 5,993,837 | xxx |

1. "Way" traffic on the St. Lawrence and Welland Ship canals which originates and terminates within the same canal is excluded from this table.

2. Canadian data includes Canadian and United States Detroit River ports and Lake St. Clair and St. Clair River ports.

3. Canadian data includes Welland Ship Canal ports and St. Lawrence River ports to Cardinal.

4. Data obtained from United States Corps of Engineers' preliminary report of "Interlake Traffic" for 1955.

TABLE 6A. Number of Vessels by Country of Registry Up-bound through St. Lawrence Canals from Outside Points

| No. | Country of registry of vessel | Ports and countries of arrival of vessel | | | | | | |
|-----|---|---|---|-------------------------------------|---------------------------------|-----------|----------|----------|
| | | Canadian Atlantic and Pacific Coast ports including Canadian section of Richelieu River | United States Atlantic, Gulf of Mexico and Pacific Coast ports including United States section of Richelieu River | United Kingdom and Northern Ireland | British West Indies and Bermuda | Belgium | Denmark | Finland |
| 1 | Canada..... | 84 | 93 | -- | -- | -- | -- | -- |
| 2 | United States..... | 2 | 4 | -- | -- | -- | -- | -- |
| 3 | United Kingdom and Northern Ireland..... | 38 | -- | 13 | -- | 1 | -- | -- |
| 4 | British West Indies and Bermuda..... | 1 | -- | -- | -- | -- | -- | -- |
| 5 | Finland..... | -- | -- | 1 | -- | -- | 2 | 1 |
| 6 | France..... | -- | -- | -- | -- | -- | -- | -- |
| 7 | Germany..... | 2 | -- | 22 | -- | 4 | 3 | 1 |
| 8 | Netherlands..... | -- | -- | -- | -- | 8 | 1 | -- |
| 9 | Norway..... | 3 | -- | 28 | 3 | 5 | -- | 1 |
| 10 | Sweden..... | -- | -- | 4 | -- | -- | 2 | 4 |
| 11 | Other European Countries..... | -- | -- | -- | -- | -- | -- | -- |
| 12 | Other Central American and Caribbean Countries..... | -- | -- | -- | 1 | -- | -- | -- |
| 13 | South American Countries..... | -- | -- | -- | -- | -- | -- | -- |
| 14 | Total | 130 | 97 | 68 | 4 | 18 | 8 | 7 |

TABLE 6B. Number of Vessels by Country of Registry Down-bound through St. Lawrence Canals to Outside Points

| No. | Country of registry of vessel | Ports and countries of destination of vessel | | | | | | |
|-----|---|---|---|-------------------------------------|---------------------------------|-----------|-----------|-----------|
| | | Canadian Atlantic and Pacific Coast ports including Canadian section of Richelieu River | United States Atlantic, Gulf of Mexico and Pacific Coast ports including United States section of Richelieu River | United Kingdom and Northern Ireland | British West Indies and Bermuda | Belgium | Denmark | France |
| 1 | Canada..... | 46 | 3 | -- | -- | -- | -- | -- |
| 2 | United States..... | -- | 12 | -- | -- | -- | -- | -- |
| 3 | United Kingdom and Northern Ireland..... | 44 | -- | 9 | -- | -- | -- | -- |
| 4 | British West Indies and Bermuda..... | 1 | -- | -- | -- | -- | -- | -- |
| 5 | Finland..... | -- | -- | -- | -- | -- | 1 | -- |
| 6 | France..... | -- | -- | -- | -- | -- | -- | 5 |
| 7 | Germany..... | -- | -- | 23 | 1 | 15 | 6 | 24 |
| 8 | Netherlands..... | -- | -- | -- | -- | 3 | -- | 22 |
| 9 | Norway..... | -- | -- | 30 | -- | 1 | 2 | 3 |
| 10 | Sweden..... | -- | -- | 11 | -- | 1 | 1 | 10 |
| 11 | Other European Countries..... | -- | -- | -- | -- | -- | -- | -- |
| 12 | Other Central American and Caribbean Countries..... | -- | -- | -- | -- | -- | -- | -- |
| 13 | Total | 91 | 15 | 73 | 1 | 20 | 10 | 64 |

TABLE 6C. Number of Tons of Cargo Carried Up St. Lawrence Canals by Country of Registry of Vessel from Outside Points

| No. | Country of registry of vessel | Ports or countries at which cargo loaded | | | | | | |
|-----|--|---|---|-------------------------------------|---------------------------------|---------------|---------------|---------------|
| | | Canadian Atlantic and Pacific Coast ports including Canadian section of Richelieu River | United States Atlantic, Gulf of Mexico and Pacific Coast ports including United States section of Richelieu River | United Kingdom and Northern Ireland | British West Indies and Bermuda | Belgium | Denmark | Finland |
| 1 | Canada..... | 120,334 | 18,405 | -- | -- | -- | -- | -- |
| 2 | United Kingdom and Northern Ireland..... | 29,363 | -- | 15,483 | -- | -- | -- | -- |
| 3 | Finland..... | -- | -- | 193 | -- | 876 | 2,077 | 410 |
| 4 | France..... | -- | -- | -- | -- | 371 | 542 | -- |
| 5 | Germany..... | 1,502 | -- | 13,825 | -- | 6,160 | 1,021 | 4,360 |
| 6 | Netherlands..... | -- | -- | -- | -- | 9,132 | 1,052 | -- |
| 7 | Norway..... | 4,862 | -- | 35,951 | 4,504 | 6,496 | 5,166 | 1,874 |
| 8 | Sweden..... | 1,060 | -- | 6,523 | -- | -- | 1,469 | 5,984 |
| 9 | Other European Countries..... | -- | -- | -- | -- | -- | -- | -- |
| 10 | Total | 157,121 | 16,405 | 71,775 | 4,504 | 23,035 | 11,327 | 12,628 |

TABLE 6A. Number of Vessels by Country of Registry Up-bound through St. Lawrence Canals from Outside Points

| Ports and countries of arrival of vessel | | | | | | | | | Total number of vessels | | No |
|--|---------|-------------|--------|--------|--------------------------|--|--------------------------|-------------------|-------------------------|------|----|
| France | Germany | Netherlands | Norway | Sweden | Other European Countries | Central American and Caribbean Countries | South American Countries | African Countries | 1955 | 1954 | |
| — | — | — | — | — | — | — | — | — | 177 | 134 | 1 |
| — | — | — | — | — | — | — | — | — | 6 | — | 2 |
| — | — | — | — | — | — | — | — | — | 52 | 47 | 3 |
| — | — | — | — | — | — | — | — | — | 1 | — | 4 |
| — | — | — | — | 4 | — | — | — | — | 8 | — | 5 |
| 8 | 1 | — | — | — | 3 | — | — | — | 12 | 7 | 6 |
| 4 | 52 | 8 | — | 10 | 19 | 4 | — | — | 129 | 93 | 7 |
| 5 | 5 | 13 | — | — | 3 | — | — | — | 35 | 35 | 8 |
| 8 | — | 8 | 10 | 4 | 11 | — | 1 | 2 | 84 | 82 | 9 |
| — | 5 | — | — | 15 | 6 | — | — | — | 36 | 33 | 10 |
| — | 1 | — | — | — | — | 2 | — | — | 3 | — | 11 |
| — | — | — | — | — | — | — | — | — | 1 | — | 12 |
| — | — | — | — | — | — | — | 1 | — | 1 | — | 13 |
| 25 | 64 | 29 | 10 | 33 | 42 | 6 | 2 | 2 | 545 | 431 | 14 |

TABLE 6B. Number of Vessels by Country of Registry Down-bound through St. Lawrence Canals to Outside Points

| Ports and countries of destination of vessel | | | | | | | | | Total number of vessels | | No |
|--|--------|-------------|--------|--------|--------------------------|--|--------------------------|-------------------|-------------------------|------|----|
| Germany | Greece | Netherlands | Norway | Sweden | Other European Countries | Central American and Caribbean Countries | South American Countries | African Countries | 1955 | 1954 | |
| — | — | — | — | — | — | — | — | — | 49 | 49 | 1 |
| — | — | — | — | — | — | — | — | — | 12 | — | 2 |
| — | — | — | — | — | — | — | — | — | 53 | 72 | 3 |
| — | — | — | — | — | — | — | — | — | 1 | — | 4 |
| — | — | — | — | 7 | — | — | — | — | 8 | — | 5 |
| — | — | 1 | — | — | 3 | — | — | 2 | 11 | 7 | 8 |
| 15 | — | 14 | 3 | 3 | 13 | 1 | 5 | 5 | 128 | 93 | 7 |
| — | — | 6 | — | — | 1 | — | — | 2 | 34 | 33 | 8 |
| — | 4 | 5 | 12 | — | 21 | — | — | 3 | 81 | 80 | 9 |
| 1 | — | 2 | 1 | 1 | 7 | — | — | 1 | 36 | 35 | 10 |
| — | — | — | — | — | — | — | 3 | — | 3 | — | 11 |
| — | — | 1 | — | — | — | — | — | — | 1 | — | 12 |
| 16 | 4 | 29 | 16 | 11 | 45 | 1 | 8 | 13 | 417 | 369 | 13 |

TABLE 6C. Number of Tons of Cargo Carried Up St. Lawrence Canals by Country of Registry of Vessel from Outside Points

| Ports or countries at which cargo loaded | | | | | | | | | Total tons of cargo | | No |
|--|---------|-------------|--------|--------|--------------------------|--|--------------------------|-------------------|---------------------|---------|----|
| France | Germany | Netherlands | Norway | Sweden | Other European Countries | Central American and Caribbean Countries | South American Countries | African Countries | 1955 | 1954 | |
| — | — | — | — | — | — | — | — | — | 136,739 | 181,579 | 1 |
| — | — | — | — | — | — | — | — | — | 44,846 | 37,642 | 2 |
| — | — | — | — | 5,181 | — | — | — | — | 8,717 | — | 3 |
| 2,873 | 983 | 8 | — | — | 6,080 | — | — | 13 | 10,670 | 7,031 | 4 |
| 2,460 | 54,389 | 11,518 | — | 8,297 | 14,698 | 4,817 | — | 69 | 122,916 | 65,142 | 5 |
| 2,017 | 8,624 | 18,277 | — | — | 2,831 | — | — | — | 42,754 | 37,810 | 8 |
| 8,161 | 614 | 7,862 | 6,801 | 3,852 | 15,481 | — | 1,450 | — | 103,074 | 81,756 | 7 |
| 134 | 1,074 | — | — | 15,476 | 4,424 | — | — | — | 36,144 | 37,673 | 8 |
| — | 1,075 | — | — | — | — | 2,116 | — | — | 3,191 | — | 9 |
| 15,645 | 66,759 | 37,665 | 7,622 | 32,786 | 43,514 | 6,933 | 1,450 | 82 | 509,251 | 428,633 | 10 |

TABLE 6D. Number of Tons of Cargo Carried Down St. Lawrence Canals by Country of Registry of Vessel to Outside Points

| Country of registry of vessel | Port or countries at which cargo unloaded | | | | | |
|--|---|--|---------------------------------|-------------------|---------------------|----------------|
| | Canadian Atlantic and Pacific Coast Ports including Canadian Section of Richelieu River | United Kingdom and Northern Ireland | British West Indies and Bermuda | Belgium | Denmark | Finland |
| Canada | 32,051 | - | - | - | - | - |
| United Kingdom and Northern Ireland | 34,606 | 11,532 | - | - | - | - |
| British West Indies | 360 | - | - | - | - | - |
| Finland | - | - | - | - | 1,429 | - |
| France | - | - | - | - | - | - |
| Germany | - | 23,554 | 1,185 | 15,169 | 7,241 | - |
| Netherlands | - | - | - | 2,789 | - | - |
| Norway | - | 37,822 | - | 1,325 | 3,687 | - |
| Sweden | - | 13,258 | - | 1,259 | 1,110 | 443 |
| Other European Countries | - | - | - | - | - | - |
| Other Central American and Caribbean Countries | - | - | - | - | - | - |
| Total | 67,017 | 86,166 | 1,185 | 20,542 | 13,467 | 443 |
| | France | Germany | Greece | Netherlands | Norway | Sweden |
| Canada | - | - | - | - | - | - |
| United Kingdom and Northern Ireland | - | - | - | - | - | - |
| British West Indies | - | - | - | - | - | - |
| Finland | - | - | - | - | - | 8,921 |
| France | 5,354 | - | - | 1,210 | - | - |
| Germany | 26,444 | 14,356 | - | 17,036 | 2,145 | 3,600 |
| Netherlands | 25,990 | 328 | - | 10,113 | - | - |
| Norway | 3,074 | - | 5,712 | 6,863 | 14,381 | - |
| Sweden | 12,747 | 1,124 | - | 2,412 | 700 | 1,661 |
| Other European Countries | - | - | - | - | - | - |
| Other Central American and Caribbean Countries | - | - | - | 1,400 | - | - |
| Total | 73,609 | 15,808 | 5,712 | 39,034 | 17,226 | 14,182 |
| | Other European Countries | Central American and Caribbean Countries | South American Countries | African Countries | Total tons of cargo | |
| | | | | | 1955 | 1954 |
| Canada | - | - | - | - | 32,051 | 38,200 |
| United Kingdom and Northern Ireland | - | - | - | - | 46,138 | 56,291 |
| British West Indies | - | - | - | - | 360 | - |
| Finland | - | - | - | - | 10,350 | - |
| France | 3,094 | - | - | 1,242 | 10,900 | 7,467 |
| Germany | 7,662 | 1,075 | 2,840 | 5,901 | 128,208 | 102,735 |
| Netherlands | 1,070 | - | - | 1,908 | 42,198 | 43,307 |
| Norway | 26,717 | - | - | 2,589 | 102,170 | 90,454 |
| Sweden | 7,852 | - | - | 1,650 | 44,218 | 41,194 |
| Other European Countries | - | - | 2,319 | - | 2,319 | - |
| Other Central American and Caribbean Countries | - | - | - | - | 1,400 | - |
| Total | 46,395 | 1,075 | 5,159 | 13,290 | 420,310 | 379,648 |

TABLE 7. Number of Cargo Tons of Grain Down-bound through Welland Ship Canal between Canadian and United States Ports

| | Wheat | Barley | Oats | Rye | Corn | Flaxseed | Total |
|--|-------------------|-------------------|-------------------|------------------|------------------|------------------|--------------------|
| | Bushels | | | | | | |
| Canadian Grain: | | | | | | | |
| From United States Ports to Canadian Ports: | | | | | | | |
| In Canadian vessels | 380,267 | 112,000 | — | — | 87,286 | 50,286 | 629,839 |
| From Canadian Ports to United States Ports: | | | | | | | |
| In Canadian vessels | — | 186,857 | — | — | — | — | 186,857 |
| From Canadian Ports to Canadian Ports: | | | | | | | |
| In Canadian vessels | 69,271,167 | 28,695,750 | 9,260,647 | 4,250,964 | 3,676,179 | 5,377,571 | 120,532,278 |
| United States Grain: | | | | | | | |
| From United States Ports to Canadian Ports: | | | | | | | |
| In Canadian vessels | 360,667 | 119,333 | — | — | 2,468,107 | 16,679 | 2,984,786 |
| In United States vessels | 1,037,300 | — | — | — | — | — | 1,037,300 |
| From United States Ports to United States Ports: | | | | | | | |
| In Canadian vessels | — | — | — | — | — | — | — |
| In United States vessels | 7,262,233 | 3,536,792 | 1,323,000 | — | 1,073,750 | 2,534,750 | 15,730,525 |
| From Canadian Ports to Canadian Ports: | | | | | | | |
| In Canadian vessels | 85,767 | — | — | — | — | — | 85,767 |
| Total grain | 78,417,401 | 32,650,732 | 10,583,647 | 4,250,964 | 7,305,322 | 7,979,286 | 141,187,352 |
| Total Canadian grain in United States vessels | — | — | — | — | — | — | — |
| Total United States grain in Canadian vessels | 466,434 | 119,333 | — | — | 2,468,107 | 16,679 | 3,070,553 |

