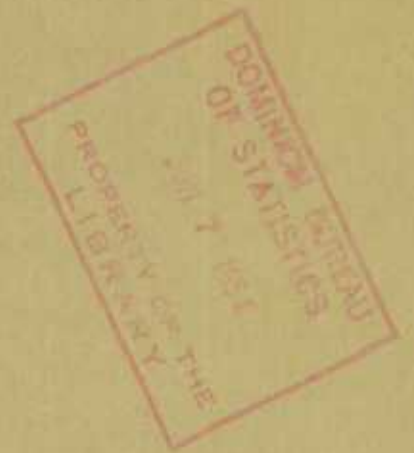


54-201 e 8

Historical File Copy



CANADA



CANAL STATISTICS

1953

DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation Section

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

CANAL STATISTICS
1953

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

8504-506
20-5-54

Price 25 cents

TABLE OF CONTENTS

	Page
Introduction	3
Chart	5
Table 1. Total Traffic through the Canadian Canals	6
“ 2. Canadian Canal Traffic (Duplications Excluded)	8
“ 3. Canals of Canada	8
“ 4. Season of Navigation	9
“ 5. Direction and Flag of Vessels: Freight using Canadian Canals	9
“ 6. Vessels using Canadian Canals – Number – Net Registered Tons.....	10
“ 7. Freight rates by Water – Wheat	16
“ 8. Freight rates by Water – Barley, Oats	16
“ 9. Freight rates by Water – Flax, Rye	17
“ 10. Freight carried up and down the St. Lawrence Canals from and to out- side points	18
“ 11. Traffic through Canals at Sault Ste. Marie – Canadian – United States	19
“ 12. Traffic on the Sault Ste. Marie Canal	20
“ 13. Traffic on the Welland Ship Canal – Through and Way	22
“ 14. Traffic on the Welland Ship Canal – Through	24
“ 15. Traffic on the Welland Ship Canal – Way	26
“ 16. Welland Ship Canal traffic analysed	27
“ 17. Grain down-bound through the Welland Ship Canal	27
“ 18. Traffic on the St. Lawrence Canals – Through and Way	28
“ 19. Traffic on the St. Lawrence Canals – Through	30
“ 20. Traffic on the St. Lawrence Canals – Way	32
“ 21. Traffic on the Richelieu River Canal	34
“ 22. Traffic on the Ottawa River Canals	34
“ 23. Traffic on the Murray Canal	34
“ 24. Traffic on the St. Peter's Canal	36
“ 25. Traffic on the St. Andrew's Canal	36
“ 26. Traffic on the Rideau Canal	38
“ 27. Traffic on the Trent Canal	38

CANAL STATISTICS

1953

All the Canadian canals, except the St. Andrews, reported increased freight traffic in 1953 with the result that the total tonnage transported through the ten systems rose to 33,373,064 short tons, a modern record and a gain of 2,018,925 tons or 6.4 per cent over the 1952 total of 31,354,139 tons. Traffic on Canadian canals has not exceeded this amount since the construction of the American Davis and Sabine locks at Sault Ste. Marie during the First World War. Increases were reported for twenty-nine of the forty-one commodity groups listed in this report, the most important of which were barley, oats, rye, wheat, petroleum, iron ore, and iron and steel. The tonnage of freight locked through the Sault Ste. Marie canal amounted to 3,389,409 tons, a gain of 93,986 tons or 2.9 per cent over the 1952 total of 3,295,423 tons; traffic at the Welland ship canal rose to an all time high of 19,542,150 tons from 17,910,756, an increase of 1,631,394 tons or 9.1 per cent; and, the St. Lawrence total advanced 2.5 per cent to 10,081,992 tons from 9,836,395. The number of passengers carried and vessel passages was also higher than in the previous year. Passengers numbered 112,082 as compared with 104,125 in 1952 and the number of vessels locked through the canals rose to 27,563, aggregating 32,542,585 net tons, from 26,322 of 29,809,378 tons, of this total 23,378 or 84.8 per cent were vessels of Canadian or British registry, 2,984 flew the American flag and the remainder, 1201 belonged to various other countries.

Of the 33,373,064 tons of cargo locked through Canadian canals only, during 1953, 29,335,644 tons or 879 per cent were transported in vessels of Canadian or British registry. At the Canadian Sault Ste. Marie canal, Canadian bottoms carried 3,133,490 tons or 92.4 per cent of the total while at the Welland the percentage was 84.2 and at the St. Lawrence 93.2. Domestic vessels carried all the freight locked through the smaller canal systems.

These increases are probably due, in part to the fact that the season of navigation was one of the longest in history. In the season under review the Canadian lock at Sault Ste. Marie was in operation from March 29th to December 15th, a total of 262 days, six more than in 1952 while the American locks opened March 21st and closed on the same date a season of 270 days as against 262 a year earlier. The Welland canal opened and closed one day later so that the season of 268 days was the same in both years while the St. Lawrence system handled traffic one day longer. Most of the smaller canals also reported a longer season this year.

Table 2 shows the total traffic on Canadian canals and the American locks at Sault Ste. Marie divided according to the different system through which it past, thus, excluding, duplications. From this table, it is possible to follow the volume of traffic moving to and from Lake Superior ports and Montreal and beyond, which during 1953 amounted to 746,310 tons as compared with, 567,139 tons in 1952 and 591,442 in 1951. Traffic using the combination of the Sault Ste. Marie and Welland canals rose from 4,643,445 tons to 5,771,757, an increase of 1,128,312 tons or 24.3 per cent, while that through the Sault only rose 19.4 per cent to 121,971,103 tons from 102,151,910.

From this analysis, it can be ascertained readily, through an examination of the up and down movements, how much freight tonnage terminated or originated within certain regions or broad areas and used one or more canals. The totals, of course, do not include the considerable coastwise trade moving between ports on the same lake or between Lakes Michigan, Huron and Erie where no canal passages are necessary.

The grand total of all canal freight traffic, including the four United States locks at Sault Ste. Marie, aggregated 158,472,825 tons up 23,051,615 tons or 17 per cent from the 1952 total of 135,421,210 tons due mainly to the increase in iron ore shipments through the American Sault which in 1952 fell to 75,914,123 tons as a result of a six week strike in the United States iron ore and steel industry.

As shown in Table 10, the volume of freight carried up or down the St. Lawrence waterway from or to outside points by vessels of foreign registry, other than the United States, has increased rapidly in the last few years. During the year just ended, the up-bound total amounted to 558,384 tons an increase of 172,580 tons or 44.7 per cent over the previous year and of this total foreign carriers transported 404,188 tons or 72.4 per cent as compared to 180,837 or 46.9 per cent in 1952. The outward movement showed that 311 foreign vessels carried 317,166 tons or 90.0 per cent, the total of 352,415 tons as against 172 vessels with 175,416 tons or 83.9 per cent of the 1952 total of 209,077 tons. Vessels of Norwegian, British, German, Swedish and Netherlands registry predominated.

Statistics for the Welland Ship canal do not include the arrival and departure of 176 vessels of 73,440 net tons at Port Dalhousie with cargoes of sand from Niagara Bar amounting to 69,634 tons.

SOURCE AND TREATMENT OF DATA

The traffic statistics of the Canadian canals are collected through the local agents of the Department of Transport and compiled by the Transportation 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, draught, 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 and vessels and cargoes passing through two or more canals in going from port of clearance to port of destination are included in the statistics for each canal used. A large percentage of the upbound traffic through the St. Lawrence canals uses the Welland Ship and also the Sault Ste. Marie canal, mostly on the United States side, and a large percentage of the downbound traffic also uses the Welland Ship Canal while a smaller percentage passes through the locks at Sault Ste. Marie. Practically all the Ottawa River canals traffic uses the Lachine locks of the St. Lawrence canals and is included in the St. Lawrence way traffic. The totals for all Canadian canals consequently contain a large amount of duplication.

In Table 2 of this report duplications are eliminated except that freight which was unloaded and reloaded was not considered a duplication. Thus, grain transhipped at Georgian Bay and Lake Erie ports is not considered as duplication when passing down the Welland Ship Canal.

Previous to 1940, vessels of Canadian and British registry were shown under "Canadian" in the tables and all other vessels were shown under "United States". Only a very small percentage of these foreign vessels were other than United States vessels but they have been segregated and shown separately in tables reports subsequent to 1939.

Also in classifying ports of departure and ports of destination of vessels all foreign ports have been

included under "United States". Here, also, traffic to foreign ports other than United States is but a very small percentage of the total.

As shown in Table 17, Canadian vessels carry by far the major portion of the total of all grain moving down the Welland Ship Canal.

The number of vessels and net registered tonnages using each canal are shown in Table 6 and the number of passengers and cargoes are shown in separate tables for each canal.

"Way" vessels and "way" cargoes are those from and to ports on the canals or using only a portion of any canal. Thus, a vessel from Montreal to Hull would be recorded as way on the St. Lawrence canals and "through" on the Ottawa River canals. Vessels and freight above Prescott and points on the Lachine Canal are classed as "through" for the St. Lawrence canals and all vessels and freight passing through the entire length of any canal are classed as "through".

The freight rates for Canadian grain shown in Tables 7, 8 and 9 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, the combined rates are shown separately. The trimming charges vary at different ports and are also affected by the overtime required to complete the job. 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 such of these commodities in the list as were carried, are shown.

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".

Chart

Chart 1 presents the total freight carried through all Canadian canals compared with the amount shipped through the St. Lawrence Canals over the period 1933 to 1953.

Total traffic on all canals rose from 18.8 million tons in 1933 to a record 33.4 million tons in 1953, an

increase of 77.7 per cent. Shipments through the St. Lawrence canals generally follow the trend for all canals and weighed over 10 million tons in 1953. Freight shipped through the St. Lawrence represented 37.2 per cent of total canal freight in 1933, 28.4 per cent in 1943 and 30.2 per cent in 1953.

TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS 1931 — 1953

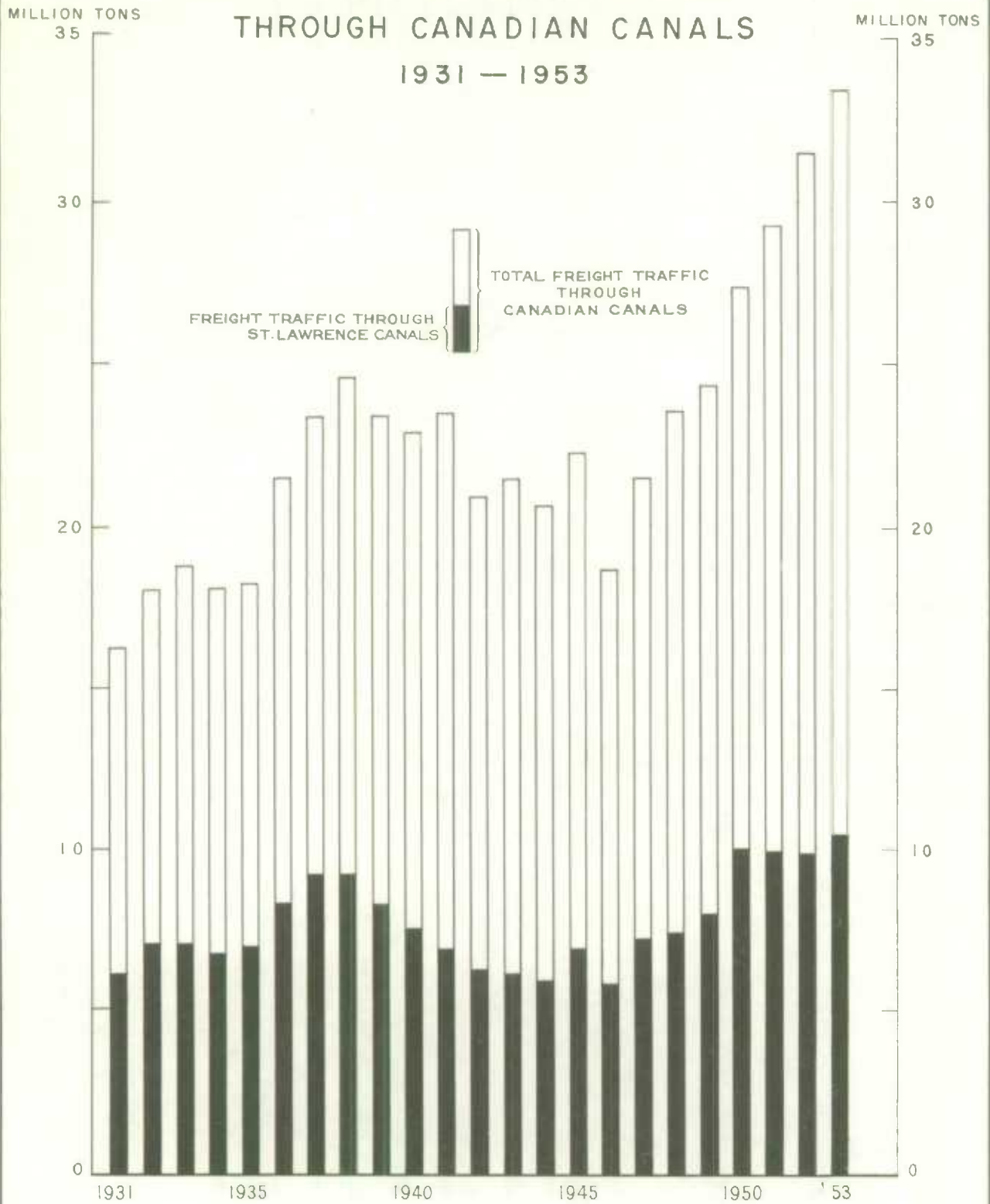


TABLE 1. Total Traffic¹ Through the Canadian Canals During 1953

No.		Sault Ste. Marie	Welland Ship	St. Lawrence River	Ottawa River	Rideau
1	Canadian vessels..... No.	3,981	7,060	9,187	1,153	241
2	United States vessels..... "	1,094	1,761	64	2	22
3	Other foreign vessels..... "	72	551	578	—	—
4	Total vessels..... "	5,147	9,372	9,829	1,155	263
5	Passengers..... "	105,366	4,776	14	6	1,541
		Tons				
6	Canadian vessels—steam.....	4,360,373	14,708,393	7,616,605	22,261	3,387
7	Canadian vessels—sail ²	307,932	89,568	274,025	262,627	3,831
8	United States vessels—steam.....	944,440	2,218,829	12,551	32	303
9	United States vessels—sail ²	3,944	582,665	14,088	—	—
10	Other foreign vessels.....	64,758	420,309	434,808	—	—
11	Total vessels.....	5,681,447	18,019,764	8,352,077	284,920	7,521
	Agricultural products:					
12	Barley.....	458,190	1,738,776	1,607,132	—	—
13	Corn.....	55,942	337,286	220,486	—	—
14	Oats.....	337,581	284,188	185,476	—	—
15	Rye.....	56,503	95,947	73,117	—	—
16	Flaxseed.....	55,007	170,265	122,874	—	—
17	Wheat.....	532,267	2,795,429	2,081,349	—	—
18	Other grains.....	3,201	164,562	26,915	—	—
19	Flour.....	107,308	13,664	14,463	—	—
20	Hay and straw.....	—	—	253	—	—
21	Other mill products.....	199,561	7,081	33,248	—	—
22	Fruit and vegetables.....	—	—	420	—	—
23	Potatoes.....	—	—	—	—	—
24	Total.....	1,805,560	5,607,198	4,365,733	—	—
	Animal products:					
25	Fish.....	178	160	170	—	—
26	Dressed meats.....	—	—	—	—	—
27	Other packing—house products.....	—	1,600	2,158	—	—
28	All other animal products.....	—	—	188	—	—
29	Total.....	178	1,760	2,516	—	—
	Manufactures and miscellaneous:					
30	Gasoline.....	164,250	459,184	103,158	—	2
31	Petroleum and other oils.....	175,033	1,879,621	1,156,334	—	2
32	Agricultural implements.....	1,477	2,256	—	—	—
33	Cement, brick and plaster.....	—	71,976	26,656	—	23
34	Iron, pig and bloom.....	4,455	41,647	34,686	—	1
35	Iron and steel, other.....	35,442	196,256	124,847	—	13
36	Sugar.....	2,939	37,146	6,838	—	—
37	Salt.....	17,133	77,652	80,993	—	—
38	Beverages.....	—	30	80	—	—
39	Autos and parts.....	8,627	3,109	4,194	—	—
40	Paper.....	123,736	422,903	236,802	1,047	—
41	Wood pulp.....	90,250	80,535	69,319	—	—
42	Total.....	623,342	3,272,315	1,843,907	1,047	41
	Forest products:					
43	Pulpwood.....	183,140	500,163	494,616	—	—
44	Logs, posts, poles, piling.....	655	125	—	—	—
45	Firewood.....	—	—	—	—	—
46	Lumber, mill, cooperage stock.....	—	—	35,178	—	339
47	Other forest products.....	—	—	12	—	—
48	Total.....	183,795	500,288	529,806	—	339
	Mine products:					
49	Hard coal.....	12,122	9,690	19,537	—	—
50	Soft coal.....	273,536	5,955,755	1,559,219	785	95
51	Coke.....	1,629	8,192	7,740	—	—
52	Copper ore.....	—	1,600	—	—	—
53	Iron ore.....	702	2,988,630	112,288	—	—
54	Other ore.....	—	142,420	64,314	—	—
55	Sand, gravel and stone.....	110,138	190,558	269,195	241,200	909
56	Total.....	398,127	9,296,845	2,032,293	241,985	1,004
57	All other freight.....	378,407	863,744	1,307,737	—	147
58	Grand total.....	3,389,409	19,542,150	10,081,992	243,032	1,531

1. Net registered tons of vessels and tons (2,000 lbs.) of cargoes.
2. Includes unrigged vessels.

CANAL STATISTICS

TABLE 1. Total Traffic¹ Through the Canadian Canals During 1953

Richelleu River	Trent	Murray	St. Andrew's	St. Peter's	Total	Compared with 1952		No.
						Increase	Decrease	
637	69	84	482	484	23,378	813	—	1
18	2	—	—	21	2,984	—	97	2
—	—	—	—	—	1,201	525	—	3
655	71	84	482	505	27,563	1,241	—	4
11	—	9	305	54	112,082	7,947	—	5
Tons								
55,131	1,016	30,424	32,525	11,943	26,842,058	2,072,560	—	6
42,347	55	1,991	17,698	3,007	1,003,081	164,206	—	7
297	24	—	—	398	3,176,874	66,843	—	8
—	—	—	—	—	600,697	23,947	—	9
—	—	—	—	—	919,875	405,651	—	10
97,775	1,095	32,415	50,223	15,348	32,542,585	2,733,207	—	11
—	—	—	—	—	3,804,098	377,936	—	12
—	—	—	—	—	613,714	310,035	—	13
—	3	—	3	1	807,252	231,761	—	14
—	—	—	—	—	225,567	59,646	—	15
—	—	—	—	—	348,146	—	3,113	16
—	—	—	—	—	5,409,045	278,960	—	17
—	—	—	—	—	194,678	84,846	—	18
—	—	—	22	—	135,457	17,220	—	19
—	8	—	23	—	284	91	—	20
—	—	—	12	—	239,902	73,053	—	21
420	—	—	34	176	1,050	896	—	22
—	—	—	3	1,445	1,448	676	—	23
420	11	—	97	1,622	11,780,641	1,432,007	—	24
—	—	—	1,884	425	2,817	—	2,300	25
—	—	—	10	—	10	—	40	26
—	—	—	—	—	3,758	3,757	—	27
—	—	—	15	—	203	106	—	28
—	—	—	1,909	425	6,788	1,523	—	29
—	48	—	870	—	727,512	—	1,333,284	30
—	23	500	37	—	3,211,550	305,511	—	31
—	—	—	2	—	3,735	2,420	—	32
—	—	—	127	—	98,782	8,960	—	33
—	—	—	—	—	80,789	—	53,985	34
—	—	—	202	—	356,760	238,574	—	35
—	—	—	—	—	46,923	8,957	—	36
—	—	—	1	—	175,779	—	3,398	37
—	—	—	178	—	288	12	—	38
—	—	—	112	—	16,042	3,791	—	39
24,500	—	—	—	—	808,988	150,694	—	40
—	—	—	—	—	240,104	84,163	—	41
24,500	71	500	1,529	—	5,767,252	—	587,585	42
—	—	—	—	—	1,177,919	—	211,968	43
—	—	—	—	—	780	780	—	44
—	—	—	651	—	651	225	—	45
—	—	—	10,256	20	45,793	7,578	—	46
—	—	—	—	—	12	—	152	47
—	—	—	10,907	20	1,225,155	—	203,537	48
—	—	—	—	—	41,349	—	4,067	49
—	—	—	—	780	7,790,170	195,870	—	50
—	—	—	—	100	17,661	—	18,306	51
—	—	—	—	—	1,600	1,600	—	52
—	—	—	—	—	3,101,620	547,319	—	53
—	—	—	3	—	206,737	136,015	—	54
—	—	—	—	75	812,075	33,893	—	55
—	—	—	3	955	11,971,212	892,324	—	56
69,459	157	176	1,370	819	2,622,016	484,193	—	57
94,379	239	676	15,815	3,841	33,373,064	2,018,925	—	58

WATER TRANSPORT

TABLE 2. Canadian Canal Traffic, 1953
(Includes traffic through the United States locks at Sault Ste. Marie)
Duplications excluded¹

Canal	Up	Down	Total 1953	Total 1952
	Tons of Freight (2,000 lbs.)			
Ottawa only	—	200	200	900
Richelieu only	68,500	9,831	78,331	73,892
St. Lawrence and Ottawa	735	241,050	241,785	198,331
St. Lawrence, Ottawa & Richelieu	2	1,047 ³	1,047	1,920
St. Lawrence & Richelieu	15,001 ²	3	15,001	13,161
St. Lawrence only	1,624,659	2,868,449	4,493,108	4,956,456
St. Lawrence & Welland Ship	1,204,894	3,379,847	4,584,741	4,099,389
St. Lawrence, Welland Ship & Sault Ste. Marie	151,808	594,502	746,310	567,139
Welland Ship only	1,038,282	7,401,060	8,439,342	8,600,783
Welland Ship & Sault Ste. Marie	187,478	5,584,279	5,771,757	4,643,445
Sault Ste. Marie only (Canadian & U.S.) ⁴	11,347,786	110,623,317	121,971,103	102,151,910
Rideau River	849	682	1,531	921
Trent	131	108	239	135
Murray	572	104	676	380
St. Andrew's	13,127	2,688	15,815	16,203
St. Peter's	2,052	1,789	3,841	3,802
Total	15,655,874	130,708,953	146,364,827	125,328,767

1. Duplications 747,357 tons.

2. Down the Richelieu River Canal.

3. Up the Richelieu River Canal.

4. Through both Canadian and United States locks at 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 3. Canals of Canada

Name	Location		Length in miles	Number	Locks		
	From	To			Minimum dimensions in feet		
					Length	Width	Depth
Sault Ste. Marie	St. Mary's Rapids	Sault Ste. Marie	1.38	1	900	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:							
St. 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

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 4. Season of Navigation, 1953

Canals	First vessel passage	Last vessel passage	Number of days used
Sault Ste. Marie	March 29	December 15	262
Welland Ship	March 28	December 20	268
St. Lawrence	March 31	December 14	259
Richelieu River	April 15	November 29	229
St. Peter's	April 7	December 21	259
Murray	April 16	December 9	238
Ottawa River	April 15	November 20	220
Rideau	May 1	November 30	214
Trent	May 13	November 9	181
St. Andrews	May 21	November 3	167

TABLE 5. Total Freight using Canadian Canals During 1953

Canal	Total up	Total down	Grand total	Transported in		Transported in	
				Canadian vessels		Foreign vessels	
	Tons	Tons	Tons	Tons	P.C. of total	Tons	P.C. of total
Sault Ste. Marie	1,009,664	2,377,745	3,389,409	3,133,490	92.4	255,919	7.6
Welland Ship	2,582,462	16,959,688	19,542,150	16,445,404	84.2	3,096,746	15.8
St. Lawrence	2,997,097	7,084,895	10,081,992	9,397,237	93.2	684,755	6.8
Ottawa River	735	242,297	243,032	243,032	100.0	—	—
Rideau	849	682	1,531	1,531	100.0	—	—
Richelieu River	69,547	24,832	94,379	94,379	100.0	—	—
Trent	131	108	239	239	100.0	—	—
Murray	572	104	676	676	100.0	—	—
St. Andrew's	13,127	2,688	15,815	15,815	100.0	—	—
St. Peter's	2,052	1,789	3,841	3,841	100.0	—	—
Total Canadian canals	6,676,236	26,696,828	33,373,064	28,335,644	87.9	4,037,420	12.1
Sault Ste. Marie—Canadian and United States ¹	11,680,931	116,800,665	128,481,596	21,084,072	16.4	107,397,524	63.6

Canal	From Canadian to Canadian ports		From Canadian to United States ports		From United States to United States ports		From United States to Canadian ports	
	Up	Down	Up	Down	Up	Down	Up	Down
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Sault Ste. Marie	558,921	1,704,585	5,360	567,468	175,057	31,306	270,326	76,386
Welland Ship	1,039,269	5,761,360	677,151	106,680	844,382	735,185	21,660	10,356,463
St. Lawrence	1,959,961	4,994,786	637,094	112,261	304,043	192,944	95,999	1,784,904
Ottawa River	735	241,250	—	1,047	—	—	—	—
Rideau	849	682	—	—	—	—	—	—
Richelieu River	45,047	4,902	24,500	—	—	—	—	19,930
Trent	131	108	—	—	—	—	—	—
Murray	572	104	—	—	—	—	—	—
St. Andrew's	13,127	2,688	—	—	—	—	—	—
St. Peter's	2,052	1,636	—	153	—	—	—	—
Total Canadian canals	3,620,664	12,712,101	1,344,105	787,609	1,323,482	959,435	387,985	12,237,683
Sault Ste. Marie—Canadian and United States ¹	582,104	9,670,149	3,631	4,938,750	7,559,602	96,046,418	3,535,594	6,145,346

