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CANADA

CANAL STATISTICS

1956

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1956

Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

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CANAL STATISTICS

1956

SOURCE AND TREATMENT OF DATA

Since 1955, canal statistics have been compiled using punch cards and the methods of mechanical tabulation. Because of this, it was 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.

The thirty-two 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 4-13. (3) Tables giving detailed data on commodities carried through each of Canada's canals—Tables 14-25. (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 26-32.

Because 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 have been shown since that time. 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 is treated as such in all canal reports issued by the Bureau.

Other revisions introduced last year 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 was the collection of passenger data into one table.

Table 4, "Freight Carried through Selected Canal Networks Excluding Duplications", is an expansion of Table 2 in the 1954 annual report. Seven significant commodities were chosen for inclusion in the table. However, 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 the 1954 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.

Table 5, "Number of Cargo Tons Carried in Interlake Traffic", includes 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 Richelieu 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 detailed study.

Tables 8, 9 and 10 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. 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 may 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.

Included for the first time are tables 12A, 12B and 12C which show the number and registered net tonnage of vessels moving through the Sault Ste. Marie, Welland and St. Lawrence canals, kind of vessel and length; and tables 13A, 13B and 13C which include the number and registered net tonnage of vessels moving through these same canals, by kind of vessel and draft.

The traffic statistics of 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 30, 31 and 32 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 1956 TRAFFIC

The amount of freight transported through Canadian canals during 1956 totalled 40,016,565 tons, an increase of 14.7 per cent over the previous year's total of 34,874,198 tons. Among the more important increases in cargo carried were wheat, corn, oats, barley, bituminous coal, iron ore, crude petroleum and fuel oil. The largest increase recorded was in iron ore shipments which rose to 7,936,838 tons from 6,148,474 in 1955, up by 1,788,364 tons. Wheat cargoes increased to 6,603,106 tons from 5,028,436 and bituminous coal was up by 400,963 tons, rising to 7,539,692 from 7,138,729 in the previous year.

The tonnage of freight locked through the St. Lawrence Canals amounted to 13,499,698 tons, a gain of 2,053,078 tons or 17.9 per cent; traffic through the Welland Ship Canal rose to 23,066,261 tons from 20,893,572, an increase of 2,172,689 tons or 10.4 per cent; the Sault Ste. Marie total advanced 35.8 per cent to 2,989,278 tons from 2,201,075 while the tonnage of freight moved through the Canso Canal in its first full year of operation amounted to 68,395 tons. Of the smaller canals, traffic increased on the Ottawa River, Richelieu River, and Trent canals and decreased on the Rideau, Murray, St. Andrew's and St. Peter's canals.

The general increase in freight carried through all canals was accompanied by a rise in the number of vessel passages to 32,865 from 28,172 in 1955, an increase of 16.7 per cent. Similarly the registered net tonnage increased by 10.2 per cent to

36,022,936 from 32,685,154. On a country of registry basis, Canadian and United Kingdom vessels combined had a registered net tonnage of 31,206,166 compared with 27,842,090 in the previous year. Canadian vessels alone in 1956 constituted 86 per cent of the total registered net tonnage passing through all canals. The registered net tonnage of United States vessels declined to 3,675,511 from 3,798,290 in 1955, while the registered net tonnage of other foreign vessels increased to 1,141,259 from 1,044,774. Passengers carried through all canals declined to 123,241 in 1956 from 178,932 in 1955, while pleasure craft lockages increased to 61,738 from 57,605.

The combined total of freight shipped through the Canadian and United States locks at Sault Ste. Marie amounted to 109,098,446 tons, a decrease of 5,455,289 from 1955. This drop in the amount of cargo carried was primarily due to the strike in the United States steel industry which resulted in shipments of iron ore through the American locks decreasing to 79,063,530 tons from 89,396,865. However, wheat shipments were up by 2,392,400 tons and bituminous coal by 1,184,279 tons.

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 was destined for Lake Erie ports. However, a considerable amount of freight is usually transhipped 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 2,078,773 out of 4,868,666 tons or some 43 per cent of the traffic moving west from the St. Lawrence River was destined for Lake Ontario, while 2,572,779 tons, or a little over 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 to 1,016 in 1956 from 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 Canals from outside points increased to 522,828 tons in 1956 from 509,251 tons in 1955 while cargo moving down the St. Lawrence to these areas totalled 446,731 tons this year as compared with 420,310 in 1955. Vessels of German registry shipped the largest tonnage of cargo both up and down the St. Lawrence from and to outside points respectively.

Tables 12 and 13 show the number and registered net tonnage of vessels using the St. Lawrence, Welland Ship and Sault Ste. Marie Canals. For each canal the greatest registered net tonnage was recorded for vessels of between 240 and 259 feet in length.

Vessels using the Sault Ste. Marie Canal ranged from drafts of 5 feet and under to 28 feet. Excluding the small draft vessels, largely small passenger craft, vessels of 16 foot draft accounted for the largest number of passages (458) with a registered net tonnage of 1,154,530, followed by 419 vessels of 17 foot draft with a registered net tonnage of 1,010,727. On the Welland Ship Canal 2,580 passages were recorded for vessels of 15 foot draft having a registered net tonnage of 3,252,042. Vessels of 14 foot draft held second place with 1,169 passages and a registered net tonnage of 1,354,667. For the St. Lawrence Canals also the greatest activity was recorded by vessels of 15 foot draft with 4,145 passages and a registered net tonnage of 4,913,426.

As shown in table 28, the 1956 season of navigation varied within a day or two for the Welland Ship and St. Lawrence canals, while the Sault Ste. Marie Canal operated 252 days, 6 more than in the preceding year. The Welland Ship Canal was in operation from March 31 to December 20, making four additional days this season. The first vessel passage through the St. Lawrence Canals was on April 12, while the last vessel passed through on December 13, making this season one day shorter than last year. The Canso Canal had 277 days of usage compared with 148 days during the 1955 season. Three of the smaller canals, the Richelieu River, Ottawa River and St. Andrews, also had longer periods of operation this season.

CHARTS

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 1939 to 1956.

Total traffic on all canals rose from 23.3 million tons in 1939 to a record 40.1 million tons in 1956.

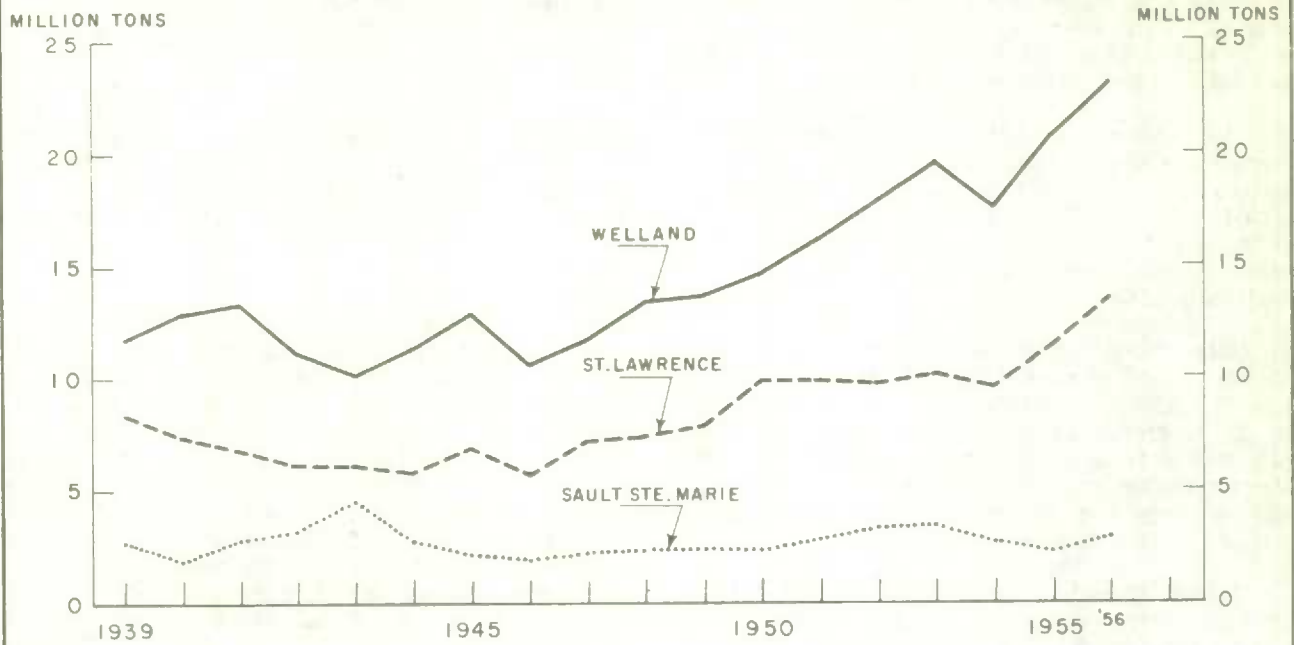
The quantity of shipments through the St. Lawrence Canals tends to follow the pattern of traffic for all canals.

The two charts on page 9 show the trend of the freight traffic and vessel traffic through the three major canal systems, the Welland, St. Lawrence and Sault Ste. Marie Canals from 1939 to 1956.

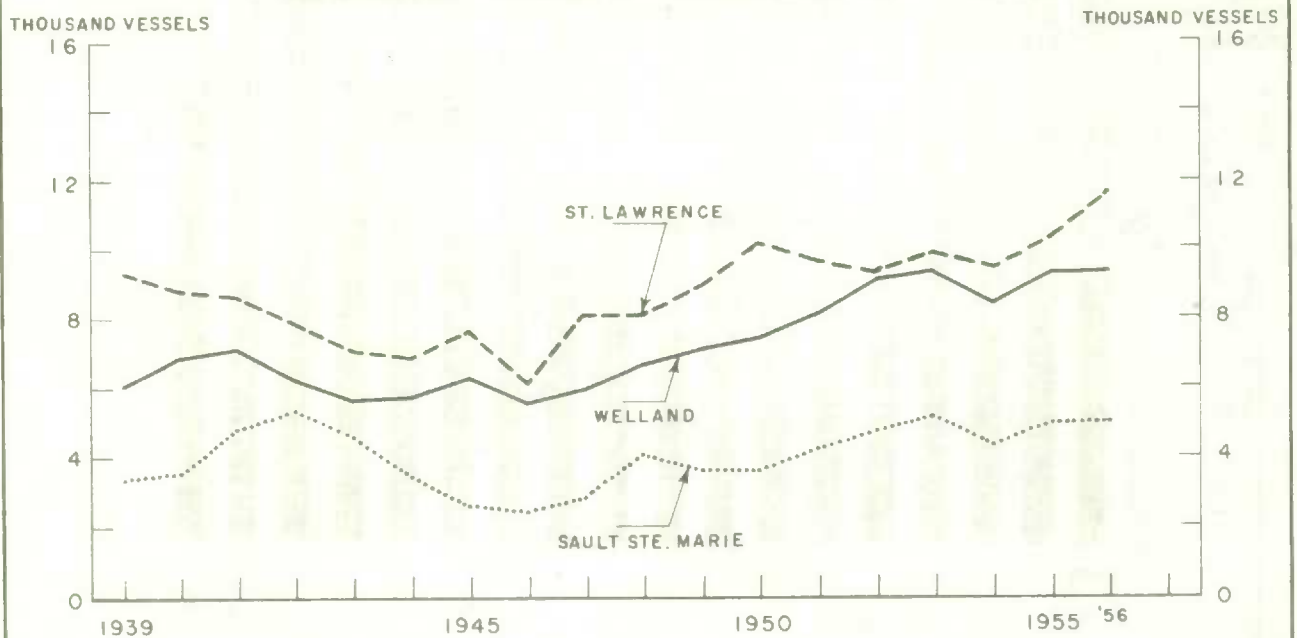
Notes and Symbols:

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

FREIGHT TRAFFIC THROUGH WELLAND, ST. LAWRENCE AND SAULT STE. MARIE CANALS, 1939 - 1956



VESSEL TRAFFIC THROUGH WELLAND, ST. LAWRENCE AND SAULT STE. MARIE CANALS, 1939 - 1956



TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS 1939 — 1956

MILLION TONS
45

MILLION TONS
45

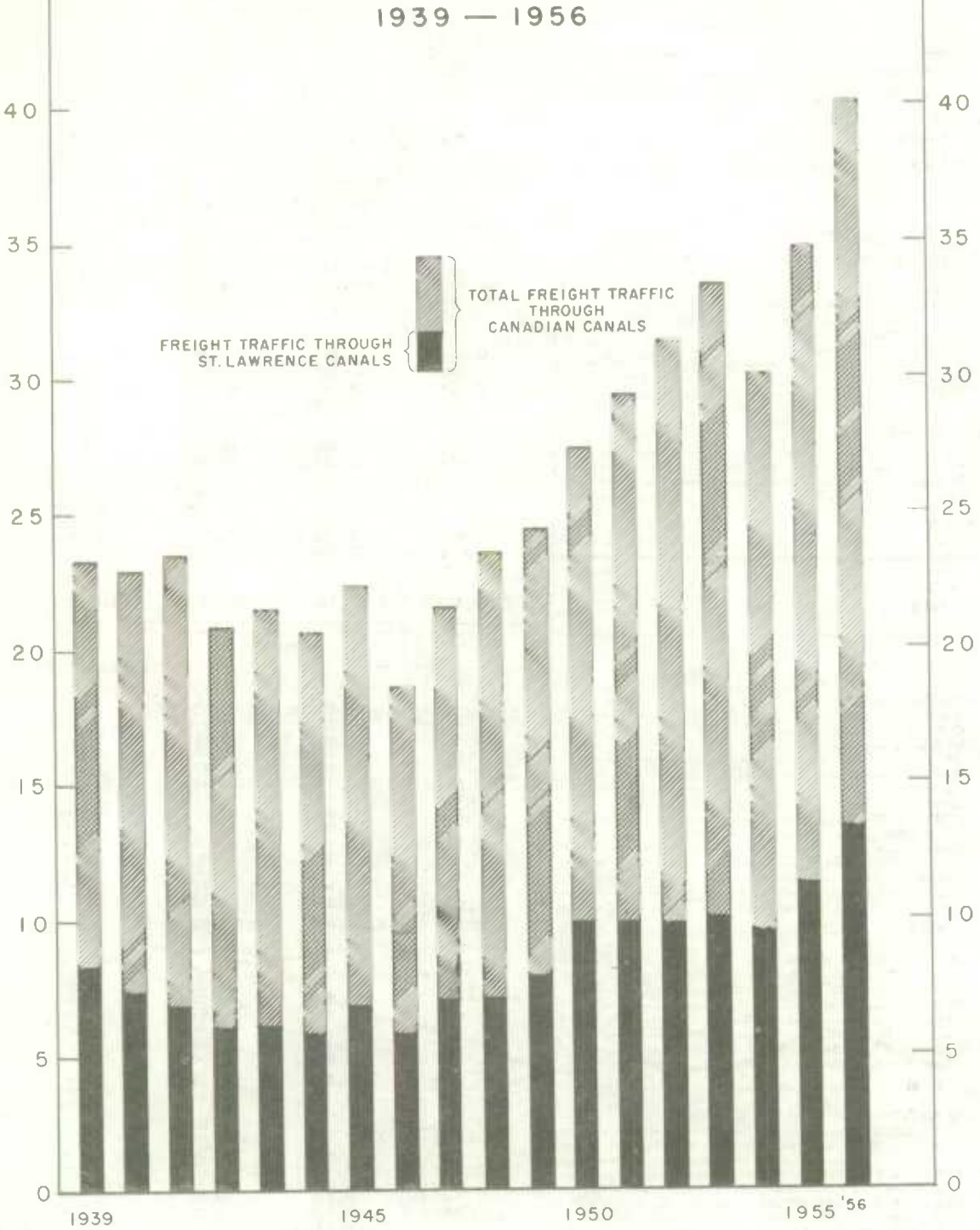


TABLE 1. Total Traffic through Canadian Canals

No.		Sault Ste. Marie	Welland Ship	St. Lawrence	Ottawa River	Richelieu River
		Number of vessels				
1	Canadian vessels	3,568	6,664	10,601	1,558	684
2	United States vessels	1,412	1,970	203	—	24
3	United Kingdom vessels	2	81	171	—	—
4	Other foreign vessels	18	645	675	—	—
5	Total vessels	5,000	9,360	11,650	1,558	708
6	Passengers	121,151	114	36	—	516
		Registered net tonnage of vessels				
	Canadian vessels:					
7	Steam	3,229,955	15,074,146	6,602,115	—	2,331
8	Motor	360,403	1,587,508	2,245,444	26,793	53,097
9	Unrigged	780,866	40,724	356,340	305,889	45,590
10	Other	2,995	1,712	51	—	—
	United States vessels:					
11	Steam	560,961	1,952,857	1,173	—	—
12	Motor	107,262	263,867	15,693	—	632
13	Unrigged	13,223	668,363	66,317	—	—
14	Other	—	14,598	—	—	—
	United Kingdom vessels:					
15	Steam	—	13,608	26,190	—	—
16	Motor	1,454	43,299	98,999	—	—
17	Unrigged	—	—	222	—	—
18	Other	—	—	—	—	—
	Other foreign vessels:					
19	Steam	3,556	80,528	76,565	—	—
20	Motor	13,784	465,560	494,783	—	—
21	Unrigged	—	—	759	—	—
22	Other	—	—	—	—	—
23	Total	5,074,459	20,206,770	9,984,651	332,682	101,650
		Cargo tons				
	Agricultural products:					
24	Wheat	821,140	3,195,295	2,586,671	—	—
25	Corn	—	293,536	193,464	—	—
26	Oats	235,154	319,024	196,585	—	—
27	Barley	294,003	1,314,163	1,052,468	—	—
28	Rye	8,265	253,792	163,770	—	—
29	Flaxseed	13,985	385,379	262,557	—	—
30	Soybeans	3,516	294,725	32,625	—	—
31	Grain screenings	7,898	5,031	5,932	—	—
32	Other grain	—	1,590	2,390	—	—
33	Flour	65,004	6,505	6,374	—	—
34	Other mill products	217,696	9,333	9,998	—	—
35	Hay and straw	—	—	—	—	—
36	Fruit and vegetables	—	360	2,512	—	2,152
37	Other agricultural products	3,900	6,339	8,229	—	—
38	Total	1,670,561	6,085,072	4,523,575	—	2,152
	Animals and animal products:					
39	Cattle and calves	—	—	—	—	—
40	Other live animals and live poultry	—	—	—	—	—
41	Fish	43	4,547	5,127	—	—
42	Dressed meats	—	534	534	—	—
43	Dairy products	—	—	—	—	—
44	Other packing house products	—	1,400	1,400	—	—
45	Other animal products	—	9,041	14,125	—	—
46	Total	43	15,522	21,186	—	—
	Mine products:					
47	Coal, anthracite	—	—	2,688	—	—
48	Coal, bituminous	141,813	5,625,585	1,771,101	—	890
49	Coke	—	27,612	16,380	—	—
50	Iron ore and concentrates	22,078	5,298,719	2,816,041	—	—
51	Copper ore and concentrates	—	2,747	—	—	—
52	Other ores and concentrates	—	36,620	33,988	—	—
53	Petroleum, crude (Foreign)	5,500	476,022	2,200	—	—
54	Petroleum, crude (Canadian)	—	723,722	316,863	—	—
55	Sand, gravel and stone	149,355	134,232	285,075	283,500	—
56	Limestone	3,940	22,847	10,871	—	—
57	Salt	19,426	130,095	113,759	—	—
58	Other mine products	—	93,629	129,716	—	433
59	Total	342,112	12,571,830	5,298,684	283,500	1,323