TABLE 8. Freight Carried through St. Lawrence Canals by Country of Origin of Cargo and by Country of Registry of Vessel

| Country of registry of vessel | Cargo of Canadian Origin | | | Cargo of United States Origin | | | |
|---|---|--------------------------------|---|--|---------------------------|-------------------------|--------------------------------|
| | Up | Down | Total | Up | Down | Total | |
| | Cargo tons | | | | | | |
| Canada | 4,285,491 | 4,429,723 | 8,715,214 | 42,942 | 1,790,000 | 1,832,942 | |
| United States | 10,782 | — | 10,782 | 1,000 | 36,854 | 37,854 | |
| United Kingdom and Northern Ireland | 29,363 | 55,144 | 84,507 | — | 680 | 680 | |
| Other | 11,173 | 77,555 | 88,728 | 1,475 | 271,316 | 272,793 | |
| Total | 4,336,809 | 4,562,422 | 8,899,231 | 45,417 | 2,098,852 | 2,144,269 | |
| | Cargo of United Kingdom and Northern Ireland Origin | | Cargo of British West Indies and Bermuda Origin | Cargo of Other British Commonwealth Origin | Cargo of Belgian Origin | Cargo of Danish Origin | Cargo of Finnish Origin |
| | Up | Down | Total | | | | |
| | Cargo tons | | | | | | |
| Canada | 4,191 | — | 4,191 | 1,400 | 2,258 | — | — |
| United States | — | — | — | — | — | — | — |
| United Kingdom and Northern Ireland | 15,483 | — | 15,483 | — | — | — | — |
| Other | 56,292 | 3,443 | 59,735 | 4,504 | 1,450 | 22,035 | 11,323 |
| Total | 75,966 | 3,443 | 79,409 | 5,904 | 1,450 | 24,293 | 11,323 |
| | Cargo of French Origin | Cargo of German Origin | Cargo of Greek Origin | Cargo of Netherlands Origin | Cargo of Norwegian Origin | Cargo of Swedish Origin | Cargo of Other European Origin |
| | Cargo tons | | | | | | |
| Canada | — | 720 | 2,800 | — | — | — | 4,400 |
| United States | — | — | — | — | — | — | — |
| United Kingdom and Northern Ireland | — | — | — | — | — | — | — |
| Other | 15,645 | 67,759 | — | 37,665 | 7,622 | 32,790 | 43,514 |
| Total | 15,645 | 68,479 | 2,800 | 37,665 | 7,622 | 32,790 | 47,914 |
| | Cargo of Central American and Caribbean Origin | Cargo of South American Origin | Cargo of Asian Origin | Cargo of African Origin | Total Cargo | | Grand Total |
| | | | | | Up | Down | |
| | Cargo tons | | | | | | |
| Canada | — | 4,542 | 5,347 | 37,781 | 4,391,872 | 6,219,723 | 10,611,595 |
| United States | — | — | — | — | 11,782 | 36,854 | 48,636 |
| United Kingdom and Northern Ireland | — | — | — | — | 44,846 | 55,824 | 100,670 |
| Other | 5,896 | 1,450 | — | 82 | 333,303 | 352,416 | 885,719 |
| Total | 5,896 | 5,992 | 5,347 | 37,863 | 4,781,803 | 6,664,817 | 11,446,620 |

TABLE 9. Freight Carried through Welland Ship Canal by Country of Origin of Cargo and by Country of Registry of Vessel

| No. | Country of registry of vessel | Cargo of Canadian origin | | | Cargo of United States origin | | | Cargo of United Kingdom and Northern Ireland origin | | | Cargo of British West Indies and Bermuda origin | Cargo of Belgian origin | Cargo of Danish origin |
|------------|---|--------------------------|------------------|------------------|-------------------------------|-------------------|-------------------|---|--------------|---------------|---|-------------------------|------------------------|
| | | Up | Down | Total | Up | Down | Total | Up | Down | Total | | | |
| Cargo tons | | | | | | | | | | | | | |
| 1 | Canada..... | 3,241,633 | 5,462,734 | 8,704,367 | 6,559 | 8,638,113 | 8,644,672 | - | - | - | - | 2,258 | - |
| 2 | United States | 47,526 | - | 47,526 | 640,144 | 2,201,827 | 2,841,971 | - | - | - | - | - | - |
| 3 | United Kingdom and Northern Ireland | 25,573 | 14,263 | 39,836 | - | 2,240 | 2,240 | - | - | - | - | - | - |
| 4 | Other | 11,959 | 40,087 | 52,046 | 1,850 | 270,873 | 272,723 | 37,975 | 3,443 | 41,418 | 3,024 | 18,387 | 10,519 |
| 5 | Total | 3,326,691 | 5,517,084 | 8,843,775 | 648,553 | 11,113,053 | 11,761,606 | 37,975 | 3,443 | 41,418 | 3,024 | 20,645 | 10,519 |

TABLE 10. Freight Carried through Sault Ste. Marie Canal by Country of Origin of Cargo and by Country of Registry of Vessel

| No. | Country of registry of vessel | Cargo of Canadian origin | | |
|------------|-------------------------------|--------------------------|------------------|------------------|
| | | Up | Down | Total |
| Cargo tons | | | | |
| 1 | Canada..... | 484,730 | 1,445,183 | 1,929,913 |
| 2 | United States | 895 | 13,525 | 14,420 |
| 3 | Other | 1,435 | 2,535 | 3,970 |
| 4 | Total | 487,060 | 1,461,243 | 1,948,303 |

TABLE 11A. Number and Registered Net Tonnage of Vessels Using Sault Ste. Marie Canal by Origin and Destination of Vessel, Country of Registry and Rig

| No. | | Canada to Canada | | Canada to United States | | Canada to United Kingdom | | Canada to Other | | United States to United States | | United States to Canada | | United States to United Kingdom | |
|-------------------------|--------------------|------------------|------------------|-------------------------|----------------|--------------------------|----------|-----------------|--------------|--------------------------------|----------------|-------------------------|---------------|---------------------------------|----------|
| | | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| Number of vessels | | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | | |
| 1 | Steam | 658 | 534 | 2 | 113 | - | - | - | - | 2 | - | 183 | 9 | - | - |
| 2 | Motor | 672 | 688 | - | 54 | - | - | - | - | 1 | - | 63 | 1 | - | - |
| 3 | Unrigged | 166 | 164 | - | 24 | - | - | - | - | - | - | 19 | - | - | - |
| 4 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United States vessels: | | | | | | | | | | | | | | | |
| 5 | Steam | - | - | 1 | 21 | - | - | - | - | 66 | 62 | 13 | - | - | - |
| 6 | Motor | 2 | - | 8 | 7 | - | - | - | - | 658 | 668 | 8 | 3 | - | - |
| 7 | Unrigged | - | - | - | 4 | - | - | - | - | 6 | 9 | 5 | - | - | - |
| 8 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Kingdom vessels: | | | | | | | | | | | | | | | |
| 9 | Steam | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | Motor | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other foreign vessels: | | | | | | | | | | | | | | | |
| 13 | Steam | - | - | - | 1 | - | - | - | 1 | - | - | 2 | - | - | - |
| 14 | Motor | - | - | 1 | - | - | - | - | 1 | 1 | 3 | 1 | 1 | - | - |
| 15 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 | Total | 1,498 | 1,386 | 10 | 224 | - | - | - | 2 | 734 | 742 | 294 | 14 | - | - |
| Registered net tonnage | | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | | |
| 18 | Steam | 1,301,409 | 878,627 | 8,057 | 209,597 | - | - | - | - | 3,344 | - | 363,532 | 12,251 | - | - |
| 19 | Motor | 88,774 | 77,338 | - | 90,435 | - | - | - | - | 44 | - | 104,267 | 27 | - | - |
| 20 | Unrigged | 104,080 | 82,273 | - | 45,580 | - | - | - | - | - | - | 46,290 | - | - | - |
| 21 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United States vessels: | | | | | | | | | | | | | | | |
| 22 | Steam | - | - | 4,227 | 47,443 | - | - | - | - | 287,161 | 178,778 | 36,895 | - | - | - |
| 23 | Motor | 18 | - | 522 | 609 | - | - | - | - | 50,827 | 56,896 | 526 | 261 | - | - |
| 24 | Unrigged | - | - | - | 10,508 | - | - | - | - | 2,629 | 3,867 | 9,472 | - | - | - |
| 25 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Kingdom vessels: | | | | | | | | | | | | | | | |
| 26 | Steam | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | Motor | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other foreign vessels: | | | | | | | | | | | | | | | |
| 30 | Steam | - | - | - | 727 | - | - | - | 715 | - | - | 1,442 | - | - | - |
| 31 | Motor | - | - | 780 | - | - | - | - | 726 | 504 | 3,161 | 726 | 749 | - | - |
| 32 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | Total | 1,494,281 | 1,038,238 | 13,586 | 404,899 | - | - | - | 1,441 | 344,509 | 242,702 | 563,150 | 13,288 | - | - |

TABLE 9. Freight Carried through Welland Ship Canal by Country of Origin of Cargo and by Country of Registry of Vessel

| Cargo of Finnish origin | Cargo of French origin | Cargo of German origin | Cargo of Netherlands origin | Cargo of Norwegian origin | Cargo of Swedish origin | Cargo of other European origin | Cargo of Central American and Caribbean origin | Cargo of South American origin | Cargo of Asian origin | Cargo of African origin | Total cargo | | Grand total | No. |
|-------------------------|------------------------|------------------------|-----------------------------|---------------------------|-------------------------|--------------------------------|--|--------------------------------|-----------------------|-------------------------|-------------|------------|-------------|-----|
| | | | | | | | | | | | Up | Down | | |
| Cargo tons | | | | | | | | | | | | | | |
| - | - | - | - | - | 59 | 4,400 | - | 6,924 | 5,347 | 18,796 | 3,285,976 | 14,100,847 | 17,386,823 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | 687,670 | 2,201,827 | 2,889,497 | 2 |
| - | - | - | - | - | - | - | - | - | - | - | 25,573 | 16,503 | 42,076 | 3 |
| 10,427 | 12,411 | 49,659 | 31,653 | 6,324 | 32,563 | 25,370 | 5,683 | 2,900 | - | 69 | 260,773 | 314,403 | 575,176 | 4 |
| 10,427 | 12,411 | 49,659 | 31,653 | 6,324 | 32,622 | 29,770 | 5,683 | 9,824 | 5,347 | 18,865 | 4,259,992 | 16,633,580 | 20,893,572 | 5 |

TABLE 10. Freight Carried through Sault Ste. Marie Canal by Country of Origin of Cargo and by Country of Registry of Vessel

| Cargo of United States origin | | | Cargo of Swedish origin | | | Total cargo | | Grand total | No. |
|-------------------------------|--------|---------|-------------------------|------|-------|-------------|-----------|-------------|-----|
| Up | Down | Total | Up | Down | Total | Up | Down | | |
| Cargo tons | | | | | | | | | |
| 156,971 | 15,972 | 172,943 | - | - | - | 641,701 | 1,461,155 | 2,102,856 | 1 |
| 87,315 | 7,883 | 95,198 | - | - | - | 68,210 | 21,408 | 89,618 | 2 |
| 139 | 2,023 | 2,162 | 2,469 | - | 2,469 | 4,043 | 4,558 | 8,601 | 3 |
| 224,425 | 25,878 | 250,303 | 2,469 | - | 2,469 | 713,954 | 1,487,121 | 2,201,075 | 4 |

TABLE 11A. Number and Registered Net Tonnage of Vessels Using Sault Ste. Marie Canal by Origin and Destination of Vessel, Country of Registry and Rig

| United States to Other | | United Kingdom to Canada | | United Kingdom to United States | | Other to Canada | | Other to United States | | Total | | Grand total | | Compared with 1954 | | No. |
|------------------------|------|--------------------------|------|---------------------------------|------|-----------------|------|------------------------|------|-----------|-----------|-------------|-----------|--------------------|----------|-----|
| Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease | |
| Number of vessels | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 845 | 656 | 1,501 | n.a. | - | - | 1 |
| - | - | - | - | - | - | - | - | - | - | 736 | 743 | 1,479 | " | - | - | 2 |
| - | - | - | - | - | - | - | - | - | - | 185 | 188 | 373 | " | - | - | 3 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 4 |
| - | - | - | - | - | - | - | - | - | - | 80 | 83 | 163 | " | - | - | 5 |
| - | - | - | - | - | - | - | - | - | - | 674 | 678 | 1,352 | " | - | - | 6 |
| - | - | - | - | - | - | - | - | - | - | 11 | 13 | 24 | " | - | - | 7 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 8 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 9 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 10 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 11 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 12 |
| - | - | - | - | - | - | - | - | - | - | 2 | 2 | 4 | " | - | - | 13 |
| - | 1 | - | - | - | - | - | - | 3 | - | 6 | 6 | 12 | " | - | - | 14 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 15 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 16 |
| - | 1 | - | - | - | - | - | - | 3 | - | 2,539 | 2,369 | 4,908 | 4,349 | 559 | - | 17 |
| Registered net tonnage | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 1,676,342 | 1,100,475 | 2,776,817 | n.a. | - | - | 18 |
| - | - | - | - | - | - | - | - | - | - | 193,085 | 167,800 | 360,885 | " | - | - | 19 |
| - | - | - | - | - | - | - | - | - | - | 150,370 | 127,853 | 278,223 | " | - | - | 20 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 21 |
| - | - | - | - | - | - | - | - | - | - | 328,283 | 226,221 | 554,504 | " | - | - | 22 |
| - | - | - | - | - | - | - | - | - | - | 51,893 | 57,766 | 109,659 | " | - | - | 23 |
| - | - | - | - | - | - | - | - | - | - | 12,101 | 14,375 | 26,476 | " | - | - | 24 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 25 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 26 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 27 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 28 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 29 |
| - | - | - | - | - | - | - | - | - | - | 1,442 | 1,442 | 2,884 | " | - | - | 30 |
| - | 504 | - | - | - | - | - | - | 3,160 | - | 5,170 | 5,140 | 10,310 | " | - | - | 31 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 32 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 33 |
| - | 504 | - | - | - | - | - | - | 3,160 | - | 2,418,686 | 1,701,072 | 4,119,758 | 4,093,911 | 25,847 | - | 34 |

TABLE 11B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Origin and Destination of Vessel, Country of Registry and Rig

| No. | | Canada to Canada | | Canada to United States | | Canada to United Kingdom | | Canada to Other | | United States to United States | | United States to Canada | | United States to United Kingdom | |
|-------------------------|--------------------|--------------------|--------------------|-------------------------|----------------|--------------------------|----------------|-----------------|----------------|--------------------------------|-----------------|-------------------------|--------------------|---------------------------------|----------------|
| | | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| Number of vessels | | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | | |
| 1 | Steam | 1, 171 | 1, 454 | 1, 576 | 28 | — | — | — | — | 2 | 30 | 2 | 1, 241 | — | — |
| 2 | Motor | 228 | 282 | 242 | 18 | — | — | — | — | 3 | 7 | 7 | 144 | — | 1 |
| 3 | Unrigged | 24 | 37 | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | Other | 2 | 1 | 2 | — | — | — | — | — | — | — | — | 1 | — | — |
| United States vessels: | | | | | | | | | | | | | | | |
| 5 | Steam | 4 | — | 161 | — | — | — | — | — | 74 | 69 | — | 169 | — | — |
| 6 | Motor | 2 | 2 | 68 | 5 | — | — | — | — | 422 | 429 | 3 | 37 | — | — |
| 7 | Unrigged | 2 | 2 | 52 | 3 | — | — | — | — | 294 | 299 | 4 | 29 | — | — |
| 8 | Other | — | — | 4 | — | — | — | — | — | 4 | 6 | — | 3 | — | — |
| United Kingdom vessels: | | | | | | | | | | | | | | | |
| 9 | Steam | 5 | 2 | 3 | — | — | 1 | — | — | — | — | — | 2 | — | — |
| 10 | Motor | 3 | 3 | 16 | — | — | 7 | — | — | — | — | — | 16 | — | 2 |
| 11 | Unrigged | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | Other | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other foreign vessels: | | | | | | | | | | | | | | | |
| 13 | Steam | 1 | 1 | 9 | — | — | 1 | — | 4 | — | — | — | 5 | — | 4 |
| 14 | Motor | 11 | 3 | 7 | — | — | 15 | — | 23 | 1 | — | — | 9 | — | 38 |
| 15 | Unrigged | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | Other | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | Total | 1, 453 | 1, 787 | 2, 140 | 54 | — | 24 | — | 27 | 800 | 840 | 18 | 1, 656 | — | 45 |
| Registered net tonnage | | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | | |
| 18 | Steam | 2, 233, 020 | 2, 727, 421 | 4, 696, 355 | 37, 814 | — | — | — | — | 6, 330 | 41, 564 | 2, 932 | 4, 326, 251 | — | — |
| 19 | Motor | 269, 696 | 341, 090 | 521, 472 | 24, 376 | — | — | — | — | 3, 998 | 11, 429 | 8, 776 | 195, 051 | — | 335 |
| 20 | Unrigged | 6, 763 | 12, 640 | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | Other | 11 | 217 | 20 | — | — | — | — | — | — | — | — | 10 | — | — |
| United States vessels: | | | | | | | | | | | | | | | |
| 22 | Steam | 15, 530 | — | 681, 956 | — | — | — | — | — | 285, 125 | 268, 466 | — | 686, 545 | — | — |
| 23 | Motor | 184 | 223 | 8, 045 | 458 | — | — | — | — | 121, 423 | 124, 345 | 198 | 4, 285 | — | — |
| 24 | Unrigged | 1, 304 | 5, 531 | 59, 547 | 3, 230 | — | — | — | — | 359, 560 | 357, 719 | 4, 047 | 40, 160 | — | — |
| 25 | Other | — | — | 27 | — | — | — | — | — | 2, 483 | 4, 681 | — | 26 | — | — |
| United Kingdom vessels: | | | | | | | | | | | | | | | |
| 26 | Steam | 3, 459 | 1, 475 | 2, 364 | — | — | 664 | — | — | — | — | — | 1, 536 | — | — |
| 27 | Motor | 1, 620 | 1, 647 | 10, 981 | — | — | 4, 820 | — | — | — | — | — | 11, 412 | — | 1, 414 |
| 28 | Unrigged | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | Other | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other foreign vessels: | | | | | | | | | | | | | | | |
| 30 | Steam | 703 | 703 | 7, 477 | — | — | 698 | — | 2, 876 | — | — | — | 3, 611 | — | 2, 822 |
| 31 | Motor | 5, 133 | 1, 885 | 4, 047 | — | — | 6, 415 | — | 20, 841 | 1, 028 | — | — | 8, 607 | — | 33, 152 |
| 32 | Unrigged | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 33 | Other | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 34 | Total | 2, 537, 423 | 3, 092, 832 | 5, 892, 291 | 65, 878 | — | 12, 597 | — | 23, 717 | 779, 947 | 808, 204 | 15, 953 | 5, 277, 524 | — | 37, 723 |