1. From United States Official Report.

TABLE 6. Vessels Using Canadian Canals, 1953

No.		Canada to Canada		Canada to United States		U.S. to U.S.		
		Up	Down	Up	Down	Up	Down	
Number and net registered tons								
Sault Ste. Marie canal:								
1	Canadian vessels steam	No.	1,492	1,389	77	210	9	171
2	" " sail	"	138	116	—	17	—	1
3	U.S. " steam	"	2	1	5	20	636	381
4	" " sail	"	—	—	—	2	4	3
5	Other foreign vessels	"	1	9	1	14	9	5
6	Total	"	1,633	1,515	83	263	658	561
7	Canadian vessels steam	Tons	1,964,918	1,270,536	191,623	325,390	22,031	30,272
8	" " sail	"	129,807	62,946	—	49,933	—	145
9	U.S. " steam	"	3,779	76	17,259	33,821	650,449	169,855
10	" " sail	"	—	—	—	2,009	979	559
11	Other foreign vessels	"	1,109	7,401	1,310	12,681	7,406	3,985
12	Total	"	2,099,613	1,340,959	210,192	423,834	680,865	204,816
Welland ship canal through and way:								
13	Canadian vessels steam	No.	1,387	1,903	2,101	17	8	5
14	" " sail	"	74	57	6	—	—	—
15	U.S. " steam	"	9	3	238	15	343	355
16	" " sail	"	2	—	33	10	260	205
17	Other foreign vessels	"	4	14	6	9	269	180
18	Total	"	1,476	1,977	2,384	51	880	745
19	Canadian vessels steam	Tons	2,228,707	3,054,855	5,143,318	20,298	9,858	10,119
20	" " sail	"	31,115	25,624	28,841	3,978	—	—
21	U.S. " steam	"	24,934	127	863,009	31,001	230,564	224,123
22	" " sail	"	1,295	—	25,957	7,604	268,484	243,085
23	Other foreign vessels	"	3,318	10,611	4,335	5,869	204,810	138,398
24	Total	"	2,289,369	3,091,217	6,063,460	68,750	713,716	615,725
Welland ship canal through:								
25	Canadian vessels steam	No.	873	1,536	1,941	10	8	5
26	" " sail	"	25	13	2	—	—	—
27	U.S. " steam	"	4	3	199	15	343	355
28	" " sail	"	1	—	13	6	260	205
29	Other foreign vessels	"	2	11	4	9	269	180
30	Total	"	905	1,563	2,159	40	880	745
31	Canadian vessels steam	Tons	1,614,077	2,606,127	4,839,166	13,003	9,858	10,119
32	" " sail	"	7,131	5,158	19,703	3,978	—	—
33	U.S. " steam	"	18,327	127	774,324	31,001	230,564	224,123
34	" " sail	"	17	—	12,633	5,045	268,484	243,085
35	Other foreign vessels	"	1,718	8,369	2,784	5,869	204,810	138,398
36	Total	"	1,641,270	2,619,781	5,648,610	58,896	713,716	615,725
Welland ship canal way:								
37	Canadian vessels steam	No.	514	367	160	7	—	—
38	" " sail	"	49	44	4	—	—	—
39	U.S. " steam	"	5	—	39	—	—	—
40	" " sail	"	1	—	20	4	—	—
41	Other foreign vessels	"	2	3	2	—	—	—
42	Total	"	571	414	225	11	—	—
43	Canadian vessels steam	Tons	614,630	446,728	304,152	7,295	—	—
44	" " sail	"	23,984	20,466	9,138	—	—	—
45	U.S. " steam	"	6,607	—	88,685	—	—	—
46	" " sail	"	1,278	—	13,324	2,559	—	—
47	Other foreign vessels	"	1,600	2,242	1,551	—	—	—
48	Total	"	646,099	471,436	416,850	9,854	—	—

TABLE 6. Vessels Using Canadian Canals, 1953

United States to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
Number and net registered tons								
315	23	1,893	1,793	3,686	3,325	361	—	1
23	—	161	134	295	290	5	—	2
29	—	672	412	1,084	1,032	52	—	3
1	—	5	5	10	12	—	2	4
25	8	36	36	72	42	30	—	5
393	31	2,767	2,380	5,147	4,701	446	—	6
526,028	29,575	2,704,600	1,655,773	4,360,373	3,880,178	480,195	—	7
65,101	—	194,908	113,024	307,932	259,532	48,400	—	8
69,201	—	740,688	203,752	944,440	694,327	250,113	—	9
397	—	1,376	2,568	3,944	5,489	—	1,545	10
21,287	9,579	31,112	33,646	64,758	35,058	29,700	—	11
682,014	39,154	3,672,684	2,008,763	5,681,447	4,874,584	806,863	—	12
22	1,479	3,518	3,404	6,922	6,864	58	—	13
—	1	80	58	138	95	43	—	14
18	229	608	602	1,210	1,369	—	159	15
4	37	299	252	551	516	35	—	16
4	65	283	268	551	314	237	—	17
48	1,811	4,788	4,584	9,372	9,158	214	—	18
23,651	4,217,567	7,405,534	7,302,859	14,708,393	12,902,136	1,806,257	—	19
—	10	59,956	29,612	89,568	74,728	14,840	—	20
22,949	822,122	1,141,456	1,077,373	2,218,829	2,383,996	—	165,167	21
5,049	31,191	300,785	281,880	582,665	567,028	14,737	—	22
2,361	50,607	214,824	205,485	420,309	237,443	182,866	—	23
54,010	5,121,517	9,122,555	8,897,209	18,019,764	16,166,231	1,853,533	—	24
19	1,382	2,841	2,933	5,774	5,655	119	—	25
—	1	27	14	41	22	19	—	26
18	192	564	565	1,129	1,300	—	171	27
4	16	278	227	505	508	—	4	28
4	64	279	264	543	305	238	—	29
45	1,655	3,969	4,003	7,992	7,790	202	—	30
21,574	4,022,855	6,484,675	6,652,104	13,136,779	11,290,330	1,846,449	—	31
—	10	26,834	9,146	35,980	6,467	29,513	—	32
22,949	737,195	1,046,164	992,446	2,038,610	2,217,256	—	178,646	33
5,049	17,241	286,183	265,371	551,554	559,360	—	7,806	34
2,361	49,958	211,673	202,594	414,267	231,122	183,145	—	35
51,933	4,827,259	8,055,529	8,121,661	16,177,190	14,304,535	1,872,655	—	36
3	97	677	471	1,148	1,209	—	61	37
—	—	53	44	97	73	24	—	38
—	37	44	37	81	69	12	—	39
—	21	21	25	46	8	38	—	40
—	1	4	4	8	9	—	1	41
3	156	799	581	1,380	1,368	12	—	42
2,077	194,732	920,859	650,755	1,571,614	1,611,806	—	40,192	43
—	—	33,122	20,466	53,588	68,261	—	14,673	44
—	84,927	95,292	84,927	180,219	166,740	13,479	—	45
—	13,950	14,602	16,509	31,111	8,568	22,543	—	46
—	649	3,151	2,891	6,042	6,321	—	279	47
2,077	294,258	1,067,026	775,548	1,842,574	1,861,696	—	19,122	48

TABLE 6. Vessels Using Canadian Canals, 1953 - Continued

No.		Canada to Canada		Canada to United States		U.S. to U.S.		
		Up	Down	Up	Down	Up	Down	
Number and net registered tons								
St. Lawrence river canals through and way:								
1	Canadian vessels steam	No.	2,872	3,484	1,229	25	29	—
2	“ “ sail	“	344	338	—	—	—	—
3	U.S. “ steam	“	5	4	4	3	15	11
4	“ “ sail	“	—	—	—	—	6	6
5	Other foreign vessels.....	“	1	18	2	52	268	207
6	Total	“	3,222	3,844	1,235	80	318	224
7	Canadian vessels steam	Tons	2,288,529	2,965,968	1,429,558	11,596	31,364	—
8	“ “ sail	“	137,856	136,169	—	—	—	—
9	U.S. “ steam	“	84	66	1,509	74	4,549	4,455
10	“ “ sail	“	—	—	—	—	7,176	6,912
11	Other foreign vessels.....	“	1,021	14,695	1,747	34,530	204,523	157,142
12	Total	“	2,427,490	3,116,896	1,432,814	46,200	247,612	168,509
St. Lawrence river canals through:								
13	Canadian vessels steam	No.	1,873	2,387	1,060	15	6	—
14	“ “ sail	“	9	6	—	—	—	—
15	U.S. “ steam	“	2	1	4	—	6	3
16	“ “ sail	“	—	—	—	—	—	—
17	Other foreign vessels.....	“	—	15	2	52	268	207
18	Total	“	1,884	2,409	1,066	67	280	210
19	Canadian vessels steam	Tons	2,074,644	2,717,821	1,230,467	10,368	4,211	—
20	“ “ sail	“	3,514	1,886	—	—	—	—
21	U.S. “ steam	“	32	18	1,509	—	2,795	2,595
22	“ “ sail	“	—	—	—	—	—	—
23	Other foreign vessels.....	“	—	12,319	1,747	34,530	204,523	157,142
24	Total	“	2,078,190	2,732,044	1,233,723	44,896	211,529	159,737
St. Lawrence river canals way:								
25	Canadian vessels steam	No.	999	1,097	169	10	23	—
26	“ “ sail	“	335	332	—	—	—	—
27	U.S. “ steam	“	3	3	—	3	9	8
28	“ “ sail	“	—	—	—	—	6	6
29	Other foreign vessels.....	“	1	3	—	—	—	—
30	Total	“	1,338	1,435	169	13	38	14
31	Canadian vessels steam	Tons	213,685	248,147	199,091	1,228	27,153	—
32	“ “ sail	“	134,342	134,283	—	—	—	—
33	U.S. “ steam	“	52	48	—	74	1,754	1,860
34	“ “ sail	“	—	—	—	—	7,176	6,912
35	Other foreign vessels.....	“	1,021	2,376	—	—	—	—
36	Total	“	349,300	384,854	199,091	1,302	36,083	8,772
Richelieu river canal:								
37	Canadian vessels steam	No.	84	88	135	—	1	—
38	“ “ sail	“	99	99	—	—	—	—
39	U.S. “ steam	“	—	2	11	—	—	—
40	Other foreign vessels.....	“	—	—	—	—	—	—
41	Total	“	183	189	146	—	1	—
42	Canadian vessels steam	Tons	4,080	4,159	23,438	—	26	—
43	“ “ sail	“	21,186	21,161	—	—	—	—
44	U.S. “ steam	“	—	33	187	—	—	—
45	Other foreign vessels.....	“	—	—	—	—	—	—
46	Total	“	25,266	25,353	23,625	—	26	—

TABLE 6. Vessels Using Canadian Canals, 1953 - Continued

United States to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
Number and net registered tons								
110	756	4,240	4,265	8,505	8,445	60	-	1
-	-	344	338	682	548	134	-	2
-	10	24	28	52	78	-	26	3
-	-	6	6	12	4	8	-	4
20	10	291	287	578	319	259	-	5
130	776	4,905	4,924	9,829	9,394	435	-	6
41,892	847,698	3,791,343	3,825,262	7,616,605	7,826,817	-	210,212	7
-	-	137,856	136,169	274,025	229,764	44,261	-	8
-	1,814	6,142	6,409	12,551	30,366	-	17,815	9
-	-	7,176	6,912	14,088	3,327	10,761	-	10
12,038	9,112	219,329	215,479	434,808	241,708	193,100	-	11
53,930	858,624	4,161,846	4,190,231	8,352,077	8,331,982	20,095	-	12
15	606	2,954	3,008	5,962	6,094	-	132	13
-	-	9	6	15	18	-	3	14
-	10	12	14	26	61	-	35	15
-	-	-	-	-	4	-	4	16
17	10	287	284	571	314	257	-	17
32	626	3,262	3,312	6,574	6,491	83	-	18
11,990	659,987	3,321,312	3,388,176	6,709,488	7,027,188	-	317,700	19
-	-	3,514	1,886	5,400	5,244	156	-	20
-	1,814	4,336	4,427	8,763	29,268	-	20,505	21
-	-	-	-	-	3,327	-	3,327	22
10,026	9,112	216,296	213,103	429,399	238,074	191,325	-	23
22,016	670,913	3,545,458	3,607,592	7,153,050	7,303,101	-	150,051	24
95	150	1,286	1,257	2,543	2,351	192	-	25
-	-	335	332	667	530	137	-	26
-	-	12	14	26	17	9	-	27
-	-	6	6	12	-	12	-	28
3	-	4	3	7	5	2	-	29
98	150	1,643	1,612	3,255	2,903	352	-	30
29,902	187,711	470,031	437,086	907,117	799,629	107,488	-	31
-	-	134,342	134,283	268,625	224,520	44,105	-	32
-	-	1,806	1,982	3,788	1,098	2,690	-	33
-	-	7,176	6,912	14,088	-	14,088	-	34
2,012	-	3,033	2,376	5,409	3,634	1,775	-	35
31,914	187,711	616,388	582,639	1,199,027	1,028,881	170,146	-	36
-	131	220	219	439	396	43	-	37
-	-	99	99	198	182	16	-	38
-	5	11	7	16	35	-	17	39
-	-	-	-	-	1	-	1	40
-	136	330	325	655	614	41	-	41
-	23,428	27,544	27,587	55,131	55,153	-	22	42
-	-	21,186	21,161	42,347	32,779	9,568	-	43
-	77	187	110	297	919	-	622	44
-	-	-	-	-	15	-	15	45
-	23,505	48,917	48,858	97,775	88,866	8,909	-	46