TABLE 1. Total Traffic through Canadian Canals

Rideau	Trent	Murray	St. Andrew's	St. Peter's	Canso	Total	Compared with 1955		No.
							Increase	Decrease	
Number of vessels									
96	53	138	359	416	3,336	27,473	4,715	-	1
24	28	52	-	14	49	3,776	-	174	2
-	-	-	-	-	13	267	67	-	3
-	-	-	-	-	11	1,349	85	-	4
120	81	190	359	430	3,409	32,865	4,693	-	5
494	-	764	111	55	-	123,241	-	55,691	6
Registered net tonnage of vessels									
565	-	21,597	1,485	1,180	5,910	24,939,284	1,892,998	-	7
1,277	866	2,311	23,287	7,828	107,791	4,416,605	597,601	-	8
1,822	25	1,371	5,866	941	117,791	1,657,225	815,745	-	9
90	-	545	-	681	-	6,074	3,612	-	10
-	-	-	-	-	-	2,514,991	20,439	-	11
287	438	446	-	305	8,678	397,608	11,343	-	12
-	-	402	-	9	-	747,903	-	162,353	13
-	-	-	-	-	-	15,009	7,792	-	14
-	-	-	-	-	1,168	40,966	15,607	-	15
-	-	-	-	-	2,038	145,790	38,291	-	16
-	-	-	-	-	-	222	222	-	17
-	-	-	-	-	-	-	-	-	18
-	-	-	-	-	1,604	162,253	-	15,534	19
-	-	-	-	-	4,120	978,247	111,260	-	20
-	-	-	-	-	-	759	759	-	21
-	-	-	-	-	-	-	-	-	22
4,041	1,329	26,672	30,638	10,944	249,100	36,022,936	3,337,782	-	23
Cargo tons									
-	-	-	-	-	-	6,603,106	1,574,670	-	24
-	-	-	-	-	-	487,000	131,421	-	25
-	-	-	-	-	-	750,763	136,167	-	26
-	-	-	-	-	-	2,660,634	371,079	-	27
-	-	-	-	-	-	425,827	35,124	-	28
-	-	-	-	-	-	661,921	44,352	-	29
-	-	-	-	-	-	330,866	48,995	-	30
-	-	-	-	-	-	18,861	-	6,867	31
-	-	-	1	-	-	3,981	-	1,031	32
-	-	-	136	-	-	78,019	-	25,713	33
-	-	-	9	-	-	237,036	29,746	-	34
-	-	-	27	-	5	32	3	-	35
-	-	-	28	355	2,988	8,395	4,904	-	36
-	-	-	-	-	-	18,468	-	13,735	37
-	-	-	201	355	2,993	12,284,909	2,329,115	-	38
-	-	-	-	-	-	-	-	-	39
-	-	-	-	-	-	-	-	-	40
-	-	-	1,916	661	15,188	27,482	8,892	-	41
-	-	-	9	-	-	1,077	1,067	-	42
-	-	-	-	-	-	-	-	3,400	43
-	-	-	-	-	-	2,800	1,414	-	44
-	-	-	-	-	775	23,941	-	5,429	45
-	-	-	1,925	661	15,963	55,300	2,544	-	46
-	-	-	-	-	10	2,698	-	12,536	47
16	-	-	2	170	115	7,539,692	400,963	-	48
-	-	-	-	-	-	43,992	22,307	-	49
-	-	-	-	-	-	7,936,838	1,788,364	-	50
-	-	-	-	-	-	2,747	2,747	-	51
-	-	-	-	-	-	70,608	-	6,380	52
-	-	-	-	-	-	483,722	-	110,621	53
-	-	-	-	-	-	1,040,585	354,401	-	54
182	-	-	-	5	8,650	860,999	121,803	-	55
-	-	-	-	-	-	37,658	n.a.	n.a.	56
-	-	-	-	-	624	283,904	54,394	-	57
-	-	-	-	-	-	223,780	-	181,260	58
198	-	-	2	175	9,399	18,507,223	2,471,840	-	59

TABLE 1. Total Traffic through Canadian Canals - Concluded

No.		Sault Ste. Marie	Welland Ship	St. Lawrence	Ottawa River	Richelieu River
		Cargo tons				
Forest Products:						
1	Pulpwood	29,620	524,614	486,756	-	-
2	Logs, posts, poles, pitprops, piling	1,196	-	54	-	-
3	Lumber, timber, cooperage stock	2,095	1,500	37,502	-	-
4	Firewood, hogged fuel	-	2,700	-	-	-
5	Other forest products	-	850	-	-	-
6	Total	32,911	529,664	524,312	-	-
Manufactures and Miscellaneous:						
7	Gasoline	66,660	334,977	107,500	-	-
8	Fuel oil	181,753	1,015,649	905,601	-	-
9	Petroleum oils and other petroleum products	42,348	448,760	138,317	-	-
10	Iron, pig and bloom	3,027	93,604	75,795	-	-
11	Iron and steel, bar, sheet, structural, pipe	120,446	30,449	20,253	-	-
12	Iron and steel, other	1,891	877	1,915	-	-
13	Scrap, iron and steel	4,800	302,672	29,453	-	-
14	Metals and alloys	-	4,959	5,265	-	-
15	Agricultural implements	-	-	-	-	-
16	Autos, trucks and parts	10,535	9,362	3,806	-	-
17	Machines, machinery and parts	1,047	1,092	1,905	-	-
18	Fertilizers, all kinds	3,137	1,453	5,425	-	39,803
19	Chemicals and chemical products	400	100,633	12,589	-	8,926
20	Cement, bricks, lime and plaster	-	103,668	139,401	-	-
21	Wood pulp	103,452	72,288	55,220	-	-
22	Newsprint paper	91,583	356,890	164,645	-	24,122
23	Paperboard, pulpboard, wallboard	-	-	8,498	-	-
24	Other manufactured wood products	690	3,964	3,090	-	-
25	Sugar	-	53,051	7,365	-	-
26	Sulphur, natural or synthetic	16,003	57,834	24,974	-	2,150
27	Beverages	-	14	14	-	-
28	Other manufactured products	4,384	42,290	44,606	-	6,562
29	Total	652,156	3,032,486	1,755,637	-	81,562
30	Other freight	291,495	831,687	1,376,304	-	13,926
31	Grand total	2,989,278	23,066,261	13,499,698	283,500	98,963

TABLE 2. Total Freight Carried through Canals in 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	758,305	2,230,973	2,989,278
2	Welland Ship	5,069,312	17,996,949	23,066,261
3	St. Lawrence	5,778,296	7,721,402	13,499,698
4	Ottawa River	-	283,500	283,500
5	Richelieu River	78,613	22,350	98,963
6	Rideau	205	194	399
7	Trent	41	248	289
8	Murray	-	-	-
9	St. Andrew's	5,610	2,472	8,082
10	St. Peter's	727	973	1,700
11	Canso	33,103	35,292	68,395
12	Total Canadian canals	11,722,212	28,294,353	40,016,565
13	Sault Ste. Marie - Canadian and United States ¹	14,524,845	94,576,059	109,100,904

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 1955		No.
							Increase	Decrease	
Cargo tons									
—	—	—	—	—	600	1,041,590	—	24,357	1
—	—	—	—	—	—	1,250	—	790	2
112	—	—	3,472	26	235	44,942	5,001	—	3
—	—	—	—	—	—	2,700	2,684	—	4
—	—	—	—	—	2	852	852	—	5
112	—	—	3,472	26	837	1,091,334	—	16,610	6
2	140	—	835	—	16,094	526,208	—	115,418	7
—	—	—	21	—	13,787	2,116,811	136,338	—	8
—	123	—	33	—	1,936	629,517	12,987	—	9
—	—	—	—	—	—	172,426	—	5,878	10
—	—	—	20	—	—	171,168	—	22,311	11
—	—	—	—	—	—	4,683	—	16,823	12
37	—	—	10	—	—	336,972	79,548	—	13
—	—	—	—	—	—	10,224	—	3,503	14
—	—	—	10	—	—	10	10	—	15
—	—	—	43	—	—	23,746	10,316	—	16
3	—	—	16	—	920	4,983	3,393	—	17
—	—	—	—	—	—	49,818	—	12,440	18
1	—	—	34	—	—	122,582	18,086	—	19
18	—	—	121	—	—	243,208	—	1,113	20
—	—	—	—	—	—	230,960	54,458	—	21
—	—	—	—	—	—	637,240	—	34,330	22
—	—	—	7	—	—	8,505	n.a.	n.a.	23
—	—	—	—	—	—	7,744	1,393	—	24
—	—	—	—	—	—	60,416	—	3,446	25
—	—	—	—	—	—	100,961	n.a.	n.a.	26
—	—	—	98	—	—	126	22	—	27
3	26	—	369	177	11	98,428	n.a.	n.a.	28
64	289	—	1,617	177	32,748	5,556,736	309,183	—	29
25	—	—	865	306	6,455	2,521,063	46,295	—	30
399	289	—	8,082	1,700	68,395	40,016,565	5,142,367	—	31

TABLE 2. Total Freight Carried through Canals in 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	
2,888,441	96.8	85,413	2.9	968	0.0	14,456	0.5	1
19,556,520	84.8	2,861,189	12.4	64,784	0.3	563,768	2.5	2
12,566,734	93.1	54,314	0.4	144,168	1.1	734,462	5.4	3
283,500	100.0	—	—	—	—	—	—	4
98,760	99.8	203	0.2	—	—	—	—	5
399	100.0	—	—	—	—	—	—	6
289	100.0	—	—	—	—	—	—	7
—	—	—	—	—	—	—	—	8
8,082	100.0	—	—	—	—	—	—	9
1,700	100.0	—	—	—	—	—	—	10
60,762	88.8	4,070	6.0	983	1.4	2,580	3.8	11
35,465,187	88.6	3,005,189	7.6	210,923	0.5	1,335,266	3.3	12
20,878,183	19.1	88,207,297	80.8	—	—	15,424 ²	0.0	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	497,053	1,924,737	2,469	265,523	—	—	—	3,137		
Welland Ship	1,102,549	6,061,585	3,143,270	30,901	—	30,974	—	31,412		
St. Lawrence	2,565,400	5,276,663	2,776,725	—	—	54,738	—	60,161		
Ottawa River	—	283,500	—	—	—	—	—	—		
Richelieu River	49,711	5,806	24,122	—	—	—	—	245		
Rideau	205	194	—	—	—	—	—	—		
Trent	41	248	—	—	—	—	—	—		
Murray	—	—	—	—	—	—	—	—		
St. Andrew's	5,610	2,472	—	—	—	—	—	—		
St. Peter's	727	946	—	27	—	—	—	—		
Canso	30,787	28,691	100	4,801	—	—	—	1,800		
Total Canadian canals	4,252,083	13,584,842	5,946,686	301,252	—	85,712	—	96,755		
Sault Ste. Marie—Canadian and United States ¹	689,593	9,545,768	36,011	5,948,054	—	—	—	6,073 ²		
	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
	Cargo tons									
Sault Ste. Marie	66,648	14,608	187,741	21,409	—	—	—	968	—	—
Welland Ship	519,506	828,605	9,975	10,746,993	—	60,873	—	205,606	288	—
St. Lawrence	—	50,414	18,710	2,013,299	—	60,332	—	205,795	42,178	—
Ottawa River	—	—	—	—	—	—	—	—	—	—
Richelieu River	—	—	2,780	16,299	—	—	—	—	—	—
Rideau	—	—	—	—	—	—	—	—	—	—
Trent	—	—	—	—	—	—	—	—	—	—
Murray	—	—	—	—	—	—	—	—	—	—
St. Andrew's	—	—	—	—	—	—	—	—	—	—
St. Peter's	—	—	—	—	—	—	—	—	—	—
Canso	—	—	2,216	—	—	—	—	—	—	—
Total Canadian canals	586,154	893,627	221,422	12,798,000	—	121,205	—	412,369	42,466	—
Sault Ste. Marie—Canadian and United States ¹	9,163,451	75,254,083	4,631,396	3,821,113	—	—	—	968 ²	—	—
	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	Up	Down
	Cargo tons									
Sault Ste. Marie	—	—	—	—	4,394	591	758,305	2,230,973	—	—
Welland Ship	31,505	—	24,776	—	237,443	—	5,069,312	17,996,949	—	—
St. Lawrence	31,173	—	106,293	—	237,817	—	5,778,296	7,721,402	—	—
Ottawa River	—	—	—	—	—	—	—	283,500	—	—
Richelieu River	—	—	—	—	—	—	76,613	22,350	—	—
Rideau	—	—	—	—	—	—	205	194	—	—
Trent	—	—	—	—	—	—	41	248	—	—
Murray	—	—	—	—	—	—	—	—	—	—
St. Andrew's	—	—	—	—	—	—	5,610	2,472	—	—
St. Peter's	—	—	—	—	—	—	727	973	—	—
Canso	—	—	—	—	—	—	33,103	35,292	—	—
Total Canadian canals	62,678	—	131,069	—	479,654	591	11,722,212	28,294,353	—	—
Sault Ste. Marie—Canadian and United States ¹	—	—	—	—	4,394 ²	—	14,524,845	94,576,059	—	—

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	News-print	Pulp-wood	Soft coal	Iron ore	All other freight	Total 1956	Total 1955
Cargo tons of freight carried up										
Ottawa River only	—	—	—	—	—	—	—	—	—	—
Richelieu River only	—	—	—	24,122	—	50	—	52,441	76,613	70,681
St. Lawrence and Ottawa	—	—	—	—	—	—	—	—	—	425
St. Lawrence, Ottawa and Richelieu ¹	—	—	—	—	—	—	—	—	—	—
St. Lawrence and Richelieu ¹	—	—	—	—	—	—	—	16,350	16,350	16,405
St. Lawrence only	—	900	319,063	8,120	130,727	2,836	403,925	1,529,606	2,395,177	2,161,192
St. Lawrence and Welland Ship	—	—	—	152,259	356,029	—	2,212,116	646,365	3,366,769 ²	2,519,040 ²
St. Lawrence, Welland Ship and Sault Ste. Marie	—	—	—	—	—	—	—	79,460	79,460 ²	85,166 ²
Welland Ship only	4,390	40,273	6,700	190,692	—	1,095	317,710	928,999	1,489,859 ²	1,524,561 ²
Welland Ship and Sault Ste. Marie	—	—	—	—	—	—	—	133,224	133,224 ²	131,225 ²
Sault Ste. Marie only	—	—	—	—	146	141,613	—	403,662	545,621 ²	497,563 ²
Rideau	—	—	—	—	—	16	—	189	205	248
Trent	—	—	—	—	—	—	—	41	41	40
Murray	—	—	—	—	—	—	—	—	—	562
St. Andrew's	—	—	—	—	—	—	—	5,610	5,610	5,679
St. Peter's only	—	—	—	—	—	10	—	717	727	1,901
Canso only	—	—	—	—	—	60	—	32,988	33,048	6,112
Canso and St. Peter's ³	—	—	—	—	—	55	—	—	55	—
Canso and St. Lawrence	—	—	—	—	—	—	—	—	—	—
Total	4,390	41,173	325,763	375,193	486,902	145,935	2,933,751	3,829,652	8,142,759	7,020,800
Cargo tons of freight carried down										
Ottawa River only	—	—	—	—	—	—	—	6,194	6,194	5,400
Richelieu River only	—	—	—	—	—	840	—	21,510	22,350	10,044
St. Lawrence and Ottawa	—	—	—	—	—	—	—	277,308	277,306	200,700
St. Lawrence, Ottawa and Richelieu ⁴	—	—	—	—	—	—	—	—	—	—
St. Lawrence and Richelieu ⁴	—	—	—	—	—	—	—	—	—	—
St. Lawrence only	455,021	1,271,875	—	—	—	1,041,938	—	728,244	3,497,078	3,210,028
St. Lawrence and Welland Ship	574,117	1,288,818	—	1,862	—	726,327	—	1,002,128	3,593,252 ²	3,156,369 ²
St. Lawrence, Welland Ship and Sault Ste. Marie	23,330	25,078	—	2,404	—	—	—	25,646	76,460 ²	97,720 ²
Welland Ship only	622,625	1,693,500	1,187,544	4,410	165,985	4,898,163	2,768,893	2,642,341	13,983,461 ²	13,120,584 ²
Welland Ship and Sault Ste. Marie	89,701	147,626	5,500	5,263	2,600	—	—	93,086	343,776 ²	259,923 ²
Sault Ste. Marie only	204,302	673,514	—	86,320	26,674	—	22,078	874,109	1,887,197 ²	1,128,462 ²
Rideau	—	—	—	—	—	—	—	194	194	165
Trent	—	—	—	—	—	—	—	248	248	62
Murray	—	—	—	—	—	—	—	—	—	105
St. Andrew's	—	—	—	—	—	2	—	2,470	2,472	2,433
St. Peter's only	—	—	—	—	—	160	—	813	973	4,882
Canso only	—	—	—	—	600	—	—	34,692	35,292	7,087
Canso and St. Peter's ⁵	—	—	—	—	—	—	—	—	—	—
Canso and St. Lawrence	—	—	—	—	—	—	—	—	—	—
Total	1,969,096	5,100,411	1,193,044	100,239	196,039	6,667,430	2,790,971	5,708,983	23,726,253	21,203,964

1. Down the Richelieu River canal.
2. Traffic through United States locks at Sault Ste. Marie is not considered in eliminating duplications.
3. Down the St. Peter's canal.
4. Up the Richelieu River canal.
5. Up the St. Peter's 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	22,643,653 ⁴	4,377,812 ⁴	60,193,310 ⁴	6,881,073	224,524	94,320,372
Lake Michigan	2,802,812 ⁴	xxx	n.a.	n.a.	730,596	38,247	n.a.
Lake Huron	2,139,935 ⁴	n.a.	xxx	n.a.	160,081	19,359	n.a.
Lake Erie ²	9,254,462 ⁴	n.a.	n.a.	xxx	6,484,999	2,920,094	n.a.
Lake Ontario ³	216,290	187,910	104,518	974,779	xxx	3,716,611	5,199,388
St. Lawrence River	76,177	116,425	24,512	2,572,779	2,078,773	xxx	4,868,666
Total	14,489,876	n.a.	n.a.	n.a.	16,335,522	6,918,835	n.a.

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 1956.

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

No.	Country of registry of vessel	Ports or countries of origin of vessel							
		Canadian Atlantic Coast ports	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	Other British Commonwealth Countries	Belgium	Denmark	Finland
1	Canada	61	93	—	—	—	—	—	—
2	United States	—	6	—	—	—	—	—	—
3	United Kingdom and Northern Ireland	34	—	24	—	—	3	—	—
4	British West Indies and Bermuda	—	—	—	—	—	—	—	—
5	Finland	—	—	—	—	—	—	—	7
6	France	—	—	—	—	—	—	—	—
7	Germany	1	—	12	—	—	18	—	1
8	Italy	—	—	—	—	—	—	—	—
9	Netherlands	—	—	6	—	—	9	—	—
10	Norway	2	—	20	3	5	7	—	2
11	Sweden	—	—	5	—	—	—	1	3
12	Other European Countries	—	—	—	—	—	—	—	—
13	Panama	—	—	—	—	—	—	—	—
14	Other Central American and Caribbean Countries	—	—	—	—	—	—	—	—
15	South American Countries	—	—	—	—	—	1	—	—
16	Total	98	99	67	3	5	38	1	13

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

No.	Country of registry of vessel	Ports or countries of destination of vessel							
		Canadian Atlantic Coast ports	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	Germany
1	Canada	25	10	—	—	—	—	—	—
2	United States	1	15	—	—	—	—	—	—
3	United Kingdom and Northern Ireland	54	—	19	—	—	—	—	—
4	British West Indies and Bermuda	—	—	—	—	—	—	—	—
5	Finland	—	—	5	—	—	—	—	—
6	France	—	—	—	—	—	—	6	—
7	Germany	—	—	25	1	16	1	18	27
8	Italy	—	—	—	—	—	—	—	—
9	Netherlands	—	—	11	—	—	—	17	1
10	Norway	—	—	17	—	2	—	14	2
11	Sweden	—	—	15	—	3	3	11	1
12	Other European Countries	—	—	—	—	—	—	—	—
13	Panama	—	—	—	—	—	—	—	—
14	Other Central American and Caribbean Countries	—	—	—	—	—	—	—	—
15	Total	80	25	92	1	21	4	66	31

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

No.	Country of registry of vessel	Ports or countries at which cargo loaded							
		Canadian Atlantic Coast ports	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	Other British Commonwealth Countries	Belgium	Denmark	Finland
1	Canada	61,728	16,510	—	—	—	—	—	—
2	United States	—	2,200	—	—	—	—	—	—
3	United Kingdom and Northern Ireland	25,457	—	28,080	—	—	3,519	78	1,035
4	Finland	—	—	—	—	—	—	233	6,799
5	France	—	—	—	—	—	632	—	—
6	Germany	907	—	10,249	34	—	23,503	340	1,200
7	Italy	—	—	—	—	—	—	—	—
8	Netherlands	—	—	7,486	—	—	14,933	—	—
9	Norway	683	—	24,704	4,400	7,618	12,955	3,444	2,950
10	Sweden	—	—	2,832	—	—	—	5,433	10,087
11	Other European Countries	—	—	—	—	—	—	—	—
12	Panama	—	—	—	—	—	—	—	—
13	South American Countries	—	—	—	—	—	1,550	—	—
14	Total	88,775	18,710	73,351	4,434	7,618	57,092	9,528	22,071

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

Ports or countries of origin of vessel											Total number of vessels		No.
France	Germany	Italy	Netherlands	Norway	Portugal	Sweden	Other European Countries	Central American and Caribbean Countries	South American Countries	African Countries	1956	1955	
--	--	--	--	--	--	--	--	--	--	--	154	177	1
--	--	--	--	--	--	--	--	--	--	--	6	6	2
--	--	2	--	--	1	1	1	1	1	--	68	52	3
--	--	--	--	--	--	--	--	--	--	--	--	1	4
--	--	--	--	--	--	1	--	--	--	--	8	8	5
10	--	1	--	--	--	--	--	--	--	--	11	12	6
6	56	10	7	--	6	5	3	4	3	1	133	129	7
--	--	1	3	--	1	--	1	--	--	--	8	n.a.	8
4	1	--	15	1	--	6	--	--	--	--	36	35	9
9	4	1	12	16	6	--	--	--	--	1	94	84	10
--	7	--	1	--	--	25	--	--	--	--	42	36	11
--	--	--	--	--	--	--	--	--	--	--	--	3	12
1	--	2	--	--	1	--	--	--	--	--	4	--	13
--	--	--	--	--	--	--	--	--	--	--	--	--	14
--	--	--	--	--	--	--	--	--	--	--	1	1	15
30	68	17	38	17	15	38	5	5	4	2	563	545	16