TABLE 11B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Origin and Destination of Vessel, Country of Registry and Rig

| United States to Other | | United Kingdom to Canada | | United Kingdom to United States | | Other to Canada | | Other to United States | | Total | | Grand total | | Compared with 1954 | | No. |
|------------------------|---------|--------------------------|------|---------------------------------|------|-----------------|------|------------------------|------|-----------|-----------|-------------|------------|--------------------|----------|-----|
| Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease | |
| Number of vessels | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 2,751 | 2,753 | 5,504 | n. a. | - | - | 1 |
| - | 1 | - | - | - | - | - | - | 1 | - | 481 | 453 | 934 | " | - | - | 2 |
| - | - | - | - | - | - | - | - | - | - | 24 | 37 | 61 | " | - | - | 3 |
| - | - | - | - | - | - | - | - | - | - | 4 | 2 | 6 | " | - | - | 4 |
| - | - | - | - | - | - | - | - | - | - | 239 | 238 | 477 | " | - | - | 5 |
| - | - | - | - | - | - | - | - | - | - | 495 | 473 | 968 | " | - | - | 6 |
| - | - | - | - | - | - | - | - | - | - | 352 | 333 | 685 | " | - | - | 7 |
| - | - | - | - | - | - | - | - | - | - | 8 | 9 | 17 | " | - | - | 8 |
| - | - | 2 | - | - | - | - | - | - | - | 10 | 5 | 15 | " | - | - | 9 |
| - | - | 2 | - | - | - | - | - | - | - | 21 | 28 | 49 | " | - | - | 10 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 11 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 12 |
| - | 37 | - | - | 7 | - | 3 | - | 42 | - | 62 | 52 | 114 | " | - | - | 13 |
| - | 166 | 3 | - | 33 | - | 6 | - | 189 | - | 250 | 254 | 504 | " | - | - | 14 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 15 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 16 |
| - | 204 | 7 | - | 40 | - | 9 | - | 232 | - | 4,697 | 4,637 | 9,334 | 8,479 | 855 | - | 17 |
| Registered net tonnage | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 8,938,637 | 7,133,060 | 14,071,697 | n. a. | - | - | 18 |
| - | 1,164 | - | - | - | - | - | - | 1,142 | - | 805,084 | 573,445 | 1,378,529 | " | - | - | 19 |
| - | - | - | - | - | - | - | - | - | - | 6,763 | 12,640 | 19,403 | " | - | - | 20 |
| - | - | - | - | - | - | - | - | - | - | 31 | 227 | 258 | " | - | - | 21 |
| - | - | - | - | - | - | - | - | - | - | 982,611 | 955,011 | 1,937,622 | " | - | - | 22 |
| - | - | - | - | - | - | - | - | - | - | 129,850 | 129,311 | 259,161 | " | - | - | 23 |
| - | - | - | - | - | - | - | - | - | - | 424,458 | 406,660 | 831,118 | " | - | - | 24 |
| - | - | - | - | - | - | - | - | - | - | 2,510 | 4,707 | 7,217 | " | - | - | 25 |
| - | - | 1,328 | - | - | - | - | - | - | - | 7,151 | 3,675 | 10,826 | " | - | - | 26 |
| - | - | 1,328 | - | - | - | - | - | - | - | 13,929 | 19,293 | 33,222 | " | - | - | 27 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 28 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 29 |
| - | 30,102 | - | - | 5,637 | - | 2,099 | - | 32,482 | - | 48,398 | 40,812 | 89,210 | " | - | - | 30 |
| - | 139,839 | 1,073 | - | 27,685 | - | 4,521 | - | 167,128 | - | 210,615 | 210,739 | 421,354 | " | - | - | 31 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 32 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 33 |
| - | 171,105 | 3,729 | - | 33,322 | - | 6,620 | - | 200,752 | - | 9,570,037 | 9,489,580 | 19,059,617 | 16,747,693 | 2,311,924 | - | 34 |

TABLE 11C. Number and Registered Net Tonnage of Vessels Using St. Lawrence Canals by Origin and Destination of Vessel, Country of Registry and Rig

| No. | | Canada to Canada | | Canada to United States | | Canada to United Kingdom | | Canada to Other | | United States to United States | | United States to Canada | | United States to United Kingdom | |
|-------------------------|--------------------|------------------|------------------|-------------------------|--------------|--------------------------|---------------|-----------------|---------------|--------------------------------|---------------|-------------------------|----------------|---------------------------------|---------------|
| | | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| Number of vessels | | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | | |
| 1 | Steam | 1,762 | 2,140 | 844 | 1 | - | - | - | - | 14 | - | 13 | 626 | - | - |
| 2 | Motor | 1,412 | 1,629 | 185 | 3 | - | - | - | - | 6 | - | 94 | 126 | - | - |
| 3 | Unrigged | 309 | 319 | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 4 | Other | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| United States vessels: | | | | | | | | | | | | | | | |
| 5 | Steam | - | - | 1 | - | - | - | - | - | 3 | 3 | - | 1 | - | - |
| 6 | Motor | 5 | 3 | 16 | 6 | - | - | - | - | 21 | 25 | 3 | 10 | - | - |
| 7 | Unrigged | 2 | - | 7 | - | - | - | - | - | 19 | 20 | - | 6 | - | - |
| 8 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Kingdom vessels: | | | | | | | | | | | | | | | |
| 9 | Steam | 4 | 9 | 1 | - | - | 1 | - | - | - | - | - | - | - | - |
| 10 | Motor | 24 | 39 | 15 | - | - | 6 | - | - | - | - | - | 7 | - | 2 |
| 11 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other foreign vessels: | | | | | | | | | | | | | | | |
| 13 | Steam | 1 | 2 | 3 | - | - | 1 | - | 5 | - | - | - | 3 | - | 4 |
| 14 | Motor | 4 | 3 | 3 | - | - | 20 | - | 27 | - | - | - | 5 | - | 39 |
| 15 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 | Total | 3,523 | 4,145 | 1,076 | 10 | - | 28 | - | 32 | 63 | 48 | 110 | 784 | - | 45 |
| Registered net tonnage | | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | | |
| 18 | Steam | 1,971,897 | 2,440,184 | 995,641 | 742 | - | - | - | - | 16,154 | - | 10,863 | 730,715 | - | - |
| 19 | Motor | 656,997 | 808,394 | 260,211 | 67 | - | - | - | - | 8,213 | - | 23,710 | 184,513 | - | - |
| 20 | Unrigged | 127,959 | 132,218 | 69 | - | - | - | - | - | - | - | - | - | - | - |
| 21 | Other | - | 488 | - | - | - | - | - | - | - | - | - | - | - | - |
| United States vessels: | | | | | | | | | | | | | | | |
| 22 | Steam | - | - | 653 | - | - | - | - | - | 628 | 492 | - | 653 | - | - |
| 23 | Motor | 95 | 850 | 3,517 | 208 | - | - | - | - | 2,857 | 4,325 | 22 | 2,120 | - | - |
| 24 | Unrigged | 1,333 | - | 2,696 | - | - | - | - | - | 22,356 | 22,124 | - | 4,153 | - | - |
| 25 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Kingdom vessels: | | | | | | | | | | | | | | | |
| 26 | Steam | 1,940 | 7,712 | 768 | - | - | 664 | - | - | - | - | - | - | - | - |
| 27 | Motor | 15,905 | 27,984 | 11,078 | - | - | 4,113 | - | - | - | - | - | 5,856 | - | 1,414 |
| 28 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other foreign vessels: | | | | | | | | | | | | | | | |
| 30 | Steam | 698 | 1,048 | 2,803 | - | - | 698 | - | 4,170 | - | - | - | 2,109 | - | 2,822 |
| 31 | Motor | 2,116 | 2,142 | 1,893 | - | - | 10,901 | - | 23,790 | - | - | - | 4,039 | - | 33,424 |
| 32 | Unrigged | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | Other | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | Total | 2,778,940 | 3,421,020 | 1,279,329 | 1,017 | - | 16,376 | - | 27,960 | 50,208 | 26,941 | 34,595 | 934,158 | - | 37,660 |

TABLE 11C. Number and Registered Net Tonnage of Vessels Using St. Lawrence Canals by Origin and Destination of Vessel, Country of Registry and Rig

| United States to Other | | United Kingdom to Canada | | United Kingdom to United States | | Other to Canada | | Other to United States | | Total | | Grand total | | Compared with 1954 | | No. |
|------------------------|---------|--------------------------|------|---------------------------------|------|-----------------|------|------------------------|------|-----------|-----------|-------------|-----------|--------------------|----------|-----|
| Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease | |
| Number of vessels | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 2,633 | 2,767 | 5,400 | n.a. | - | - | 1 |
| - | - | - | - | - | - | - | - | - | - | 1,697 | 1,758 | 3,455 | " | - | - | 2 |
| - | - | - | - | - | - | - | - | - | - | 310 | 319 | 629 | " | - | - | 3 |
| - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | " | - | - | 4 |
| - | - | - | - | - | - | - | - | - | - | 4 | 4 | 8 | " | - | - | 5 |
| - | - | - | - | - | - | - | - | - | - | 45 | 44 | 89 | " | - | - | 6 |
| - | - | - | - | - | - | - | - | - | - | 28 | 26 | 54 | " | - | - | 7 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 8 |
| - | - | 5 | - | - | - | - | - | - | - | 10 | 10 | 20 | " | - | - | 9 |
| - | - | 8 | - | - | - | 1 | - | - | - | 48 | 54 | 102 | " | - | - | 10 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 11 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 12 |
| - | 36 | 1 | - | 7 | - | 4 | - | 40 | - | 56 | 51 | 107 | " | - | - | 13 |
| - | 170 | 15 | - | 32 | - | 11 | - | 194 | - | 259 | 264 | 523 | " | - | - | 14 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 15 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 16 |
| - | 206 | 29 | - | 39 | - | 16 | - | 234 | - | 5,090 | 5,298 | 10,388 | 9,449 | 939 | - | 17 |
| Registered net tonnage | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 2,994,555 | 3,171,641 | 6,166,196 | n.a. | - | - | 18 |
| - | - | - | - | - | - | - | - | - | - | 949,131 | 992,974 | 1,942,105 | " | - | - | 19 |
| - | - | - | - | - | - | - | - | - | - | 128,028 | 132,218 | 260,246 | " | - | - | 20 |
| - | - | - | - | - | - | - | - | - | - | - | 488 | 488 | " | - | - | 21 |
| - | - | - | - | - | - | - | - | - | - | 1,281 | 1,145 | 2,426 | " | - | - | 22 |
| - | - | - | - | - | - | - | - | - | - | 6,491 | 7,503 | 13,994 | " | - | - | 23 |
| - | - | - | - | - | - | - | - | - | - | 26,385 | 26,277 | 52,662 | " | - | - | 24 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 25 |
| - | - | 3,449 | - | - | - | - | - | - | - | 6,157 | 8,376 | 14,533 | " | - | - | 26 |
| - | - | 5,581 | - | - | - | 890 | - | - | - | 33,454 | 39,367 | 72,821 | " | - | - | 27 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 28 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 29 |
| - | 29,718 | 891 | - | 5,637 | - | 3,886 | - | 31,213 | - | 45,128 | 40,565 | 85,693 | " | - | - | 30 |
| - | 143,830 | 7,215 | - | 27,350 | - | 8,387 | - | 170,236 | - | 217,197 | 218,126 | 435,323 | " | - | - | 31 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 32 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | " | - | - | 33 |
| - | 173,548 | 17,136 | - | 32,987 | - | 13,163 | - | 201,449 | - | 4,407,807 | 4,638,680 | 9,046,487 | 8,173,908 | 872,579 | - | 34 |

TABLE 11D. Number and Registered Net Tonnage of Vessels Using Smaller Canals by Origin and Destination of Vessel, Country of Registry and Rig

| | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|-----------------------------------|------------------|----------------|-------------------------|------------|--------------------------------|----------|-------------------------|---------------|----------------|----------------|----------------|----------------|--------------------|-----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Number of vessels | | | | | | | | | | | | | | |
| Ottawa river canals: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Motor | 241 | 239 | - | - | - | - | - | - | 241 | 239 | 480 | n.a. | - | - |
| Unrigged | 235 | 236 | - | - | - | - | - | - | 235 | 236 | 471 | " | - | - |
| United States vessels, motor | 1 | - | - | - | - | - | - | - | 1 | - | 1 | " | - | - |
| Total | 477 | 475 | - | - | - | - | - | - | 477 | 475 | 952 | 926 | 26 | - |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Motor | 8,163 | 8,128 | - | - | - | - | - | - | 8,163 | 8,128 | 16,291 | n.a. | - | - |
| Unrigged | 109,506 | 109,827 | - | - | - | - | - | - | 109,506 | 109,827 | 219,333 | " | - | - |
| United States vessels, motor | 30 | - | - | - | - | - | - | - | 30 | - | 30 | " | - | - |
| Total | 117,699 | 117,955 | - | - | - | - | - | - | 117,699 | 117,955 | 235,654 | 223,340 | 12,314 | - |
| Number of vessels | | | | | | | | | | | | | | |
| Richelieu river canal: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 42 | 43 | 1 | - | - | - | - | - | 43 | 43 | 86 | n.a. | - | - |
| Motor | 61 | 64 | 134 | 2 | - | - | - | 130 | 195 | 196 | 391 | " | - | - |
| Unrigged | 94 | 87 | - | - | - | - | - | - | 94 | 87 | 181 | " | - | - |
| Other | 4 | 2 | - | - | - | - | - | - | 4 | 2 | 6 | " | - | - |
| United States vessels, motor | - | 8 | 16 | - | 2 | - | - | 10 | 18 | 18 | 36 | " | - | - |
| United Kingdom vessels, motor | - | - | - | - | - | - | - | 1 | - | 1 | 1 | " | - | - |
| Total | 201 | 204 | 151 | 2 | 2 | - | - | 141 | 354 | 347 | 701 | 709 | - | - |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 1,165 | 1,164 | 193 | - | - | - | - | - | 1,358 | 1,164 | 2,522 | n.a. | - | - |
| Motor | 3,508 | 3,193 | 24,099 | 152 | - | - | - | 24,100 | 27,607 | 27,445 | 55,052 | " | - | - |
| Unrigged | 20,683 | 20,463 | - | - | - | - | - | - | 20,683 | 20,463 | 41,146 | " | - | - |
| Other | 80 | 40 | - | - | - | - | - | - | 80 | 40 | 120 | " | - | - |
| United States vessels, motor | - | 124 | 491 | - | 22 | - | - | 340 | 513 | 464 | 977 | " | - | - |
| United Kingdom vessels, motor | - | - | - | - | - | - | - | 191 | - | 191 | 191 | " | - | - |
| Total | 25,436 | 24,984 | 24,783 | 152 | 22 | - | - | 24,631 | 50,241 | 49,767 | 100,008 | 111,563 | - | - |
| Number of vessels | | | | | | | | | | | | | | |
| Rideau canal: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 12 | 10 | - | - | - | - | - | - | 12 | 10 | 22 | n.a. | - | - |
| Motor | 33 | 31 | - | - | - | - | - | - | 33 | 31 | 64 | " | - | - |
| Unrigged | 15 | 15 | - | - | - | - | - | - | 15 | 15 | 30 | " | - | - |
| United States vessels, motor | 11 | 9 | - | - | - | - | - | - | 11 | 9 | 20 | " | - | - |
| United Kingdom vessels, motor | 1 | 1 | - | - | - | - | - | - | 1 | 1 | 2 | " | - | - |
| Total | 72 | 66 | - | - | - | - | - | - | 72 | 66 | 138 | 180 | - | 42 |