TABLE 6. Vessels Using Canadian Canals, 1953 -- Concluded

No.		Canada to Canada		Canada to United States		U.S. to U.S.		
		Up	Down	Up	Down	Up	Down	
		Number and net registered tons						
	Ottawa river canals:							
1	Canadian vessels steam	No.	287	281	—	5	—	
2	“ “ sail	“	290	290	—	—	—	
3	U.S. “ steam	“	2	—	—	—	—	
4	Total	“	579	571	—	5	—	
5	Canadian vessels steam	Tons	11,151	10,140	—	970	—	
6	“ “ sail	“	131,309	131,318	—	—	—	
7	U.S. “ steam	“	32	—	—	—	—	
8	Total	“	142,492	141,458	—	970	—	
	St. Peter's canal:							
9	Canadian vessels steam	No.	209	238	—	7	—	
10	“ “ sail	“	13	14	—	—	—	
11	U.S. “ steam	“	4	3	—	7	—	
12	“ “ sail	“	—	—	—	—	—	
13	Total	“	226	255	—	14	—	
14	Canadian vessels steam	Tons	5,098	6,226	—	403	—	
15	“ “ sail	“	1,462	1,545	—	—	—	
16	U.S. “ steam	“	108	78	—	92	—	
17	“ “ sail	“	—	—	—	—	—	
18	Total	“	6,668	7,849	—	495	—	
	Murray canal:							
19	Canadian vessels steam	No.	12	12	48	—	—	
20	“ “ sail	“	3	9	—	—	—	
21	U.S. “ steam	“	—	—	—	—	—	
22	Total	“	15	21	48	—	—	
23	Canadian vessels steam	“	1,332	375	28,717	—	—	
24	“ “ sail	“	726	1,265	—	—	—	
25	U.S. “ steam	“	—	—	—	—	—	
26	Total	“	2,058	1,640	28,717	—	—	
	St. Andrew's canal:							
27	Canadian vessels steam	No.	218	220	—	—	—	
28	“ “ sail	“	22	22	—	—	—	
29	Total	“	240	242	—	—	—	
30	Canadian vessels steam	Tons	16,209	16,316	—	—	—	
31	“ “ sail	“	8,928	8,770	—	—	—	
32	Total	“	25,137	25,086	—	—	—	
	Rideau canal:							
33	Canadian vessels steam	No.	95	91	—	—	—	
34	“ “ sail	“	26	29	—	—	—	
35	U.S. “ steam	“	9	13	—	—	—	
36	Total	“	130	133	—	—	—	
37	Canadian vessels steam	Tons	1,675	1,712	—	—	—	
38	“ “ sail	“	1,963	1,868	—	—	—	
39	U.S. “ steam	“	113	190	—	—	—	
40	Total	“	3,751	3,770	—	—	—	
	Trent canal:							
41	Canadian vessels steam	No.	32	35	—	—	—	
42	“ “ sail	“	—	2	—	—	—	
43	U.S. “ steam	“	1	1	—	—	—	
44	Total	“	33	38	—	—	—	
45	Canadian vessels steam	Tons	484	532	—	—	—	
46	“ “ sail	“	—	55	—	—	—	
47	U.S. “ steam	“	14	10	—	—	—	
48	Total	“	498	597	—	—	—	

TABLE 6. Vessels Using Canadian Canals, 1953 - Concluded

United States to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
Number and net registered tons								
-	-	287	286	573	484	89	-	1
-	-	290	290	580	481	99	-	2
-	-	2	-	2	1	1	-	3
-	-	579	576	1,155	966	189	-	4
-	-	11,151	11,110	22,261	18,008	4,253	-	5
-	-	131,309	131,318	262,627	216,969	45,658	-	6
-	-	32	-	32	19	13	-	7
-	-	142,492	142,428	284,920	234,996	49,924	-	8
3	-	212	245	457	438	19	-	9
-	-	13	14	27	26	1	-	10
7	-	11	10	21	13	8	-	11
-	-	-	-	-	1	-	1	12
10	-	236	269	505	478	27	-	13
216	-	5,314	6,629	11,943	12,386	-	443	14
-	-	1,462	1,545	3,007	5,762	-	2,755	15
120	-	228	170	398	176	222	-	16
-	-	-	-	-	6	-	6	17
336	-	7,004	8,344	15,348	18,330	-	2,982	18
-	-	60	12	72	91	-	19	19
-	-	3	9	12	2	10	-	20
-	-	-	-	-	1	-	1	21
-	-	63	21	84	94	-	10	22
-	-	30,049	375	30,424	33,236	-	2,812	23
-	-	726	1,265	1,991	557	1,434	-	24
-	-	-	-	-	7	-	7	25
-	-	30,775	1,640	32,415	33,800	-	1,385	26
-	-	218	220	438	620	-	182	27
-	-	22	22	44	42	2	-	28
-	-	240	242	482	662	-	180	29
-	-	16,209	16,316	32,525	38,866	-	6,341	30
-	-	8,928	8,770	17,698	14,234	3,464	-	31
-	-	25,137	25,086	50,223	53,100	-	2,877	32
-	-	95	91	186	104	82	-	33
-	-	26	29	55	65	-	10	34
-	-	9	13	22	14	8	-	35
-	-	130	133	263	183	80	-	36
-	-	1,675	1,712	3,387	2,087	1,300	-	37
-	-	1,963	1,868	3,831	4,256	-	425	38
-	-	113	190	303	176	127	-	39
-	-	3,751	3,770	7,521	6,519	1,002	-	40
-	-	32	35	67	50	17	-	41
-	-	-	2	2	17	-	15	42
-	-	1	1	2	5	-	3	43
-	-	33	38	71	72	-	1	44
-	-	484	532	1,016	631	385	-	45
-	-	-	55	55	294	-	239	46
-	-	14	10	24	45	-	21	47
-	-	498	597	1,095	970	125	-	48

WATER TRANSPORT

TABLE 7. Freight Rates by Water on Canadian Wheat During 1952 and 1953

Fort William - Port Arthur to	1952			1953		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	\$	cents	cents	\$	cents
Montreal:						
April	16.00	5.33	0.434	16.00	5.33	0.434
May	16.00	5.33	0.434	16.00	5.33	0.434
June	16.00	5.33	0.434	16.00	5.33	0.434
July	16.00	5.33	0.434	16.00	5.33	0.434
August	16.00	5.33	0.434	15.89	5.30	0.432
September	16.00	5.33	0.434	16.00	5.33	0.434
October	16.00	5.33	0.434	16.00	5.33	0.434
November	16.00	5.33	0.434	16.00	5.33	0.434
December	—	—	—	12.00	4.00	0.326
Average	16.00	5.33	0.434	15.90	5.30	0.432
Including storage	—	—	—	—	—	—
Goderich and Georgian Bay Ports:						
April	5.50	1.83	0.341	5.50	1.83	0.341
May	5.50	1.83	0.341	5.54	1.85	0.345
June	5.50	1.83	0.341	5.50	1.83	0.341
July	5.50	1.83	0.341	5.50	1.83	0.341
August	5.49	1.83	0.341	5.50	1.83	0.341
September	5.50	1.83	0.341	5.50	1.83	0.341
October	5.50	1.83	0.341	5.50	1.83	0.341
November	5.50	1.83	0.341	5.50	1.83	0.341
December	5.75	1.92	0.358	5.52	1.84	0.343
Average	5.53	1.84	0.343	5.51	1.84	0.343
Including storage	5.82	1.94	0.361	5.59	1.86	0.346
Port Colborne:						
April	7.58	2.53	0.298	7.50	2.50	0.295
May	7.50	2.50	0.295	7.50	2.50	0.295
June	7.60	2.53	0.298	7.50	2.50	0.295
July	7.50	2.50	0.295	7.50	2.50	0.295
August	7.50	2.50	0.295	7.59	2.53	0.298
September	7.50	2.50	0.295	7.50	2.50	0.295
October	7.50	2.50	0.295	7.50	2.50	0.295
November	7.50	2.50	0.295	7.80	2.60	0.307
December	8.33	2.78	0.328	7.50	2.50	0.295
Average	7.54	2.51	0.296	7.54	2.51	0.296
Including storage	7.76	2.59	0.305	7.66	2.55	0.301
Buffalo and other U.S. Ports:						
April	9.15	3.05	0.354	9.50	3.17	0.368
May	9.04	3.01	0.349	8.97	2.99	0.347
June	8.50	2.83	0.328	9.45	3.15	0.365
July	6.81	2.27	0.263	9.00	3.00	0.348
August	8.82	2.94	0.341	8.65	2.88	0.334
September	9.77	3.26	0.378	7.50	2.50	0.290
October	8.34	2.78	0.323	7.50	2.50	0.290
November	9.43	3.14	0.364	7.28	2.43	0.282
December	11.59	3.86	0.448	10.48	3.49	0.405
Average	8.91	2.97	0.345	8.82	2.94	0.341
Including storage	9.25	3.08	0.357	8.96	2.99	0.347
Port Colborne to Montreal:						
April	8.31	2.77	0.729	8.55	2.85	0.750
May	8.50	2.83	0.745	8.47	2.82	0.742
June	8.50	2.83	0.745	8.50	2.83	0.745
July	8.50	2.83	0.745	8.50	2.83	0.745
August	8.50	2.83	0.745	8.50	2.83	0.745
September	8.50	2.83	0.745	8.89	2.96	0.779
October	8.47	2.82	0.742	8.50	2.83	0.745
November	8.50	2.83	0.745	8.33	2.78	0.732
December	8.50	2.83	0.745	8.50	2.83	0.745
Average	8.49	2.83	0.745	8.52	2.84	0.747

TABLE 8. Freight Rates by Water on Barley and Oats During 1953

Fort William - Port Arthur to	Barley			Oats		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	\$	cents	cents	\$	cents
Montreal:						
April	15.25	6.35	0.517	12.97	7.63	0.621
May	15.25	6.35	0.517	12.50	7.35	0.599
June	15.25	6.35	0.517	12.72	7.48	0.609
July	15.25	6.35	0.517	12.50	7.35	0.599
August	13.67	5.70	0.464	12.68	7.46	0.607
September	15.25	6.35	0.517	12.96	7.62	0.621
October	14.84	6.18	0.503	13.08	7.69	0.626
November	15.25	6.35	0.517	12.50	7.35	0.599
December	—	—	—	—	—	—
Average	14.93	6.22	0.507	12.74	7.49	0.6

TABLE 8. Freight Rates by Water on Barley and Oats During 1953— Concluded

Fort William — Port Arthur to	Barley			Oats		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	\$	cents	cents	\$	cents
Goderich and Georgian Bay Ports:						
April	5.25	2.19	0.408	5.00	2.94	0.547
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	5.05	2.97	0.553
September	5.25	2.19	0.408	5.00	2.94	0.547
October	5.25	2.19	0.408	5.00	2.94	0.547
November	5.30	2.21	0.412	5.58	3.28	0.611
December	7.82	3.26	0.607	6.67	3.92	0.730
Average	5.81	2.42	0.451	5.13	3.02	0.562
Port Colborne:						
April	7.25	3.02	0.356	6.46	3.80	0.448
May	7.25	3.02	0.356	6.75	3.97	0.468
June	7.28	3.03	0.356	6.31	3.71	0.437
July	7.26	3.03	0.357	6.46	3.80	0.448
August	7.30	3.04	0.356	6.42	3.78	0.446
September	7.25	3.02	0.356	6.07	3.57	0.421
October	7.25	3.02	0.356	6.48	3.81	0.449
November	8.32	3.47	0.646	6.00	3.53	0.416
December	10.00	4.17	0.777	—	—	—
Average	7.33	3.05	0.358	6.38	3.75	0.442
Buffalo and other U.S. Ports:						
April	8.80	3.67	0.426	8.35	4.91	0.570
May	8.69	3.62	0.420	6.34	3.73	0.432
June	9.00	3.75	0.435	6.41	3.77	0.437
July	7.09	2.95	0.342	6.27	3.69	0.428
August	6.63	2.76	0.320	5.54	3.26	0.378
September	6.64	2.77	0.321	5.07	2.98	0.346
October	6.14	2.56	0.297	4.70	2.76	0.320
November	5.69	2.37	0.275	5.26	3.09	0.358
December	8.97	3.74	0.434	6.28	3.69	0.428
Average	7.00	2.92	0.339	5.88	3.46	0.401
Port Colborne to Montreal:						
April	8.02	3.34	0.899	6.22	3.66	0.963
May	8.03	3.35	0.882	6.75	3.97	1.045
June	8.00	3.33	0.876	—	—	—
July	8.05	3.35	0.882	6.75	3.97	1.045
August	8.00	3.33	0.876	6.47	3.81	1.003
September	8.00	3.33	0.876	—	—	—
October	8.00	3.33	0.876	6.99	4.11	1.081
November	8.05	3.35	0.882	6.96	4.09	1.076
December	—	—	—	—	—	—
Average	8.02	3.34	0.879	6.76	3.98	1.047

TABLE 9. Freight Rates by Water on Flax and Rye During 1953

Fort William — Port Arthur to	Flax			Rye		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	\$	cents	cents	\$	cents
Montreal:						
April	18.83	6.72	0.547	16.00	5.71	0.465
May	18.00	6.43	0.524	16.00	5.71	0.465
June	—	—	—	16.00	5.71	0.465
July	18.00	6.43	0.524	16.00	5.71	0.465
August	18.00	6.43	0.524	—	—	—
September	18.00	6.43	0.524	—	—	—
October	18.00	6.43	0.524	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
Average	18.10	6.46	0.526	16.00	5.71	0.465
Goderich and Georgian Bay Ports:						
April	5.50	1.96	0.365	5.50	1.96	0.365
May	—	—	—	—	—	—
June	—	—	—	5.50	1.96	0.365
July	—	—	—	5.50	1.96	0.365
August	5.50	1.96	0.365	5.42	1.94	0.361
September	—	—	—	5.50	1.96	0.365
October	—	—	—	—	—	—
November	—	—	—	7.50	2.68	0.499
December	—	—	—	5.50	1.96	0.365
Average	5.50	1.96	0.365	5.81	2.07	0.385