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

Ports and countries of destination of vessel									Total number of vessels		No.
Italy	Netherlands	Norway	Portugal	Sweden	Other European Countries	Central American and Caribbean Countries	South American Countries	African Countries	1956	1955	
--	--	--	--	--	--	--	--	--	35	49	1
--	--	--	--	--	--	--	--	--	16	12	2
--	--	--	2	--	2	2	1	1	81	53	3
--	--	--	--	3	--	--	--	--	--	1	4
--	--	--	1	--	--	--	--	--	8	8	5
3	11	1	8	--	2	2	7	3	10	11	6
--	4	--	2	--	--	--	--	8	130	128	7
--	4	--	--	--	--	--	--	--	8	n.a.	8
4	14	19	5	--	6	2	3	--	33	34	9
--	3	3	--	2	--	--	--	1	89	81	10
--	--	--	--	--	--	--	--	--	41	36	11
1	--	--	--	--	1	--	--	1	--	3	12
--	--	--	--	--	--	--	--	--	3	--	13
--	--	--	--	--	--	--	--	1	1	1	14
8	36	23	18	5	11	6	11	15	453	417	15

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

Ports or countries at which cargo loaded											Total tons of cargo		No.
France	Germany	Italy	Netherlands	Norway	Portugal	Sweden	Other European Countries	Central American and Caribbean Countries	South American Countries	African Countries	1956	1955	
--	--	--	--	--	--	--	--	--	--	--	78,238	136,739	1
--	--	--	--	--	--	--	--	--	--	--	2,200	--	2
--	--	3,421	--	--	109	605	786	1,297	1,289	--	65,676	44,846	3
3,538	2,261	2,587	--	--	259	4,210	--	--	--	--	11,242	6,717	4
3,671	52,692	13,690	12,074	--	1,585	7,202	6,866	3,214	2,370	51	10,182	10,870	5
--	--	1,805	--	--	207	--	651	--	--	--	139,658	122,916	6
1,272	6,696	--	12,265	930	--	--	--	--	--	--	2,663	--	7
4,321	9,123	4,761	7,788	15,251	1,044	10,003	1,607	--	--	2,738	45,582	42,754	8
--	1,697	85	--	241	--	26,593	707	--	--	--	113,390	103,074	9
1,189	--	2,514	--	--	285	--	784	--	--	--	47,675	36,144	10
--	--	--	--	--	--	--	--	--	--	--	--	3,191	11
--	--	--	--	--	--	--	--	--	--	--	4,772	--	12
13,991	74,469	26,863	32,127	16,422	3,499	48,613	12,306	4,511	3,659	2,789	1,550	--	13
--	--	--	--	--	--	--	--	--	--	--	522,828	509,251	14

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

Country of registry of vessel	Ports or countries at which cargo unloaded					
	Canadian Atlantic Coast Ports	United Kingdom and Northern Ireland	British West Indies and Bermuda	Belgium	Denmark	France
Canada.....	24,982	-	-	-	-	-
United Kingdom and Northern Ireland.....	40,723	24,861	-	-	-	-
British West Indies.....	-	-	-	-	-	-
Finland.....	-	5,715	-	-	785	-
France.....	-	-	-	-	-	4,899
Germany.....	-	32,394	822	17,466	1,410	15,285
Italy.....	-	-	-	-	-	-
Netherlands.....	-	13,285	-	362	-	19,160
Norway.....	-	21,536	-	1,792	-	12,884
Sweden.....	-	17,279	-	2,415	2,565	11,966
Other European Countries.....	-	-	-	-	-	-
Panama.....	-	-	-	-	-	-
Other Central American and Caribbean Countries.....	-	-	-	-	-	-
Total	65,705	115,070	822	22,037	4,760	64,194
	Germany	Italy	Netherlands	Norway	Portugal	Sweden
Canada.....	-	-	-	-	-	-
United Kingdom and Northern Ireland.....	-	84	-	-	1,866	-
British West Indies.....	-	-	-	-	-	-
Finland.....	-	-	-	-	-	2,386
France.....	-	-	-	-	819	-
Germany.....	29,046	3,956	11,751	1,387	6,335	-
Italy.....	-	-	6,095	-	2,917	-
Netherlands.....	1,313	-	4,423	-	-	-
Norway.....	2,884	5,950	13,085	25,740	6,659	-
Sweden.....	1,660	-	2,511	2,854	-	1,693
Other European Countries.....	-	-	-	-	-	-
Panama.....	-	1,000	-	-	-	-
Other Central American and Caribbean Countries.....	-	-	-	-	-	-
Total	34,903	10,990	37,865	29,981	18,596	4,079
	Other European Countries	Central American and Caribbean Countries	South American Countries	African Countries	Total tons of cargo	
					1956	1955
Canada.....	-	-	-	-	24,982	32,051
United Kingdom and Northern Ireland.....	1,896	1,722	1,105	478	72,735	46,138
British West Indies.....	-	-	-	-	-	360
Finland.....	-	-	-	-	8,886	10,350
France.....	22	-	-	3,131	8,671	10,900
Germany.....	1,249	1,570	5,394	6,677	134,744	128,208
Italy.....	-	-	-	-	9,012	n.a.
Netherlands.....	-	-	-	-	38,543	42,198
Norway.....	8,864	675	805	1,355	102,229	102,170
Sweden.....	-	-	-	-	42,943	44,216
Other European Countries.....	-	-	-	-	-	2,319
Panama.....	1,113	-	-	1,270	3,383	-
Other Central American and Caribbean Countries.....	-	-	-	403	403	1,400
Total	13,144	3,967	7,304	13,314	446,731	420,310

TABLE 7. Number of Bushels 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	160,833	—	—	—	283,714	—	444,547
From Canadian Ports to United States Ports:							
In Canadian vessels	—	388,708	—	—	—	—	388,708
From Canadian Ports to Canadian Ports:							
In Canadian vessels	97,574,466	53,295,167	13,292,667	6,439,464	3,451,393	10,654,036	184,707,193
United States Grain:							
From United States Ports to Canadian Ports:							
In Canadian vessels	395,700	108,042	—	104,000	5,704,536	334,857	6,647,135
In United States vessels	—	—	—	—	90,393	—	90,393
From United States Ports to United States Ports:							
In Canadian vessels	—	—	—	585,143	—	247,000	832,143
In United States vessels	7,019,733	740,000	—	1,777,786	855,928	2,332,678	12,726,125
From Canadian Ports to Canadian Ports:							
In Canadian vessels	—	—	—	—	—	71,178	71,178
Total grain	105,150,732	54,531,917	13,292,667	8,906,393	10,385,964	13,639,749	205,907,422
Total Canadian grain in United States vessels	—	—	—	—	—	—	—
Total United States grain in Canadian vessels	395,700	108,042	—	689,143	5,704,536	653,035	7,550,456

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	5,214,324	5,259,705	10,474,029	32,500	1,983,489	2,015,989		
United States	—	1,700	1,700	2,200	50,414	52,614		
United Kingdom and Northern Ireland ..	29,930	57,236	87,166	—	15,499	15,499		
Other	3,861	103,047	106,908	—	250,312	250,312		
Total	5,248,115	5,421,688	10,669,803	34,700	2,299,714	2,334,414		
	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	—	—	—	—	—	—	—	—
United States	—	—	—	—	—	—	—	—
United Kingdom and Northern Ireland ..	29,384	—	29,384	—	—	3,519	78	1,035
Other	45,271	—	45,271	4,400	7,618	53,573	10,205	21,036
Total	74,655	—	74,655	4,400	7,618	57,092	10,283	22,071
	Cargo of French Origin	Cargo of German Origin	Cargo of Italian Origin	Cargo of Netherlands Origin	Cargo of Norwegian Origin	Cargo of Portuguese Origin	Cargo of Swedish Origin	Cargo of Other European Origin
	Cargo tons							
Canada	—	—	—	—	—	—	2,414	2,632
United States	—	—	—	—	—	—	—	—
United Kingdom and Northern Ireland ..	—	—	3,421	—	—	109	605	786
Other	13,998	75,767	25,442	31,833	16,422	2,482	49,558	13,522
Total	13,998	75,767	28,863	31,833	16,422	2,591	52,577	16,940
	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	13,037	7,111	2,575	48,947	5,323,540	7,243,194	12,566,734	
United States	—	—	—	—	2,200	52,114	54,314	
United Kingdom and Northern Ireland ..	1,297	1,289	—	—	71,453	72,735	144,188	
Other	3,214	1,213	—	1,688	381,103	353,359	734,462	
Total	17,548	9,613	2,575	50,635	5,778,296	7,721,402	13,499,698	

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 other British Commonwealth origin	Cargo of Belgian origin	Cargo of Danish origin
		Up	Down	Total	Up	Down	Total	Up	Down	Total				
Cargo tons														
1	Canada	4,098,659	6,629,072	10,727,731	18,203	8,743,997	8,762,200	—	—	—	—	—	—	
2	United States	47,195	25,113	72,308	519,696	2,269,185	2,788,881	—	—	—	—	—	—	
3	United Kingdom and Northern Ireland	19,941	15,819	35,760	675	16,209	16,884	5,465	—	5,465	—	—	2,219	
4	Other	5,685	51,081	56,766	—	246,473	246,473	26,328	—	26,328	2,968	9,050	31,877	
5	Total	4,171,480	6,721,085	10,892,565	536,574	11,275,864	11,814,438	31,793	—	31,793	2,968	9,050	34,096	

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			Cargo of United States origin		
		Up	Down	Total	Up	Down	Total
Cargo tons							
1	Canada	497,053	2,188,844	2,685,897	186,551	15,993	202,544
2	United States	1,056	1,896	2,952	66,741	15,720	82,461
3	United Kingdom and Northern Ireland	—	—	—	—	968	968
4	Other	678	6,073	6,751	1,097	—	1,097
5	Total	498,787	2,196,813	2,695,600	254,389	32,681	287,070

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 Countries		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	783	618	6	88	—	—	—	—	3	—	123	4	—	—
2	Motor	644	621	2	47	—	—	—	—	2	—	52	5	—	—
3	Unrigged	278	266	—	6	—	—	—	—	—	—	19	—	—	—
4	Other	—	—	—	—	—	—	—	—	—	—	1	—	—	—
United States vessels:															
5	Steam	—	3	—	17	—	—	—	—	72	69	8	—	—	—
6	Motor	2	5	9	2	—	—	—	—	601	600	1	9	—	—
7	Unrigged	—	—	—	3	—	—	—	—	5	4	2	—	—	—
8	Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom vessels:															
9	Steam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	Motor	—	—	1	—	—	—	—	—	—	—	—	—	—	—
11	Unrigged	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other foreign vessels:															
13	Steam	1	1	—	—	—	—	—	1	—	—	—	—	—	—
14	Motor	—	1	2	—	—	—	—	1	1	4	2	1	—	—
15	Unrigged	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	Total	1,706	1,515	22	163	—	—	—	2	694	677	208	19	—	—
Registered net tonnage															
Canadian vessels:															
18	Steam	1,654,283	1,115,057	22,280	170,488	—	—	—	—	9,443	—	254,083	4,321	—	—
19	Motor	94,773	76,847	2,506	83,266	—	—	—	—	97	—	95,986	6,928	—	—
20	Unrigged	374,786	335,205	—	15,870	—	—	—	—	—	—	55,005	—	—	—
21	Other	—	—	—	—	—	—	—	—	—	—	2,995	—	—	—
United States vessels:															
22	Steam	—	7,560	—	37,086	—	—	—	—	287,458	208,923	19,934	—	—	—
23	Motor	60	149	783	3,003	—	—	—	—	53,228	48,579	679	783	—	—
24	Unrigged	—	—	—	1,794	—	—	—	—	10,388	843	198	—	—	—
25	Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom vessels:															
26	Steam	—	—	727	—	—	—	—	—	—	—	—	—	—	—
27	Motor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	Unrigged	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other foreign vessels:															
30	Steam	1,014	1,014	—	—	—	—	—	779	—	—	—	—	—	—
31	Motor	—	806	2,470	—	—	—	—	1,256	750	3,900	2,062	930	—	—
32	Unrigged	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Total	2,124,916	1,536,638	26,766	311,507	—	—	—	2,035	361,362	262,245	430,942	12,962	—	—

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 Italian origin	Cargo of Netherlands origin	Cargo of Norwegian origin	Cargo of Portuguese 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																
-	223	142	-	404	-	-	2,414	1,040	13,037	5,225	2,575	41,529	4,183,451	15,373,069	19,556,520	1
-	-	-	-	-	-	-	-	-	-	-	-	-	566,891	2,294,298	2,861,189	2
-	-	-	1,815	-	-	55	-	-	1,297	1,289	-	-	32,756	32,028	64,784	3
23,268	11,039	55,973	15,627	24,436	15,294	1,487	41,783	9,014	2,681	1,196	-	494	286,214	297,554	583,768	4
23,268	11,262	56,115	17,442	24,840	15,294	1,542	44,197	10,054	17,015	7,710	2,575	42,023	5,069,312	17,996,949	23,066,261	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 Finnish origin			Cargo of Swedish origin			Total cargo		Grand total	No.
Up	Down	Total	Up	Down	Total	Up	Down		
Cargo tons									
-	-	-	-	-	-	683,604	2,204,837	2,888,441	1
-	-	-	-	-	-	67,797	17,616	85,413	2
-	-	-	-	-	-	-	968	968	3
3,660	-	3,660	1,469	1,479	2,948	6,904	7,552	14,456	4
3,660	-	3,660	1,469	1,479	2,948	758,305	2,230,973	2,989,278	5

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 Countries		United Kingdom to Canada		United Kingdom to United States		Other Countries to Canada		Other Countries to United States		Total		Grand total		Compared with 1955		No.
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease	
Number of vessels																
-	-	-	-	-	-	-	-	-	-	917	710	1,627	1,501	126	-	1
-	-	-	-	-	-	-	-	-	-	700	673	1,373	1,479	-	106	2
-	-	-	-	-	-	-	-	-	-	295	272	567	373	194	-	3
-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	4
-	-	-	-	-	-	-	-	-	-	80	89	169	163	6	-	5
-	-	-	-	-	-	-	-	-	-	613	616	1,229	1,352	-	123	6
-	-	-	-	-	-	-	-	-	-	7	7	14	24	-	10	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
-	1	-	-	-	-	-	-	-	-	1	1	2	-	2	-	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
1	-	-	-	-	-	-	-	-	-	2	2	4	4	-	-	13
2	-	-	-	-	-	-	-	-	-	7	7	14	12	2	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
3	1	-	-	-	-	-	-	-	-	2,623	2,377	5,000	4,908	92	-	17
Registered net tonnage																
-	-	-	-	-	-	-	-	-	-	1,940,089	1,289,866	3,229,955	2,776,817	453,138	-	18
-	-	-	-	-	-	-	-	-	-	193,362	167,041	360,403	360,885	-	482	19
-	-	-	-	-	-	-	-	-	-	429,791	351,075	780,866	278,223	502,643	-	20
-	-	-	-	-	-	-	-	-	-	2,995	-	2,995	-	2,995	-	21
-	-	-	-	-	-	-	-	-	-	307,392	253,569	560,961	554,504	6,457	-	22
-	-	-	-	-	-	-	-	-	-	54,748	52,514	107,262	109,659	-	2,397	23
-	-	-	-	-	-	-	-	-	-	10,586	2,637	13,223	26,476	-	13,253	24
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
-	727	-	-	-	-	-	-	-	-	727	727	1,454	-	1,454	-	27
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
749	-	-	-	-	-	-	-	-	-	1,763	1,793	3,556	2,884	672	-	30
1,610	-	-	-	-	-	-	-	-	-	6,892	6,892	13,784	10,310	3,474	-	31
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
2,359	727	-	-	-	-	-	-	-	-	2,948,345	2,126,114	5,074,459	4,119,758	954,701	-	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 Countries		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	1,072	1,496	1,660	47	-	-	-	-	3	25	9	1,144	-	-
2	Motor	289	345	265	18	-	1	-	1	5	11	6	156	-	-
3	Unrigged	49	46	-	-	-	-	-	-	4	1	-	2	-	-
4	Other	1	5	1	-	-	-	-	-	-	-	-	-	-	-
United States vessels:															
5	Steam	2	2	192	-	-	-	-	-	49	50	-	199	-	-
6	Motor	12	6	97	8	-	-	-	-	344	331	8	92	-	-
7	Unrigged	1	1	34	8	-	-	-	-	238	239	4	37	-	-
8	Other	-	-	1	-	-	-	-	-	3	11	-	1	-	-
United Kingdom vessels:															
9	Steam	4	-	3	-	-	4	-	-	-	-	-	-	-	2
10	Motor	7	2	6	-	-	5	-	-	-	-	-	10	-	9
11	Unrigged	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other foreign vessels:															
13	Steam	3	5	3	-	-	-	-	3	-	-	-	1	-	8
14	Motor	2	3	7	-	-	13	-	11	-	-	-	10	-	41
15	Unrigged	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Total	1,442	1,911	2,269	81	-	23	-	15	646	668	27	1,652	-	60
Registered net tonnage															
Canadian vessels:															
18	Steam	2,444,309	3,027,622	5,038,740	59,900	-	-	-	-	11,749	35,308	14,293	4,441,880	-	-
19	Motor	344,333	425,071	531,861	24,731	-	516	-	682	2,195	12,614	6,332	238,069	-	-
20	Unrigged	15,392	14,106	-	-	-	-	-	-	4,757	1,148	-	5,321	-	-
21	Other	5	1,613	94	-	-	-	-	-	-	-	-	-	-	-
United States vessels:															
22	Steam	5,888	3,429	782,591	-	-	-	-	-	177,981	172,602	-	810,366	-	-
23	Motor	4,086	758	45,575	728	-	-	-	-	82,660	81,952	1,374	46,736	-	-
24	Unrigged	2,534	1,194	46,990	7,748	-	-	-	-	283,359	269,799	4,934	51,605	-	-
25	Other	-	-	166	-	-	-	-	-	1,225	13,126	-	81	-	-
United Kingdom vessels:															
26	Steam	2,879	-	2,410	-	-	2,838	-	-	-	-	-	-	-	1,328
27	Motor	4,957	1,370	5,316	-	-	3,709	-	-	-	-	-	8,459	-	6,438
28	Unrigged	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other foreign vessels:															
30	Steam	2,415	3,866	2,183	-	-	-	-	2,552	-	-	-	892	-	6,453
31	Motor	1,240	2,391	6,166	-	-	5,721	-	11,488	-	-	-	8,712	-	26,640
32	Unrigged	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Total	2,826,038	3,481,420	6,462,102	83,105	-	12,784	-	14,720	563,926	586,549	26,933	5,612,321	-	42,859