TABLE 11D. Number and Registered Net Tonnage of Vessels Using Smaller Canals by Origin and Destination of Vessel, Country of Registry and Rig - Continued

| | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|------------------------------------|------------------|--------------|-------------------------|-----------|--------------------------------|----------|-------------------------|----------|---------------|--------------|---------------|---------------|--------------------|---------------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 571 | 300 | - | - | - | - | - | - | 571 | 300 | 871 | n.a. | - | - |
| Motor | 592 | 608 | - | - | - | - | - | - | 592 | 608 | 1,200 | " | - | - |
| Unrigged | 955 | 1,117 | - | - | - | - | - | - | 955 | 1,117 | 2,072 | " | - | - |
| United States vessels, motor | 166 | 131 | - | - | - | - | - | - | 166 | 131 | 297 | " | - | - |
| United Kingdom vessels, motor .. | 24 | 24 | - | - | - | - | - | - | 24 | 24 | 48 | " | - | - |
| Total | 2,308 | 2,180 | - | - | - | - | - | - | 2,308 | 2,180 | 4,488 | 7,737 | - | 3,249 |
| Number of vessels | | | | | | | | | | | | | | |
| Trent canal: | | | | | | | | | | | | | | |
| Canadian vessels, motor | 15 | 19 | - | - | - | - | - | - | 15 | 19 | 34 | n.a. | - | - |
| United States vessels, motor | 15 | 16 | - | 1 | - | - | - | - | 15 | 17 | 32 | " | - | - |
| Total | 30 | 35 | - | 1 | - | - | - | - | 30 | 36 | 66 | 130 | - | 64 |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels, motor | 200 | 261 | - | - | - | - | - | - | 200 | 261 | 461 | n.a. | - | - |
| United States vessels, motor | 255 | 265 | - | 35 | - | - | - | - | 255 | 300 | 555 | " | - | - |
| Total | 455 | 526 | - | 35 | - | - | - | - | 455 | 561 | 1,016 | 1,698 | - | 682 |
| Number of vessels | | | | | | | | | | | | | | |
| Murray canal: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 3 | 4 | 29 | - | - | - | - | - | 32 | 4 | 36 | n.a. | - | - |
| Motor | 5 | 6 | - | - | - | - | - | - | 5 | 6 | 11 | " | - | - |
| Unrigged | 2 | 4 | - | - | - | - | - | - | 2 | 4 | 6 | " | - | - |
| Total | 10 | 14 | 29 | - | - | - | - | - | 39 | 14 | 53 | 104 | - | 51 |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 654 | 186 | 17,821 | - | - | - | - | - | 18,475 | 186 | 18,661 | n.a. | - | - |
| Motor | 325 | 301 | - | - | - | - | - | - | 325 | 301 | 626 | " | - | - |
| Unrigged | 664 | 1,379 | - | - | - | - | - | - | 664 | 1,379 | 2,043 | " | - | - |
| Total | 1,643 | 1,866 | 17,821 | - | - | - | - | - | 19,464 | 1,866 | 21,330 | 40,037 | - | 18,707 |
| Number of vessels | | | | | | | | | | | | | | |
| St. Andrew's canal: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 17 | 17 | - | - | - | - | - | - | 17 | 17 | 34 | n.a. | - | - |
| Motor | 142 | 145 | - | - | - | - | - | - | 142 | 145 | 287 | " | - | - |
| Unrigged | 16 | 16 | - | - | - | - | - | - | 16 | 16 | 32 | " | - | - |
| Total | 175 | 178 | - | - | - | - | - | - | 175 | 178 | 353 | 396 | - | 43 |

TABLE 11D. Number and Registered Net Tonnage of Vessels Using Smaller Canals by Origin and Destination of Vessel, Country of Registry and Rig - Concluded

| | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|------------------------------------|------------------|---------------|-------------------------|------------|--------------------------------|------------|-------------------------|------|---------------|---------------|---------------|---------------|--------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 1,683 | 1,683 | - | - | - | - | - | - | 1,683 | 1,683 | 3,366 | n.a. | - | - |
| Motor | 11,275 | 11,444 | - | - | - | - | - | - | 11,275 | 11,444 | 22,719 | " | - | - |
| Unrigged | 6,331 | 5,952 | - | - | - | - | - | - | 6,331 | 5,952 | 12,283 | " | - | - |
| Total | 19,289 | 19,079 | - | - | - | - | - | - | 19,289 | 19,079 | 38,368 | 28,083 | 10,285 | - |
| Number of vessels | | | | | | | | | | | | | | |
| St. Peter's canal: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 24 | 31 | - | - | - | - | - | - | 24 | 31 | 55 | n.a. | - | - |
| Motor | 322 | 357 | - | 1 | - | - | - | - | 322 | 358 | 680 | " | - | - |
| Unrigged | 19 | 10 | - | - | - | - | - | - | 19 | 10 | 29 | " | - | - |
| Other | 1 | 3 | - | - | - | - | - | - | 1 | 3 | 4 | " | - | - |
| United States vessels, motor | 3 | 5 | - | 4 | - | - | 4 | - | 7 | 9 | 16 | " | - | - |
| Total | 369 | 406 | - | 5 | - | - | 4 | - | 373 | 411 | 784 | 570 | 214 | - |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 1,171 | 2,654 | - | - | - | - | - | - | 1,171 | 2,654 | 3,825 | n.a. | - | - |
| Motor | 6,826 | 9,451 | - | 8 | - | - | - | - | 6,826 | 9,459 | 16,285 | " | - | - |
| Unrigged | 3,165 | 2,220 | - | - | - | - | - | - | 3,165 | 2,220 | 5,385 | " | - | - |
| Other | 426 | 1,170 | - | - | - | - | - | - | 426 | 1,170 | 1,596 | " | - | - |
| United States vessels, motor | 52 | 72 | - | 37 | - | - | 72 | - | 124 | 109 | 233 | " | - | - |
| Total | 11,640 | 15,567 | - | 45 | - | - | 72 | - | 11,712 | 15,612 | 27,324 | 14,625 | 12,699 | - |
| Number of vessels | | | | | | | | | | | | | | |
| Canso canal: | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 3 | 4 | - | - | - | - | - | - | 3 | 4 | 7 | - | 7 | - |
| Motor | 232 | 221 | - | 3 | - | - | 3 | - | 235 | 224 | 459 | - | 459 | - |
| Unrigged | 4 | 6 | - | - | - | - | - | - | 4 | 6 | 10 | - | 10 | - |
| United States vessels, motor | 1 | 1 | - | 2 | - | 2 | 2 | - | 3 | 5 | 8 | - | 8 | - |
| United Kingdom vessels, motor .. | 6 | 5 | - | - | - | - | - | - | 6 | 5 | 11 | - | 11 | - |
| Total | 246 | 237 | - | 5 | - | 2 | 5 | - | 251 | 244 | 495 | - | 495 | - |
| Registered net tonnage | | | | | | | | | | | | | | |
| Canadian vessels: | | | | | | | | | | | | | | |
| Steam | 1,639 | 692 | - | - | - | - | - | - | 1,639 | 692 | 2,331 | - | 2,331 | - |
| Motor | 11,916 | 11,079 | - | 705 | - | - | 1,151 | - | 13,067 | 11,784 | 24,851 | - | 24,851 | - |
| Unrigged | 327 | 1,019 | - | - | - | - | - | - | 327 | 1,019 | 1,346 | - | 1,346 | - |
| United States vessels, motor | 57 | 64 | - | 124 | - | 815 | 299 | - | 356 | 1,003 | 1,359 | - | 1,359 | - |
| United Kingdom vessels, motor .. | 637 | 580 | - | - | - | - | - | - | 637 | 580 | 1,217 | - | 1,217 | - |
| Total | 14,576 | 13,434 | - | 829 | - | 815 | 1,450 | - | 16,026 | 15,078 | 31,104 | - | 31,104 | - |

TABLE 12. Traffic through Canadian and United States Sault Ste. Marie Canals¹

| | Up | | | Down | | | Grand Total | Compared with 1954 | |
|---|----------------|----------------------------------|-------------------|------------------|----------------------------------|--------------------|--------------------|--------------------|----------|
| | Canadian Canal | United States Canal ² | Total | Canadian Canal | United States Canal ² | Total | | Increase | Decrease |
| Vessel passages | 2,538 | 8,407 | 10,945 | 2,370 | 8,626 | 10,996 | 21,941 | 4,919 | - |
| Registered net tonnage of vessels | 2,419,816 | 43,437,774 | 45,857,590 | 1,699,938 | 44,174,878 | 45,874,816 | 91,732,406 | 24,049,147 | - |
| Passengers | 88,699 | 2,302 | 91,001 | 89,307 | 2,246 | 91,553 | 182,553 | 64,345 | - |
| | Cargo tons | | | | | | | | |
| Paper and Wood pulp | 563 | - | 563 | 193,923 | 4,943 | 198,866 | 199,429 | 1,975 | - |
| Pulpwood | 1,435 | - | 1,435 | 116,332 | 313,390 | 429,722 | 431,157 | - | 29,468 |
| Wheat | - | - | - | 262,844 | 5,965,047 | 6,227,891 | 6,227,891 | - | 77,085 |
| Barley | - | - | - | 172,481 | 1,911,126 | 2,083,607 | 2,083,607 | 70,962 | - |
| Oats | - | - | - | 104,328 | 535,532 | 639,860 | 639,860 | - | 377,685 |
| Corn | - | - | - | - | 124,562 | 124,562 | 124,562 | - | 329,517 |
| Rye | 3,220 | - | 3,220 | 14,743 | 296,441 | 311,184 | 314,404 | - | 36,339 |
| Flaxseed | - | - | - | 16,428 | 542,140 | 558,568 | 558,568 | - | 12,115 |
| Flour | 30 | - | 30 | 75,350 | 3,999 | 79,349 | 79,379 | - | 18,539 |
| Mill products, screenings | - | - | - | 200,527 | 39,118 | 239,645 | 239,645 | 44,513 | - |
| Iron ore | - | 187,444 | 187,444 | - | 89,209,421 | 89,209,421 | 89,396,865 | 26,813,396 | - |
| Manufactured iron and steel | 1,375 | 204,889 | 206,264 | 132,570 | 128,690 | 261,260 | 467,524 | 249,382 | - |
| Pig iron | - | - | - | 22,450 | 254,505 | 276,955 | 276,955 | 59,315 | - |
| Scrap iron | - | - | - | 2,450 | 254,463 | 256,913 | 256,913 | 153,171 | - |
| Stone | - | 1,515,452 | 1,515,452 | 117,636 | - | 117,636 | 1,633,088 | 411,831 | - |
| Crude oil | - | - | - | 8,280 | 592,696 | 600,976 | 600,976 | - | 29,172 |
| Fuel oil | 147,737 | 242,967 | 390,704 | 1,800 | - | 1,800 | 392,504 | 136,868 | - |
| Other petroleum products | 19,841 | 926 | 20,767 | 16,000 | 4,400 | 20,400 | 41,167 | - | 13,387 |
| Gasoline | 109,620 | 239,705 | 349,325 | 3,364 | - | 3,364 | 352,689 | 23,815 | - |
| Cement | - | 177,746 | 177,746 | - | - | - | 177,746 | 24,751 | - |
| Coal, bituminous | 122,244 | 8,931,525 | 9,053,769 | - | - | - | 9,053,769 | 1,751,117 | - |
| Coal, anthracite | 6,777 | 293,308 | 300,085 | - | - | - | 300,085 | 252,369 | - |
| Coke | - | 45,445 | 45,445 | - | - | - | 45,445 | - | 49,528 |
| Salt | 3,443 | 138,068 | 141,511 | - | - | - | 141,511 | 47,014 | - |
| Autos | 6,291 | 48,317 | 54,608 | 1,262 | - | 1,262 | 55,870 | 25,432 | - |
| Other freight | 291,378 | 127,402 | 416,780 | 24,353 | 18,993 | 43,346 | 462,126 | 45,288 | - |
| Total | 713,954 | 12,153,194 | 12,867,148 | 1,487,121 | 100,199,466 | 101,686,587 | 114,553,735 | 29,138,386 | - |

1. Data on United States traffic obtained from United States Corps of Engineers' preliminary "Statistical Report of Lake Commerce" for Sault Ste. Marie Canal for the 1955 season of navigation.

2. Sault Ste. Marie, U.S. locks are: (1) Poe Lock - Length 704 ft., Depth 16.6 ft.
 (2) Davis Lock - Length 1,350 ft., Width 80 ft., Depth 23.1 ft.
 (3) Sabin Lock - Length 1,350 ft., Width 80 ft., Depth 23.1 ft.
 (4) MacArthur Lock 800 ft., Width 80 ft., Depth 31.0 ft.

TABLE 13. Freight Carried Through Sault Ste. Marie Canal by Country of Loading and Unloading of Cargo, by Commodity