TABLE 9. Freight Rates by Water on Flax and Rye During 1953 - Concluded

Fort William - Port Arthur to	Flax			Rye		
	Average rate per bushel	Average rate per ton	Average rate per ton-mile	Average rate per bushel	Average rate per ton	Average rate per ton-mile
	cents	\$	cents	cents	\$	cents
Port Colborne:						
April	—	—	—	7.50	2.68	0.316
May	—	—	—	7.50	2.68	0.316
June	9.50	3.39	0.400	7.83	2.80	0.330
July	—	—	—	7.50	2.68	0.316
August	9.50	3.39	0.400	7.50	2.68	0.316
September	8.50	3.04	0.358	—	—	—
October	8.50	3.04	0.358	—	—	—
November	8.00	2.86	0.337	7.50	2.68	0.316
December	—	—	—	—	—	—
Average	8.83	3.15	0.371	7.69	2.75	0.324
Buffalo and other U.S. Ports:						
April	—	—	—	9.66	3.45	0.400
May	—	—	—	8.50	3.04	0.353
June	—	—	—	8.50	3.04	0.353
July	—	—	—	6.64	2.37	0.275
August	—	—	—	6.39	2.28	0.264
September	—	—	—	6.56	2.34	0.272
October	—	—	—	7.16	2.56	0.297
November	—	—	—	6.13	2.19	0.254
December	—	—	—	11.50	4.11	0.477
Average	—	—	—	7.28	2.60	0.302
Port Colborne to Montreal:						
April	—	—	—	8.50	3.04	0.800
May	—	—	—	—	—	—
June	—	—	—	8.50	3.04	0.800
July	—	—	—	—	—	—
August	—	—	—	8.50	3.04	0.800
September	—	—	—	—	—	—
October	9.50	3.39	0.892	—	—	—
November	8.98	3.21	0.845	—	—	—
December	—	—	—	—	—	—
Average	9.06	3.24	0.853	8.50	3.04	0.800

TABLE 10. Freight Carried up the St. Lawrence Canals from Outside Points

County of Registry	Number of vessels		Cargo tons	
	1953	1952	1953	1952
Canada	144	140	154,196	199,831
Great Britain	58	25	49,950	23,435
Norway	123	59	175,013	69,737
Sweden	37	33	50,592	32,276
Netherlands	35	22	41,476	27,662
Denmark	1	—	500	—
Finland	5	2	6,841	2,280
Germany	61	25	70,702	25,447
United States	—	3	—	5,136
France	6	—	7,396	—
Panama	1	—	1,718	—
Total	471	309	538,384	385,804

Freight Carried Down the St. Lawrence Canals to Outside Points

County of Registry	Number of vessels		Cargo tons	
	1953	1952	1953	1952
Canada	40	27	35,249	32,161
Great Britain	56	30	44,066	29,296
Norway	106	58	119,251	59,380
Sweden	38	33	41,021	28,831
Netherlands	32	24	37,249	29,518
Germany	69	27	65,698	28,341
United States	—	1	—	1,500
Denmark	1	—	600	—
Finland	4	—	3,112	—
France	5	—	6,169	—
Total	351	200	352,415	209,077

TABLE 11. Traffic Through Canals at Sault Ste. Marie Canadian and United States, in 1953

	Up					
	Canadian Canal	United States Canal	Total			
Vessel passages	No. 2,767	No. 10,014	No. 12,781			
Registered tonnage	3,672,684	48,426,107	52,098,791			
Passengers	52,846	2,150	54,996			
	Tons	Tons	Tons			
Lumber	—	—	—			
Pulpwood	—	—	—			
Flour	425	—	425			
Wheat	8,310	—	8,310			
Grain (other than wheat)	3,126	—	3,126			
Copper	—	—	—			
Iron ore	702	224,185	224,887			
Pig iron	—	—	—			
Manufactured iron and steel	3,571	35,100	38,671			
Soft coal and coke	270,165	8,334,433	8,604,598			
Hard coal	12,122	84,819	96,941			
Salt	17,133	47,713	64,846			
Crude oil	—	—	—			
Other oils and gasoline	301,810	319,738	621,548			
Stone	19,129	1,279,966	1,299,095			
Merchandise and miscellaneous	373,171	351,454	724,625			
Total freight	1,009,664	10,677,408	11,687,072			
	Down			Grand Total	Compared with 1952	
	Canadian Canal	United States Canal	Total		Increase	Decrease
Vessel passages	No. 2,380	No. 10,443	No. 12,823	No. 25,604	No. 2,498	No. —
Registered tonnage	2,008,763	50,006,709	52,015,472	104,114,263	17,444,007	—
Passengers	52,520	2,100	54,620	109,616	9,668	—
	Tons	Tons	Tons	Tons	Tons	Tons
Lumber	—	—	—	—	—	—
Pulpwood	183,140	299,700	482,840	482,840	—	87,019
Flour	106,883	2,108	108,991	109,416	1,729	—
Wheat	523,957	7,564,480	8,088,437	8,096,747	—	1,461,718
Grain (other than wheat)	963,298	4,255,793	5,219,091	5,222,217	666,881	—
Copper	—	—	—	—	—	—
Iron ore	—	98,432,704	98,432,704	98,657,591	22,743,468	—
Pig iron	—	176,719	176,719	176,719	—	35,710
Manufactured iron and steel	36,326	355,352	391,678	430,349	307,049	—
Soft coal and coke	5,000	—	5,000	8,609,598	—	1,291,613
Hard coal	—	—	—	96,941	—	71,273
Salt	—	—	—	64,846	—	2,888
Crude oil	21,945	3,305,099	3,327,044	3,327,044	402,710	—
Other oils and gasoline	15,528	60	15,588	637,136	—	104,633
Stone	91,009	—	91,009	1,390,104	—	75,035
Merchandise and miscellaneous	432,659	30,338	462,997	1,187,622	134,726	—
Total freight	2,379,745	114,422,353	116,802,098	128,489,170	21,126,676	—

TABLE 12. Traffic on the Sault Ste. Marie Canal during 1953

No.	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	8,576	8,981	197	512	43,561	42,927
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley	—	365,036	3,126	90,028	—	—
3	Corn	—	—	—	—	—	7,686
4	Oats	—	270,150	—	67,431	—	—
5	Rye	—	22,816	—	33,687	—	—
6	Flaxseed	—	55,007	—	—	—	—
7	Wheat	—	490,083	—	13,758	8,310	20,116
8	Other grains	—	3,201	—	—	—	—
9	Flour	425	99,379	—	7,504	—	—
10	Hay and Straw	—	—	—	—	—	—
11	Other mill products	686	187,212	—	11,663	—	—
12	Fruit and vegetables	—	—	—	—	—	—
13	Potatoes	—	—	—	—	—	—
14	Total	1,111	1,492,884	3,126	224,071	8,310	27,802
	Animal products:						
15	Fish	—	173	—	—	—	—
16	Dressed meats	—	—	—	—	—	—
17	Other packing-house products	—	—	—	—	—	—
18	All other animal products	—	—	—	—	—	—
19	Total	—	178	—	—	—	—
	Manufactures and miscellaneous:						
20	Gasoline	83,701	3,000	—	—	66,449	—
21	Petroleum and other oils	104,336	10,488	—	—	28,424	—
22	Agricultural implements	576	—	—	—	—	—
23	Cement, brick, plaster	—	—	—	—	—	—
24	Iron, pig and bloom	—	1,995	—	2,460	—	—
25	Iron and steel, other	3,571	29,836	—	2,035	—	—
26	Sugar	2,939	—	—	—	—	—
27	Salt	12,371	—	—	—	1,680	—
28	Beverages	—	—	—	—	—	—
29	Autos and parts	5,266	1,126	—	—	2,235	—
30	Paper	857	16,105	—	106,774	—	—
31	Wood pulp	—	14,715	—	73,138	2,397	—
32	Total	213,617	77,265	—	184,407	101,185	—
	Forest products:						
33	Pulpwood	25,114	—	—	158,026	—	—
34	Logs-posts-poles-piling	—	—	—	655	—	—
35	Firewood	—	—	—	—	—	—
36	Lumber-mill-cooperage stock	—	—	—	—	—	—
37	Other forest products	—	—	—	—	—	—
38	Total	25,114	—	—	158,681	—	—
	Mine products:						
39	Hard coal	—	—	—	—	5,014	—
40	Soft coal	2,500	5,000	—	—	38,732	—
41	Coke	—	—	—	—	—	—
42	Copper ore	—	—	—	—	—	—
43	Iron ore	—	—	—	—	—	—
44	Other ore	—	—	—	—	—	—
45	Sand, gravel and stone	—	91,009	—	—	19,129	—
46	Total	2,500	96,009	—	—	62,875	—
47	All other freight	341,693	13,135	2,234	309	2,687	3,504
48	Grand total	558,921	1,704,585	5,360	567,468	175,057	31,306

Tons (2,000 lbs.) of cargo. Number of pleasure craft lockages in 1953 through the lock = 419.

TABLE 12. Traffic on the Sault Ste. Marie Canal during 1953

U. S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
512	100	52,846	52,520	105,366	97,452	7,914	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	3,126	455,064	458,190	351,425	106,765	-	2
-	48,256	-	55,942	55,942	-	55,942	-	3
-	-	-	337,581	337,581	265,966	71,615	-	4
-	-	-	56,503	56,503	11,291	45,212	-	5
-	-	-	55,007	55,007	54,415	592	-	6
-	-	8,310	523,957	532,267	589,235	-	56,968	7
-	-	-	3,201	3,201	-	3,201	-	8
-	-	425	106,883	107,308	107,687	-	379	9
-	-	-	-	-	-	-	-	10
-	-	686	198,875	199,561	166,849	32,712	-	11
-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	13
-	48,256	12,547	1,793,013	1,805,560	1,546,868	258,692	-	14
-	-	-	178	178	184	-	-	6
-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	-	18
-	-	-	178	178	184	-	-	6
11,100	-	161,250	3,000	164,250	229,640	-	65,390	20
7,800	23,985	140,560	34,473	175,033	243,336	-	68,303	21
901	-	1,477	-	1,477	695	782	-	22
-	-	-	-	-	500	-	500	23
-	-	-	4,455	4,455	77,975	-	73,520	24
-	-	3,571	31,871	35,442	5,964	29,478	-	25
-	-	2,939	-	2,939	-	2,939	-	26
3,082	-	17,133	-	17,133	13,201	3,932	-	27
-	-	-	-	-	-	-	-	28
-	-	7,501	1,126	8,627	8,754	-	127	29
-	-	857	122,879	123,736	120,088	3,648	-	30
-	-	2,397	87,853	90,250	47,671	42,579	-	31
22,853	23,985	337,685	285,657	623,342	747,824	-	124,482	32
-	-	-	183,140	183,140	234,367	-	51,227	33
-	-	-	655	655	-	655	-	34
-	-	-	-	-	-	-	-	35
-	-	-	-	-	-	-	-	36
-	-	-	-	-	9	-	9	37
-	-	-	183,795	183,795	234,376	-	50,581	38
7,108	-	12,122	-	12,122	9,294	2,828	-	39
227,304	-	268,536	5,000	273,536	291,170	-	17,634	40
1,629	-	1,629	-	1,629	5,221	-	3,592	41
-	-	-	-	-	-	-	-	42
702	-	702	-	702	-	702	-	43
-	-	-	-	-	-	-	-	44
-	-	19,129	91,009	110,138	68,250	41,888	-	45
236,743	-	302,118	96,009	398,127	373,935	24,192	-	46
10,700	4,145	357,314	21,093	378,407	392,236	-	13,829	47
270,326	76,386	1,009,664	2,379,745	3,389,409	3,295,423	93,986	-	48