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 Countries to Canada		Other Countries to United States		Total		Grand total		Compared with 1955		No.
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease	
Number of vessels																
-	-	-	-	-	-	-	-	1	-	2,745	2,712	5,457	5,504	-	47	1
-	-	-	-	-	-	-	-	1	-	566	532	1,098	934	164	-	2
-	-	-	-	-	-	-	-	-	-	53	49	102	61	41	-	3
-	-	-	-	-	-	-	-	-	-	2	5	7	6	1	-	4
-	-	-	-	-	-	-	-	-	-	243	251	494	477	17	-	5
-	-	-	-	-	-	-	-	-	-	461	437	898	968	-	70	6
-	-	-	-	-	-	-	-	-	-	277	285	562	685	-	123	7
-	-	-	-	-	-	-	-	-	-	4	12	16	17	-	1	8
-	-	1	-	5	-	-	-	-	-	13	6	19	15	4	-	9
-	8	-	-	7	-	-	-	8	-	28	34	62	49	13	-	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
-	26	-	-	5	-	9	-	35	-	55	43	98	114	-	16	13
-	200	9	-	25	-	11	-	215	-	269	278	547	504	43	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	234	10	-	42	-	20	-	260	-	4,716	4,644	9,360	9,334	26	-	17
Registered net tonnage																
-	-	-	-	-	-	-	-	345	-	7,509,436	7,564,710	15,074,146	14,071,697	1,002,449	-	18
-	-	-	-	-	-	-	-	1,104	-	885,825	701,683	1,587,508	1,378,529	208,979	-	19
-	-	-	-	-	-	-	-	-	-	20,149	20,575	40,724	19,403	21,321	-	20
-	-	-	-	-	-	-	-	-	-	99	1,613	1,712	258	1,454	-	21
-	-	-	-	-	-	-	-	-	-	966,460	986,397	1,952,657	1,937,622	15,235	-	22
-	-	-	-	-	-	-	-	-	-	133,695	130,172	263,867	259,161	4,706	-	23
-	-	-	-	-	-	-	-	-	-	337,817	330,546	668,363	831,118	-	162,755	24
-	-	-	-	-	-	-	-	-	-	1,391	13,207	14,598	7,217	7,381	-	25
-	-	664	-	3,489	-	-	-	-	-	9,442	4,166	13,608	10,826	2,782	-	26
-	3,925	-	-	5,074	-	-	-	4,051	-	19,398	23,901	43,299	33,222	10,077	-	27
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
-	21,267	-	-	3,685	-	7,154	-	30,051	-	45,498	35,030	80,528	89,210	-	8,682	30
-	178,702	3,225	-	19,064	-	7,065	-	193,148	-	229,908	235,652	465,560	421,354	44,206	-	31
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
-	203,894	3,889	-	31,312	-	14,219	-	228,699	-	10,159,118	10,047,652	20,206,770	19,059,617	1,147,153	-	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 Countries		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	1,727	2,253	1,096	1	-	-	-	-	12	-	21	648	-	-
2	Motor	1,632	1,867	231	11	-	-	-	-	3	1	100	169	-	-
3	Unrigged	403	422	-	-	-	-	-	-	-	-	1	1	-	-
4	Other	1	1	-	-	-	-	-	-	-	-	-	-	-	-
United States vessels:															
5	Steam	-	-	-	1	-	-	-	-	-	4	-	-	-	-
6	Motor	7	8	13	9	-	-	-	-	30	32	6	19	-	-
7	Unrigged	4	2	7	-	-	-	-	-	24	23	1	13	-	-
8	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom vessels:															
9	Steam	8	7	2	-	-	4	-	-	-	-	-	-	-	2
10	Motor	26	50	8	-	-	5	-	-	-	-	-	8	-	8
11	Unrigged	-	1	-	-	-	-	-	-	-	-	-	-	-	-
12	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other foreign vessels:															
13	Steam	1	3	-	-	-	1	-	2	-	-	-	8	-	-
14	Motor	4	10	1	-	-	26	-	18	-	-	-	3	-	38
15	Unrigged	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Total	3,813	4,624	1,358	22	-	36	-	20	69	60	129	869	-	48
Registered net tonnage															
Canadian vessels:															
18	Steam	1,945,517	2,568,000	1,294,225	31	-	-	-	-	14,521	-	25,188	754,633	-	-
19	Motor	724,704	962,719	309,944	229	-	-	-	-	2,837	32	27,568	217,411	-	-
20	Unrigged	174,900	181,013	-	-	-	-	-	-	-	-	230	197	-	-
21	Other	50	1	-	-	-	-	-	-	-	-	-	-	-	-
United States vessels:															
22	Steam	-	-	-	650	-	-	-	-	-	523	-	-	-	-
23	Motor	336	1,430	688	139	-	-	-	-	5,795	5,338	1,149	818	-	-
24	Unrigged	1,340	561	2,406	-	-	-	-	-	27,548	28,786	300	5,376	-	-
25	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom vessels:															
26	Steam	6,464	5,464	1,683	-	-	2,838	-	-	-	-	-	-	-	1,328
27	Motor	18,480	38,911	6,968	-	-	3,709	-	-	-	-	-	6,752	-	5,734
28	Unrigged	-	222	-	-	-	-	-	-	-	-	-	-	-	-
29	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other foreign vessels:															
30	Steam	698	3,004	-	-	-	703	-	1,709	-	-	-	6,453	-	-
31	Motor	2,538	8,570	468	-	-	14,961	-	17,305	-	-	-	2,497	-	27,989
32	Unrigged	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Total	2,875,027	3,769,895	1,616,382	1,049	-	22,211	-	19,014	50,701	34,679	54,435	994,137	-	35,051

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 Countries to Canada		Other Countries to United States		Total		Grand total		Compared with 1955		No.
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease	
Number of vessels																
-	-	-	-	-	-	-	-	-	-	2,856	2,902	5,758	5,400	-	-	1
-	-	-	-	-	-	-	-	-	-	1,966	2,048	4,014	3,455	-	-	2
-	-	-	-	-	-	-	-	-	-	404	423	827	629	-	-	3
-	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-	4
-	-	-	-	-	-	-	-	-	-	-	5	5	8	-	-	5
-	-	-	-	-	-	-	-	-	-	56	68	124	89	-	-	6
-	-	-	-	-	-	-	-	-	-	36	38	74	54	-	-	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	5	-	5	-	-	-	1	-	21	13	34	20	-	-	9
-	8	7	-	7	-	1	-	8	-	57	79	138	102	-	-	10
-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
-	27	1	-	5	-	12	-	33	-	52	41	93	107	-	-	13
-	200	11	-	26	-	24	-	220	-	286	295	581	523	-	-	14
-	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	236	24	-	43	-	37	-	262	-	5,735	5,915	11,650	10,388	-	-	17
Registered net tonnage																
-	-	-	-	-	-	-	-	-	-	3,279,451	3,322,664	6,602,115	8,188,198	-	-	18
-	-	-	-	-	-	-	-	-	-	1,065,053	1,180,391	2,245,444	1,942,105	-	-	19
-	-	-	-	-	-	-	-	-	-	175,130	181,210	356,340	280,246	-	-	20
-	-	-	-	-	-	-	-	-	-	50	1	51	488	-	-	21
-	-	-	-	-	-	-	-	-	-	-	1,173	1,173	2,426	-	-	22
-	-	-	-	-	-	-	-	-	-	7,986	7,725	15,693	13,994	-	-	23
-	-	-	-	-	-	-	-	-	-	31,594	34,723	66,317	52,662	-	-	24
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
-	-	3,444	-	3,489	-	-	-	1,480	-	16,560	9,630	26,190	14,533	-	-	26
-	3,925	4,658	-	5,074	-	737	-	4,051	-	39,968	59,031	98,999	72,821	-	-	27
-	-	-	-	-	-	-	-	-	-	-	222	222	-	-	-	28
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
-	22,483	1,256	-	3,685	-	9,189	-	27,385	-	42,213	34,352	76,565	85,693	-	-	30
-	179,602	5,714	-	19,052	-	19,920	-	196,167	-	243,859	250,924	494,783	435,323	-	-	31
-	759	-	-	-	-	-	-	-	-	-	759	759	-	-	-	32
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
-	206,769	15,072	-	31,300	-	29,846	-	229,083	-	4,901,846	5,082,805	9,984,651	9,046,467	-	-	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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Number of vessels														
Ottawa river canals:														
Canadian vessels:														
Motor	462	461	-	-	-	-	-	-	462	461	923	480	443	-
Unrigged	317	318	-	-	-	-	-	-	317	318	635	471	164	-
United States vessels, motor ..	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total	779	779	-	-	-	-	-	-	779	779	1,558	952	606	-
Registered net tonnage														
Canadian vessels:														
Motor	13,423	13,370	-	-	-	-	-	-	13,423	13,370	26,793	16,291	10,502	-
Unrigged	152,729	153,160	-	-	-	-	-	-	152,729	153,160	305,889	219,333	86,556	-
United States vessels, motor ..	-	-	-	-	-	-	-	-	-	-	-	30	-	30
Total	166,152	166,530	-	-	-	-	-	-	166,152	166,530	332,682	235,624	97,028	-
Number of vessels														
Richelieu river canal:														
Canadian vessels:														
Steam	52	40	-	-	-	-	-	-	52	40	92	86	6	-
Motor	66	54	133	2	-	-	16	104	215	160	375	391	-	16
Unrigged	117	100	-	-	-	-	-	-	117	100	217	181	36	-
Other	-	-	-	-	-	-	-	-	-	-	-	6	-	6
United States vessels, motor ..	-	1	17	-	-	-	-	6	17	7	24	36	-	12
United Kingdom vessels, motor	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total	235	195	150	2	-	-	16	110	401	307	708	701	7	-
Registered net tonnage														
Canadian vessels:														
Steam	1,316	1,015	-	-	-	-	-	-	1,316	1,015	2,331	2,522	-	191
Motor	4,371	3,705	22,601	337	-	-	2,963	19,120	29,935	23,162	53,097	55,052	-	1,955
Unrigged	24,599	20,991	-	-	-	-	-	-	24,599	20,991	45,590	41,146	4,444	-
Other	-	-	-	-	-	-	-	-	-	-	-	120	-	120
United States vessels, motor ..	-	29	316	-	-	-	-	287	316	316	632	977	-	345
United Kingdom vessels, motor	-	-	-	-	-	-	-	-	-	-	-	191	-	191
Total	30,286	25,740	22,917	337	-	-	2,963	19,407	56,166	45,484	101,650	100,008	1,642	-
Number of vessels														
Rideau canal:														
Canadian vessels:														
Steam	9	10	-	-	-	-	-	-	9	10	19	22	-	3
Motor	33	20	-	-	-	-	-	-	33	20	53	64	-	11
Unrigged	12	11	-	-	-	-	-	-	12	11	23	30	-	7
Other	-	1	-	-	-	-	-	-	-	1	1	-	1	-
United States vessels, motor ..	10	14	-	-	-	-	-	-	10	14	24	20	4	-
United Kingdom vessels, motor	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Total	64	56	-	-	-	-	-	-	64	56	120	138	-	18

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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Registered net tonnage														
Canadian vessels:														
Steam	266	299	-	-	-	-	-	-	266	299	565	871	-	306
Motor	715	562	-	-	-	-	-	-	715	562	1,277	1,200	77	-
Unrigged	933	889	-	-	-	-	-	-	933	889	1,822	2,072	-	250
Other	-	90	-	-	-	-	-	-	-	90	90	-	90	-
United States vessels, motor	121	166	-	-	-	-	-	-	121	166	287	297	-	10
United Kingdom vessels, motor ..	-	-	-	-	-	-	-	-	-	-	-	48	-	48
Total	2,035	2,006	-	-	-	-	-	-	2,035	2,006	4,041	4,488	-	447
Number of vessels														
Trent canal:														
Canadian vessels:														
Motor	16	36	-	-	-	-	-	-	16	36	52	34	18	-
Unrigged	1	-	-	-	-	-	-	-	1	-	1	-	1	-
United States vessels, motor	17	11	-	-	-	-	-	-	17	11	28	32	-	4
Total	34	47	-	-	-	-	-	-	34	47	81	66	15	-
Registered net tonnage														
Canadian vessels:														
Motor	268	598	-	-	-	-	-	-	268	598	866	461	405	-
Unrigged	25	-	-	-	-	-	-	-	25	-	25	-	25	-
United States vessels, motor	251	187	-	-	-	-	-	-	251	187	438	555	-	117
Total	544	785	-	-	-	-	-	-	544	785	1,329	1,016	313	-
Number of vessels														
Murray canal:														
Canadian vessels:														
Steam	1	-	37	-	-	-	-	-	38	-	38	36	2	-
Motor	31	26	1	1	-	-	3	-	35	27	62	11	51	-
Unrigged	4	3	-	-	-	-	-	-	4	3	7	6	1	-
Other	18	11	-	2	-	-	-	-	18	13	31	-	31	-
United States vessels:														
Motor	2	6	9	1	-	-	-	12	11	19	30	-	30	-
Other	-	2	6	-	3	2	-	9	9	13	22	-	22	-
Total	56	48	53	4	3	2	3	21	115	75	190	53	137	-
Registered net tonnage														
Canadian vessels:														
Steam	470	-	21,127	-	-	-	-	-	21,597	-	21,597	18,661	2,936	-
Motor	1,329	883	10	27	-	-	62	-	1,401	910	2,311	626	1,685	-
Unrigged	976	395	-	-	-	-	-	-	976	395	1,371	2,043	-	672
Other	374	149	-	22	-	-	-	-	374	171	545	-	545	-
United States vessels:														
Motor	28	81	119	34	-	-	-	184	147	299	446	-	446	-
Other	-	32	132	-	48	21	-	169	180	222	402	-	402	-
Total	3,177	1,540	21,388	83	48	21	62	353	24,675	1,997	26,672	21,330	5,342	-
Number of vessels														
St. Andrew's canal:														
Canadian vessels:														
Steam	7	8	-	-	-	-	-	-	7	8	15	34	-	19
Motor	165	165	-	-	-	-	-	-	165	165	330	287	43	-
Unrigged	7	7	-	-	-	-	-	-	7	7	14	32	-	18
Total	179	180	-	-	-	-	-	-	179	180	359	353	6	-

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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Registered net tonnage														
Canadian vessels:														
Steam	693	792	—	—	—	—	—	—	693	792	1,485	3,366	—	1,881
Motor	11,691	11,596	—	—	—	—	—	—	11,691	11,596	23,287	22,719	568	—
Unrigged	2,933	2,933	—	—	—	—	—	—	2,933	2,933	5,866	12,283	—	6,417
Total	15,317	15,321	—	—	—	—	—	—	15,317	15,321	30,638	38,368	—	7,730
Number of vessels														
St. Peter's canal:														
Canadian vessels:														
Steam	5	3	—	—	—	—	—	—	5	3	8	55	—	47
Motor	192	202	—	4	—	—	—	—	192	206	398	680	—	282
Unrigged	3	—	—	—	—	—	—	—	3	—	3	29	—	26
Other	2	5	—	—	—	—	—	—	2	5	7	4	3	—
United States vessels, motor	4	3	—	3	—	—	3	—	7	6	13	16	—	3
Other	—	—	—	1	—	—	—	—	—	1	1	—	1	—
Total	206	213	—	8	—	—	3	—	209	221	430	784	—	354
Registered net tonnage														
Canadian vessels:														
Steam	694	486	—	—	—	—	—	—	694	486	1,180	3,825	—	2,645
Motor	3,916	3,804	—	108	—	—	—	—	3,916	3,912	7,828	16,285	—	8,457
Unrigged	941	—	—	—	—	—	—	—	941	—	941	5,385	—	4,444
Other	6	675	—	—	—	—	—	—	6	675	681	1,596	—	915
Total	5,678	5,081	—	151	—	—	34	—	5,712	5,232	10,944	27,324	—	16,380
United States vessels, motor	121	116	—	34	—	—	34	—	155	150	305	233	72	—
Other	—	—	—	9	—	—	—	—	—	9	9	—	9	—
Total	121	116	—	43	—	—	34	—	155	159	314	233	81	—
Number of vessels														
Canso canal:														
Canadian vessels:														
Steam	445	447	—	—	—	—	—	—	445	447	892	7	885	—
Motor	1,062	1,065	—	16	—	—	6	—	1,066	1,081	2,149	459	1,690	—
Unrigged	144	151	—	—	—	—	—	—	144	151	295	10	285	—
United States vessels, motor	7	5	1	26	2	3	5	—	15	34	49	8	41	—
United Kingdom vessels:														
Steam	—	1	—	—	—	—	—	—	—	1	1	—	1	—
Motor	4	2	—	2	—	—	4	—	8	4	12	11	1	—
Other foreign vessels:														
Steam	—	—	—	1	—	—	—	—	—	1	1	—	1	—
Motor	3	2	1	3	—	—	1	—	5	5	10	—	10	—
Total	1,685	1,673	2	48	2	3	16	—	1,685	1,724	3,409	495	2,914	—
Registered net tonnage														
Canadian vessels:														
Steam	1,960	3,950	—	—	—	—	—	—	1,960	3,950	5,910	2,331	3,579	—
Motor	51,030	53,900	—	2,076	—	—	785	—	51,815	55,976	107,791	24,851	82,940	—
Unrigged	57,497	60,294	—	—	—	—	—	—	57,497	60,294	117,791	1,346	116,445	—
Total	110,487	118,144	—	2,076	—	—	785	—	110,487	119,514	223,872	28,528	209,344	—
United States vessels, motor	438	807	15	4,043	402	1,300	1,673	—	2,528	6,150	8,678	1,359	7,319	—
United Kingdom vessels:														
Steam	—	1,168	—	—	—	—	—	—	—	1,168	1,168	—	1,168	—
Motor	551	239	—	418	—	—	832	—	1,383	655	2,038	1,217	821	—
Other foreign vessels:														
Steam	—	—	—	1,604	—	—	—	—	—	1,604	1,604	—	1,604	—
Motor	526	350	200	2,017	—	—	1,027	—	1,753	2,367	4,120	—	4,120	—
Total	112,002	120,708	215	10,156	402	1,300	4,317	—	116,936	132,164	249,100	31,104	217,996	—

TABLE 12A. Number and Registered Net Tonnage of Vessels Using Sault Ste. Marie Canal by Kind of Vessel and Length

Kind of vessel	59 feet and under		60-79 feet		80-99 feet		100-119 feet		120-139 feet		140-159 feet		160-179 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight	2	3	24	24	12	12	1	—	—	—	12	11	—	—
Passenger	512	510	286	290	—	—	—	—	—	—	—	—	—	—
Freight and Passenger	—	—	—	—	—	—	—	—	1	—	—	—	1	1
Tanker	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Scow or Barge	1	2	3	2	13	12	1	5	1	2	170	168	—	—
Other	32	27	47	52	229	228	24	18	7	12	30	22	—	—
Total	547	542	360	368	254	252	26	23	10	14	212	201	1	1
Registered net tonnage														
Freight	41	60	894	935	1,044	1,056	156	—	—	—	1,944	1,364	—	—
Passenger	12,350	12,272	25,168	25,520	—	—	—	—	—	—	—	—	—	—
Freight and Passenger	—	—	—	—	—	—	—	—	759	—	—	—	759	759
Tanker	—	—	—	—	—	—	—	—	228	—	—	—	—	—
Scow or Barge	10	44	289	182	768	549	219	1,210	421	702	98,600	96,918	—	—
Other	409	367	1,492	1,623	11,440	11,400	3,779	3,578	585	843	6,275	4,708	—	—
Total	12,810	12,743	27,843	28,260	13,252	13,005	4,154	4,788	1,991	1,545	106,819	102,990	759	759
Number of vessels														
Freight	5	5	—	—	30	33	378	295	38	67	5	1	14	23
Passenger	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Freight and Passenger	15	16	—	—	—	—	—	—	—	—	—	—	—	—
Tanker	—	—	1	1	—	—	66	100	5	5	1	1	10	11
Scow or Barge	2	2	1	—	—	—	1	2	—	—	—	—	2	3
Other	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Total	22	23	2	1	31	33	446	397	43	72	6	2	26	37
Registered net tonnage														
Freight	2,535	2,535	—	—	29,443	32,208	493,267	368,285	54,344	95,220	7,772	1,074	35,036	55,194
Passenger	—	—	—	—	—	—	1,372	—	—	—	—	—	—	—
Freight and Passenger	11,385	12,144	—	—	—	—	—	—	—	—	—	—	—	—
Tanker	—	—	679	679	—	—	93,402	143,356	4,410	4,336	1,422	1,546	13,580	14,938
Scow or Barge	1,104	1,104	3,137	—	—	—	1,612	2,192	—	—	—	—	4,122	6,183
Other	—	—	—	—	1,040	—	—	—	—	—	—	—	—	—
Total	15,024	15,783	3,816	679	30,483	32,206	589,653	513,833	58,754	99,556	9,194	2,620	52,738	76,315
Number of vessels														
Freight	—	—	23	16	106	31	29	16	27	23	81	29	—	—
Passenger	11	11	—	—	—	—	—	—	—	—	—	—	—	—
Freight and Passenger	—	—	66	67	—	—	—	—	—	—	—	—	—	—
Tanker	3	16	2	—	1	11	—	1	—	6	—	—	—	9
Scow or Barge	1	—	29	19	28	19	24	14	8	7	3	—	—	2
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	15	27	120	102	135	61	53	31	35	36	84	40	—	—
Registered net tonnage														
Freight	—	—	44,517	32,673	272,545	85,344	82,839	35,424	83,608	76,958	255,265	89,872	—	—
Passenger	15,697	15,697	—	—	—	—	—	—	—	—	—	—	—	—
Freight and Passenger	—	—	177,130	179,600	—	—	—	—	—	—	—	—	—	—
Tanker	8,236	38,448	3,352	—	2,829	30,375	—	2,393	—	17,247	—	—	—	24,894
Scow or Barge	2,850	—	85,075	55,220	77,152	53,582	70,644	40,208	31,704	27,741	8,612	—	—	5,894
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	26,783	54,145	310,074	267,493	352,526	169,301	153,483	78,025	115,312	121,946	263,877	120,660	—	—

TABLE 12A. Number and Registered Net Tonnage of Vessels Using Sault Ste. Marie Canal by Kind of Vessel and Length - Concluded