| No. | Commodity | Canada to Canada | | Canada to United States | | Canada to United Kingdom | | Canada to Other | | United States to United States | | United States to Canada | | United States to United Kingdom | |
|-----|--|------------------|------------------|-------------------------|----------------|--------------------------|----------|-----------------|---------------|--------------------------------|---------------|-------------------------|---------------|---------------------------------|----------|
| | | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| | | Cargo tons | | | | | | | | | | | | | |
| | Agricultural products: | | | | | | | | | | | | | | |
| 1 | Wheat | - | 247,241 | - | 8,313 | - | - | - | - | - | 7,290 | - | - | - | - |
| 2 | Corn | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Oats | - | 103,053 | - | 1,275 | - | - | - | - | - | - | - | - | - | - |
| 4 | Barley | - | 137,656 | - | 34,825 | - | - | - | - | - | - | - | - | - | - |
| 5 | Rye | - | 14,743 | - | - | - | - | - | - | 3,220 | - | - | - | - | - |
| 6 | Flaxseed | - | 14,496 | - | - | - | - | - | - | - | - | - | 1,932 | - | - |
| 7 | Soybeans | - | - | - | - | - | - | - | - | - | - | - | 2,949 | - | - |
| 8 | Grain screenings | - | 8,239 | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | Other grain | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | Flour | 30 | 75,350 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 | Other mill products | - | 184,047 | - | 615 | - | - | - | - | - | - | - | 4,677 | - | - |
| 12 | Hay and straw | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | Fruit and vegetables | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 | Other agricultural products | - | 300 | - | - | - | - | - | - | - | - | - | 3,400 | - | - |
| 15 | Total | 30 | 785,125 | - | 45,028 | - | - | - | - | 3,220 | 7,290 | - | 12,958 | - | - |
| | Animals and animal products: | | | | | | | | | | | | | | |
| 16 | Cattle and calves | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 | Other live animals and live poultry .. | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | Fish | - | 2,103 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | Dressed meats | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | Dairy products | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | Other packing house products | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 22 | Other animal products | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | Total | - | 2,103 | - | - | - | - | - | - | - | - | - | - | - | - |
| | Mine products: | | | | | | | | | | | | | | |
| 24 | Coal, anthracite | - | - | - | - | - | - | - | - | - | - | 6,777 | - | - | - |
| 25 | Coal, bituminous | 10 | - | - | - | - | - | - | - | 5,000 | - | 117,234 | - | - | - |
| 26 | Coke | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | Iron ore and concentrates | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | Copper ore and concentrates | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | Other ores and concentrates | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | Petroleum, crude (Foreign) | - | - | - | - | - | - | - | - | - | - | - | 8,280 | - | - |
| 31 | Petroleum, crude (Canadian) | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | Sand, gravel and crushed stone | - | 109,606 | - | 8,030 | - | - | - | - | - | - | - | - | - | - |
| 33 | Salt | 3,443 | - | - | - | - | - | - | - | - | - | 8,064 | - | - | - |
| 34 | Other mine products | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 35 | Total | 3,453 | 109,606 | - | 8,030 | - | - | - | - | 5,000 | - | 132,075 | 8,280 | - | - |
| | Forest products: | | | | | | | | | | | | | | |
| 36 | Pulpwood | - | 3,134 | 1,435 | 113,198 | - | - | - | - | - | - | - | - | - | - |
| 37 | Logs, posts, poles, pitprops, piling .. | - | - | 895 | 845 | - | - | - | - | - | - | - | - | - | - |
| 38 | Lumber, timber, cooperage stock | - | - | - | 130 | - | - | - | - | - | - | - | - | - | - |
| 39 | Firewood, hogged fuel | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 | Other forest products | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 41 | Total | - | 3,134 | 2,330 | 114,173 | - | - | - | - | - | - | - | - | - | - |
| | Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| 42 | Gasoline | 72,219 | 2,845 | - | - | - | - | - | - | 17,801 | 519 | 19,600 | - | - | - |
| 43 | Fuel oil | 108,079 | 1,800 | - | - | - | - | - | - | 39,658 | - | - | - | - | - |
| 44 | Petroleum oils and other petroleum products .. | 19,841 | 16,000 | - | - | - | - | - | - | - | - | - | - | - | - |
| 45 | Iron, pig and bloom | - | 5,068 | - | 17,382 | - | - | - | - | - | - | - | - | - | - |
| 46 | Iron and steel, bar, sheet, structural, pipe | 1,016 | 103,088 | - | 22,455 | - | - | - | - | - | - | - | - | - | - |
| 47 | Iron and steel, other | 219 | 6,953 | - | - | - | - | - | - | 140 | 74 | - | - | - | - |
| 48 | Scrap, iron and steel | - | - | - | 2,450 | - | - | - | - | - | - | - | - | - | - |
| 49 | Metals and alloys | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 50 | Agricultural implements | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | Autos, trucks and parts | 4,795 | 1,262 | - | - | - | - | - | - | 1,496 | - | - | - | - | - |
| 52 | Machines, machinery and parts | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 | Fertilizers, all kinds | - | - | - | - | - | - | 1,185 | - | - | - | - | - | - | - |
| 54 | Chemicals and chemicals products .. | 695 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 | Cement, bricks, lime and plaster | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | Wood pulp | - | - | - | 86,875 | - | - | - | - | - | - | - | - | - | - |
| 57 | Newsprint paper | - | 16,541 | - | 90,507 | - | - | - | - | - | - | - | - | - | - |
| 58 | Other manufactured wood products .. | - | 1,110 | - | - | - | - | - | - | - | - | - | - | - | - |
| 59 | Sugar | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 60 | Beverages | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 61 | Total | 208,864 | 154,667 | - | 219,669 | - | - | 1,185 | 58,095 | 593 | 19,600 | - | - | - | - |
| 62 | Other freight | 270,783 | 9,357 | 1,000 | 3,200 | - | - | - | 700 | - | 495 | 8,035 | 440 | - | - |
| 63 | Grand total | 481,130 | 1,063,992 | 3,330 | 390,100 | - | - | - | 1,885 | 67,315 | 8,378 | 159,710 | 21,678 | - | - |

1. In 1954, classed as "Petroleum and other oils".
2. In 1954, classed as "Iron and steel, other".

TABLE 14. Freight Carried through Welland Ship Canal by Country of Loading and Unloading of Cargo, by Commodity

| No. | Commodity | Canada to Canada | | Canada to United States | | Canada to United Kingdom | | Canada to Other | | United States to United States | | United States to Canada | |
|---------------------------------|--|------------------|------------------|-------------------------|---------------|--------------------------|---------------|-----------------|---------------|--------------------------------|------------------|-------------------------|-------------------|
| | | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| Cargo tons | | | | | | | | | | | | | |
| Agricultural products: | | | | | | | | | | | | | |
| 1 | Wheat | 10 | 2,428,782 | 13,667 | - | - | - | - | - | - | 241,803 | - | 53,947 |
| 2 | Corn | - | 105,463 | - | - | - | - | - | - | 37,009 | - | - | 71,551 |
| 3 | Oats | - | 293,222 | - | - | - | - | - | - | 24,322 | - | - | - |
| 4 | Barley | 833 | 1,083,389 | - | 5,232 | - | - | - | - | 139,716 | - | - | 5,552 |
| 5 | Rye | - | 186,268 | - | - | - | - | - | - | - | - | - | - |
| 6 | Flaxseed | - | 276,403 | - | - | - | - | - | - | 80,633 | - | - | 1,875 |
| 7 | Soybeans | - | 35,881 | - | - | - | - | - | - | - | - | - | 209,498 |
| 8 | Grain screenings | - | 9,138 | - | - | - | - | - | - | - | - | - | - |
| 9 | Other grain | - | 1,592 | - | - | - | - | - | - | - | - | - | - |
| 10 | Flour | 1,272 | 5,305 | - | - | - | 6,032 | - | 2,124 | - | - | - | - |
| 11 | Other mill products | - | 3,954 | - | - | - | - | - | - | - | - | - | 4,677 |
| 12 | Hay and straw | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | Fruit and vegetables | - | 255 | - | - | - | - | - | - | - | - | - | - |
| 14 | Other agricultural products | - | 300 | 1,695 | - | - | - | - | - | - | - | - | 3,400 |
| 15 | Total | 2,115 | 4,429,952 | 15,362 | 5,232 | - | 6,032 | - | 2,124 | - | 523,483 | - | 350,500 |
| Animals and animal products: | | | | | | | | | | | | | |
| 16 | Cattle and calves | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 | Other live animals and live poultry | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | Fish | - | 35 | 2,672 | - | - | - | - | - | - | - | - | - |
| 19 | Dressed meats | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | Dairy products | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | Other packing house products | - | - | - | - | - | - | - | - | - | - | - | - |
| 22 | Other animal products | - | - | 456 | - | - | - | - | - | - | - | - | - |
| 23 | Total | - | 35 | 3,128 | - | - | - | - | - | - | - | - | - |
| Mine products: | | | | | | | | | | | | | |
| 24 | Coal, anthracite | - | - | - | - | - | - | - | - | - | - | - | 4,466 |
| 25 | Coal, bituminous | 4,959 | 6,155 | - | 11,600 | - | - | - | - | 7,055 | - | - | 5,387,843 |
| 26 | Coke | 3,283 | - | - | - | - | 5,128 | - | - | - | - | - | 1,228 |
| 27 | Iron ore and concentrates | 6,792 | 12,600 | 1,577,409 | - | - | - | - | - | 3,222 | - | - | 2,797,884 |
| 28 | Copper ore and concentrates | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | Other ores and concentrates | 21,976 | 1,765 | 8,164 | - | - | 1,500 | - | - | 1,625 | - | - | - |
| 30 | Petroleum, crude (Foreign) | - | - | 100 | - | - | - | - | - | 4,000 | - | - | 581,963 |
| 31 | Petroleum, crude (Canadian) | - | 17,900 | - | - | - | - | - | - | - | - | - | 400,069 |
| 32 | Sand, gravel and crushed stone | 79,085 | 31,437 | 27,727 | - | - | - | - | - | - | - | - | 33,827 |
| 33 | Salt | - | 12,148 | - | - | - | - | - | - | - | 14,000 | - | 78,910 |
| 34 | Other mine products | 1,512 | 22,204 | 31,432 | - | - | - | - | - | - | - | - | 88,868 |
| 35 | Total | 117,609 | 104,209 | 1,644,832 | 11,800 | - | 6,628 | - | - | 15,902 | 14,000 | - | 9,375,058 |
| Forest products: | | | | | | | | | | | | | |
| 36 | Pulpwood | 233,342 | 167,040 | 109,184 | - | - | - | - | - | - | - | - | - |
| 37 | Logs, posts, poles, pitprops, piling | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 | Lumber, timber, cooperage stock | - | 30 | - | - | - | - | - | - | - | 700 | - | - |
| 39 | Firewood, hogged fuel | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 | Other forest products | - | - | - | - | - | - | - | - | - | - | - | - |
| 41 | Total | 233,342 | 167,070 | 109,184 | - | - | - | - | - | - | 700 | - | - |
| Manufactures and miscellaneous: | | | | | | | | | | | | | |
| 42 | Gasoline | 158,359 | 16,716 | - | - | - | - | - | - | 9,348 | 195,603 | - | 42,900 |
| 43 | Fuel oil | 232,406 | 153,410 | 5,680 | - | - | - | - | - | 268,357 | 75,131 | 1,983 | 108,797 |
| 44 | Petroleum oils and other petroleum products | 104,175 | 15,919 | 9,125 | - | - | - | - | - | 216,160 | 81,005 | 2,293 | 16,414 |
| 45 | Iron, pig and bloom | 50 | 5,353 | 27,985 | - | - | - | - | - | 10,299 | 34,475 | - | 35,066 |
| 46 | Iron and steel, bar, sheet, structural, pipe | 394 | 43,047 | - | - | - | 16 | - | - | 90 | 3,234 | - | 2,485 |
| 47 | Iron and steel, other | 2,604 | 3,854 | 2,367 | - | - | - | - | - | - | - | - | - |
| 48 | Scrap, iron and steel | - | - | 25,287 | - | - | - | - | - | - | 2,400 | - | 213,476 |
| 49 | Metals and alloys | 2,487 | - | 991 | - | - | - | - | - | - | - | - | - |
| 50 | Agricultural implements | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 | Autos, trucks and parts | 2,665 | 460 | - | - | - | - | - | - | - | - | - | - |
| 52 | Machines, machinery and parts | - | 100 | - | - | - | - | - | - | - | - | - | - |
| 53 | Fertilizers, all kinds | - | - | - | - | - | - | 1,185 | - | - | 2,050 | - | - |
| 54 | Chemicals and chemical products | 5,200 | 1,350 | 1,687 | - | - | - | 420 | 6,600 | 64,627 | - | - | - |
| 55 | Cement, bricks, lime and plaster | 34,125 | - | 47,433 | - | - | - | - | - | 72,947 | - | - | - |
| 56 | Wood pulp | - | - | 23,533 | 19,633 | - | - | 643 | - | - | - | - | - |
| 57 | Newsprint paper | - | 15,346 | 321,196 | 360 | - | - | 856 | 30,003 | - | - | - | - |
| 58 | Other manufactured wood products | - | 750 | - | - | - | - | - | - | 1,960 | - | - | - |
| 59 | Sugar | 973 | 885 | - | - | - | - | - | - | 40,887 | - | - | - |
| 60 | Beverages | - | - | - | - | - | - | - | - | - | - | - | - |
| 61 | Total | 543,438 | 257,190 | 465,284 | 19,993 | - | 16 | - | 3,104 | 581,744 | 533,432 | 4,276 | 419,138 |
| 62 | Other freight | 247,296 | 83,606 | 8,142 | - | - | 8,374 | 200 | 22,759 | 20,155 | 7,263 | 750 | 14,949 |
| 63 | Grand total | 1,143,800 | 5,042,062 | 2,245,832 | 37,025 | - | 21,050 | 200 | 27,987 | 617,801 | 1,078,878 | 5,026 | 10,159,645 |

1. In 1954, classed as "Petroleum and other oils".
 2. In 1954, classed as "Iron and steel, other".

TABLE 14. Freight Carried through Welland Ship Canal by Country of Loading and Unloading of Cargo, by Commodity

| United States to United Kingdom | | United States to Other | | United Kingdom to Canada | | United Kingdom to United States | | Other to Canada | | Other to United States | | Total | | Grand total | | Compared with 1954 | | No. |
|---------------------------------|--------|------------------------|---------|--------------------------|------|---------------------------------|------|-----------------|------|------------------------|------|-----------|------------|-------------|------------|--------------------|----------|-----|
| Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease | |
| Cargo tons | | | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | 13,877 | 2,724,532 | 2,738,209 | 2,857,817 | - | 119,608 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 214,023 | 214,023 | 313,716 | - | 99,693 | 2 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 317,544 | 317,544 | 283,306 | 34,238 | - | 3 |
| - | - | - | - | - | - | - | - | - | - | - | - | 833 | 1,233,889 | 1,234,722 | 1,199,617 | 35,105 | - | 4 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 186,268 | 186,268 | 48,384 | 137,884 | - | 5 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 358,911 | 358,911 | 363,444 | - | 4,533 | 6 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 245,379 | 245,379 | n.a. | n.a. | n.a. | 7 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 9,138 | 9,138 | " | " | " | 8 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1,592 | 1,592 | 241,027 | - | 239,435 | 9 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1,272 | 13,461 | 14,733 | 22,620 | - | 7,887 | 10 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 8,631 | 8,631 | 9,440 | - | 809 | 11 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 255 | 255 | - | 255 | - | 13 |
| - | - | - | 1,088 | - | - | - | - | - | - | - | - | 1,695 | 4,788 | 6,483 | n.a. | n.a. | n.a. | 14 |
| - | - | - | 1,088 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | 17,477 | 5,318,411 | 5,335,888 | 5,339,371 | - | 3,483 | 15 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 |
| - | - | - | - | - | - | - | - | - | - | - | - | 2,872 | 35 | 2,707 | 2,864 | - | 157 | 18 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 1,700 | 1,700 | n.a. | n.a. | - | 19 |
| - | 693 | - | 1,700 | - | - | - | - | - | - | - | - | - | 693 | 693 | - | 693 | - | 20 |
| - | 1,700 | - | 7,874 | - | - | - | - | - | - | 1,480 | - | 1,936 | 9,574 | 11,510 | - | 11,510 | - | 21 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 22 |
| - | 2,393 | - | 9,574 | - | - | - | - | - | - | 1,480 | - | 4,608 | 12,002 | 16,610 | 2,864 | 13,746 | - | 23 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 4,466 | 4,466 | 4,344 | 122 | - | 24 |
| - | - | - | - | - | - | - | - | - | - | - | - | 12,014 | 5,405,798 | 5,417,812 | 4,984,168 | 433,644 | - | 25 |
| - | - | - | 3,759 | - | - | - | - | - | - | - | - | 3,283 | 10,115 | 13,398 | 9,579 | 3,819 | - | 26 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1,587,423 | 2,810,484 | 4,397,907 | 2,298,853 | 2,099,054 | - | 27 |
| - | - | - | - | - | - | - | - | - | - | 2,900 | - | - | - | - | - | - | - | 28 |
| - | - | - | - | - | - | - | - | - | - | - | - | 34,667 | 3,265 | 37,932 | 154,880 | - | 116,948 | 29 |
| - | - | - | - | - | - | - | - | - | - | - | - | 4,100 | 581,963 | 586,063 | 1 | 1 | 1 | 30 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 417,969 | 417,969 | 1 | 1 | 1 | 31 |
| - | - | - | - | - | - | - | - | - | - | - | - | 106,812 | 65,264 | 172,076 | 166,622 | 5,454 | - | 32 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 105,058 | 105,058 | 92,826 | 12,232 | - | 33 |
| - | - | - | - | - | - | 8,343 | - | - | - | 1,500 | - | 42,787 | 111,072 | 153,859 | n.a. | n.a. | n.a. | 34 |
| - | - | - | 3,759 | - | - | 8,343 | - | 2,900 | - | 1,500 | - | 1,791,086 | 9,515,454 | 11,306,540 | 7,711,272 | 3,595,268 | - | 35 |
| - | - | - | - | - | - | - | - | - | - | - | - | 342,526 | 167,040 | 509,566 | 516,001 | - | 6,435 | 36 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | 730 | 730 | - | 730 | - | 37 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 38 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 39 |
| - | - | - | - | - | - | - | - | - | - | - | - | 342,526 | 167,770 | 510,296 | 516,001 | - | 5,705 | 40 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 41 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 42 |
| - | - | - | - | - | - | - | - | - | - | - | - | 167,707 | 255,219 | 422,926 | 370,174 | 52,752 | - | 43 |
| - | - | - | - | - | - | - | - | - | - | - | - | 508,426 | 337,338 | 845,764 | n.a. | 1 | 1 | 44 |
| - | - | - | - | - | - | - | - | 5,464 | - | - | - | 337,217 | 113,338 | 450,555 | 1,925,542 | n.a. | n.a. | 45 |
| - | - | - | - | - | - | - | - | - | - | - | - | 38,334 | 74,894 | 113,228 | 16,671 | 96,557 | - | 46 |
| - | - | - | 1,140 | - | - | - | - | - | - | - | - | 484 | 49,922 | 50,406 | 153,045 | 2 | 2 | 47 |
| - | - | - | - | - | - | - | - | - | - | - | - | 4,971 | 3,854 | 8,825 | - | n.a. | n.a. | 48 |
| - | - | - | - | - | - | - | - | - | - | - | - | 25,287 | 215,876 | 241,163 | n.a. | 2 | 2 | 49 |
| - | - | - | - | - | - | - | - | - | - | 4,040 | - | 7,518 | - | 7,518 | " | n.a. | n.a. | 50 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51 |
| - | - | - | 50 | - | - | - | - | - | - | 507 | - | 3,172 | 510 | 3,682 | 2,272 | 1,410 | - | 52 |
| - | - | - | - | - | - | 283 | - | - | - | - | - | 283 | 100 | 383 | n.a. | n.a. | n.a. | 53 |
| - | - | - | 680 | - | - | - | - | - | - | - | - | - | 3,235 | 3,235 | " | " | " | 54 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1,953 | 15,440 | 67,077 | 82,517 | " | " | 55 |
| - | - | - | - | - | - | 1,158 | - | - | - | - | - | 98,497 | 72,947 | 171,444 | 79,020 | 92,424 | - | 56 |
| - | - | - | - | - | - | - | - | - | - | - | - | 33,109 | 20,276 | 53,385 | 55,448 | - | 2,063 | 57 |
| - | - | - | - | - | - | - | - | - | - | - | - | 9,576 | 351,199 | 367,761 | 422,188 | - | 54,427 | 58 |
| - | - | - | - | - | - | - | - | - | - | - | - | 871 | 2,710 | 3,581 | n.a. | n.a. | n.a. | 59 |
| - | - | - | - | - | - | - | - | 3,024 | - | 5,683 | - | 50,567 | 885 | 51,452 | 52,102 | - | 650 | 60 |
| - | - | - | 1,870 | - | - | 1,441 | - | 8,488 | - | 38,411 | - | 1,643,082 | 1,234,743 | 2,877,825 | 3,076,462 | - | 198,637 | 61 |
| - | 49,254 | - | 198,995 | 1,167 | - | 27,020 | - | 2,509 | - | 153,974 | - | 461,213 | 385,200 | 846,413 | 868,288 | - | 21,875 | 62 |
| - | 51,647 | - | 215,286 | 1,167 | - | 36,804 | - | 13,897 | - | 195,365 | - | 4,259,992 | 16,633,580 | 20,893,572 | 17,514,258 | 3,379,314 | - | 63 |