TABLE 13. Through and Way Traffic on the Welland Ship Canal during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers..... No.	25	-	2,294	-	346	353
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley.....	5,300	1,712,913	-	2,700	-	15,175
3	Corn.....	-	101,391	-	-	-	100,221
4	Oats.....	-	277,763	4,760	1,665	-	-
5	Rye.....	-	81,255	-	14,692	-	-
6	Flaxseed.....	-	157,476	-	-	-	12,789
7	Wheat.....	7,380	2,622,539	-	50,230	-	107,604
8	Other grains.....	-	29,544	-	1,000	-	19,507
9	Flour.....	-	8,736	-	3,378	-	-
10	Hay and Straw.....	-	-	-	-	-	-
11	Other mill products.....	-	7,081	-	-	-	-
12	Fruit and vegetables.....	-	-	-	-	-	-
13	Potatoes.....	-	-	-	-	-	-
14	Total.....	12,680	4,998,698	4,760	73,665	-	255,296
	Animal products:						
15	Fish.....	-	-	160	-	-	-
16	Dressed meats.....	-	-	-	-	-	-
17	Other packing-house products.....	-	-	-	-	-	-
18	All other animal products.....	-	-	-	-	-	-
19	Total.....	-	-	160	-	-	-
	Manufactures and miscellaneous:						
20	Gasoline.....	116,289	49,420	-	-	83,933	66,242
21	Petroleum and other oils.....	217,358	120,925	25,150	-	357,241	65,186
22	Agricultural implements.....	576	-	-	-	-	-
23	Cement, brick, plaster.....	16,476	-	-	-	-	55,500
24	Iron, pig and bloom.....	-	1,995	12,380	-	1,100	22,595
25	Iron and steel, other.....	18,828	35,063	8,166	-	96,416	29,361
26	Sugar.....	-	3,864	-	-	33,282	-
27	Salt.....	-	28,091	-	-	-	-
28	Beverages.....	-	-	-	-	30	-
29	Autos and parts.....	1,101	355	-	-	-	1,653
30	Paper.....	-	9,339	364,146	-	29,418	-
31	Wood pulp.....	4,041	-	25,541	13,305	37,648	-
32	Total.....	374,669	249,052	455,383	13,305	639,068	240,537
	Forest products:						
33	Pulpwood.....	226,586	153,601	117,376	2,600	-	-
34	Logs-posts-poles-piling.....	-	125	-	-	-	-
35	Firewood.....	-	-	-	-	-	-
36	Lumber-mill-cooperage stock.....	-	-	-	-	-	-
37	Other forest products.....	-	-	-	-	-	-
38	Total.....	226,586	153,726	117,376	2,600	-	-
	Mine products:						
39	Hard coal.....	-	-	-	-	9,690	-
40	Soft coal.....	13,413	3,563	-	3,012	-	8,519
41	Coke.....	1,075	787	-	-	-	1,462
42	Copper ore.....	-	-	-	-	1,600	-
43	Iron ore.....	33,078	162,158	45,052	-	2,200	-
44	Other ore.....	43,936	86,874	7,110	-	-	-
45	Sand, gravel and stone.....	87,909	38,890	11,150	-	-	-
46	Total.....	179,411	292,272	63,312	3,012	13,490	9,981
47	All other freight.....	245,923	67,612	36,160	14,098	191,824	229,371
48	Grand total.....	1,039,269	5,761,360	677,151	106,680	844,382	735,185

Tons (2,000 lbs.) of cargo. Number of pleasure craft lockages in 1953 through the locks = 55.

TABLE 13. Through and Way Traffic on the Welland Ship Canal during 1953

U.S. to Canada		Total		Grand total		Compared with 1952		No
Up	Down	Up	Down	1953	1952	Increase	Decrease	
—	1,758	2,665	2,111	4,776	5,353	—	577	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
—	2,688	5,300	1,733,476	1,738,776	1,607,250	131,526	—	2
—	135,674	—	337,286	337,286	204,159	133,127	—	3
—	—	4,760	279,428	284,188	187,946	96,242	—	4
—	—	—	95,947	95,947	78,398	17,549	—	5
—	—	—	170,265	170,265	170,648	—	383	6
—	7,676	7,380	2,788,049	2,795,429	2,598,423	197,006	—	7
—	114,511	—	164,562	164,562	108,332	56,230	—	8
—	1,550	—	13,664	13,664	5,337	8,327	—	9
—	—	—	—	—	—	—	—	10
—	—	—	7,081	7,081	—	7,081	—	11
—	—	—	—	—	—	—	—	12
—	—	—	—	—	—	—	—	13
—	262,099	17,440	5,589,758	5,607,198	4,960,493	646,705	—	14
—	—	160	—	160	624	—	464	15
—	—	—	—	—	—	—	—	16
1,600	—	1,600	—	1,600	—	1,600	—	17
—	—	—	—	—	—	—	—	18
1,600	—	1,760	—	1,760	624	1,136	—	19
—	143,300	200,222	258,962	459,184	896,523	—	439,339	20
14,253	1,079,508	614,002	1,265,619	1,879,621	2,002,955	—	123,334	21
1,680	—	2,256	—	2,256	620	1,636	—	22
—	—	16,476	55,500	71,976	87,544	—	15,568	23
—	3,577	13,480	28,167	41,647	54,799	—	13,152	24
—	8,422	123,410	72,846	196,256	91,303	104,953	—	25
—	—	33,282	3,864	37,146	31,590	5,556	—	26
—	49,561	—	77,652	77,652	88,606	—	10,954	27
—	—	30	—	30	42	—	12	28
—	—	1,101	2,008	3,109	2,027	1,082	—	29
—	—	413,564	9,339	422,903	342,772	80,131	—	30
—	—	67,230	13,305	80,535	52,775	27,760	—	31
15,933	1,284,368	1,485,053	1,787,262	3,272,315	3,653,556	—	381,241	32
—	—	343,962	156,201	500,163	579,376	—	79,213	33
—	—	—	125	125	—	125	—	34
—	—	—	—	—	—	—	—	35
—	—	—	—	—	600	—	600	36
—	—	—	—	—	150	—	150	37
—	—	343,962	156,326	500,288	580,126	—	79,838	38
—	—	9,690	—	9,690	20,915	—	11,225	39
—	5,927,248	13,413	5,942,342	5,955,755	5,343,057	612,698	—	40
—	4,868	1,075	7,117	8,192	15,270	—	7,078	41
—	—	1,600	—	1,600	—	1,600	—	42
—	2,746,142	80,330	2,908,300	2,988,630	2,339,413	649,217	—	43
—	4,500	51,046	91,374	142,420	41,866	100,554	—	44
—	52,609	99,059	91,499	190,558	293,669	—	103,111	45
—	8,735,367	256,213	9,040,632	9,296,845	8,054,190	1,242,655	—	46
4,127	74,629	478,034	385,710	863,744	661,767	201,977	—	47
21,660	10,356,463	2,582,462	16,959,688	19,542,150	17,910,756	1,631,394	—	48

TABLE 14. Through Traffic on the Welland Ship Canal during 1953

No.		Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	25	—	536	—	346	353
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley	2,535	1,655,110	—	2,700	—	15,175
3	Corn	—	101,391	—	—	—	100,221
4	Oats	—	256,324	—	1,665	—	—
5	Rye	—	79,211	—	14,692	—	—
6	Flaxseed	—	157,476	—	—	—	12,789
7	Wheat	—	2,358,856	—	50,230	—	107,604
8	Other grains	—	29,544	—	1,000	—	19,507
9	Flour	—	4,348	—	3,378	—	—
10	Hay and Straw	—	—	—	—	—	—
11	Other mill products	—	7,081	—	—	—	—
12	Fruit and vegetables	—	—	—	—	—	—
13	Potatoes	—	—	—	—	—	—
14	Total	2,535	4,649,341	—	73,665	—	255,296
	Animal products:						
15	Fish	—	—	160	—	—	—
16	Dressed meats	—	—	—	—	—	—
17	Other packing-house products.....	—	—	—	—	—	—
18	All other animal products.....	—	—	—	—	—	—
19	Total	—	—	160	—	—	—
	Manufactures and miscellaneous:						
20	Gasoline	94,809	39,423	—	—	83,933	66,242
21	Petroleum and other oils	165,852	92,100	25,150	—	357,241	65,186
22	Agricultural implements	576	—	—	—	—	—
23	Cement, brick, plaster	14,956	—	—	—	—	55,500
24	Iron, pig and bloom	—	—	12,380	—	1,100	22,595
25	Iron and steel, other	4,383	7,907	8,166	—	96,416	29,361
26	Sugar	—	3,864	—	—	33,282	—
27	Salt	—	28,091	—	—	—	—
28	Beverages	—	—	—	—	30	—
29	Autos and parts	1,101	355	—	—	—	1,653
30	Paper	—	9,339	222,874	—	29,418	—
31	Wood pulp	1,891	—	25,541	13,305	37,648	—
32	Total	283,568	181,079	294,111	13,305	639,068	240,537
	Forest products:						
33	Pulpwood	—	—	117,376	2,600	—	—
34	Logs-posts-poles-piling	—	125	—	—	—	—
35	Firewood	—	—	—	—	—	—
36	Lumber-mill-cooperage stock	—	—	—	—	—	—
37	Other forest products	—	—	—	—	—	—
38	Total	—	125	117,376	2,600	—	—
	Mine products:						
39	Hard coal	—	—	—	—	9,690	—
40	Soft coal	—	—	—	—	—	8,519
41	Coke	—	—	—	—	—	1,462
42	Copper ore	—	—	—	—	1,600	—
43	Iron ore	21,234	162,158	45,052	—	2,200	—
44	Other ore	30,201	82,174	3,660	—	—	—
45	Sand, gravel and stone	4,228	20,455	11,150	—	—	—
46	Total	55,663	264,787	59,862	—	13,490	9,981
47	All other freight	215,598	56,485	35,008	13,204	191,824	229,371
48	Grand total	557,364	5,151,817	506,517	102,774	844,382	735,185

Tons (2,000 lbs.) of cargo.

TABLE 14. Through Traffic on the Welland Ship Canal during 1953

U.S. to Canada		Total		Grand Total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
-	-	907	353	1,260	647	613	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	2,688	2,535	1,675,673	1,678,208	1,538,563	139,645	-	2
-	135,674	-	337,286	337,286	204,159	133,127	-	3
-	-	-	257,989	257,989	175,825	82,164	-	4
-	-	-	93,903	93,903	78,398	15,505	-	5
-	-	-	170,265	170,265	170,648	-	383	6
-	7,676	-	2,524,366	2,524,366	2,310,301	214,065	-	7
-	114,511	-	164,562	164,562	108,332	56,230	-	8
-	-	-	7,726	7,726	1,976	5,750	-	9
-	-	-	-	-	-	-	-	10
-	-	-	7,081	7,081	-	7,081	-	11
-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	13
-	260,549	2,535	5,238,851	5,241,386	4,588,202	653,184	-	14
-	-	160	-	160	624	-	464	15
-	-	-	-	-	-	-	-	16
1,600	-	1,600	-	1,600	-	1,600	-	17
-	-	-	-	-	-	-	-	18
1,600	-	1,760	-	1,760	624	1,136	-	19
-	141,300	178,742	246,965	425,707	825,995	-	400,288	20
14,253	1,068,208	562,496	1,225,494	1,787,990	1,875,269	-	87,280	21
1,680	-	2,256	-	2,256	620	1,636	-	22
-	-	14,956	55,500	70,456	87,544	-	17,088	23
-	3,577	13,480	26,172	39,652	47,949	-	8,297	24
-	8,422	108,965	45,690	154,655	64,633	90,022	-	25
-	-	33,282	3,864	37,146	31,590	5,556	-	26
-	49,561	-	77,652	77,652	88,606	-	10,954	27
-	-	30	-	30	-	30	-	28
-	-	1,101	2,008	3,109	2,027	1,082	-	29
-	-	252,292	9,339	261,631	179,400	82,231	-	30
-	-	65,080	13,305	78,385	48,488	29,897	-	31
15,933	1,271,068	1,232,680	1,705,989	2,938,669	3,252,121	-	313,453	32
-	-	117,376	2,600	119,976	175,510	-	55,534	33
-	-	-	125	125	-	125	-	34
-	-	-	-	-	-	-	-	35
-	-	-	-	-	-	-	-	36
-	-	-	-	-	150	-	150	37
-	-	117,376	2,725	120,101	175,660	-	55,559	38
-	-	9,690	-	9,690	20,915	-	11,225	39
-	5,542,558	-	5,551,077	5,551,077	4,936,619	614,458	-	40
-	4,868	-	6,330	6,330	6,796	-	466	41
-	-	1,600	-	1,600	-	1,600	-	42
-	2,746,142	68,486	2,908,300	2,976,786	2,337,413	639,373	-	43
-	-	33,861	82,174	116,035	26,676	89,359	-	44
-	52,609	15,378	73,064	88,442	94,363	-	5,921	45
-	8,346,177	129,015	8,620,945	8,749,960	7,422,782	1,327,178	-	46
3,840	52,624	446,270	351,684	797,954	585,141	212,813	-	47
21,373	9,930,418	1,929,636	15,920,194	17,849,830	16,024,530	1,825,300	-	48

Tons (2,000 lbs.) of cargo.