Kind of vessel	440-459 feet		460-479 feet		480-499 feet		500-519 feet		520-539 feet		540-559 feet		560-579 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight	28	18	30	43	16	1	53	4	33	-	14	-	3	-
Passenger	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	1	11	-	20	-	-	-	-	-	-	-	1	-	-
Scow or Barge	11	16	1	-	1	-	-	-	-	-	1	-	-	-
Other	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	41	45	31	63	17	1	53	4	33	-	15	1	3	-
Registered net tonnage														
Freight	92,900	59,799	95,450	153,336	60,567	3,814	221,438	15,156	162,316	-	77,298	-	15,693	-
Passenger	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	3,962	43,582	-	67,260	-	-	-	-	-	-	-	5,451	-	-
Scow or Barge	41,964	61,064	4,432	-	3,820	-	-	-	-	-	3,820	-	-	-
Other	3,820	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	142,646	164,445	99,882	220,596	64,387	3,814	221,438	15,156	162,316	-	81,118	5,451	15,693	-
580-599 feet 600-619 feet 620-639 feet 640-649 feet 650 feet and over Total														
Up Down Up Down Up Down Up Down Up Down Up Down														
Number of vessels														
Freight	-	-	2	-	-	-	-	-	-	-	-	966	655	
Passenger	-	-	-	-	-	-	-	-	-	-	-	810	811	
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	83	84	
Tanker	-	-	-	-	-	-	-	-	-	-	-	91	193	
Scow or Barge	-	-	-	-	-	-	-	-	-	-	-	302	275	
Other	-	-	-	-	-	-	-	-	-	-	-	371	359	
Total	-	-	2	-	-	-	-	-	-	-	-	2,623	2,377	
Registered net tonnage														
Freight	-	-	11,520	-	-	-	-	-	-	-	-	2,102,432	1,110,305	
Passenger	-	-	-	-	-	-	-	-	-	-	-	54,587	53,489	
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	190,033	192,503	
Tanker	-	-	-	-	-	-	-	-	-	-	-	132,098	394,505	
Scow or Barge	-	-	-	-	-	-	-	-	-	-	-	440,355	352,793	
Other	-	-	-	-	-	-	-	-	-	-	-	28,840	22,519	
Total	-	-	11,520	-	-	-	-	-	-	-	-	2,948,345	2,126,114	

TABLE 12B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Kind of Vessel and Length

Kind of vessel	59 feet and under		60-79 feet		80-99 feet		100-119 feet		120-139 feet		140-159 feet		160-179 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight	3	1	3	1	2	4	3	4	1	1	3	-	4	5
Passenger	-	-	-	-	-	-	-	1	-	-	1	1	-	-
Freight and Passenger	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Tanker	-	-	-	-	-	-	-	-	1	-	-	-	6	3
Scow or Barge	-	1	11	11	18	24	25	34	9	8	3	6	6	6
Other	77	52	126	118	229	229	31	33	29	30	18	16	-	3
Total	80	54	140	131	249	257	59	72	40	39	25	23	16	17
Registered net tonnage														
Freight	3,691	9	1,553	58	238	444	484	672	8,268	177	2,674	-	1,104	1,268
Passenger	-	-	-	-	-	-	-	124	-	-	219	219	-	-
Freight and Passenger	-	-	-	76	-	-	-	-	-	-	-	-	-	-
Tanker	-	-	-	-	-	-	-	-	79	-	-	-	4,080	1,909
Scow or Barge	-	10	546	365	3,130	4,456	11,162	15,681	4,109	3,502	662	4,307	6,138	3,137
Other	905	492	6,635	6,351	19,212	18,006	5,574	5,648	5,242	5,755	5,883	5,204	-	1,630
Total	4,596	511	8,734	6,850	22,580	22,906	17,220	22,125	17,698	9,434	9,438	9,730	11,322	7,944

TABLE 12B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Kind of Vessel and Length - Continued

Kind of vessel	180-199 feet		200-219 feet		220-239 feet		240-259 feet		260-279 feet		280-299 feet		300-319 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight.....	15	20	21	25	77	70	2,077	2,017	15	40	10	8	16	14
Passenger.....	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	-	-	-	-	-	-	9	-	-	-	-	-	-	-
Tanker.....	3	4	42	43	9	5	325	328	2	-	11	13	3	3
Scow or Barge.....	-	2	139	135	104	107	1	1	1	1	-	-	1	1
Other.....	-	-	7	1	11	8	1	2	-	-	-	-	-	-
Total.....	18	26	209	205	201	190	2,413	2,348	18	41	21	21	20	18
Registered net tonnage														
Freight.....	5,554	7,347	10,283	17,972	65,485	59,229	2,572,835	2,444,296	27,484	52,108	14,136	10,816	40,666	28,100
Passenger.....	-	-	-	1,036	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	-	-	-	-	-	-	9,080	-	-	-	-	-	-	-
Tanker.....	1,545	2,290	28,652	29,894	6,870	3,535	401,083	401,737	1,833	-	11,363	13,429	7,270	6,646
Scow or Barge.....	-	1,639	167,635	160,317	128,731	133,260	806	1,161	1,051	1,278	-	-	1,171	2,066
Other.....	-	-	7,677	1,196	10,349	6,644	1,067	1,752	-	-	-	-	-	-
Total.....	7,099	11,276	214,227	210,415	211,435	202,668	2,984,871	2,848,946	30,368	53,382	25,499	24,045	49,107	36,872
320-339 feet 340-359 feet 360-379 feet 380-399 feet 400-419 feet 420-439 feet														
Up Down Up Down Up Down Up Down Up Down Up Down														
Number of vessels														
Freight.....	4	1	29	27	58	43	50	53	77	82	132	115		
Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker.....	3	-	7	8	3	2	4	4	-	1	-	-	-	-
Scow or Barge.....	1	2	-	-	1	2	1	1	-	-	-	-	3	-
Other.....	-	-	1	-	-	-	-	-	-	-	-	1	-	-
Total.....	8	3	37	35	62	47	55	58	77	83	135	118		
Registered net tonnage														
Freight.....	15,982	2,741	76,352	72,855	147,075	108,907	143,597	139,564	245,124	261,214	419,546	354,415		
Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker.....	6,347	-	15,578	19,390	7,035	4,690	11,388	11,388	-	3,200	-	-	-	-
Scow or Barge.....	2,534	5,208	-	-	3,255	6,300	2,674	3,698	-	-	8,780	13,140		
Other.....	-	-	3,055	-	-	-	-	-	-	-	4,380	-	-	-
Total.....	24,863	7,949	94,985	92,245	157,365	119,897	157,659	154,650	245,124	264,414	432,686	367,553		
440-459 feet 460-479 feet 480-499 feet 500-519 feet 520-539 feet 540-559 feet 560-579 feet														
Up Down Up Down Up Down Up Down Up Down Up Down Up Down														
Number of vessels														
Freight.....	60	68	96	124	135	126	35	35	74	82	25	15	7	7
Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker.....	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Scow or Barge.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	61	68	96	124	135	126	35	35	74	82	25	15	7	7
Registered net tonnage														
Freight.....	207,068	245,489	384,970	484,882	587,763	557,694	180,893	173,869	391,158	443,540	125,105	77,401	50,091	45,928
Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker.....	9,573	-	-	-	-	-	-	-	-	-	-	-	-	-
Scow or Barge.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	218,661	245,489	384,970	484,882	587,763	557,694	180,893	173,869	391,158	443,540	125,105	77,401	50,091	45,928

TABLE 12B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Kind of Vessel and Length - Concluded

Kind of vessel	580-599 feet		600-619 feet		620-639 feet		640-649 feet		650 feet and over		Total	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels												
Freight.....	21	7	43	39	101	99	109	49	61	146	3,367	3,328
Passenger.....	—	—	—	—	—	—	—	—	—	—	1	3
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	9	1
Tanker.....	—	—	31	2	31	58	2	—	—	1	484	475
Scow or Barge.....	—	—	—	—	—	—	—	—	—	—	323	345
Other.....	—	—	—	—	—	—	—	—	1	—	532	492
Total.....	21	7	74	41	132	157	111	49	62	147	4,716	4,644
Registered net tonnage												
Freight.....	135,381	44,322	321,451	266,758	825,953	799,508	982,482	412,629	616,559	1,435,695	8,611,005	8,549,765
Passenger.....	—	—	—	—	—	—	—	—	—	—	219	1,379
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	9,080	76
Tanker.....	—	—	298,209	19,212	296,763	557,280	18,678	—	—	9,631	1,126,346	1,084,231
Scow or Barge.....	—	—	—	—	—	—	—	—	—	—	342,364	359,523
Other.....	—	—	—	—	—	—	—	—	125	—	70,104	52,678
Total.....	135,381	44,322	619,660	285,970	1,122,716	1,356,788	1,001,160	412,629	616,684	1,445,326	10,159,118	10,047,652

TABLE 12C. Number and Registered Net Tonnage of Vessels Using St. Lawrence Canals by Kind of Vessel and Length

Kind of vessel	59 feet and under		60-79 feet		80-99 feet		100-119 feet		120-139 feet		140-159 feet		160-179 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight.....	4	4	95	96	273	279	150	154	11	10	10	11	22	22
Passenger.....	1	3	1	2	1	—	2	2	—	—	—	—	—	—
Freight and Passenger.....	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	—	—	—	—	36	35	1	2	—	—	—	—	1	26
Scow or Barge.....	7	5	9	7	20	26	20	15	14	19	9	11	319	324
Other.....	238	239	404	398	93	93	33	34	10	9	14	14	7	8
Total.....	250	252	509	503	423	433	206	207	35	38	33	37	374	377
Registered net tonnage														
Freight.....	1,192	1,224	8,520	8,656	28,697	29,223	31,120	31,753	1,778	1,868	2,307	2,665	6,977	7,388
Passenger.....	20	77	32	80	16	—	133	130	—	—	—	—	—	—
Freight and Passenger.....	—	15	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	—	—	—	—	4,320	4,500	651	861	—	—	—	—	1,491	17,062
Scow or Barge.....	692	144	686	632	1,520	2,604	4,725	3,436	5,141	6,427	3,584	6,884	153,454	156,518
Other.....	6,397	6,173	11,893	11,880	7,480	7,681	4,219	5,672	3,981	3,345	3,779	1,815	1,563	1,751
Total.....	8,301	7,633	21,131	21,248	42,033	44,008	40,848	41,852	10,900	11,640	9,670	12,855	179,056	180,584
Number of vessels														
Freight.....	2	4	29	55	137	142	3,083	3,233	4	5	—	2	3,820	4,017
Passenger.....	1	1	—	—	—	—	—	—	—	—	—	—	6	8
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	7	1
Tanker.....	63	62	113	103	11	8	419	413	—	2	—	—	669	649
Scow or Barge.....	5	6	4	4	19	21	—	—	—	—	—	—	426	438
Other.....	1	—	2	2	3	3	2	1	—	1	—	—	807	802
Total.....	72	73	148	164	170	174	3,511	3,647	4	8	—	2	5,735	5,915
Registered net tonnage														
Freight.....	963	1,340	12,823	40,427	119,671	128,169	3,766,538	3,919,900	3,497	5,803	—	2,196	3,986,083	4,180,612
Passenger.....	751	752	—	—	—	—	—	—	—	—	—	—	952	1,039
Freight and Passenger.....	—	—	—	—	—	—	7,374	—	—	—	—	—	7,374	15
Tanker.....	41,226	41,339	75,450	69,152	7,229	8,504	517,487	508,677	—	1,850	—	—	663,425	649,301
Scow or Barge.....	3,353	3,351	2,422	1,712	24,147	27,128	—	—	—	—	—	—	199,724	209,014
Other.....	50	—	783	911	3,655	3,500	488	61	—	35	—	—	44,288	42,824
Total.....	46,343	46,962	91,478	112,202	154,702	163,299	4,293,887	4,428,638	3,497	7,688	—	2,196	4,901,846	5,082,805

TABLE 13A. Number and Registered Net Tonnage of Vessels Using Sault Ste. Marie Canal by Kind of Vessel and Draft

Kind of vessel	5 feet and under		6 feet		7 feet		8 feet		9 feet		10 feet		11 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight.....	5	4	16	13	—	1	10	19	12	3	11	4	19	4
Passenger.....	512	510	286	290	—	—	—	—	—	—	—	—	—	—
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	—	—	—	—	—	—	1	—	—	3	—	—	1	1
Scow or Barge.....	186	29	4	1	4	3	61	13	35	44	6	97	1	8
Other.....	18	12	26	26	21	26	39	27	68	83	153	153	2	2
Total.....	721	555	332	330	25	30	111	59	115	133	170	254	23	15
Registered net tonnage														
Freight.....	706	80	1,953	404	—	67	6,348	1,429	2,525	175	6,062	496	31,760	1,302
Passenger.....	12,350	12,272	25,168	25,520	—	—	—	—	—	—	—	—	—	—
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	—	—	—	—	—	—	228	—	—	2,244	—	—	1,085	679
Scow or Barge.....	100,541	8,267	10,861	434	11,876	1,740	173,958	6,562	114,640	25,520	13,307	56,260	580	4,118
Other.....	210	502	522	940	647	742	7,009	2,073	3,801	4,913	7,229	7,412	426	426
Total.....	113,809	21,121	38,504	27,298	12,523	2,569	187,541	10,064	120,966	32,852	26,598	64,168	33,851	6,525
Number of vessels														
12 feet		13 feet		14 feet		15 feet		16 feet		17 feet		18 feet		
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	
Number of vessels														
Freight.....	35	4	125	13	186	117	95	79	258	114	146	160	41	118
Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	4	5	1	22	1	46	4	25	25	32	45	43	9	16
Scow or Barge.....	1	—	—	—	—	—	—	1	1	4	1	11	1	64
Other.....	12	14	11	2	14	9	6	4	1	1	—	—	—	—
Total.....	52	23	137	37	219	189	105	109	296	162	201	218	110	261
Registered net tonnage														
Freight.....	44,275	3,121	158,778	15,426	250,702	163,005	182,786	114,432	830,177	169,867	448,277	315,325	125,394	318,467
Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	3,864	6,790	1,085	33,480	1,544	63,515	4,871	40,867	38,320	70,740	65,434	115,522	15,669	60,648
Scow or Barge.....	2,850	—	—	—	—	—	—	2,761	3,056	10,566	2,672	31,562	2,995	205,003
Other.....	2,168	2,210	2,503	407	2,783	1,813	1,317	876	205	205	—	—	—	—
Total.....	53,177	12,121	162,366	49,313	269,304	241,236	188,974	158,956	887,455	267,075	536,778	473,949	300,993	752,178
Number of vessels														
19 feet		20 feet		21 feet		22 feet		23 feet		24 feet				
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down			
Number of vessels														
Freight.....	1	1	—	—	1	—	—	—	—	2	1	—	—	—
Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scow or Barge.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	1	1	—	—	2	—	—	—	—	2	1	—	—	—
Registered net tonnage														
Freight.....	1,444	3,193	—	—	2,746	—	—	—	—	5,001	3,496	—	—	—
Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Freight and Passenger.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tanker.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scow or Barge.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	1,444	3,193	—	—	5,565	—	—	—	—	5,001	3,496	—	—	—

TABLE 13A. Number and Registered Net Tonnage of Vessels Using Sault Ste. Marie Canal by Kind of Vessel and Draft - Concluded

Kind of vessel	25 feet		26 feet		27 feet		28 feet		29 feet		30 feet		Total	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight	-	-	-	-	-	-	1	-	-	-	-	-	966	655
Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	810	811
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	83	84
Tanker.....	-	-	-	-	-	-	-	-	-	-	-	-	91	193
Scow or Barge	-	-	-	-	-	-	-	-	-	-	-	-	302	275
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	371	359
Total.....	-	-	-	-	-	-	1	-	-	-	-	-	2,623	2,377
Registered net tonnage														
Freight	-	-	-	-	-	-	3,496	-	-	-	-	-	2,102,432	1,110,305
Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	54,587	53,489
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	-	190,033	192,503
Tanker.....	-	-	-	-	-	-	-	-	-	-	-	-	132,098	394,505
Scow or Barge	-	-	-	-	-	-	-	-	-	-	-	-	440,355	352,793
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	28,840	22,519
Total.....	-	-	-	-	-	-	3,496	-	-	-	-	-	2,948,345	2,126,114

TABLE 13B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Kind of Vessel and Draft

Kind of vessel	5 feet and under		8 feet		7 feet		8 feet		9 feet		10 feet		11 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels														
Freight	2	3	-	-	4	-	8	5	19	11	20	22	42	42
Passenger.....	-	-	-	-	-	-	-	1	-	-	-	1	1	-
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Tanker.....	-	-	1	-	-	-	6	1	8	1	18	10	40	20
Scow or Barge	59	74	3	20	4	9	12	26	4	40	20	16	198	121
Other.....	90	68	10	14	7	6	17	20	20	29	82	74	213	182
Total.....	151	145	14	34	15	15	43	53	51	81	140	124	495	363
Registered net tonnage														
Freight	10,812	1,883	-	-	7,183	-	8,981	2,981	15,054	9,869	24,886	18,634	46,164	32,760
Passenger.....	-	-	-	-	-	-	-	124	-	-	-	219	219	-
Freight and Passenger.....	-	-	-	-	-	-	-	-	-	-	-	76	1,028	-
Tanker.....	-	-	826	-	-	-	3,853	1,409	9,067	1,119	18,042	8,693	38,321	13,531
Scow or Barge	25,274	29,697	1,636	20,306	4,901	9,323	12,453	28,060	6,924	48,219	17,226	18,177	240,346	144,866
Other.....	2,469	2,365	1,333	1,362	737	386	1,620	2,192	1,554	1,828	6,566	4,980	31,372	18,307
Total.....	38,555	33,945	3,785	21,668	12,821	9,709	26,907	34,766	32,599	61,035	64,720	50,779	357,450	209,464
Number of vessels														
Freight	85	71	331	180	574	330	1,163	1,223	373	95	262	122	245	134
Passenger.....	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	2	-	-	-	2	-	4	-	-	-	-	-	-	-
Tanker.....	37	21	52	37	92	105	91	70	20	34	19	69	27	12
Scow or Barge	17	18	2	9	3	3	-	-	1	2	-	2	-	2
Other.....	35	35	12	13	27	33	13	16	5	2	-	-	-	-
Total.....	176	145	397	240	698	471	1,271	1,309	399	133	281	193	272	148
Registered net tonnage														
Freight	97,715	64,724	411,135	184,975	718,210	377,115	1,562,042	1,489,138	1,257,486	162,497	1,053,474	205,536	1,473,809	340,971
Passenger.....	-	-	-	1,036	-	-	-	-	-	-	-	-	-	-
Freight and Passenger.....	1,802	-	-	-	1,941	-	4,309	-	-	-	-	-	-	-
Tanker.....	42,119	18,334	62,037	45,230	111,455	120,320	110,896	78,867	33,069	42,536	33,884	91,905	123,202	15,344
Scow or Barge	20,826	20,914	5,056	10,223	6,551	3,738	-	-	1,171	3,853	-	3,688	-	5,321
Other.....	4,983	5,013	1,433	3,691	7,091	8,248	2,904	3,886	8,032	420	-	-	-	-
Total.....	167,445	108,985	479,661	245,155	845,248	509,419	1,690,151	1,571,891	1,299,758	209,306	1,067,358	301,129	1,597,011	361,636

TABLE 13B. Number and Registered Net Tonnage of Vessels Using Welland Ship Canal by Kind of Vessel and Draft - Concluded

	19 feet		20 feet		21 feet		22 feet		23 feet		24 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels												
Freight	119	147	67	279	19	259	7	125	11	97	6	173
Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	23	15	27	4	19	7	-	5	-	30	-	33
Scow or Barge	-	-	-	2	-	-	-	1	-	-	-	-
Other	-	-	1	-	-	-	-	-	-	-	-	-
Total	142	162	95	285	38	266	7	131	11	127	6	206
Registered net tonnage												
Freight	929,560	459,030	592,805	1,059,020	168,313	1,076,088	46,491	674,179	78,629	748,482	37,459	1,575,860
Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	136,230	16,077	226,125	10,571	141,330	18,628	-	10,893	-	287,974	-	293,163
Scow or Barge	-	-	-	8,760	-	-	-	4,380	-	-	-	-
Other	-	-	10	-	-	-	-	-	-	-	-	-
Total	1,065,790	475,107	818,940	1,078,351	309,643	1,094,714	46,491	689,452	78,629	1,036,456	37,459	1,869,023
Number of vessels												
Freight	3	4	1	1	1	1	1	-	-	-	2	2
Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	-	-	-	-	1	-	-	-	-	-	1	-
Scow or Barge	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	4	1	1	2	1	1	-	-	-	3	-
Registered net tonnage												
Freight	18,627	26,978	5,635	8,267	5,635	5,635	6,086	-	-	-	18,582	12,185
Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	-	-	-	-	9,573	-	-	-	-	-	9,639	-
Scow or Barge	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total	18,627	26,978	5,635	8,267	15,208	5,635	6,086	-	-	-	28,221	12,185
Number of vessels												
Freight	-	-	-	-	-	-	-	-	2	2	3,367	3,328
Passenger	-	-	-	-	-	-	-	-	-	-	1	3
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	9	1
Tanker	-	-	-	-	-	-	2	1	-	-	484	475
Scow or Barge	-	-	-	-	-	-	-	-	-	-	323	345
Other	-	-	-	-	-	-	-	-	-	-	532	492
Total	-	-	-	-	-	-	2	1	2	2	4,716	4,644
Registered net tonnage												
Freight	-	-	-	-	-	-	-	-	16,232	12,958	8,611,005	8,549,765
Passenger	-	-	-	-	-	-	-	-	-	-	219	1,379
Freight and Passenger	-	-	-	-	-	-	-	-	-	-	9,080	76
Tanker	-	-	-	-	-	-	18,678	9,639	-	-	1,126,346	1,084,231
Scow or Barge	-	-	-	-	-	-	-	-	-	-	342,364	359,523
Other	-	-	-	-	-	-	-	-	-	-	70,104	52,678
Total	-	-	-	-	-	-	18,678	9,639	16,232	12,958	10,159,118	10,047,652