1. In 1954, classed as "Petroleum and other oils".

2. In 1954, classed as "Iron and steel, other".

TABLE 15. Freight Carried through St. Lawrence Canals by Country of Loading and Unloading of Cargo, by Commodity

| No. | Commodity | Canada to Canada | | Canada to United States | | Canada to United Kingdom | | Canada to Other | | United States to United States | | United States to Canada | |
|-----|--|------------------|------------------|-------------------------|--------------|--------------------------|---------------|-----------------|---------------|--------------------------------|-----------|-------------------------|------------------|
| | | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down |
| | | Cargo tons | | | | | | | | | | | |
| | Agricultural products: | | | | | | | | | | | | |
| 1 | Wheat | -- | 2,015,183 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 12,200 |
| 2 | Corn | -- | 98,957 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 42,599 |
| 3 | Oats | -- | 192,723 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4 | Barley | -- | 876,800 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5,552 |
| 5 | Rye | -- | 186,472 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 6 | Flaxseed | -- | 240,355 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,875 |
| 7 | Soyabean | -- | 32,056 | -- | -- | -- | -- | 1,487 | -- | -- | -- | -- | -- |
| 8 | Grain screenings | 1,600 | 6,751 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 9 | Other grain | -- | 3,420 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10 | Flour | -- | 5,262 | -- | -- | 6,032 | -- | -- | 2,226 | -- | -- | -- | -- |
| 11 | Other mill products | -- | 7,003 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,317 |
| 12 | Hay and straw | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 13 | Fruit and vegetables | 80 | 255 | -- | -- | -- | -- | -- | -- | -- | -- | 831 | -- |
| 14 | Other agricultural products | -- | 15,637 | 1,695 | -- | -- | 200 | -- | -- | -- | -- | -- | 3,400 |
| 15 | Total | 1,680 | 3,680,874 | 1,695 | -- | -- | 6,232 | -- | 3,713 | -- | -- | 831 | 67,943 |
| | Animals and animal products: | | | | | | | | | | | | |
| 16 | Cattle and calves | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 17 | Other live animals and live poultry | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18 | Fish | 236 | 25 | 2,672 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19 | Dressed meats | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20 | Dairy products | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21 | Other packing house products | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22 | Other animal products | 1,120 | 2,300 | 456 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 23 | Total | 1,356 | 2,325 | 3,128 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Mine products: | | | | | | | | | | | | |
| 24 | Coal, anthracite | 3,887 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 25 | Coal, bituminous | 4,267 | 1,640 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,591,693 |
| 26 | Coke | -- | -- | -- | -- | 4,528 | -- | -- | -- | -- | -- | -- | -- |
| 27 | Iron ore and concentrates | 399,681 | -- | 1,350,886 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 28 | Copper ore and concentrates | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 29 | Other ores and concentrates | 24,273 | 1,765 | 8,164 | -- | 1,500 | -- | -- | -- | -- | -- | -- | -- |
| 30 | Petroleum, crude (Foreign) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 31 | Petroleum, crude (Canadian) | 268,215 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 32 | Sand, gravel and crushed stone | 5,555 | 212,353 | 22,556 | -- | -- | -- | -- | -- | -- | -- | -- | 2,778 |
| 33 | Salt | -- | 14,112 | -- | -- | -- | -- | -- | -- | -- | -- | 644 | 86,429 |
| 34 | Other mine products | 165,010 | 22,307 | 25,537 | -- | -- | -- | -- | -- | -- | -- | -- | 11,943 |
| 35 | Total | 870,888 | 252,177 | 1,407,143 | -- | -- | 6,028 | -- | -- | -- | -- | 644 | 1,692,843 |
| | Forest products: | | | | | | | | | | | | |
| 36 | Pulpwood | 230,332 | -- | 208,282 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 37 | Logs, posts, poles, pitprops, piling | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 38 | Lumber, timber, cooperage stock | 29,987 | 475 | 4,450 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 39 | Firewood, hogged fuel | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 40 | Other forest products | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 41 | Total | 260,319 | 475 | 212,732 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Manufactures and miscellaneous: | | | | | | | | | | | | |
| 42 | Gasoline | 53,016 | 48,600 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 43 | Fuel oil | 832,031 | 86,651 | 33,664 | -- | -- | -- | -- | -- | 31,474 | -- | -- | -- |
| 44 | Petroleum oils and other petroleum products | 78,725 | 26,016 | 9,125 | 1,000 | -- | -- | -- | -- | 5,350 | -- | -- | 4,075 |
| 45 | Iron, pig and bloom | -- | -- | 10,272 | -- | -- | -- | -- | -- | -- | -- | -- | 32,354 |
| 46 | Iron and steel, bar, sheet, structural, pipe | 304 | 10,992 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,485 |
| 47 | Iron and steel, other | 2,713 | 165 | 2,367 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 48 | Scrap, iron and steel | 1,115 | 478 | 2,587 | -- | 9,631 | -- | -- | -- | -- | -- | -- | -- |
| 49 | Metals and alloys | 2,487 | 55 | 1,531 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 50 | Agricultural implements | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 51 | Autos, trucks and parts | -- | 554 | -- | -- | -- | -- | -- | 533 | -- | -- | -- | -- |
| 52 | Machines, machinery and parts | 317 | 381 | -- | -- | -- | -- | -- | 100 | -- | -- | -- | -- |
| 53 | Fertilizers, all kinds | 15,601 | -- | -- | -- | -- | -- | 1,185 | -- | -- | -- | -- | -- |
| 54 | Chemicals and chemical products | 9,985 | -- | 1,687 | -- | -- | -- | 420 | -- | -- | -- | -- | -- |
| 55 | Cement, bricks, lime and plaster | 8,008 | -- | 47,433 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 56 | Wood pulp | -- | -- | 26,108 | -- | -- | -- | 643 | -- | -- | -- | -- | -- |
| 57 | Newsprint paper | 2,660 | 4,073 | 163,221 | -- | 200 | -- | 656 | -- | -- | -- | -- | -- |
| 58 | Other manufactured wood products | -- | 787 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 59 | Sugar | 973 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 60 | Beverages | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 61 | Total | 1,007,935 | 178,752 | 297,995 | 1,000 | -- | 9,831 | -- | 3,537 | 36,824 | -- | -- | 38,914 |
| 62 | Other freight | 360,268 | 354,233 | 4,534 | -- | -- | 12,428 | -- | 42,689 | -- | -- | 14,930 | 5,164 |
| 63 | Grand total | 2,502,446 | 4,468,836 | 1,927,227 | 1,000 | -- | 34,519 | -- | 49,939 | 36,824 | -- | 16,405 | 1,804,864 |

1. In 1954, classed as "Petroleum and other oils".
 2. In 1954, classed as "Iron and steel, other".

TABLE 16. Freight Carried Through Ottawa River Canals by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|--------------------------------------|------------------|----------------|-------------------------|----------|--------------------------------|----------|-------------------------|----------|------------|----------------|----------------|----------------|--------------------|------------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Mine products: | | | | | | | | | | | | | | |
| Coal, bituminous | 425 | — | — | — | — | — | — | — | 425 | — | 425 | 445 | — | 20 |
| Sand, gravel and crushed stone | — | 206,100 | — | — | — | — | — | — | — | 206,100 | 206,100 | 190,100 | 16,000 | — |
| Total | 425 | 206,100 | — | — | — | — | — | — | 425 | 206,100 | 206,525 | 190,545 | 15,980 | — |
| Manufactures and Miscellaneous: | | | | | | | | | | | | | | |
| Newsprint paper | — | — | — | — | — | — | — | — | — | — | — | 215 | — | 215 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 215 | — | 215 |
| All other freight | — | — | — | — | — | — | — | — | — | — | — | 50 | — | 50 |
| Grand total | 425 | 206,100 | — | — | — | — | — | — | 425 | 206,100 | 206,525 | 190,810 | 15,715 | — |

TABLE 17. Freight Carried Through Richelieu River Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|---|------------------|--------------|-------------------------|------------|--------------------------------|----------|-------------------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Agricultural products: | | | | | | | | | | | | | | |
| Fruit and vegetable | — | — | — | — | — | — | — | 831 | — | 831 | 831 | 1,307 | — | 476 |
| Total | — | — | — | — | — | — | — | 831 | — | 831 | 831 | 1,307 | — | 476 |
| Mine products: | | | | | | | | | | | | | | |
| Coal, anthracite | — | — | — | — | — | — | — | — | — | — | — | 3,611 | — | 3,611 |
| Other mine products | — | — | — | — | — | — | — | 1,099 | — | 1,099 | 1,099 | — | 1,099 | — |
| Total | — | — | — | — | — | — | — | 1,099 | — | 1,099 | 1,099 | 3,611 | — | 2,512 |
| Manufactures and Miscellaneous: | | | | | | | | | | | | | | |
| Fuel oil | 15 | — | — | — | — | — | — | — | 15 | — | 15 | 1 | 1 | 1 |
| Petroleum oils and other petroleum products | 65 | — | — | — | — | — | — | — | 65 | — | 65 | — | 65 | — |
| Fertilizers, all kinds | 36,525 | — | — | — | — | — | — | 4,527 | 36,525 | 4,527 | 41,052 | n.a. | n.a. | n.a. |
| Chemicals and chemical products | 6,500 | — | — | — | — | — | — | — | 6,500 | — | 6,500 | n.a. | n.a. | n.a. |
| Newsprint paper | — | — | 25,951 | — | — | — | — | — | 25,951 | — | 25,951 | 28,565 | — | 2,614 |
| Total | 43,105 | — | 25,951 | — | — | — | — | 4,527 | 69,056 | 4,527 | 73,583 | 28,565 | 45,016 | — |
| All other freight | 1,625 | 4,589 | — | 220 | — | — | — | 15,183 | 1,625 | 19,992 | 21,617 | 75,955 | — | 54,338 |
| Grand total | 44,730 | 4,589 | 25,951 | 220 | — | — | — | 21,640 | 70,681 | 26,449 | 97,130 | 109,438 | — | 12,308 |

1. In 1954, classed as "Petroleum and other oils"

TABLE 18. Freight Carried Through Rideau Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|--|------------------|------------|-------------------------|----------|--------------------------------|----------|-------------------------|----------|------------|------------|-------------|--------------|--------------------|--------------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Mine products: | | | | | | | | | | | | | | |
| Coal, bituminous | — | 40 | — | — | — | — | — | — | — | 40 | 40 | 50 | — | 10 |
| Sand, gravel and crushed stone | 32 | 100 | — | — | — | — | — | — | 32 | 100 | 132 | 1,253 | — | 1,121 |
| Total | 32 | 140 | — | — | — | — | — | — | 32 | 140 | 172 | 1,303 | — | 1,131 |
| Forest products: | | | | | | | | | | | | | | |
| Logs, posts, poles, piling | — | — | — | — | — | — | — | — | — | — | — | 25 | — | 25 |
| Lumber, timber, box and cooperage materials | 120 | 5 | — | — | — | — | — | — | 120 | 5 | 125 | 49 | 76 | — |
| Total | 120 | 5 | — | — | — | — | — | — | 120 | 5 | 125 | 74 | 51 | — |
| Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| Gasoline | — | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Petroleum oils and other petroleum products | 2 | — | — | — | — | — | — | — | 2 | — | 2 | 1 | 1 | — |
| Iron and steel, bar, sheet, structural, pipe | 6 | — | — | — | — | — | — | — | 6 | — | 6 | 1 | 1 | 1 |
| Iron and steel, other | — | — | — | — | — | — | — | — | — | — | — | n.a. | n.a. | n.a. |
| Machines, machinery and parts | 16 | 20 | — | — | — | — | — | — | 16 | 20 | 36 | — | 36 | — |
| Cement, bricks, lime and plaster | 29 | — | — | — | — | — | — | — | 29 | — | 29 | 60 | — | 31 |
| Total | 53 | 20 | — | — | — | — | — | — | 53 | 20 | 73 | 85 | — | 12 |
| All other freight | 43 | — | — | — | — | — | — | — | 43 | — | 43 | 28 | 15 | — |
| Grand total | 248 | 165 | — | — | — | — | — | — | 248 | 165 | 413 | 1,490 | — | 1,077 |

1. In 1954, classed as "Iron and steel, other".

TABLE 19. Freight Carried through Trent Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|--|------------------|------|-------------------------|------|--------------------------------|------|-------------------------|------|-------|------|-------------|------|--------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Forest products: | | | | | | | | | | | | | | |
| Lumber, timber, box, cooperage material..... | - | - | - | - | - | - | - | - | - | - | - | 10 | - | 10 |
| Total | - | - | - | - | - | - | - | - | - | - | - | 10 | - | 10 |
| Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| Gasoline..... | 16 | 19 | - | - | - | - | - | - | 16 | 19 | 35 | 52 | - | 17 |
| Fuel oil..... | 3 | 2 | - | - | - | - | - | - | 3 | 2 | 5 | 1 | 1 | 1 |
| Petroleum oils and other petroleum products | 11 | 16 | - | - | - | - | - | - | 11 | 16 | 27 | n.a. | n.a. | n.a. |
| Cement, bricks, lime and plaster..... | - | - | - | - | - | - | - | - | - | - | - | 50 | - | 50 |
| Total | 30 | 27 | - | - | - | - | - | - | 30 | 27 | 67 | 125 | - | 58 |
| All other freight..... | 10 | 25 | - | - | - | - | - | - | 10 | 25 | 35 | 35 | - | - |
| Grand total | 40 | 62 | - | - | - | - | - | - | 40 | 62 | 102 | 170 | - | 68 |