TABLE 15. Way Traffic on the Welland Ship Canal during 1953

	Canada to Canada		Canada to U. S.		U. S. to U. S.	
	Up	Down	Up	Down	Up	Down
Passengers No.	-	-	1,758	-	-	-
Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
Barley	2,765	57,803	-	-	-	-
Oats	-	21,439	4,760	-	-	-
Rye	-	2,044	-	-	-	-
Wheat	7,380	263,683	-	-	-	-
Flour	-	4,388	-	-	-	-
Total	10,145	348,357	4,760	-	-	-
Manufactures and miscellaneous:						
Gasoline	21,480	9,997	-	-	-	-
Petroleum and other oils	51,506	28,825	-	-	-	-
Cement, brick, plaster	1,520	-	-	-	-	-
Iron, pig and bloom	-	1,995	-	-	-	-
Iron and steel, other	14,445	27,156	-	-	-	-
Beverages	-	-	-	-	-	-
Paper	-	-	161,272	-	-	-
Wood pulp	2,150	-	-	-	-	-
Total	91,101	67,973	161,272	-	-	-
Forest products:						
Pulpwood	226,586	153,601	-	-	-	-
Lumber-mill-cooperage stock	-	-	-	-	-	-
Total	226,586	153,601	-	-	-	-
Mine products:						
Soft coal	13,413	3,563	-	3,012	-	-
Coke	1,075	787	-	-	-	-
Iron ore	11,844	-	-	-	-	-
Other ore	13,735	4,700	3,450	-	-	-
Sand, gravel and stone	83,681	18,435	-	-	-	-
Total	123,748	27,485	3,450	3,012	-	-
All other freight	30,325	11,127	-	-	894	-
Grand total	481,905	609,543	170,634	3,906	-	-

	U. S. to Canada		Total		Grand total		Compared with 1952	
	Up	Down	Up	Down	1953	1952	Increase	Decrease
Passengers No.	-	1,758	1,758	1,758	3,516	4,706	-	1,190
Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Barley	-	-	2,765	57,803	60,568	68,687	-	8,119
Oats	-	-	4,760	21,439	26,199	12,121	14,078	-
Rye	-	-	-	2,044	2,044	-	2,044	-
Wheat	-	-	7,380	263,683	271,063	288,122	-	17,059
Flour	-	1,550	-	5,938	5,938	3,361	2,577	-
Total	-	1,550	14,905	350,907	365,812	372,291	-	6,479
Manufactures and miscellaneous:								
Gasoline	-	2,000	21,480	11,997	33,477	72,528	-	39,051
Petroleum and other oils	-	11,300	51,506	40,125	91,631	127,686	-	36,055
Cement, brick, plaster	-	-	1,520	-	1,520	-	1,520	-
Iron, pig and bloom	-	-	-	1,995	1,995	6,850	-	4,855
Iron and steel, other	-	-	14,445	27,156	41,601	26,670	14,931	-
Beverages	-	-	-	-	-	42	-	42
Paper	-	-	161,272	-	161,272	163,372	-	2,100
Wood pulp	-	-	2,150	-	2,150	4,287	-	2,137
Total	-	13,300	232,373	81,273	333,646	401,435	-	67,789
Forest products:								
Pulpwood	-	-	226,586	153,601	380,187	403,866	-	23,679
Lumber-mill-cooperage stock	-	-	-	-	-	600	-	600
Total	-	-	226,586	153,601	380,187	404,466	-	24,279
Mine products:								
Soft coal	-	384,690	13,413	391,265	404,678	406,438	-	1,760
Coke	-	-	1,075	787	1,862	8,474	-	6,612
Iron ore	-	-	11,844	-	11,844	2,000	9,844	-
Other ore	-	4,500	17,185	9,200	26,385	15,190	11,195	-
Sand, gravel and stone	-	-	83,681	18,435	102,116	199,306	-	97,190
Total	-	389,190	127,198	419,687	546,885	631,408	-	84,523
All other freight	287	22,005	31,764	34,026	65,790	76,626	-	10,836
Grand total	287	426,045	652,826	1,039,494	1,692,320	1,886,226	-	193,906

Tons (2,000 lbs. of cargo).

TABLE 16. Welland Ship Canal Traffic

Between	Down-bound			Up-bound		
	No. of vessels	Registered net tons	Tons of freight	No. of vessels	Registered net tons	Tons of freight
Season of Navigation, 1953						
Lake Superior and						
Hamilton	140	1,140,522	2,547,736	180	1,280,126	62,703
Toronto	99	253,822	479,033	137	311,322	83,437
Kingston	76	414,689	864,889	53	259,093	2,015
Prescott, Ogdensburg & Brockville.....	66	279,483	607,139	29	157,663	426
Oswego and South	44	114,433	239,353	20	52,059	1
Other Lake Ontario Ports	37	286,200	483,480	41	267,581	25,456
Montreal and below	259	336,645	591,562	412	490,413	151,271
Other Ports below Prescott	2	2,326	2,940	12	19,927	537
Welland Ship Canal	83	202,346	362,649	54	144,602	13,440
Total	806	3,030,466	6,178,781	938	2,982,786	339,286
Lake Michigan and						
Hamilton	27	135,945	339,280	10	48,000	50
Toronto	29	46,410	90,178	2	1,500	56
Kingston	—	—	—	3	9,138	—
Prescott, Ogdensburg & Brockville.....	3	5,800	12,194	2	3,837	—
Oswego and South	21	38,853	74,723	31	25,176	37,706
Other Lake Ontario Ports	3	3,283	6,950	1	651	—
Montreal and below	117	97,674	143,527	279	272,740	315,879
Other Ports below Prescott	15	20,780	47,909	8	10,348	—
Welland Ship Canal	12	35,346	42,456	42	101,237	127,822
Total	227	384,091	757,217	378	472,627	481,513
Lake Huron and						
Hamilton	15	36,290	79,077	8	18,429	9,093
Toronto	3	6,018	8,318	4	6,287	—
Kingston	1	12	—	2	1,158	—
Prescott, Ogdensburg & Brockville.....	—	—	—	—	—	—
Oswego and South	9	25,473	62,100	12	27,962	—
Other Lake Ontario Ports	4	3,747	7,225	1	883	—
Montreal and below	8	10,032	16,649	2	2,238	3,711
Other Ports below Prescott	3	3,260	8,200	—	—	—
Welland Ship Canal	25	33,630	73,006	12	15,070	—
Total	68	118,462	254,575	41	72,027	12,804
Sarnia to Port Colborne and						
Hamilton	413	1,358,538	3,060,516	446	1,412,931	24,129
Toronto	563	1,379,917	2,315,465	529	1,430,296	61,762
Kingston	18	11,677	15,877	66	185,499	—
Prescott, Ogdensburg & Brockville.....	42	33,509	69,744	57	103,574	3,858
Oswego and South	480	316,672	201,555	514	403,701	520,700
Other Lake Ontario Ports	200	228,581	457,574	234	260,036	60,277
Montreal and below	1,231	1,450,805	2,980,265	792	881,453	561,061
Other Ports below Prescott	23	23,205	53,487	36	45,878	16,900
Welland Ship Canal	294	364,645	470,339	429	545,802	49,701
Total	3,264	5,167,549	9,624,822	3,103	5,269,170	1,298,388
Welland ship Canal and						
Hamilton	7	5,840	400	17	11,523	19,254
Toronto	39	49,591	6,021	41	54,533	49,961
Kingston	2	2,145	—	4	4,294	15
Prescott, Ogdensburg & Brockville.....	—	—	—	6	15,146	1,914
Oswego and South	11	8,965	3,350	1	1,204	—
Other Lake Ontario Ports	85	47,505	4,712	98	43,489	71,984
Montreal and below	75	82,595	129,810	159	192,369	307,343
Other Ports below Prescott	—	—	—	2	3,387	—
Total	219	196,641	144,293	328	325,945	450,471
Grand total	4,584	8,897,209	16,959,688	4,788	9,122,535	2,582,462

(1 ton = 2,000 lbs.)

TABLE 17. Grain Down-bound Through the Welland Ship Canal, 1953

	Wheat	Barley	Oats	Rye	Corn	Flaxseed	Total
Bushels							
Canadian Grain:							
From United States Ports to Canadian Ports:							
In Canadian vessels.....	171,000	—	—	—	103,607	—	274,607
From Canadian Ports to United States Ports:							
In Canadian vessels.....	—	112,500	—	—	—	—	112,500
In United States vessels.....	1,674,333	—	97,941	524,714	—	—	2,296,988
From Canadian Ports to Canadian Ports:							
In Canadian vessels.....	87,417,968	71,371,125	16,339,000	2,901,964	3,621,107	5,624,142	167,275,304
United States Grain:							
From United States Ports to Canadian Ports:							
In Canadian vessels.....	84,866	112,000	—	—	4,741,892	—	4,938,758
From United States Ports to United States Ports:							
In Canadian vessels.....	—	—	—	—	—	—	—
In United States vessels.....	3,586,800	632,291	—	—	3,579,321	456,750	8,255,162
Total grain	92,934,965	72,227,916	16,436,941	3,426,678	12,045,927	6,080,892	203,153,319
Canadian grain in United States vessels.....	1,674,333	—	97,941	524,714	—	—	2,296,988
United States grain in Canadian vessels.....	84,866	112,000	—	—	4,741,892	—	4,938,758

Includes 1,331,906 Bushels of grains carried by other Foreign Vessels.

TABLE 18. Through and Way Traffic on the St. Lawrence Canals during 1953

No.	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	6	8	-	-	-	-
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley	6,988	1,592,967	-	4,489	-	-
3	Corn	-	109,095	-	-	-	6,087
4	Oats	-	185,476	-	-	-	-
5	Rye	-	73,117	-	-	-	-
6	Flaxseed	-	122,874	-	-	-	-
7	Wheat	-	2,071,223	-	1,490	-	960
8	Other grains	124	21,891	-	4,900	-	-
9	Flour	-	7,685	-	5,800	-	978
10	Hay and straw	-	253	-	-	-	-
11	Other mill products	-	25,942	-	7,306	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	7,112	4,210,523	-	23,985	-	8,025
	Animal products:						
15	Fish	10	-	160	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products	-	-	-	-	-	2,158
18	All other animal products	188	-	-	-	-	-
19	Total	198	-	160	-	-	2,158
	Manufactures and miscellaneous:						
20	Gasoline	49,760	16,448	-	-	-	-
21	Petroleum and other oils	933,260	193,114	-	3,260	-	16,400
22	Agricultural implements	-	-	-	-	-	-
23	Cement, brick, plaster	21,021	4,315	-	-	-	-
24	Iron, pig and bloom	20,226	-	12,380	-	2,080	-
25	Iron and steel, other	20,969	5,529	1,728	6,725	89,862	-
26	Sugar	-	-	-	-	5,105	-
27	Salt	-	28,091	-	-	-	-
28	Beverages	-	50	-	-	30	-
29	Autos and parts	157	362	-	500	-	1,853
30	Paper	-	2,816	231,537	1,047	1,402	-
31	Wood pulp	2,150	-	28,852	-	38,317	-
32	Total	1,047,543	250,725	274,497	11,532	136,796	18,253
	Forest products:						
33	Pulpwood	224,328	-	270,288	-	-	-
34	Logs-posts-poles-piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber-mill-cooperage stock	34,670	508	-	-	-	-
37	Other forest products	-	12	-	-	-	-
38	Total	258,998	520	270,288	-	-	-
	Mine products:						
39	Hard coal	19,537	-	-	-	-	-
40	Soft coal	3,243	91	-	-	-	-
41	Coke	-	961	-	5,317	-	1,462
42	Copper ore	-	-	-	-	-	-
43	Iron ore	67,872	-	44,416	-	-	-
44	Other ore	49,619	4,700	8,360	-	-	-
45	Sand, gravel and stone	3,915	251,730	11,150	-	-	-
46	Total	144,186	257,482	63,926	5,317	-	1,462
47	All other freight	501,924	275,536	28,223	71,427	167,247	163,046
48	Grand total	1,959,961	4,994,786	637,094	112,261	304,043	192,944

Tons (2,000 lbs.) of cargo. Number of pleasure craft lockages in 1953 = 717.

TABLE 18. Through and Way Traffic on the St. Lawrence Canals during 1953

U. S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
-	-	6	8	14	-	14	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	2,688	6,988	1,600,144	1,607,132	1,467,487	139,645	-	2
-	105,304	-	220,486	220,486	99,520	120,966	-	3
-	-	-	185,476	185,476	121,575	63,901	-	4
-	-	-	73,117	73,117	76,232	-	3,115	5
-	-	-	122,874	122,874	126,196	-	3,322	6
-	7,676	-	2,081,349	2,081,349	1,942,427	138,922	-	7
-	-	124	26,791	26,915	1,500	25,415	-	8
-	-	-	14,463	14,463	5,177	9,286	-	9
-	-	-	253	253	-	253	-	10
-	-	-	33,248	33,248	-	33,248	-	11
420	-	420	-	420	-	420	-	12
-	-	-	-	-	-	-	-	13
420	115,668	7,532	4,358,201	4,365,733	3,840,114	525,619	-	14
-	-	170	-	170	624	-	454	15
-	-	-	-	-	-	-	-	16
-	-	-	2,158	2,158	-	2,158	-	17
-	-	188	-	188	80	108	-	18
-	-	358	2,158	2,516	704	1,812	-	19
-	36,950	49,760	53,398	103,158	931,579	-	828,421	20
1,400	8,900	934,660	221,674	1,156,334	659,593	496,741	-	21
-	-	-	-	-	-	-	-	22
1,320	-	22,341	4,315	26,656	1,231	25,425	-	23
-	-	34,686	-	34,686	2,000	32,686	-	24
-	34	112,559	12,288	124,847	20,515	104,332	-	25
1,733	-	6,838	-	6,838	6,376	462	-	26
-	52,902	-	80,993	80,993	77,035	3,958	-	27
-	-	30	50	80	42	38	-	28
1,322	-	1,479	2,715	4,194	1,350	2,844	-	29
-	-	232,939	3,863	236,802	166,352	70,450	-	30
-	-	69,319	-	69,319	55,188	14,131	-	31
5,775	98,786	1,464,611	379,296	1,843,907	1,921,261	-	77,354	32
-	-	494,616	-	494,616	576,144	-	81,528	33
-	-	-	-	-	-	-	-	34
-	-	-	-	-	-	-	-	35
-	-	34,670	508	35,178	29,687	5,491	-	36
-	-	-	12	12	-	12	-	37
-	-	529,286	520	529,806	605,831	-	76,025	38
-	-	19,537	-	19,537	15,207	4,330	-	39
-	1,555,885	3,243	1,555,976	1,559,219	1,957,662	-	398,443	40
-	-	-	7,740	7,740	15,476	-	7,736	41
-	-	-	-	-	-	-	-	42
-	-	112,288	-	112,288	214,888	-	102,600	43
1,635	-	59,614	4,700	64,314	28,856	35,458	-	44
-	2,400	15,065	254,130	269,195	216,937	52,258	-	45
1,635	1,558,285	209,747	1,822,546	2,032,293	2,449,026	-	416,733	46
88,169	12,165	785,563	522,174	1,307,737	1,019,459	288,278	-	47
95,999	1,784,904	2,997,097	7,084,895	10,081,992	9,836,395	245,597	-	48