TABLE 13C. Number and Registered Net Tonnage of Vessels Using St. Lawrence Canals by Kind of Vessel and Draft

Kind of vessel	5 feet and under		6 feet		7 feet		8 feet		9 feet		10 feet	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Number of vessels												
Freight	10	100	43	7	84	53	120	63	147	55	92	87
Passenger	3	5	2	2	—	—	—	—	—	—	1	—
Freight and Passenger	—	—	—	1	—	—	—	—	—	—	—	—
Tanker	—	—	—	3	—	6	3	34	—	23	2	53
Scow or Barge	285	131	1	5	8	25	8	11	113	234	4	5
Other	100	104	116	106	362	360	41	39	38	38	59	57
Total	398	340	162	124	454	444	172	147	298	350	158	201
Registered net tonnage												
Freight	2,870	19,587	8,095	997	15,737	4,731	33,020	6,930	98,852	8,771	30,498	20,117
Passenger	68	157	133	130	—	—	—	—	—	—	751	—
Freight and Passenger	—	—	—	15	—	—	—	—	—	—	—	—
Tanker	—	—	—	974	—	1,778	2,032	12,487	—	16,399	1,401	63,051
Scow or Barge	132,295	43,271	190	1,678	2,735	11,807	4,347	5,250	55,085	113,157	877	1,734
Other	6,612	2,683	3,658	3,005	11,858	13,352	3,522	4,270	2,547	1,969	4,840	4,065
Total	141,845	65,698	12,076	6,799	30,330	31,668	42,921	28,937	156,484	140,296	38,367	88,967
11 feet		12 feet		13 feet		14 feet		15 feet		16 feet		
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	
Number of vessels												
Freight	126	151	163	140	941	361	704	610	1,389	2,331	—	34
Passenger	—	1	—	—	—	—	—	—	—	—	—	—
Freight and Passenger	—	—	1	—	—	—	1	—	5	—	—	—
Tanker	44	63	28	113	69	193	158	105	365	50	—	—
Scow or Barge	5	9	1	17	—	2	1	—	—	—	—	—
Other	42	48	38	39	3	3	4	5	3	2	1	1
Total	217	272	231	309	1,013	559	868	720	1,762	2,383	1	35
Registered net tonnage												
Freight	49,011	32,911	143,200	95,760	1,114,452	375,618	848,821	711,353	1,640,597	2,833,260	—	35,365
Passenger	—	752	—	—	—	—	—	—	—	—	—	—
Freight and Passenger	—	—	1,096	—	—	—	1,161	—	5,117	—	—	—
Tanker	10,947	53,003	19,441	106,279	59,061	222,015	182,258	119,694	388,285	45,706	—	—
Scow or Barge	2,339	11,615	573	19,551	—	1,051	1,283	—	—	—	—	—
Other	4,236	4,845	3,889	3,766	1,239	922	1,583	3,668	243	218	61	61
Total	66,533	103,026	168,199	225,356	1,174,752	599,606	1,035,106	834,715	2,034,242	2,879,184	61	35,426
17 feet		18 feet		19 feet		20 feet		21 feet		Total		
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	
Number of vessels												
Freight	—	16	1	3	—	5	—	1	—	—	3,820	4,017
Passenger	—	—	—	—	—	—	—	—	—	—	6	8
Freight and Passenger	—	—	—	—	—	—	—	—	—	—	7	1
Tanker	—	6	—	—	—	—	—	—	—	—	669	649
Scow or Barge	—	—	—	—	—	—	—	—	—	—	426	438
Other	—	—	—	—	—	—	—	—	—	—	807	802
Total	—	22	1	3	—	5	—	1	—	—	5,735	5,915
Registered net tonnage												
Freight	—	22,378	930	3,928	—	7,330	—	1,576	—	—	3,986,083	4,180,612
Passenger	—	—	—	—	—	—	—	—	—	—	952	1,039
Freight and Passenger	—	—	—	—	—	—	—	—	—	—	7,374	15
Tanker	—	7,915	—	—	—	—	—	—	—	—	663,425	649,301
Scow or Barge	—	—	—	—	—	—	—	—	—	—	199,724	209,014
Other	—	—	—	—	—	—	—	—	—	—	44,288	42,824
Total	—	30,293	930	3,928	—	7,330	—	1,576	—	—	4,901,846	5,082,895

TABLE 14. Traffic through Canadian and United States Sault Ste. Marie Canals¹

	Up			Down			Grand Total	Compared with 1955	
	Canadian Canal	United States Canal ²	Total	Canadian Canal	United States Canal ²	Total		Increase	Decrease
Vessel passages	2,623	8,033	10,656	2,377	8,276	10,653	21,309	-	632
Registered net tonnage of vessels	2,948,345	41,111,193	44,059,538	2,126,114	41,915,285	44,041,399	88,100,937	-	3,631,469
Passengers	60,302	1,037	61,339	60,849	1,057	61,906	123,245	-	59,308
Cargo tons									
Paper and Wood pulp	2,925	-	2,925	192,110	2,552	194,662	197,587	-	1,842
Pulpwood, lumber and logs	1,547	-	1,547	31,364	319,060	350,424	351,971	-	79,186
Wheat	-	-	-	821,140	7,799,151	8,620,291	8,620,291	2,392,400	-
Barley	-	-	-	294,003	2,195,131	2,489,134	2,489,134	405,527	-
Oats	-	-	-	235,154	741,276	976,430	976,430	336,570	-
Corn	-	-	-	-	3,042	3,042	3,042	-	121,520
Rye	-	-	-	8,265	483,348	491,613	491,613	177,209	-
Flaxseed	-	-	-	13,985	510,721	524,706	524,706	-	33,862
Flour	537	-	537	64,467	90	64,557	65,094	-	14,285
Other grain and mill products	-	-	-	229,110	61,234	290,344	290,344	50,699	-
Iron ore	-	382,784	382,784	22,078	78,680,746	78,702,824	79,085,608	-	10,311,257
Manufactured iron and steel	4,766	137,987	142,753	117,571	26,220	143,791	286,544	-	180,980
Pig Iron	700	-	700	2,327	204,018	206,345	207,045	-	69,910
Scrap iron	-	45,350	45,350	4,800	310,086	314,886	360,236	103,323	-
Stone	16,245	1,635,488	1,651,733	133,110	-	133,110	1,784,843	151,755	-
Crude oil	-	-	-	5,500	973,972	979,472	979,472	378,496	-
Fuel oil	171,253	284,657	455,910	10,500	-	10,500	466,410	73,906	-
Other petroleum products	26,548	990	27,538	15,800	9,249	25,049	52,587	11,420	-
Gasoline	59,170	315,960	375,130	7,490	-	7,490	382,620	29,931	-
Cement	-	167,901	167,901	-	-	-	167,901	-	9,845
Coal, bituminous	141,813	10,096,235	10,238,048	-	-	-	10,238,048	1,184,279	-
Coal, Anthracite	-	458,295	458,295	-	-	-	458,295	158,210	-
Coke	-	21,672	21,672	-	-	-	21,672	-	23,773
Salt	19,426	93,835	113,261	-	-	-	113,261	-	28,250
Autos	8,696	30,572	39,268	1,839	-	1,839	41,107	-	14,763
Other freight	304,679	93,787	398,466	20,360	23,759	44,119	442,585	-	19,541
Total	758,305	13,765,513	14,523,818	2,230,973	92,343,655	94,574,628	109,098,446	-	5,455,289

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 1956 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 15. Freight Carried through Sault St. 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 Countries		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	—	810,890	—	10,250	—	—	—	—	—	—	—	—	—	—
2	Corn	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	Oats	—	223,194	—	—	—	—	—	—	—	11,960	—	—	—	—
4	Barley	—	271,357	—	22,646	—	—	—	—	—	—	—	—	—	—
5	Rye	—	8,265	—	—	—	—	—	—	—	—	—	—	—	—
6	Flaxseed	—	11,173	—	812	—	—	—	—	—	—	—	2,000	—	—
7	Soybeans	—	—	—	—	—	—	—	—	—	—	—	3,516	—	—
8	Grain screenings	—	7,898	—	—	—	—	—	—	—	—	—	—	—	—
9	Other grain	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	Flour	537	64,467	—	—	—	—	—	—	—	—	—	—	—	—
11	Other mill products	—	-215,703	—	—	—	—	—	—	—	—	—	1,993	—	—
12	Hay and straw	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	Fruit and vegetables	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	Other agricultural products	—	—	—	—	—	—	—	—	—	—	—	—	3,900	—
15	Total	537	1,612,947	—	33,708	—	—	—	—	—	11,960	—	11,409	—	—
Animals and animal products:															
16	Cattle and calves	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	Other live animals and live poultry	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	Fish	—	43	—	—	—	—	—	—	—	—	—	—	—	—
19	Dressed meats	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	Dairy products	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	Other packing house products	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	Other animal products	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	Total	—	43	—	—	—	—	—	—	—	—	—	—	—	—
Mine products:															
24	Coal, anthracite	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Coal, bituminous	—	—	—	—	—	—	—	—	—	141,813	—	—	—	—
26	Coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	Iron ore and concentrates	—	—	—	22,078	—	—	—	—	—	—	—	—	—	—
28	Copper ore and concentrates	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	Other ores and concentrates	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	Petroleum, crude (Foreign)	—	—	—	—	—	—	—	—	—	—	—	5,500	—	—
31	Petroleum, crude (Canadian)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
32	Sand, gravel and stone	700	133,110	—	—	—	—	—	—	—	—	15,545	—	—	—
33	Limestone	—	—	—	—	—	—	—	—	—	—	3,940	—	—	—
34	Salt	19,426	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Other mine products	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Total	20,126	133,110	—	22,078	—	—	—	—	—	—	161,298	5,500	—	—
Forest products:															
37	Pulpwood	—	2,600	—	26,874	—	—	—	—	146	—	—	—	—	—
38	Logs, posts, poles, pitprops, piling	—	—	681	170	—	—	—	—	345	—	—	—	—	—
39	Lumber, timber, cooperage stock	—	1,500	375	220	—	—	—	—	—	—	—	—	—	—
40	Firewood, hogged fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	—
41	Other forest products	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Total	—	4,100	1,056	27,264	—	—	—	—	491	—	—	—	—	—
Manufactures and miscellaneous:															
43	Gasoline	41,267	5,960	—	—	—	—	—	—	11,303	1,530	6,600	—	—	—
44	Fuel oil	119,548	10,500	—	—	—	—	—	—	47,865	—	3,840	—	—	—
45	Petroleum oils and other petroleum products	22,248	15,800	—	—	—	—	—	—	4,300	—	—	—	—	—
46	Iron, pig and bloom	700	2,327	—	—	—	—	—	—	—	—	—	—	—	—
47	Iron and steel, bar, sheet, structural, pipe	2,875	115,225	—	246	—	—	—	—	—	—	—	2,100	—	—
48	Iron and steel, other	1,891	—	—	—	—	—	—	—	—	—	—	—	—	—
49	Scrap, iron and steel	—	—	—	2,400	—	—	—	—	—	—	—	2,400	—	—
50	Metals and alloys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
51	Agricultural implements	—	—	—	—	—	—	—	—	—	—	—	—	—	—
52	Autos, trucks and parts	7,104	1,839	—	—	—	—	—	—	1,592	—	—	—	—	—
53	Machines, machinery and parts	817	—	—	—	—	—	—	—	—	230	—	—	—	—
54	Fertilizers, all kinds	—	—	—	—	—	—	—	3,137	—	—	—	—	—	—
55	Chemicals and chemical products	400	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Cement, bricks, lime and plaster	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Wood pulp	—	1,429	—	99,098	—	—	—	—	—	—	—	—	—	—
58	Newsprint paper	—	10,992	—	80,591	—	—	—	—	—	—	—	—	—	—
59	Paperboard, pulpboard, wallboard	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	Other manufactured wood products	—	690	—	—	—	—	—	—	—	—	—	—	—	—
61	Sugar	—	—	—	—	—	—	—	—	—	—	—	—	—	—
62	Sulphur, natural or synthetic	—	—	—	—	—	—	—	—	—	—	—	16,003	—	—
63	Beverages	—	—	—	—	—	—	—	—	—	—	—	—	—	—
64	Other manufactured products	1,125	2,291	—	—	—	—	—	—	—	—	—	—	—	—
65	Total	197,975	167,053	—	182,335	—	—	—	3,137	65,060	1,760	26,443	4,500	—	—
66	Other freight	278,415	7,484	1,413	138	—	—	—	—	1,097	888	—	—	—	—
67	Grand total	497,053	1,924,737	2,469	265,523	—	—	—	3,137	66,648	14,608	187,741	21,409	—	—

TABLE 15. Freight Carried through Sault Ste. Marie Canal by Country of Loading and Unloading of Cargo, by Commodity

United States to Other Countries		United Kingdom to Canada		United Kingdom to United States		Other Countries to Canada		Other Countries to United States		Total		Grand Total		Compared with 1955		No.
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease	
Cargo tons																
-	-	-	-	-	-	-	-	-	-	-	821,140	821,140	262,844	558,296	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	235,154	235,154	104,328	130,826	-	3
-	-	-	-	-	-	-	-	-	-	-	294,003	294,003	172,481	121,522	-	4
-	-	-	-	-	-	-	-	-	-	-	8,265	8,265	17,963	-	9,698	5
-	-	-	-	-	-	-	-	-	-	-	13,985	13,985	16,428	-	2,443	6
-	-	-	-	-	-	-	-	-	-	-	3,516	3,516	2,949	567	-	7
-	-	-	-	-	-	-	-	-	-	-	7,898	7,898	8,239	-	341	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
-	-	-	-	-	-	-	-	-	-	537	64,467	65,004	75,380	-	10,376	10
-	-	-	-	-	-	-	-	-	-	-	217,696	217,696	189,339	28,357	-	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	3,900	3,900	4,788	-	888	14
-	-	-	-	-	-	-	-	-	-	537	1,670,024	1,670,561	654,739	815,822	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	-	-	-	43	43	2,103	-	2,060	17
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
-	-	-	-	-	-	-	-	-	-	-	43	43	2,103	-	2,060	22
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
-	-	-	-	-	-	-	-	-	-	-	-	-	6,777	-	6,777	24
-	-	-	-	-	-	-	-	-	-	141,813	-	141,813	122,244	19,569	-	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
-	-	-	-	-	-	-	-	-	-	-	22,078	22,078	-	22,078	-	27
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
-	-	-	-	-	-	-	-	-	-	-	5,500	5,500	8,280	-	2,780	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
-	-	-	-	-	-	-	-	-	-	16,245	133,110	149,355	117,636	31,719	-	32
-	-	-	-	-	-	-	-	-	-	3,940	-	3,940	n. a.	n. a.	n. a.	33
-	-	-	-	-	-	-	-	-	-	19,426	-	19,426	3,443	15,983	-	34
-	-	-	-	-	-	-	-	-	-	-	-	-	8,064	8,064	-	35
-	-	-	-	-	-	-	-	-	-	181,424	160,688	342,112	266,444	75,668	-	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
-	-	-	-	-	-	-	-	-	-	146	29,474	29,620	117,767	-	86,147	38
-	-	-	-	-	-	-	-	-	-	1,026	170	1,196	1,740	-	544	39
-	-	-	-	-	-	-	-	-	-	375	1,720	2,095	130	1,965	-	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	-	-	-	-	-	-	-	-	1,547	31,364	32,911	119,637	-	86,726	42
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
-	-	-	-	-	-	-	-	-	-	59,170	7,490	66,660	112,984	-	46,324	44
-	-	-	-	-	-	-	-	-	-	171,253	10,500	181,753	149,537	32,216	-	45
-	-	-	-	-	-	-	-	-	-	26,548	15,800	42,348	35,841	6,507	-	46
-	-	-	-	-	-	-	-	-	-	700	2,327	3,027	22,450	-	19,423	47
-	-	-	-	-	-	-	-	-	-	2,875	117,571	120,446	126,559	-	6,113	48
-	-	-	-	-	-	-	-	-	-	1,891	-	1,891	7,386	-	5,495	49
-	-	-	-	-	-	-	-	-	-	-	4,800	4,800	2,450	2,350	-	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	8,696	1,839	10,535	7,553	2,982	-	52
-	-	-	-	-	-	-	-	-	-	817	230	1,047	-	1,047	-	53
-	-	-	-	-	-	-	-	-	-	-	3,137	3,137	1,185	1,952	-	54
-	-	-	-	-	-	-	-	-	-	400	-	400	695	-	295	55
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56
-	-	-	-	-	-	-	-	-	2,925	2,925	100,527	103,452	87,438	16,014	-	57
-	-	-	-	-	-	-	-	-	-	-	91,583	91,583	107,048	-	15,465	58
-	-	-	-	-	-	-	-	-	-	-	-	-	n. a.	n. a.	n. a.	59
-	-	-	-	-	-	-	-	-	-	-	690	690	1,110	-	420	60
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61
-	-	-	-	-	-	-	-	-	-	16,003	-	16,003	n. a.	n. a.	n. a.	62
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63
-	968	-	-	-	-	-	-	-	-	1,125	3,259	4,384	n. a.	n. a.	n. a.	64
-	968	-	-	-	-	-	-	-	2,925	292,403	359,753	652,156	662,276	-	10,080	65
-	-	-	-	-	-	-	-	1,469	591	282,394	9,101	291,495	295,916	-	4,421	66
-	968	-	-	-	-	-	-	4,394	591	758,305	2,230,973	2,989,278	2,201,075	788,203	-	67

TABLE 16. 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 countries		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	32,593	2,927,734	7,680	—	—	—	—	—	—	210,592	—	16,696
2	Corn	—	96,639	2,731	—	—	—	—	—	23,966	—	—	170,200
3	Oats	—	319,024	—	—	—	—	—	—	—	—	—	—
4	Barley	4,390	1,280,091	—	9,329	—	—	—	—	—	—	—	—
5	Rye	4,413	180,305	—	—	—	—	—	—	—	17,760	—	2,593
6	Flaxseed	3,466	300,306	—	—	—	—	—	—	—	66,162	—	2,912
7	Soybeans	—	45,651	—	—	—	—	—	—	—	72,231	—	9,376
8	Grain screenings	—	4,786	—	—	—	—	—	—	2,108	—	—	246,966
9	Other grain	—	1,590	—	—	—	—	—	—	—	—	—	245
10	Flour	200	854	—	—	—	—	—	—	—	—	—	—
11	Other mill products	—	5,930	—	—	—	3,955	—	1,230	—	—	—	—
12	Hay and straw	—	—	—	—	—	—	—	—	—	—	—	—
13	Fruit and vegetables	—	—	—	—	—	—	—	—	—	—	—	—
14	Other agricultural products	15	4,424	—	—	—	—	—	—	—	—	—	1,900
15	Total	45,077	5,167,334	10,411	9,329	—	3,955	—	1,230	2,108	390,711	—	452,881
	Animals and animal products:												
16	Cattle and calves	—	—	—	—	—	—	—	—	—	—	—	—
17	Other live animals and live poultry	—	—	—	—	—	—	—	—	—	—	—	—
18	Fish	200	310	4,037	—	—	—	—	—	—	—	—	—
19	Dressed meats	—	—	—	—	—	—	—	—	—	—	—	—
20	Dairy products	—	—	—	—	—	—	—	—	—	—	—	—
21	Other packing house products	—	—	—	—	—	—	—	—	—	—	—	—
22	Other animal products	64	116	182	—	—	6	—	—	—	—	—	—
23	Total	264	426	4,219	—	—	6	—	—	—	—	—	—
	Mine products:												
24	Coal, anthracite	—	—	—	—	—	—	—	—	—	—	—	—
25	Coal, bituminous	1,095	7,000	—	—	—	—	—	—	—	—	—	5,617,490
26	Coke	3,220	—	—	—	—	3,240	—	4,500	—	—	—	7,162
27	Iron ore and concentrates	7,581	—	2,522,245	—	—	—	—	—	—	—	—	2,768,893
28	Copper ore and concentrates	—	—	2,747	—	—	—	—	—	—	—	—	—
29	Other ores and concentrates	26,658	—	2,632	—	—	—	—	—	—	—	—	—
30	Petroleum, crude (Foreign)	—	3,500	—	—	—	—	—	—	2,000	—	4,700	465,822
31	Petroleum, crude (Canadian)	—	223,670	—	—	—	—	—	—	—	—	—	500,052
32	Sand, gravel and stone	71,378	16,760	3,108	—	—	—	—	—	—	—	—	40,986
33	Limestone	—	—	—	—	—	—	—	—	—	—	—	22,847
34	Salt	—	38,502	—	—	—	—	—	—	—	—	—	91,593
35	Other mine products	5,029	6,300	40,937	—	—	—	—	—	—	—	—	31,951
36	Total	114,961	297,732	2,571,669	—	—	3,240	—	4,500	2,000	—	4,700	9,546,796
	Forest products:												
37	Pulpwood	233,436	168,585	121,043	—	—	—	—	—	—	—	—	—
38	Logs, posts, poles, pitprops, piling	—	—	—	—	—	—	—	—	—	—	—	—
39	Lumber, timber, cooperage stock	—	1,500	—	—	—	—	—	—	—	—	—	—
40	Firewood, hogged fuel	—	—	2,700	—	—	—	—	—	—	—	—	—
41	Other forest products	—	—	—	—	—	—	—	—	—	—	—	850
42	Total	233,436	170,085	123,743	—	—	—	—	—	—	—	—	850
	Manufactures and miscellaneous:												
43	Gasoline	142,095	12,794	1,400	—	—	—	—	—	11,070	132,646	—	34,972
44	Fuel oil	167,260	237,406	—	—	—	—	—	—	230,806	49,895	2,200	328,282
45	Petroleum oils and other petroleum products	107,752	37,022	—	—	—	—	—	—	183,935	87,225	2,500	39,634
46	Iron, pig and bloom	610	825	60,170	—	—	—	—	—	6,458	12,628	—	12,913
47	Iron and steel, bar, sheet, structural, pipe	886	18,681	—	—	—	1,004	—	—	—	—	—	3,516
48	Iron and steel, other	214	—	300	—	—	—	—	—	—	—	—	—
49	Scrap, iron and steel	—	4,009	23,600	—	—	—	—	—	4,625	6,224	—	261,189
50	Metals and alloys	—	—	4,959	—	—	—	—	—	—	—	—	—
51	Agricultural implements	—	—	—	—	—	—	—	—	—	—	—	—
52	Autos, trucks and parts	3,500	3,908	—	—	—	—	—	—	—	—	—	—
53	Machines, machinery and parts	517	—	—	—	—	—	—	—	—	—	575	—
54	Fertilizers, all kinds	—	—	—	—	—	—	—	—	1,453	—	—	—
55	Chemicals and chemical products	2,655	3,000	2,650	—	—	4,064	—	—	1,819	8,068	75,776	—
56	Cement, bricks, lime and plaster	4,264	—	—	—	—	—	—	—	—	71,300	—	—
57	Wood pulp	8,746	862	25,880	17,172	—	1,429	—	—	—	—	—	—
58	Newsprint paper	—	9,539	310,796	4,400	—	—	—	—	—	31,092	—	—
59	Paperboard, pulpboard, wallboard	—	—	—	—	—	—	—	—	—	—	—	—
60	Other manufactured wood products	—	1,075	—	—	—	1,289	—	—	—	—	—	1,600
61	Sugar	—	750	—	—	—	—	—	—	—	44,936	—	—
62	Sulphur, natural or synthetic	—	—	—	—	—	—	—	—	—	—	—	57,834
63	Beverages	—	—	—	—	—	—	—	—	—	—	—	—
64	Other manufactured products	5,112	9,499	1,500	—	—	2,374	—	3,033	14,100	2,200	—	3,075
65	Total	443,611	339,370	431,253	21,572	—	10,170	—	6,305	514,890	437,894	5,275	743,015
66	Other freight	265,200	86,638	1,973	—	—	13,603	—	19,377	508	—	—	3,451
67	Grand total	1,102,549	6,061,585	3,143,270	30,901	—	30,974	—	31,412	519,506	828,605	9,975	10,746,993