1. In 1954, classed as "petroleum and other oils"

TABLE 20. Freight Carried through Murray Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|------------------------------------|------------------|------|-------------------------|------|--------------------------------|------|-------------------------|------|-------|------|-------------|------|--------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Forest products: | | | | | | | | | | | | | | |
| Logs, posts, poles, piling..... | 300 | - | - | - | - | - | - | - | 300 | - | 300 | - | 300 | - |
| Total | 300 | - | - | - | - | - | - | - | 300 | - | 300 | - | 300 | - |
| Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| Machines, machinery and parts..... | 68 | - | - | - | - | - | - | - | 68 | - | 68 | - | 68 | - |
| Total | 68 | - | - | - | - | - | - | - | 68 | - | 68 | - | 68 | - |
| All other freight..... | 194 | 105 | - | - | - | - | - | - | 194 | 105 | 299 | 272 | 27 | - |
| Grand total | 562 | 105 | - | - | - | - | - | - | 562 | 105 | 667 | 272 | 395 | - |

TABLE 21. Freight Carried through St. Andrew's Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|--|------------------|-------|-------------------------|------|--------------------------------|------|-------------------------|------|-------|-------|-------------|-------|--------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Agricultural products: | | | | | | | | | | | | | | |
| Oats..... | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 2 | - | 1 |
| Flour, grain..... | - | 99 | - | - | - | - | - | - | - | 99 | 99 | 25 | 74 | - |
| Hay and straw..... | - | 29 | - | - | - | - | - | - | - | 29 | 29 | 32 | - | 3 |
| Fruit and vegetables..... | 3 | 29 | - | - | - | - | - | - | 3 | 29 | 32 | 35 | - | 3 |
| Total | 3 | 158 | - | - | - | - | - | - | 3 | 158 | 161 | 94 | 67 | - |
| Animals and animal products: | | | | | | | | | | | | | | |
| Fish..... | 1,487 | 14 | - | - | - | - | - | - | 1,487 | 14 | 1,501 | 2,120 | - | 619 |
| Dressed meats..... | - | 10 | - | - | - | - | - | - | - | 10 | 10 | - | 10 | - |
| Other animal products..... | - | 9 | - | - | - | - | - | - | - | 9 | 9 | - | 9 | - |
| Total | 1,487 | 33 | - | - | - | - | - | - | 1,487 | 33 | 1,520 | 2,120 | - | 600 |
| Mine products: | | | | | | | | | | | | | | |
| Coal, bituminous..... | - | 2 | - | - | - | - | - | - | - | 2 | 2 | - | 2 | - |
| Total | - | 2 | - | - | - | - | - | - | - | 2 | 2 | - | 2 | - |
| Forest products: | | | | | | | | | | | | | | |
| Lumber, timber, box, cooperage material..... | 3,964 | 32 | - | - | - | - | - | - | 3,964 | 32 | 3,996 | 70 | 3,926 | - |
| Firewood, hogged fuel..... | - | 2 | - | - | - | - | - | - | - | 2 | 2 | - | 2 | - |
| Total | 3,964 | 34 | - | - | - | - | - | - | 3,964 | 34 | 3,998 | 70 | 3,928 | - |
| Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| Gasoline..... | - | 880 | - | - | - | - | - | - | - | 880 | 880 | 1,216 | - | 336 |
| Petroleum oils and other petroleum products | - | 2 | - | - | - | - | - | - | - | 2 | 2 | n.a. | n.a. | n.a. |
| Iron and steel, bar, sheet, structural, pipe.. | - | 35 | - | - | - | - | - | - | - | 35 | 35 | 1 | 1 | 1 |
| Autos, trucks and parts..... | 18 | 50 | - | - | - | - | - | - | 18 | 50 | 68 | 92 | - | 24 |
| Machines, machinery and parts..... | 22 | - | - | - | - | - | - | - | 22 | - | 22 | - | 22 | - |
| Chemicals and chemical products..... | - | 59 | - | - | - | - | - | - | - | 59 | 59 | n.a. | n.a. | n.a. |
| Cement, bricks, lime and plaster..... | - | 233 | - | - | - | - | - | - | - | 233 | 233 | 197 | 36 | - |
| Beverages..... | - | 100 | - | - | - | - | - | - | - | 100 | 100 | 144 | - | 44 |
| Total | 40 | 1,359 | - | - | - | - | - | - | 40 | 1,359 | 1,399 | 1,973 | - | 574 |
| All other freight..... | 185 | 847 | - | - | - | - | - | - | 185 | 847 | 1,032 | 1,773 | - | 741 |
| Grand total | 5,679 | 2,433 | - | - | - | - | - | - | 5,678 | 2,433 | 8,112 | 6,030 | 2,082 | - |

1. In 1954, classed as "Iron and steel, other".

TABLE 22. Freight Carried through St. Peter's Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|--|------------------|--------------|-------------------------|----------|--------------------------------|----------|-------------------------|----------|--------------|--------------|--------------|--------------|--------------------|------------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Agricultural products: | | | | | | | | | | | | | | |
| Fruit and vegetables..... | 320 | — | — | — | — | — | — | — | 320 | — | 320 | 759 | — | 439 |
| Total | 320 | — | — | — | — | — | — | — | 320 | — | 320 | 759 | — | 439 |
| Animals and animal products: | | | | | | | | | | | | | | |
| Fish..... | 2 | 3,672 | — | — | — | — | — | — | 2 | 3,672 | 3,674 | 1,413 | 2,261 | — |
| Other animal products..... | — | 50 | — | — | — | — | — | — | — | 50 | 50 | — | 50 | — |
| Total | 2 | 3,722 | — | — | — | — | — | — | 2 | 3,722 | 3,724 | 1,413 | 2,311 | — |
| Mine products: | | | | | | | | | | | | | | |
| Coal, anthracite..... | 104 | — | — | — | — | — | — | — | 104 | — | 104 | — | 104 | — |
| Coal, bituminous..... | 15 | 326 | — | — | — | — | — | — | 15 | 326 | 341 | 116 | 225 | — |
| Sand, gravel and crushed stone..... | — | 10 | — | — | — | — | — | — | — | 10 | 10 | 40 | — | 30 |
| Salt..... | 70 | — | — | — | — | — | — | — | 70 | — | 70 | — | 70 | — |
| Total | 189 | 336 | — | — | — | — | — | — | 189 | 336 | 525 | 156 | 369 | — |
| Forest products: | | | | | | | | | | | | | | |
| Firewood, hogged fuel..... | — | 14 | — | — | — | — | — | — | — | 14 | 14 | 7 | 7 | — |
| Total | — | 14 | — | — | — | — | — | — | — | 14 | 14 | 7 | 7 | — |
| Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| Gasoline..... | 1,075 | — | — | — | — | — | — | — | 1,075 | — | 1,075 | 52 | 1,023 | — |
| Petroleum oils and other petroleum products..... | — | — | — | — | — | — | — | — | — | — | — | 500 | — | 500 |
| Iron and steel, other..... | — | 50 | — | — | — | — | — | — | — | 50 | 50 | 55 | — | 5 |
| Beverages..... | 4 | — | — | — | — | — | — | — | 4 | — | 4 | — | 4 | — |
| Total | 1,079 | 50 | — | — | — | — | — | — | 1,079 | 50 | 1,129 | 607 | 522 | — |
| All other freight..... | 311 | 760 | — | — | — | — | — | — | 311 | 760 | 1,071 | 289 | 782 | — |
| Grand total | 1,901 | 4,882 | — | — | — | — | — | — | 1,901 | 4,882 | 6,783 | 3,231 | 3,552 | — |

TABLE 23. Freight Carried through Canso Canal by Country of Loading and Unloading, by Commodity

| Commodity | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|--|------------------|--------------|-------------------------|------------|--------------------------------|----------|-------------------------|----------|--------------|--------------|---------------|-------------------|--------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 ¹ | Increase | Decrease |
| Cargo tons | | | | | | | | | | | | | | |
| Agricultural products: | | | | | | | | | | | | | | |
| Fruit and vegetables..... | — | 457 | — | 380 | — | — | 50 | — | 50 | 837 | 887 | — | — | — |
| Total | — | 457 | — | 380 | — | — | 50 | — | 50 | 837 | 887 | — | — | — |
| Animals and animal products: | | | | | | | | | | | | | | |
| Fish..... | 4 | 5,278 | — | 390 | — | — | — | — | 4 | 5,668 | 5,672 | — | — | — |
| Other animal products..... | — | 16 | — | — | — | — | — | — | — | 16 | 16 | — | — | — |
| Total | 4 | 5,294 | — | 390 | — | — | — | — | 4 | 5,684 | 5,688 | — | — | — |
| Mine products: | | | | | | | | | | | | | | |
| Coal, bituminous..... | 265 | — | — | — | — | — | — | — | 265 | — | 265 | — | — | — |
| Salt..... | 252 | 146 | — | — | — | — | — | — | 252 | 146 | 398 | — | — | — |
| Total | 517 | 146 | — | — | — | — | — | — | 517 | 146 | 663 | — | — | — |
| Forest products: | | | | | | | | | | | | | | |
| Lumber, timber, box, cooperage material..... | 48 | — | — | — | — | — | — | — | 48 | — | 48 | — | — | — |
| Total | 48 | — | — | — | — | — | — | — | 48 | — | 48 | — | — | — |
| Manufactures and miscellaneous: | | | | | | | | | | | | | | |
| Gasoline..... | 2,110 | — | — | — | — | — | — | — | 2,110 | — | 2,110 | — | — | — |
| Fuel oil..... | 1,332 | — | — | — | — | — | — | — | 1,332 | — | 1,332 | — | — | — |
| Petroleum oils and other petroleum products..... | 283 | — | — | — | — | — | — | — | 283 | — | 283 | — | — | — |
| Other manufactured wood products..... | 2 | — | — | — | — | — | — | — | 2 | — | 2 | — | — | — |
| Total | 3,727 | — | — | — | — | — | — | — | 3,727 | — | 3,727 | — | — | — |
| All other freight..... | 1,756 | 420 | — | — | — | — | 10 | — | 1,766 | 420 | 2,186 | — | — | — |
| Grand total | 6,052 | 6,317 | — | 770 | — | — | 60 | — | 6,112 | 7,087 | 13,199 | — | — | — |

1. Not operating during 1954.

TABLE 24. Number of Passengers Carried through Canals by Port of Origin and Port of Destination

| Canal | Canada to Canada | | Canada to United States | | United States to United States | | United States to Canada | | Total | | Grand total | | Compared with 1954 | |
|------------------------|------------------|---------------|-------------------------|--------------|--------------------------------|---------------|-------------------------|-----------|---------------|---------------|------------------|----------------|--------------------|----------|
| | Up | Down | Up | Down | Up | Down | Up | Down | Up | Down | 1955 | 1954 | Increase | Decrease |
| Sault Ste. Marie | 13,289 | 13,373 | - | 1,235 | 73,552 | 74,699 | 1,858 | - | 88,699 | 89,307 | 178,006 | 115,014 | 62,992 | - |
| Welland Ship | - | 7 | 12 | - | 18 | 20 | - | 28 | 30 | 55 | 85 | 40 | 45 | - |
| St. Lawrence | - | 7 | - | - | 6 | - | - | - | 6 | 7 | 13 | 4 | 9 | - |
| Ottawa River | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Richelieu River | - | 10 | 11 | - | 13 | - | - | 4 | 24 | 14 | 38 | 136 | - | 98 |
| Rideau | 272 | 269 | - | - | - | - | - | - | 272 | 269 | 541 ¹ | 778 | - | 237 |
| Trent | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| Murray | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| St. Andrew's | 92 | 80 | - | - | - | - | - | - | 92 | 80 | 172 ³ | 230 | - | 58 |
| St. Peter's | 23 | 16 | - | - | - | - | 9 | - | 32 | 16 | 48 | 29 | 19 | - |
| Canso | - | 29 | - | - | - | - | - | - | - | 29 | 29 | - | 29 | - |
| Total | 13,676 | 13,791 | 23 | 1,235 | 73,569 | 74,719 | 1,867 | 32 | 89,155 | 89,777 | 178,932 | 116,231 | 62,701 | - |

1. Exclusive of 26,658 passengers on pleasure boat cruises and 60,529 passengers carried in pleasure craft. One passenger through one lock station recorded as "1".

2. 98,455 passengers carried in pleasure craft. One passenger through one lock station recorded as "1".

3. Exclusive of 1,194 passengers carried in pleasure craft.

TABLE 25. Number of Pleasure Craft Lockages

| Canal | 1955 | 1954 | Canal | 1955 | 1954 |
|------------------------|--------|--------|--------------------|---------------|---------------|
| Sault Ste. Marie | 585 | 381 | Trent | 24,984 | 20,510 |
| Welland Ship | 43 | 41 | Murray | 1,801 | 1,220 |
| St. Lawrence | 905 | 759 | St. Andrew's | 412 | 319 |
| Ottawa River | 8,137 | 5,418 | St. Peter's | 4 | - |
| Richelieu River | - | - | Canso | - | - |
| Rideau | 22,734 | 25,383 | Total | 57,605 | 54,031 |

TABLE 26. Length of Season of Navigation for Canals

| Canals | First vessel passage | Last vessel passage | Number of days used |
|------------------------|----------------------|---------------------|---------------------|
| Sault Ste. Marie | April 11 | December 12 | 246 |
| Welland Ship | March 30 | December 17 | 263 |
| St. Lawrence | April 10 | December 12 | 247 |
| Richelieu River | April 23 | December 1 | 223 |
| St. Peter's | April 2 | January 12 | 286 |
| Murray | April 8 | November 17 | 224 |
| Ottawa River | April 26 | November 1 | 190 |
| Rideau | May 2 | November 21 | 204 |
| Trent | May 11 | November 30 | 204 |
| St. Andrew's | June 30 | October 31 | 124 |
| Canso | September 2 | January 27 | 148 |

TABLE 27. Location and Description of Canals

| Name | Location | | Length in miles | Number | Locks | | |
|------------------------|---|-----------------------------------|-----------------|--------|----------------------------|-------|-----------------|
| | From | To | | | Minimum dimensions in feet | | |
| | | | | | Length | Width | Depth |
| Sault Ste. Marie | St. Mary's Rapids | Sault Ste. Marie | 1.38 | 1 | 900 | 30 | 18.25 |
| Welland Ship | Port Weller | Port Colborne | 27.60 | 8 | 859 | 80 | 30 ³ |
| St. Lawrence River: | | | | | | | |
| Lachine | Montreal | Lachine | 8.74 | 5 | 270 | 45 | 14 ¹ |
| Soulanges | Cascades Point | Coteau Landing | 14.67 | 5 | 280 | 45 | 15 ¹ |
| Cornwall | Cornwall | Dickinsons Landing | 11.00 | 6 | 270 | 43.67 | 14 ¹ |
| Farran's Point | Farran's Point | Rapide de Farran's Pt. | 1.28 | 1 | 800 | 50 | 16 ¹ |
| Rapide Plat | Rapide Plat | Morrisburg | 3.89 | 2 | 270 | 45 | 14 ¹ |
| Gallops | Iroquois | Cardinal | 7.36 | 3 | 270 | 45 | 14 ¹ |
| Richelieu River: | | | | | | | |
| St. Ours | | St. Ours, Que. | 0.12 | 1 | 339 | 45 | 12 ² |
| Chambly | Chambly | St. John's Que. | 11.76 | 9 | 120.5 | 23.25 | 6.5 |
| St. Peter's | St. Peter's Bay | Bras d'Or Lakes Cape Breton, N.S. | 0.50 | 1 | 300 | 48 | 18 ⁴ |
| Murray | Isthmus of Murray | Bay of Quinte | 5.15 | None | — | — | 11 ⁵ |
| Ottawa River: | | | | | | | |
| Ste. Anne | Junction of St. Lawrence and | Ottawa River | 0.12 | 1 | 200 | 45 | 9 |
| Carillon | Carillon Rapids | Ottawa River | 0.94 | 2 | 200 | 45 | 9 |
| Grenville | Long Sault Rapids | Ottawa River | 5.94 | 5 | 200 | 45 | 9.5 |
| Rideau | Ottawa | Kingston | 126.25 | 47 | 134 | 33 | 5 |
| | Rideau Lake to | Perth (Tay Branch) | 6.50 | 2 | 134 | 33 | 5 |
| Trent | Trenton | Peterborough Lock | 88.74 | 18 | 175 | 33 | 6 |
| | Peterborough Lock | Swift Rapids | 135.71 | 24 | 134 | 33 | 6 |
| | Swift Rapids | Port Severn | 16.00 | — | (Marine Ry.) | — | 4 |
| | Port Severn Lock | | — | 1 | 100 | 25 | 6 |
| | Sturgeon Lake | Lindsay (Scugog Branch) | 8.35 | 1 | 142 | 33 | 6 |
| | Lindsay | Port Perry (Scugog Branch) | 26.65 | None | — | — | 4.5 |
| St. Andrew's | Red River, fifteen miles north of Winnipeg | | — | 1 | 215 | 45 | 17 |
| Canso | Through the Cape Breton end of the Canso Causeway at Port Hastings, N.S. | | 0.78 | 1 | 820 | 80 | 32 |

1. Navigable depths occasionally are less due to extreme low water levels.
2. Least depth in channels, 7 ft.
3. Least depth in channels, 25 ft.
4. Depth of canal prism is 17 ft.
5. With Lake Ontario at elevation 244 ft.

TABLE 28. Water Freight Charges on the Great Lakes for Canadian Wheat During 1955 and 1954

| Fort William — Port Arthur | 1955 | | | 1954 | | |
|----------------------------|---------------------------|------------------------|-----------------------------|---------------------------|------------------------|-----------------------------|
| | Average charge per bushel | Average charge per ton | Average charge per ton-mile | Average charge per bushel | Average charge per ton | Average charge per ton-mile |
| | cents | \$ | cents | cents | \$ | cents |
| Montreal: | | | | | | |
| April | 13.50 | 4.50 | 0.366 | 14.89 | 4.96 | 0.404 |
| May | 13.50 | 4.50 | 0.366 | 14.69 | 4.86 | 0.396 |
| June | 13.50 | 4.50 | 0.366 | 14.27 | 4.75 | 0.387 |
| July | 13.50 | 4.50 | 0.366 | 13.69 | 4.56 | 0.371 |
| August | 13.50 | 4.50 | 0.366 | 13.50 | 4.50 | 0.366 |
| September | 13.50 | 4.50 | 0.366 | 13.50 | 4.50 | 0.366 |
| October | 13.50 | 4.50 | 0.366 | 13.50 | 4.50 | 0.366 |
| November | 13.50 | 4.50 | 0.366 | 13.82 | 4.60 | 0.375 |
| December | — | — | — | — | — | — |
| Average | 13.50 | 4.50 | 0.366 | 14.17 | 4.72 | 0.384 |
| Including storage | — | — | — | — | — | — |

TABLE 28. Water Freight Charges on the Great Lakes for Canadian Wheat - Concluded

| Fort William - Port Arthur | 1955 | | | 1954 | | |
|---|---------------------------|------------------------|-----------------------------|---------------------------|------------------------|-----------------------------|
| | Average charge per bushel | Average charge per ton | Average charge per ton-mile | Average charge per bushel | Average charge per ton | Average charge per ton-mile |
| | cents | \$ | cents | cents | \$ | cents |
| Goderich and Georgian Bay Ports: | | | | | | |
| April | 4.00 | 1.33 | 0.248 | 5.57 | 1.85 | 0.345 |
| May | 4.00 | 1.33 | 0.248 | 4.59 | 1.53 | 0.285 |
| June | 4.01 | 1.34 | 0.250 | 4.50 | 1.50 | 0.279 |
| July | 4.00 | 1.33 | 0.248 | 4.50 | 1.50 | 0.279 |
| August | 4.04 | 1.35 | 0.251 | 4.04 | 1.35 | 0.251 |
| September | 4.12 | 1.37 | 0.255 | 4.00 | 1.33 | 0.248 |
| October | 4.01 | 1.34 | 0.250 | 4.00 | 1.33 | 0.248 |
| November | 4.09 | 1.36 | 0.253 | 4.02 | 1.34 | 0.250 |
| December | 4.32 | 1.44 | 0.268 | 4.45 | 1.48 | 0.276 |
| Average | 4.21 | 1.40 | 0.261 | 4.26 | 1.42 | 0.264 |
| Including storage | 4.32 | 1.44 | 0.268 | 4.47 | 1.49 | 0.277 |
| Port Colborn: | | | | | | |
| April | 6.00 | 2.00 | 0.236 | 7.50 | 2.50 | 0.295 |
| May | 6.00 | 2.00 | 0.236 | 6.56 | 2.18 | 0.257 |
| June | 6.04 | 2.01 | 0.237 | 6.53 | 2.17 | 0.256 |
| July | 6.00 | 2.00 | 0.236 | 6.58 | 2.19 | 0.258 |
| August | 6.00 | 2.00 | 0.236 | 6.21 | 2.07 | 0.244 |
| September | 6.00 | 2.00 | 0.236 | 6.00 | 2.00 | 0.234 |
| October | 6.00 | 2.00 | 0.236 | 6.38 | 2.12 | 0.250 |
| November | 6.07 | 2.02 | 0.238 | 6.16 | 2.05 | 0.242 |
| December | 6.81 | 2.27 | 0.268 | 7.43 | 2.47 | 0.291 |
| Average | 6.06 | 2.02 | 0.238 | 6.46 | 2.15 | 0.254 |
| Including storage | 6.42 | 2.14 | 0.252 | 6.67 | 2.22 | 0.262 |
| Buffalo and other U.S. Ports: | | | | | | |
| April | 6.50 | 2.17 | 0.252 | 6.68 | 2.22 | 0.258 |
| May | 6.63 | 2.21 | 0.256 | 6.22 | 2.07 | 0.240 |
| June | 6.92 | 2.31 | 0.268 | 5.11 | 1.70 | 0.198 |
| July | 6.00 | 2.00 | 0.232 | - | - | - |
| August | 6.00 | 2.00 | 0.232 | 5.00 | 1.67 | 0.194 |
| September | - | - | - | 5.13 | 1.71 | 0.198 |
| October | 6.42 | 2.14 | 0.248 | 5.86 | 1.95 | 0.226 |
| November | 6.99 | 2.33 | 0.270 | 6.00 | 2.00 | 0.232 |
| December | 9.50 | 3.17 | 0.368 | - | - | - |
| Average | 6.70 | 2.23 | 0.259 | 6.09 | 2.03 | 0.235 |
| Including storage | 7.19 | 2.40 | 0.278 | 6.42 | 2.14 | 0.248 |
| Port Colborne to Montreal: | | | | | | |
| April | 7.50 | 2.50 | 0.658 | 8.50 | 2.83 | 0.745 |
| May | 7.50 | 2.50 | 0.658 | 8.20 | 2.73 | 0.718 |
| June | 7.50 | 2.50 | 0.658 | 8.00 | 2.67 | 0.703 |
| July | 7.50 | 2.50 | 0.658 | 8.00 | 2.67 | 0.703 |
| August | 7.50 | 2.50 | 0.658 | 7.88 | 2.63 | 0.692 |
| September | 7.50 | 2.50 | 0.658 | 7.64 | 2.55 | 0.671 |
| October | 7.50 | 2.50 | 0.658 | 7.75 | 2.58 | 0.679 |
| November | 7.49 | 2.50 | 0.658 | 7.50 | 2.50 | 0.658 |
| December | 7.61 | 2.54 | 0.668 | 7.50 | 2.50 | 0.658 |
| Average | 7.50 | 2.50 | 0.658 | 7.81 | 2.60 | 0.694 |

TABLE 29. Water Freight Charges on the Great Lakes for Canadian Barley and Oats

| Fort William — Port Arthur | Barley | | | Oats | | |
|---|---------------------------|------------------------|-----------------------------|---------------------------|------------------------|-----------------------------|
| | Average charge per bushel | Average charge per ton | Average charge per ton-mile | Average charge per bushel | Average charge per ton | Average charge per ton-mile |
| | cents | \$ | cents | cents | \$ | cents |
| Montreal: | | | | | | |
| April | 12.75 | 5.31 | 0.432 | 11.50 | 6.76 | 0.550 |
| May | 12.75 | 5.31 | 0.432 | 11.50 | 6.76 | 0.550 |
| June | 12.75 | 5.31 | 0.432 | 11.50 | 6.76 | 0.550 |
| July | 12.75 | 5.31 | 0.432 | 11.50 | 6.76 | 0.550 |
| August | 12.75 | 5.31 | 0.432 | 11.36 | 6.69 | 0.545 |
| September | 12.75 | 5.31 | 0.432 | 11.30 | 6.65 | 0.542 |
| October | 12.75 | 5.31 | 0.432 | 11.09 | 6.52 | 0.531 |
| November | 12.75 | 5.31 | 0.432 | 11.00 | 6.47 | 0.527 |
| December | — | — | — | — | — | — |
| Average | 12.75 | 5.31 | 0.432 | 11.30 | 6.65 | 0.542 |
| Goderich and Georgian Bay Ports: | | | | | | |
| April | 3.75 | 1.56 | 0.291 | 3.50 | 2.06 | 0.384 |
| May | 3.82 | 1.59 | 0.296 | 3.51 | 2.06 | 0.384 |
| June | 3.74 | 1.56 | 0.291 | 3.50 | 2.06 | 0.384 |
| July | 3.79 | 1.58 | 0.294 | 3.58 | 2.11 | 0.393 |
| August | 3.75 | 1.56 | 0.291 | 3.50 | 2.06 | 0.384 |
| September | 4.51 | 1.88 | 0.350 | 3.67 | 2.16 | 0.402 |
| October | 3.89 | 1.62 | 0.302 | 3.50 | 2.06 | 0.384 |
| November | 3.75 | 1.56 | 0.291 | 3.50 | 2.06 | 0.384 |
| December | 5.63 | 2.34 | 0.436 | 4.71 | 2.77 | 0.516 |
| Average | 3.82 | 1.59 | 0.296 | 3.55 | 2.09 | 0.389 |
| Port Colborne: | | | | | | |
| April | 5.75 | 2.40 | 0.283 | 5.25 | 3.09 | 0.364 |
| May | 5.75 | 2.40 | 0.283 | 5.32 | 3.13 | 0.369 |
| June | 5.75 | 2.40 | 0.283 | 5.50 | 3.24 | 0.382 |
| July | 5.78 | 2.41 | 0.284 | 5.46 | 3.21 | 0.379 |
| August | 5.71 | 2.38 | 0.281 | 5.25 | 3.09 | 0.364 |
| September | 5.75 | 2.40 | 0.283 | 5.25 | 3.09 | 0.364 |
| October | 5.75 | 2.40 | 0.283 | 5.25 | 3.09 | 0.364 |
| November | 5.75 | 2.40 | 0.283 | 5.25 | 3.09 | 0.364 |
| December | — | — | — | — | — | — |
| Average | 5.75 | 2.40 | 0.283 | 5.30 | 3.12 | 0.368 |
| Buffalo and other U.S. Ports: | | | | | | |
| April | 5.40 | 2.22 | 0.258 | — | — | — |
| May | 5.74 | 2.39 | 0.277 | 5.49 | 3.23 | 0.375 |
| June | 5.63 | 2.35 | 0.273 | 4.77 | 2.81 | 0.326 |
| July | 6.00 | 2.50 | 0.290 | 4.50 | 2.65 | 0.307 |
| August | 5.43 | 2.26 | 0.262 | — | — | — |
| September | 5.28 | 2.20 | 0.255 | — | — | — |
| October | 5.29 | 2.20 | 0.255 | — | — | — |
| November | 5.35 | 2.23 | 0.259 | — | — | — |
| December | 5.50 | 2.29 | 0.266 | — | — | — |
| Average | 5.39 | 2.25 | 0.261 | 5.24 | 3.08 | 0.357 |
| Port Colborne to Montreal: | | | | | | |
| April | 7.00 | 2.92 | 0.768 | — | — | — |
| May | 6.98 | 2.91 | 0.766 | 5.57 | 3.28 | 0.863 |
| June | 7.02 | 2.93 | 0.771 | 6.11 | 3.59 | 0.945 |
| July | 7.00 | 2.92 | 0.768 | 5.79 | 3.41 | 0.897 |
| August | 7.00 | 2.92 | 0.768 | 6.08 | 3.58 | 0.942 |
| September | 7.00 | 2.92 | 0.768 | 6.14 | 3.61 | 0.950 |
| October | 7.00 | 2.92 | 0.768 | 5.86 | 3.45 | 0.908 |
| November | 7.00 | 2.92 | 0.768 | 5.69 | 3.46 | 0.911 |
| December | 7.00 | 2.92 | 0.768 | 5.75 | 3.38 | 0.889 |
| Average | 7.00 | 2.92 | 0.768 | 5.82 | 3.42 | 0.900 |

TABLE 30. Water Freight Charges on the Great Lakes for Canadian Flax and Rye

| Fort William - Port Arthur | Flax | | | Rye | | |
|---|---------------------------|------------------------|-----------------------------|---------------------------|------------------------|-----------------------------|
| | Average charge per bushel | Average charge per ton | Average charge per ton-mile | Average charge per bushel | Average charge per ton | Average charge per ton-mile |
| | cents | \$ | cents | cents | \$ | cents |
| Montreal: | | | | | | |
| April | 14.50 | 5.18 | 0.422 | 13.50 | 4.82 | 0.393 |
| May | 14.50 | 5.18 | 0.422 | 13.50 | 4.82 | 0.393 |
| June | 14.50 | 5.18 | 0.422 | - | - | - |
| July | 14.50 | 5.18 | 0.422 | - | - | - |
| August | - | - | 0.422 | 13.50 | 4.82 | 0.393 |
| September | 14.50 | 5.18 | 0.422 | - | - | - |
| October | 14.50 | 5.18 | 0.422 | 13.50 | 4.82 | 0.393 |
| November | 14.50 | 5.18 | 0.422 | - | - | - |
| December | - | - | - | - | - | - |
| Average | 14.50 | 5.18 | 0.422 | 13.50 | 4.82 | 0.393 |
| Goderich and Georgian Bay Ports: | | | | | | |
| April | - | - | - | 4.00 | 1.43 | 0.266 |
| May | - | - | - | 4.00 | 1.43 | 0.266 |
| June | - | - | - | 4.00 | 1.43 | 0.266 |
| July | - | - | - | 4.00 | 1.43 | 0.266 |
| August | - | - | - | 4.61 | 1.65 | 0.307 |
| September | - | - | - | 4.00 | 1.43 | 0.266 |
| October | - | - | - | 4.00 | 1.43 | 0.266 |
| November | - | - | - | 4.00 | 1.43 | 0.266 |
| December | - | - | - | 4.03 | 1.44 | 0.268 |
| Average | - | - | - | 4.06 | 1.45 | 0.270 |
| Port Colborne: | | | | | | |
| April | - | - | - | 6.00 | 2.14 | 0.252 |
| May | - | - | - | 6.00 | 2.14 | 0.252 |
| June | 6.50 | 2.32 | 0.274 | 6.00 | 2.14 | 0.252 |
| July | - | - | - | 6.00 | 2.14 | 0.252 |
| August | - | - | - | 6.00 | 2.14 | 0.252 |
| September | 6.50 | 2.32 | 0.274 | 6.00 | 2.14 | 0.252 |
| October | 6.50 | 2.32 | 0.274 | 6.00 | 2.14 | 0.252 |
| November | 6.56 | 2.34 | 0.276 | 6.00 | 2.14 | 0.252 |
| December | - | - | - | 7.00 | 2.50 | 0.295 |
| Average | 6.54 | 2.34 | 0.276 | 6.02 | 2.15 | 0.254 |
| Buffalo and other U.S. Ports: | | | | | | |
| April | - | - | - | - | - | - |
| May | - | - | - | 6.00 | 2.14 | 0.248 |
| June | - | - | - | 6.00 | 2.14 | 0.248 |
| July | - | - | - | - | - | - |
| August | - | - | - | 5.05 | 1.80 | 0.209 |
| September | - | - | - | 6.00 | 2.14 | 0.248 |
| October | - | - | - | - | - | - |
| November | - | - | - | - | - | - |
| December | - | - | - | - | - | - |
| Average | - | - | - | 5.71 | 2.04 | 0.237 |
| Port Colborne to Montreal: | | | | | | |
| April | - | - | - | 7.50 | 2.68 | 0.705 |
| May | 8.00 | 2.86 | 0.753 | 7.50 | 2.68 | 0.705 |
| June | 8.00 | 2.86 | 0.753 | 7.50 | 2.68 | 0.705 |
| July | - | - | - | - | - | - |
| August | - | - | - | 7.50 | 2.68 | 0.705 |
| September | - | - | - | 7.50 | 2.68 | 0.705 |
| October | 7.90 | 2.82 | 0.742 | 7.50 | 2.68 | 0.705 |
| November | 7.95 | 2.84 | 0.747 | 7.50 | 2.68 | 0.705 |
| December | 8.00 | 2.86 | 0.753 | - | - | - |
| Average | 7.94 | 2.84 | 0.747 | 7.50 | 2.68 | 0.705 |

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