TABLE 16. 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 countries		United Kingdom to Canada		United Kingdom to United States		Other countries to Canada		Other countries to United States		Total		Grand Total		Compared with 1955		No.	
Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease		
Cargo tons																			
—	—	—	—	—	—	—	—	—	—	—	—	40,273	3,155,022	3,195,295	2,738,209	457,086	—	1	
—	—	—	—	—	—	—	—	—	—	—	—	2,731	290,805	293,536	214,023	79,513	—	2	
—	—	—	—	—	—	—	—	—	—	—	—	—	319,024	319,024	317,544	1,480	—	3	
—	—	—	—	—	—	—	—	—	—	—	—	4,390	1,309,773	1,314,163	1,234,722	79,441	—	4	
—	—	—	—	—	—	—	—	—	—	—	—	4,413	249,379	253,792	186,268	67,524	—	5	
—	—	—	—	—	—	—	—	—	—	—	—	3,466	381,913	385,379	358,911	26,468	—	6	
—	—	—	—	—	—	—	—	—	—	—	—	2,108	292,617	294,725	245,379	49,346	—	7	
—	—	—	—	—	—	—	—	—	—	—	—	—	5,031	5,031	9,138	—	4,107	8	
—	—	—	—	—	—	—	—	—	—	—	—	—	1,590	1,590	1,592	—	2	9	
—	—	—	266	—	—	—	—	—	—	—	—	200	6,305	6,505	14,733	—	8,228	10	
—	—	—	1,410	—	—	—	—	—	—	—	—	—	9,333	9,333	8,631	702	—	11	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	
—	360	—	—	—	—	—	—	—	—	—	—	—	360	360	255	105	—	13	
—	—	—	—	—	—	—	—	—	—	—	—	15	6,324	6,339	6,483	—	144	14	
—	360	—	1,676	—	—	—	—	—	—	—	—	57,596	6,027,476	6,085,072	5,335,888	749,184	—	15	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17	
—	—	—	—	—	—	—	—	—	—	—	—	4,237	310	4,547	2,707	1,840	—	18	
—	—	—	534	—	—	—	—	—	—	—	—	—	534	534	—	534	—	19	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,700	—	1,700	20	
—	—	—	1,400	—	—	—	—	—	—	—	—	—	1,400	1,400	693	707	—	21	
—	—	—	7,673	—	—	—	—	—	—	1,000	—	1,246	7,795	9,041	11,510	—	2,469	22	
—	—	—	9,607	—	—	—	—	—	—	1,000	—	5,483	10,839	15,522	16,610	—	1,088	23	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24	
—	—	—	—	—	—	—	—	—	—	—	—	1,095	5,624,490	5,625,585	5,417,812	207,773	4,466	25	
—	—	—	9,490	—	—	—	—	—	—	—	—	3,220	24,392	27,612	13,398	14,214	—	26	
—	—	—	—	—	—	—	—	—	—	—	—	2,529,826	2,768,893	5,298,719	4,397,907	900,812	—	27	
—	—	—	—	—	—	—	—	7,330	—	—	—	2,747	—	2,747	—	2,747	—	28	
—	—	—	—	—	—	—	—	—	—	—	—	36,620	—	36,620	37,932	—	1,312	29	
—	—	—	—	—	—	—	—	—	—	—	—	6,700	469,322	476,022	586,063	—	110,041	30	
—	—	—	—	—	—	—	—	—	—	—	—	—	723,722	723,722	417,969	305,753	—	31	
—	—	—	—	—	—	—	—	—	—	—	—	74,486	59,746	134,232	172,076	—	37,844	32	
—	—	—	—	—	—	—	—	—	—	—	—	—	22,847	22,847	n.a.	n.a.	n.a.	33	
—	—	—	—	—	—	—	—	—	—	—	—	—	130,095	130,095	105,058	25,037	—	34	
—	—	—	—	—	—	9,412	—	—	—	—	—	55,378	38,251	93,629	153,859	—	60,230	35	
—	—	—	9,490	—	—	9,412	—	7,330	—	—	—	2,710,072	9,861,758	12,571,830	11,306,540	1,265,290	—	36	
—	—	—	—	—	—	—	—	—	—	1,550	—	356,029	168,585	524,614	509,563	15,048	—	37	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	38	
—	—	—	—	—	—	—	—	—	—	—	—	—	1,500	1,500	730	770	—	39	
—	—	—	—	—	—	—	—	—	—	—	—	2,700	—	2,700	—	2,700	—	40	
—	—	—	—	—	—	—	—	—	—	—	—	—	850	850	—	850	—	41	
—	—	—	—	—	—	—	—	—	—	1,550	—	358,729	170,935	529,664	510,296	19,368	—	42	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	43	
—	—	—	—	—	—	—	—	—	—	—	—	154,565	180,412	334,977	422,926	—	87,949	43	
—	—	—	—	—	—	—	—	—	—	—	—	400,066	615,583	1,015,649	845,764	169,885	—	44	
—	—	—	1,375	—	—	—	—	7,317	—	—	—	281,504	165,256	446,760	450,555	—	3,795	45	
—	—	—	—	—	—	—	—	—	—	—	—	67,238	26,366	93,604	113,228	—	19,624	46	
—	—	—	—	—	—	—	—	—	—	—	—	6,362	23,201	30,449	50,406	—	19,957	47	
—	—	—	—	—	—	—	—	—	—	—	—	363	—	877	8,825	—	7,948	48	
—	3,025	—	—	—	—	—	—	—	—	—	—	28,225	274,447	302,672	241,163	61,509	—	49	
—	—	—	—	—	—	—	—	—	—	—	—	4,959	—	4,959	7,518	—	2,559	50	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	51	
—	—	—	230	—	—	637	—	—	—	1,087	—	5,224	4,138	9,362	3,682	5,680	—	52	
—	—	—	—	—	—	—	—	—	—	—	—	1,092	—	1,092	383	709	—	53	
—	—	—	—	—	—	—	—	—	—	—	—	—	1,453	1,453	3,235	—	1,782	54	
—	—	—	—	—	—	—	—	—	—	—	—	2,601	15,974	84,659	100,633	82,517	18,116	—	55
—	—	—	—	—	—	—	—	—	—	—	—	28,104	32,368	71,300	103,668	171,444	—	67,776	56
—	—	—	—	—	—	—	491	—	—	—	—	17,708	52,825	19,463	72,288	53,385	18,903	—	57
—	—	—	—	—	—	—	—	—	—	—	—	1,063	342,951	13,939	356,890	367,761	—	10,871	58
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	n.a.	n.a.	n.a.	59	
—	—	—	—	—	—	—	—	—	—	—	—	—	3,964	3,964	3,581	383	—	60	
—	—	—	—	—	—	—	—	4,688	—	2,677	—	52,301	750	53,051	51,452	1,599	—	61	
—	—	—	—	—	—	—	—	—	—	—	—	—	57,834	57,834	n.a.	n.a.	n.a.	62	
—	—	—	—	—	—	—	—	—	—	—	—	4	10	14	—	—	14	63	
—	—	—	968	—	—	—	—	—	—	429	—	21,141	21,149	42,290	n.a.	n.a.	n.a.	64	
—	3,025	—	2,573	—	—	1,128	—	12,005	—	60,398	—	1,468,562	1,563,924	3,032,486	2,877,825	154,661	—	65	
—	57,488	—	182,260	288	—	20,965	—	5,441	—	174,495	—	468,870	362,817	831,667	846,413	—	14,726	66	
—	60,873	—	205,606	288	—	31,505	—	24,776	—	237,443	—	5,069,312	17,996,949	23,066,261	20,893,572	2,172,689	—	67	

TABLE 17. 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 Countries		United States to United States		United States to Canada	
		Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Cargo tons													
1	Agricultural products:												
1	Wheat	900	2,575,915	-	-	-	-	-	-	-	-	-	9,856
2	Corn	2,488	94,376	-	-	-	-	400	-	-	-	-	96,200
3	Oats	1,207	195,378	-	-	-	-	-	-	-	-	-	-
4	Barley	-	1,049,875	-	-	-	-	-	-	-	-	-	2,593
5	Rye	-	163,770	-	-	-	-	-	-	-	-	-	-
6	Flaxseed	-	256,116	-	-	-	-	-	-	-	-	-	6,441
7	Soyabbeans	-	27,709	-	-	-	164	3,342	-	-	-	-	-
8	Grain screenings	1,880	4,052	-	-	-	-	-	-	-	-	-	-
9	Other grain	-	2,390	-	-	-	-	-	-	-	-	-	-
10	Flour	-	1,189	-	-	3,955	-	1,230	-	-	-	-	-
11	Other mill products	-	9,998	-	-	-	-	-	-	-	-	-	-
12	Hay and straw	-	-	-	-	-	-	-	-	-	-	-	-
13	Fruit and vegetables	-	-	-	-	-	-	-	-	-	-	2,152	-
14	Other agricultural products	-	4,915	-	-	-	938	-	-	-	-	-	1,900
15	Total	6,475	4,385,683	-	-	-	5,057	-	4,972	-	-	2,152	116,990
Animals and animal products:													
16	Cattle and calves	-	-	-	-	-	-	-	-	-	-	-	-
17	Other live animals and live poultry	-	-	-	-	-	-	-	-	-	-	-	-
18	Fish	1,175	-	3,952	-	-	-	-	-	-	-	-	-
19	Dressed meats	-	-	-	-	-	-	-	-	-	-	-	-
20	Dairy products	-	-	-	-	-	-	-	-	-	-	-	-
21	Other packing house products	-	-	-	-	-	-	-	-	-	-	-	-
22	Other animal products	1,049	-	182	-	-	1,348	-	-	-	-	-	-
23	Total	2,224	-	4,134	-	-	1,348	-	-	-	-	-	-
Mine products:													
24	Coal, anthracite	-	-	-	-	-	-	-	-	-	-	-	2,688
25	Coal, bituminous	2,836	120	-	-	-	-	-	-	-	-	-	1,768,145
26	Coke	-	-	-	-	-	3,290	4,500	-	-	-	-	-
27	Iron ore and concentrates	406,680	-	2,209,361	-	-	-	-	-	-	-	-	-
28	Copper ore and concentrates	-	-	-	-	-	-	-	-	-	-	-	-
29	Other ores and concentrates	26,658	-	-	-	-	-	-	-	-	-	-	-
30	Petroleum, crude (Foreign)	2,200	-	-	-	-	-	-	-	-	-	-	-
31	Petroleum, crude (Canadian)	316,863	-	-	-	-	-	-	-	-	-	-	-
32	Sand, gravel and stone	2,075	279,900	3,100	-	-	-	-	-	-	-	-	-
33	Limestone	-	-	-	-	-	-	-	-	-	-	-	10,871
34	Salt	-	26,063	-	-	-	-	-	-	-	-	-	87,696
35	Other mine products	70,847	-	35,587	-	-	-	-	-	-	433	-	8,345
36	Total	828,159	306,083	2,248,048	-	-	3,290	4,500	-	-	433	433	1,877,745
Forest products:													
37	Pulpwood	235,740	-	251,016	-	-	-	-	-	-	-	-	-
38	Logs, posts, poles, pitprops, piling	-	54	-	-	-	-	-	-	-	-	-	-
39	Lumber, timber, cooperage stock	35,442	2,060	-	-	-	-	-	-	-	-	-	-
40	Firewood, hoggod fuel	-	-	-	-	-	-	-	-	-	-	-	-
41	Other forest products	-	-	-	-	-	-	-	-	-	-	-	-
42	Total	271,182	2,114	251,016	-	-	-	-	-	-	-	-	-
Manufactures and miscellaneous:													
43	Gasoline	31,650	75,850	-	-	-	-	-	-	-	-	-	-
44	Fuel oil	780,331	65,090	14,485	-	-	-	-	-	43,495	2,200	-	-
45	Petroleum oils and other petroleum products	91,096	30,246	-	-	-	-	-	-	6,919	-	-	2,739
46	Iron, pig and bloom	-	-	62,775	-	-	-	-	-	-	-	-	12,613
47	Iron and steel, bar, sheet, structural, pipe	2,505	3,420	-	-	1,004	-	-	-	-	-	-	-
48	Iron and steel, other	65	1,487	-	-	-	-	-	-	-	-	-	-
49	Scrap, iron and steel	1,191	4,994	-	-	11,163	-	4,780	-	-	-	-	2,800
50	Metals and alloys	-	306	4,959	-	-	-	-	-	-	-	-	-
51	Agricultural implements	-	-	-	-	-	-	-	-	-	-	-	-
52	Autos, trucks and parts	-	876	-	-	95	-	-	-	-	-	-	-
53	Machines, machinery and parts	1,630	256	-	-	-	-	19	-	-	-	-	-
54	Fertilizers, all kinds	2,288	-	-	-	-	-	3,137	-	-	-	-	-
55	Chemicals and chemical products	4,500	-	-	-	5,353	-	135	-	-	-	-	-
56	Cement, bricks, lime and plaster	111,724	187	-	-	-	-	-	-	-	-	-	-
57	Wood pulp	7,892	-	26,150	-	-	1,429	-	-	-	-	-	-
58	Newsprint paper	564	4,266	158,752	-	-	-	-	-	-	-	-	-
59	Paperboard, pulpboard, wallboard	8,498	-	-	-	-	-	-	-	-	-	-	-
60	Other manufactured wood products	-	1,040	2,050	-	-	-	-	-	-	-	-	-
61	Sugar	-	-	-	-	-	-	-	-	-	-	-	-
62	Sulphur, natural or synthetic	24,974	-	-	-	-	-	-	-	-	-	-	-
63	Beverages	-	-	-	-	-	10	-	-	-	-	-	-
64	Other manufactured products	15,000	16,828	2,758	-	3,936	-	4,933	-	-	-	-	161
65	Total	1,083,908	204,846	271,929	-	22,990	-	13,004	-	50,414	2,200	2,200	18,313
68	Other freight	373,452	377,937	1,598	-	-	22,053	-	37,685	-	-	13,925	251
67	Grand total	2,563,400	5,276,663	2,776,725	-	-	54,738	-	60,161	-	50,414	18,710	2,013,290

TABLE 18. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Mine products:														
Coal, bituminous	--	--	--	--	--	--	--	--	--	--	--	425	--	425
Sand, gravel and crushed stone	--	283,500	--	--	--	--	--	--	--	283,500	283,500	206,100	77,400	--
Total	--	283,500	--	--	--	--	--	--	--	283,500	283,500	206,525	76,975	--
Grand total	--	283,500	--	--	--	--	--	--	--	283,500	283,500	206,525	76,975	--

TABLE 19. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Agricultural products:														
Fruit and vegetables	--	--	--	--	--	--	215	1,937	215	1,937	2,152	831	1,321	--
Total	--	--	--	--	--	--	215	1,937	215	1,937	2,152	831	1,321	--
Mine products:														
Coal, anthracite	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coal, bituminous	50	--	--	--	--	--	--	840	50	840	890	--	890	--
Other mine products	--	--	--	--	--	--	--	433	--	433	433	1,099	--	666
Total	50	--	--	--	--	--	--	1,273	50	1,273	1,323	1,099	224	--
Manufactures and Miscellaneous:														
Fuel oil	--	--	--	--	--	--	--	--	--	--	--	15	--	15
Petroleum oils and other petroleum products	--	--	--	--	--	--	--	--	--	--	--	65	--	65
Fertilizers, all kinds	36,075	--	--	--	--	--	--	1,728	38,075	1,728	39,803	41,052	1,249	1,249
Chemicals and chemical products	8,925	--	--	--	--	--	--	--	8,925	--	8,925	6,500	2,425	--
Newsprint paper	--	--	24,122	--	--	--	--	--	24,122	--	24,122	25,951	1,829	1,829
Sulphur, natural or synthetic	2,150	--	--	--	--	--	--	--	2,150	--	2,150	n.a.	n.a.	n.a.
Other manufactured products	511	5,806	--	245	--	--	--	--	511	6,051	6,562	--	--	--
Total	49,661	5,806	24,122	245	--	--	--	1,728	73,783	7,779	81,562	73,583	7,979	--
All other freight	--	--	--	--	--	--	2,565	11,361	2,565	11,361	13,926	21,617	--	7,691
Grand total	49,711	5,806	24,122	245	--	--	2,780	16,299	76,613	22,350	98,963	97,130	1,833	--

TABLE 20. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Mine products:														
Coal, bituminous	16	--	--	--	--	--	--	--	16	--	16	40	--	24
Sand, gravel and stone	35	147	--	--	--	--	--	--	35	147	182	132	50	--
Total	51	147	--	--	--	--	--	--	51	147	198	172	26	--
Forest products:														
Lumber, timber, cooperage stock	112	--	--	--	--	--	--	--	112	--	112	125	--	13
Total	112	--	--	--	--	--	--	--	112	--	112	125	--	13
Manufactures and miscellaneous:														
Gasoline	2	--	--	--	--	--	--	--	2	--	2	--	2	--
Petroleum oils and other petroleum products	--	--	--	--	--	--	--	--	--	--	--	2	--	2
Iron and steel, bar, sheet, structural pipe	--	--	--	--	--	--	--	--	--	--	--	6	--	6
Scrap, iron and steel	--	37	--	--	--	--	--	--	--	37	37	--	37	--
Machines, machinery and parts	3	--	--	--	--	--	--	--	3	--	3	36	--	33
Chemicals and chemical products	1	--	--	--	--	--	--	--	1	--	1	--	1	--
Cement, bricks, lime and plaster	18	--	--	--	--	--	--	--	18	--	18	29	--	11
Other manufactured products	3	--	--	--	--	--	--	--	3	--	3	n.a.	n.a.	n.a.
Total	27	37	--	--	--	--	--	--	27	37	64	73	--	9
All other freight	15	10	--	--	--	--	--	--	15	10	25	43	--	18
Grand total	205	194	--	--	--	--	--	--	205	194	399	413	--	14

TABLE 21. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Manufactures and miscellaneous:														
Gasoline	11	129	-	-	-	-	-	-	11	129	140	35	105	-
Fuel oil	-	-	-	-	-	-	-	-	-	-	-	5	-	5
Petroleum oils and other petroleum products	9	114	-	-	-	-	-	-	9	114	123	27	96	-
Other manufactured products	21	5	-	-	-	-	-	-	21	5	26	n.a.	n.a.	n.a.
Total	41	248	-	-	-	-	-	-	41	248	289	67	222	-
All other freight	-	-	-	-	-	-	-	-	-	-	-	35	-	35
Grand total	41	248	-	-	-	-	-	-	41	248	289	102	187	-

TABLE 22. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Forest products:														
Logs, posts, poles, piling	-	-	-	-	-	-	-	-	-	-	-	300	-	300
Total	-	-	-	-	-	-	-	-	-	-	-	300	-	300
Manufactures and miscellaneous:														
Machines, machinery and parts	-	-	-	-	-	-	-	-	-	-	-	68	-	68
Total	-	-	-	-	-	-	-	-	-	-	-	68	-	68
All other freight	-	-	-	-	-	-	-	-	-	-	-	299	-	299
Grand total	-	-	-	-	-	-	-	-	-	-	-	667	-	667

TABLE 23. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Agricultural products:														
Oats	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Other grain	1	-	-	-	-	-	-	-	1	-	1	-	1	-
Flour	-	136	-	-	-	-	-	-	-	136	136	99	37	-
Other mill products	-	9	-	-	-	-	-	-	-	9	9	-	9	-
Hay and straw	-	27	-	-	-	-	-	-	-	27	27	29	-	2
Fruit and vegetables	-	28	-	-	-	-	-	-	-	28	28	32	-	4
Total	1	200	-	-	-	-	-	-	1	200	201	161	40	-
Animals and animal products:														
Fish	1,916	-	-	-	-	-	-	-	1,916	-	1,916	1,501	415	-
Dressed meats	-	9	-	-	-	-	-	-	-	9	9	10	-	1
Other animal products	-	-	-	-	-	-	-	-	-	-	-	9	-	9
Total	1,916	9	-	-	-	-	-	-	1,916	9	1,925	1,520	405	-
Mine products:														
Coal, bituminous	-	2	-	-	-	-	-	-	-	2	2	2	-	-
Total	-	2	-	-	-	-	-	-	-	2	2	2	-	-
Forest products:														
Lumber, timber, cooperate stock	3,452	20	-	-	-	-	-	-	3,452	20	3,472	3,996	-	524
Firewood, hogged fuel	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Total	3,452	20	-	-	-	-	-	-	3,452	20	3,472	3,998	-	526
Manufactures and miscellaneous:														
Gasoline	-	835	-	-	-	-	-	-	-	835	835	880	-	45
Fuel oil	-	21	-	-	-	-	-	-	-	21	21	-	21	-
Petroleum oils and other petroleum products	-	33	-	-	-	-	-	-	-	33	33	2	31	-
Iron and steel, bar, sheet, structural, pipe ..	-	20	-	-	-	-	-	-	-	20	20	35	-	15
Scrap, iron and steel	-	10	-	-	-	-	-	-	-	10	10	-	10	-
Agricultural implements	4	6	-	-	-	-	-	-	4	6	10	-	10	-
Autos, trucks and parts	11	32	-	-	-	-	-	-	11	32	43	68	-	25
Machines, machinery and parts	10	6	-	-	-	-	-	-	10	6	16	22	-	6
Chemicals and chemical products	-	34	-	-	-	-	-	-	-	34	34	59	-	25
Cement, bricks, lime and plaster	-	121	-	-	-	-	-	-	-	121	121	233	-	112
Paperboard, pulpboard, wallboard	-	7	-	-	-	-	-	-	-	7	7	n.a.	n.a.	n.a.
Beverages	-	98	-	-	-	-	-	-	-	98	98	100	-	2
Other manufactured products	13	356	-	-	-	-	-	-	13	356	369	n.a.	n.a.	n.a.
Total	38	1,579	-	-	-	-	-	-	38	1,579	1,617	1,399	218	-
All other freight	203	662	-	-	-	-	-	-	203	662	865	1,032	-	167
Grand total	5,610	2,472	-	-	-	-	-	-	5,610	2,472	6,082	8,112	-	30

TABLE 24. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Agricultural products:														
Fruit and vegetables	355	—	—	—	—	—	—	—	355	—	355	320	35	—
Total	355	—	—	—	—	—	—	—	355	—	355	320	35	—
Animals and animal products:														
Fish	—	634	—	27	—	—	—	—	—	661	661	3,674	—	3,013
Other animal products	—	—	—	—	—	—	—	—	—	—	—	50	—	50
Total	—	634	—	27	—	—	—	—	—	661	661	3,724	—	3,063
Mine products:														
Coal, anthracite	—	—	—	—	—	—	—	—	—	—	—	104	—	104
Coal, bituminous	10	160	—	—	—	—	—	—	10	160	170	341	—	171
Sand, gravel and stone	5	—	—	—	—	—	—	—	5	—	5	10	—	5
Salt	—	—	—	—	—	—	—	—	—	—	—	70	—	70
Total	15	160	—	—	—	—	—	—	15	160	175	525	—	350
Forest products:														
Lumber, timber, cooperage stock	26	—	—	—	—	—	—	—	26	—	26	—	26	—
Firewood, hogged fuel	—	—	—	—	—	—	—	—	—	—	—	14	—	14
Total	26	—	—	—	—	—	—	—	26	—	26	14	12	—
Manufactures and miscellaneous:														
Gasoline	—	—	—	—	—	—	—	—	—	—	—	1,075	—	1,075
Iron and steel, other	—	—	—	—	—	—	—	—	—	—	—	50	—	50
Beverages	—	—	—	—	—	—	—	—	—	—	—	4	—	4
Other manufactured products	151	26	—	—	—	—	—	—	151	26	177	n.a.	n.a.	n.a.
Total	151	26	—	—	—	—	—	—	151	26	177	1,129	—	952
All other freight	180	126	—	—	—	—	—	—	180	126	306	1,071	—	765
Grand total	727	946	—	27	—	—	—	—	727	973	1,700	6,783	—	5,083

TABLE 25. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Cargo tons														
Agricultural products:														
Hay and straw	—	5	—	—	—	—	—	—	—	5	5	—	5	—
Fruit and vegetables	—	1,600	—	1,388	—	—	—	—	—	2,988	2,988	887	2,101	—
Total	—	1,605	—	1,388	—	—	—	—	—	2,993	2,993	887	2,106	—
Animals and animal products:														
Fish	74	11,703	—	3,411	—	—	—	—	74	15,114	15,188	5,672	9,516	—
Other animal products	—	775	—	—	—	—	—	—	—	775	775	16	759	—
Total	74	12,478	—	3,411	—	—	—	—	74	15,889	15,963	5,688	10,275	—
Mine products:														
Coal, anthracite	—	10	—	—	—	—	—	—	—	10	10	—	10	—
Coal, bituminous	115	—	—	—	—	—	—	—	115	—	115	265	—	150
Sand, gravel and stone	—	8,650	—	—	—	—	—	—	—	8,650	8,650	—	8,650	—
Salt	549	75	—	—	—	—	—	—	549	75	624	398	226	—
Total	664	8,735	—	—	—	—	—	—	664	8,735	9,399	663	8,736	—
Forest products:														
Pulpwood	—	—	—	600	—	—	—	—	—	600	600	—	600	—
Lumber, timber, cooperage stock	25	150	—	—	—	—	60	—	85	150	235	48	187	—
Other forest products	—	—	—	2	—	—	—	—	—	2	2	—	2	—
Total	25	150	—	602	—	—	60	—	85	752	837	48	789	—
Manufactures and miscellaneous:														
Gasoline	12,317	3,777	—	—	—	—	—	—	12,317	3,777	16,094	2,110	13,984	—
Fuel oil	13,637	150	—	—	—	—	—	—	13,637	150	13,787	1,332	12,455	—
Petroleum oils and other petroleum products	—	—	—	—	—	—	1,936	—	1,936	—	1,936	283	1,653	—
Machines, machinery and parts	800	120	—	—	—	—	—	—	800	120	920	—	920	—
Other manufactured wood products	—	—	—	—	—	—	—	—	—	—	—	2	—	—
Other manufactured products	9	2	—	—	—	—	—	—	9	2	11	n.a.	n.a.	n.a.
Total	26,763	4,049	—	—	—	—	1,936	—	28,699	4,049	32,748	3,727	29,021	—
All other freight	3,261	1,674	100	1,200	—	—	220	—	3,581	2,874	6,455	2,186	4,269	—
Grand total	30,787	28,691	100	6,601	—	—	2,216	—	33,103	35,292	68,395	13,199	55,196	—

TABLE 26. 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 1955	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	1956	1955	Increase	Decrease
Sault Ste. Marie	11,289	11,521	—	500	48,513	48,828	500	—	60,302	60,849	121,151	178,006	—	56,855
Welland Ship	—	94	3	—	9	8	—	—	12	102	114	85	29	—
St. Lawrence	4	19	—	—	9	—	4	—	17	19	36	13	23	—
Ottawa River	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Richelieu River	232	211	53	—	—	—	—	20	285	231	516	38	478	—
Rideau	247	247	—	—	—	—	—	—	247	247	494 ¹	541	—	47
Trent	—	—	—	—	—	—	—	—	—	—	2	—	—	—
Murray	244	231	127	13	18	10	11	110	400	364	784	—	764	—
St. Andrew's	56	55	—	—	—	—	—	—	56	55	111 ³	172	—	61
St. Peter's	48	7	—	—	—	—	—	—	48	7	55	48	7	—
Canso	—	—	—	—	—	—	—	—	—	—	—	29	—	29
Total	12,120	12,385	183	513	48,549	48,846	515	130	61,367	61,874	123,241	178,932	—	55,691

1. Exclusive of 22,221 paying passengers on sight seeing pleasure boat cruises. Exclusive of 69,722 passengers carried in pleasure craft.
2. 105,141 passengers carried in small boats.
3. Exclusive of 1,312 passengers carried in pleasure craft. One passenger through one lock station recorded as "1".

TABLE 27. Number of Pleasure Craft Lockages

Canal	1956	1955	Canal	1956	1955
Sault Ste. Marie	513	585	Trent	27,550	24,984
Welland Ship	11	43	Murray	1,646	1,801
St. Lawrence	715	905	St. Andrew's	419	412
Ottawa River	5,028	6,137	St. Peter's	6	4
Richelieu River	—	—	Canso	—	—
Rideau	25,850	22,734	Total	61,738	57,605

TABLE 28. Length of Season of Navigation for Canals

Canals	First vessel passage	Last vessel passage	Number of days used
Sault Ste. Marie	April 5	December 12	252
Welland Ship	March 31	December 20	265
St. Lawrence	April 12	December 13	246
Richelieu River	April 16	November 30	229
St. Peter's	April 19	December 21	247
Murray	May 26	November 29	188
Ottawa River	April 25	November 23	213
Rideau	May 1	November 20	204
Trent	May 25	November 30	190
St. Andrew's	June 28	November 2	128
Canso	April 9	January 10	277

TABLE 29. Location and Description of Canals

Name	Location		Length in miles	Locks			
	From	To		Number	Minimum dimensions in feet		
					Length	Width	Depth
Sault Ste. Marie	St. Mary's Rapids	Sault Ste. Marie	1.38	1	900	60	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 30. Water Freight Charges on the Great Lakes for Canadian Wheat During 1956 and 1955

Fort William — Port Arthur	1956			1955		
	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	16.00	5.33	0.434	13.50	4.50	0.366
May	16.00	5.33	0.434	13.50	4.50	0.366
June	16.00	5.33	0.434	13.50	4.50	0.366
July	16.00	5.33	0.434	13.50	4.50	0.366
August	16.00	5.33	0.434	13.50	4.50	0.366
September	16.00	5.33	0.434	13.50	4.50	0.366
October	16.00	5.33	0.434	13.50	4.50	0.366
November	16.00	5.33	0.434	13.50	4.50	0.366
December	—	—	—	—	—	—
Average	16.00	5.33	0.434	13.50	4.50	0.366
Including storage	—	—	—	—	—	—

TABLE 30. Water Freight Charges on the Great Lakes for Canadian Wheat - Concluded

Fort William - Port Arthur	1956			1955		
	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	5.49	1.83	0.341	4.00	1.33	0.248
May	5.50	1.83	0.341	4.00	1.33	0.248
June	5.52	1.84	0.343	4.01	1.34	0.250
July	5.52	1.84	0.343	4.00	1.33	0.248
August	5.50	1.83	0.341	4.04	1.35	0.251
September	5.50	1.83	0.341	4.12	1.37	0.255
October	5.50	1.83	0.341	4.01	1.34	0.250
November	5.50	1.83	0.341	4.09	1.36	0.253
December	5.84	1.94	0.361	4.32	1.44	0.268
Average	5.51	1.83	0.341	4.21	1.40	0.261
Including storage	5.85	1.95	0.363	4.32	1.44	0.268
Port Colborne:						
April	7.50	2.50	0.295	6.00	2.00	0.236
May	7.50	2.50	0.295	6.00	2.00	0.236
June	7.65	2.55	0.301	6.04	2.01	0.237
July	7.50	2.50	0.295	6.00	2.00	0.236
August	7.50	2.50	0.295	6.00	2.00	0.236
September	7.50	2.50	0.295	6.00	2.00	0.236
October	7.50	2.50	0.295	6.00	2.00	0.236
November	7.50	2.50	0.295	6.07	2.02	0.238
December	8.59	2.86	0.337	6.81	2.27	0.268
Average	7.58	2.52	0.297	6.06	2.02	0.238
Including storage	7.83	2.61	0.308	6.42	2.14	0.252
Buffalo and other U.S. Ports:						
April	7.67	2.55	0.296	6.50	2.17	0.252
May	8.65	2.88	0.334	6.63	2.21	0.256
June	8.50	2.83	0.328	6.92	2.31	0.268
July	-	-	-	6.00	2.00	0.232
August	-	-	-	6.00	2.00	0.232
September	8.50	2.83	0.328	-	-	-
October	8.50	2.83	0.328	6.42	2.14	0.248
November	9.32	3.10	0.360	6.99	2.33	0.270
December	-	-	-	9.50	3.17	0.368
Average	8.39	2.79	0.324	6.70	2.23	0.259
Including storage	9.19	3.06	0.355	7.19	2.40	0.278
Port Colborne to Montreal:						
April	7.65	2.55	0.671	7.50	2.50	0.658
May	8.42	2.80	0.737	7.50	2.50	0.658
June	8.51	2.83	0.745	7.50	2.50	0.658
July	7.50	2.50	0.658	7.50	2.50	0.658
August	6.50	2.83	0.745	7.50	2.50	0.658
September	8.50	2.83	0.745	7.50	2.50	0.658
October	8.50	2.83	0.745	7.50	2.50	0.658
November	8.50	2.83	0.745	7.49	2.50	0.658
December	8.50	2.83	0.745	7.61	2.54	0.668
Average	8.22	2.74	0.721	7.50	2.50	0.658

TABLE 31. Water Freight Charges on the Great Lakes for Canadian Barley and Oats

Port 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	15.25	6.35	0.517	13.00	7.65	0.623
May	14.61	6.09	0.496	13.00	7.65	0.623
June	15.25	6.35	0.517	13.00	7.65	0.623
July	15.25	6.35	0.517	13.00	7.65	0.623
August	15.38	6.41	0.522	13.00	7.65	0.623
September	15.25	6.35	0.517	13.00	7.65	0.623
October	15.25	6.35	0.517	13.00	7.65	0.623
November	15.25	6.35	0.517	13.00	7.65	0.623
December	-	-	-	-	-	-
Average	15.20	6.33	0.515	13.00	7.65	0.623
Goderich and Georgian Bay Ports:						
April	5.25	2.19	0.408	4.97	2.92	0.544
May	5.25	2.19	0.408	5.00	2.94	0.547
June	5.25	2.19	0.408	5.00	2.94	0.547
July	5.25	2.19	0.408	5.00	2.94	0.547
August	5.25	2.19	0.408	5.00	2.94	0.547
September	5.26	2.19	0.408	5.00	2.94	0.547
October	5.25	2.19	0.408	5.00	2.94	0.547
November	5.25	2.19	0.408	5.00	2.94	0.547
December	6.12	2.55	0.475	5.39	3.17	0.590
Average	5.30	2.21	0.412	5.01	2.95	0.549
Port Colborne:						
April	7.36	3.07	0.382	6.75	3.97	0.468
May	7.48	3.12	0.368	6.75	3.97	0.468
June	7.54	3.14	0.370	6.75	3.97	0.468
July	7.25	3.02	0.356	6.75	3.97	0.468
August	7.25	3.02	0.356	6.75	3.97	0.468
September	7.25	3.02	0.356	6.75	3.86	0.455
October	7.25	3.02	0.356	6.75	3.97	0.468
November	7.25	3.02	0.356	6.41	3.77	0.445
December	7.25	3.02	0.356	6.75	3.97	0.468
Average	7.32	3.05	0.360	6.71	3.95	0.466
Buffalo and other U.S. Ports:						
April	-	-	-	-	-	-
May	6.33	2.64	0.306	-	-	-
June	5.91	2.46	0.285	-	-	-
July	6.71	2.80	0.325	5.01	2.95	0.342
August	7.52	3.13	0.363	4.95	2.91	0.338
September	7.71	3.21	0.372	-	-	-
October	7.81	3.25	0.377	-	-	-
November	7.72	3.22	0.374	8.75	5.15	0.597
December	-	-	-	-	-	-
Average	6.84	2.85	0.331	5.12	3.01	0.349
Port Colborne to Montreal:						
April	8.00	3.33	0.878	6.25	3.68	0.968
May	8.00	3.33	0.876	8.25	3.68	0.968
June	8.00	3.33	0.876	6.25	3.68	0.968
July	8.00	3.33	0.876	6.25	3.68	0.968
August	8.00	3.33	0.878	8.53	3.84	1.011
September	8.00	3.33	0.876	6.55	3.85	1.013
October	8.00	3.33	0.876	6.25	3.68	0.968
November	6.00	3.33	0.876	6.47	3.81	1.003
December	8.00	3.33	0.876	8.75	3.97	1.045
Average	8.00	3.33	0.876	6.40	3.76	0.969

TABLE 32. Water Freight Charges on the Great Lakes for Canadian Flax and Rye

Port 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.....	17.00	6.07	0.494	-	-	-
May.....	17.00	6.07	0.494	16.00	5.71	0.465
June.....	17.00	6.07	0.494	16.00	5.71	0.465
July.....	17.00	6.07	0.494	16.00	5.71	0.465
August.....	-	-	-	-	-	-
September.....	17.00	6.07	0.494	-	-	-
October.....	17.00	6.07	0.494	-	-	-
November.....	17.00	6.07	0.494	-	-	-
December.....	-	-	-	-	-	-
Average.....	17.00	6.07	0.494	16.00	5.71	0.465
Goderich and Georgian Bay Ports:						
April.....	-	-	-	5.50	1.96	0.365
May.....	-	-	-	5.50	1.96	0.365
June.....	-	-	-	5.50	1.96	0.365
July.....	-	-	-	-	-	-
August.....	-	-	-	-	-	-
September.....	-	-	-	5.50	1.96	0.365
October.....	-	-	-	5.50	1.96	0.365
November.....	-	-	-	-	-	-
December.....	-	-	-	5.50	1.96	0.365
Average.....	-	-	-	5.50	1.96	0.365
Port Colborne:						
April.....	8.00	2.86	0.337	7.96	2.84	0.335
May.....	8.00	2.86	0.337	7.72	2.76	0.325
June.....	8.00	2.86	0.337	8.35	2.98	0.351
July.....	8.00	2.86	0.337	7.50	2.68	0.316
August.....	8.00	2.86	0.337	7.50	2.68	0.316
September.....	8.00	2.86	0.337	7.50	2.68	0.316
October.....	8.00	2.86	0.337	7.50	2.68	0.316
November.....	8.10	2.89	0.341	7.50	2.68	0.316
December.....	-	-	-	-	-	-
Average.....	8.01	2.86	0.337	7.87	2.81	0.331
Buffalo and other U.S. Ports:						
April.....	-	-	-	-	-	-
May.....	-	-	-	-	-	-
June.....	-	-	-	8.50	3.04	0.353
July.....	-	-	-	6.69	2.39	0.277
August.....	-	-	-	7.52	2.69	0.312
September.....	9.00	3.21	0.372	-	-	-
October.....	-	-	-	-	-	-
November.....	-	-	-	-	-	-
December.....	-	-	-	-	-	-
Average.....	9.00	3.21	0.372	7.02	2.51	0.291
Port Colborne to Montreal:						
April.....	9.00	3.21	0.845	8.50	3.04	0.800
May.....	9.00	3.21	0.845	8.50	3.04	0.800
June.....	9.00	3.21	0.845	6.50	3.04	0.800
July.....	9.00	3.21	0.845	-	-	-
August.....	9.00	3.21	0.845	-	-	-
September.....	9.00	3.21	0.845	-	-	-
October.....	9.00	3.21	0.845	-	-	-
November.....	8.96	3.20	0.842	-	-	-
December.....	-	-	-	-	-	-
Average.....	8.99	3.21	0.845	8.50	3.04	0.800

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