TABLE 19. Through Traffic on the St. Lawrence Canada during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers	No.	-	-	-	-	-
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley	-	1,584,813	-	4,489	-	-
3	Corn	-	84,306	-	-	-	6,087
4	Oats	-	185,476	-	-	-	-
5	Rye	-	73,117	-	-	-	-
6	Flaxseed	-	122,874	-	-	-	-
7	Wheat	-	2,071,223	-	1,490	-	960
8	Other grains	124	21,891	-	4,900	-	-
9	Flour	-	7,001	-	5,800	-	978
10	Hay and Straw	-	-	-	-	-	-
11	Other mill products	-	25,942	-	7,306	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	124	4,176,643	-	23,985	-	8,025
	Animal products:						
15	Fish	-	-	160	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house pds.	-	-	-	-	-	2,168
18	All other animal pds.	188	-	-	-	-	-
19	Total	188	-	160	-	-	2,158
	Manufactures and misc.:						
20	Gasoline	38,260	15,389	-	-	-	-
21	Petroleum & other oils	880,444	192,717	-	3,260	-	-
22	Agricultural implements	-	-	-	-	-	-
23	Cement, brick, plaster	21,021	-	-	-	-	-
24	Iron, pig and bloom	20,226	-	12,380	-	2,080	-
25	Iron and steel, other	20,829	5,229	1,728	6,725	89,852	-
26	Sugar	-	-	-	-	5,105	-
27	Salt	-	7,381	-	-	-	-
28	Beverages	-	50	-	-	30	-
29	Autos and parts	157	359	-	500	-	1,853
30	Paper	-	2,441	231,537	-	1,402	-
31	Wood pulp	2,150	-	28,852	-	38,317	-
32	Total	983,087	223,566	274,497	10,485	136,796	1,853
	Forest products:						
33	Pulpwood	224,328	-	184,888	-	-	-
34	Logs-posts-poles-piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber-mill-cooperage stk.	-	-	-	-	-	-
37	Other forest products	-	12	-	-	-	-
38	Total	224,328	12	184,888	-	-	-
	Mine products:						
39	Hard coal	19,537	-	-	-	-	-
40	Soft coal	2,400	-	-	-	-	-
41	Coke	-	961	-	5,317	-	1,462
42	Copper ore	-	-	-	-	-	-
43	Iron ore	67,872	-	44,416	-	-	-
44	Other ore	49,619	4,700	8,360	-	-	-
45	Sand, gravel & stone	-	-	-	-	-	-
46	Total	139,428	5,661	52,776	5,317	-	1,462
47	All other freight	471,006	225,141	22,873	71,427	167,247	163,046
48	Grand total	1,818,161	4,631,023	535,194	111,214	304,043	176,544

Tons (2,000 lbs.) of cargo.

TABLE 19. Through Traffic on the St. Lawrence Canada during 1953

U.S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	-	-	-	-	-	-	1
-	2,688	-	1,591,990	1,591,990	1,464,609	127,381	-	2
-	68,142	-	158,535	158,535	37,513	121,022	-	3
-	-	-	185,476	185,476	121,575	63,901	-	4
-	-	-	73,117	73,117	76,232	-	3,115	5
-	-	-	122,874	122,874	126,196	-	3,322	6
-	7,676	-	2,081,349	2,081,349	1,939,949	141,400	-	7
-	-	124	26,791	26,915	1,500	25,415	-	8
-	-	-	13,779	13,779	5,177	8,602	-	9
-	-	-	-	-	-	-	-	10
-	-	-	33,248	33,248	-	33,248	-	11
-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	13
-	78,506	124	4,287,159	4,287,283	3,772,751	514,532	-	14
-	-	160	-	160	624	-	464	15
-	-	-	-	-	-	-	-	16
-	-	-	2,158	2,158	-	2,158	-	17
-	-	188	-	188	-	188	-	18
-	-	348	2,158	2,506	624	1,882	-	19
-	26,800	38,260	42,189	80,449	914,796	-	834,347	20
1,400	8,900	881,844	204,877	1,086,721	620,429	466,292	-	21
-	-	-	-	-	-	-	-	22
1,320	-	22,341	-	22,341	1,100	21,241	-	23
-	-	34,686	-	34,686	2,000	32,686	-	24
-	34	112,419	11,988	124,407	18,871	105,536	-	25
1,733	-	6,838	-	6,838	6,376	462	-	26
-	46,902	-	54,283	54,283	41,191	13,092	-	27
-	-	30	50	80	42	38	-	28
1,322	-	1,479	2,712	4,191	1,350	2,841	-	29
-	-	232,939	2,441	235,380	164,356	71,024	-	30
-	-	69,319	-	69,319	55,188	14,131	-	31
5,775	82,636	1,400,155	318,540	1,718,695	1,825,699	-	107,004	32
-	-	409,216	-	409,216	478,452	-	69,236	33
-	-	-	-	-	-	-	-	34
-	-	-	-	-	-	-	-	35
-	-	-	-	-	-	-	-	36
-	-	-	12	12	-	12	-	37
-	-	409,216	12	409,228	478,452	-	69,224	38
-	-	19,537	-	19,537	15,207	4,330	-	39
-	1,241,021	2,400	1,241,021	1,243,421	1,651,226	-	407,805	40
-	-	-	7,740	7,740	15,476	-	7,736	41
-	-	-	-	-	-	-	-	42
-	-	112,288	-	112,288	214,888	-	102,600	43
1,635	-	59,614	4,700	64,314	28,856	35,458	-	44
-	2,400	-	2,400	2,400	-	2,400	-	45
1,635	1,243,421	193,839	1,255,861	1,449,700	1,925,653	-	475,953	46
89,442	12,165	730,566	471,779	1,202,347	913,626	266,521	-	47
76,852	1,416,728	2,734,250	6,335,509	9,069,759	8,917,005	152,754	-	48

TABLE 20. Way Traffic on the St. Lawrence Canals during 1953

No.	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	6	8	-	-	-	-
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Barley	6,988	8,154	-	-	-	-
3	Corn	-	24,789	-	-	-	-
4	Oats	-	-	-	-	-	-
5	Rye	-	-	-	-	-	-
6	Flaxseed	-	-	-	-	-	-
7	Wheat	-	-	-	-	-	-
8	Other grains	-	-	-	-	-	-
9	Flour	-	684	-	-	-	-
10	Hay and straw	-	253	-	-	-	-
11	Other mill products	-	-	-	-	-	-
12	Fruit and vegetables	-	-	-	-	-	-
13	Potatoes	-	-	-	-	-	-
14	Total	6,988	33,880	-	-	-	-
	Animal products:						
15	Fish	10	-	-	-	-	-
16	Dressed meats	-	-	-	-	-	-
17	Other packing-house products	-	-	-	-	-	-
18	All other animal products	-	-	-	-	-	-
19	Total	10	-	-	-	-	-
	Manufactures and miscellaneous:						
20	Gasoline	11,500	1,059	-	-	-	-
21	Petroleum and other oils	52,816	397	-	-	-	16,400
22	Agricultural implements	-	-	-	-	-	-
23	Cement, brick, plaster	-	4,315	-	-	-	-
24	Iron, pig and bloom	-	-	-	-	-	-
25	Iron and steel, other	140	300	-	-	-	-
26	Sugar	-	-	-	-	-	-
27	Salt	-	20,710	-	-	-	-
28	Beverages	-	-	-	-	-	-
29	Autos and parts	-	3	-	-	-	-
30	Paper	-	375	-	1,047	-	-
31	Wood pulp	-	-	-	-	-	-
32	Total	64,456	27,159	-	1,047	-	16,400
	Forest products:						
33	Pulpwood	-	-	85,400	-	-	-
34	Logs-posts-poles-piling	-	-	-	-	-	-
35	Firewood	-	-	-	-	-	-
36	Lumber-mill-cooperage stock	34,670	508	-	-	-	-
37	Other forest products	-	-	-	-	-	-
38	Total	34,670	508	85,400	-	-	-
	Mine products:						
39	Hard coal	-	-	-	-	-	-
40	Soft coal	843	91	-	-	-	-
41	Coke	-	-	-	-	-	-
42	Copper ore	-	-	-	-	-	-
43	Iron ore	-	-	-	-	-	-
44	Other ore	-	-	-	-	-	-
45	Sand, gravel and stone	3,915	251,730	11,150	-	-	-
46	Total	4,758	251,821	11,150	-	-	-
47	All other freight	30,918	50,395	5,350	-	-	-
48	Grand total	141,800	363,763	101,900	1,047	-	16,400

Tons (2,000 lbs.) of cargo.

TABLE 20. Way Traffic on the St. Lawrence Canals during 1953

U. S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
-	-	6	8	14	-	14	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	6,988	8,154	15,142	2,878	12,264	-	2
-	37,162	-	61,951	61,951	62,007	-	56	3
-	-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	6
-	-	-	-	-	2,478	-	2,478	7
-	-	-	-	-	-	-	-	8
-	-	-	684	684	-	684	-	9
-	-	-	253	253	-	253	-	10
-	-	-	-	-	-	-	-	11
420	-	420	-	420	-	420	-	12
-	-	-	-	-	-	-	-	13
420	37,162	7,408	71,042	78,450	67,363	11,087	-	14
-	-	10	-	10	-	10	-	15
-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	17
-	-	-	-	-	80	-	80	18
-	-	10	-	10	80	-	70	19
-	10,150	11,500	11,209	22,709	16,783	5,926	-	20
-	-	52,816	16,797	69,613	39,164	30,449	-	21
-	-	-	-	-	-	-	-	22
-	-	-	4,315	4,315	131	4,184	-	23
-	-	-	-	-	-	-	-	24
-	-	140	300	440	1,644	-	1,204	25
-	-	-	-	-	-	-	-	26
-	6,000	-	26,710	26,710	35,844	-	9,134	27
-	-	-	-	-	-	-	-	28
-	-	-	3	3	-	3	-	29
-	-	-	1,422	1,422	1,996	-	574	30
-	-	-	-	-	-	-	-	31
-	16,150	64,456	60,756	125,212	95,562	29,650	-	32
-	-	85,400	-	85,400	97,692	-	12,292	33
-	-	-	-	-	-	-	-	34
-	-	-	-	-	-	-	-	35
-	-	34,670	508	35,178	29,687	5,491	-	36
-	-	-	-	-	-	-	-	37
-	-	120,070	508	120,578	127,379	-	6,801	38
-	-	-	-	-	-	-	-	39
-	314,864	843	314,955	315,798	306,436	9,362	-	40
-	-	-	-	-	-	-	-	41
-	-	-	-	-	-	-	-	42
-	-	-	-	-	-	-	-	43
-	-	15,065	251,730	266,795	216,937	49,858	-	44
-	314,864	15,908	566,685	582,593	523,373	59,220	-	45
18,727	-	54,995	50,395	105,390	105,633	-	243	46
19,147	368,176	262,847	749,386	1,012,233	919,390	92,843	-	47
-	-	-	-	-	-	-	-	48

Tons (2,000 lbs.) of cargo.

TABLE 21. Traffic on the Richelieu River Canal during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers..... No.	3	—	4	—	—	—
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Fruit and vegetables.....	—	—	—	—	—	—
3	Total	—	—	—	—	—	—
	Manufactures and misc.:						
4	Paper.....	—	—	24,500	—	—	—
5	Total	—	—	24,500	—	—	—
6	All other freight.....	45,047 ¹	4,902	—	—	—	—
7	Grand total	45,047	4,902	24,500	—	—	—

1. Includes 44,950 tons of fertilizer.

TABLE 22. Traffic on the Ottawa River Canals during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers..... No.	6	—	—	—	—	—
	Manufactures and misc.:	Tons	Tons	Tons	Tons	Tons	Tons
2	Paper.....	—	—	—	1,047	—	—
3	Total	—	—	—	1,047	—	—
	Mine products:						
4	Soft coal.....	735	50	—	—	—	—
5	Sand, gravel & stone.....	—	241,200	—	—	—	—
6	Total	735	241,250	—	—	—	—
7	Grand total	735	241,250	—	1,047	—	—

Tons (2,000 lbs.) of cargo. Number of pleasure craft lockages in 1953 = 5,601.

TABLE 23. Traffic on the Murray Canal during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers..... No.	—	9	—	—	—	—
	Manufactures and misc.:	Tons	Tons	Tons	Tons	Tons	Tons
2	Petroleum & other oils.....	500	—	—	—	—	—
3	Wood pulp.....	—	—	—	—	—	—
4	Total	500	—	—	—	—	—
5	All other freight.....	72	104	—	—	—	—
6	Grand total	572	104	—	—	—	—

Number of pleasure craft lockages in 1953 = 1,342.

TABLE 21. Traffic on the Richelieu River Canal during 1953

U.S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
-	4	7	4	11	-	11	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	420	-	420	420	-	420	-	2
-	420	-	420	420	-	420	-	3
-	-	24,500	-	24,500	27,161	-	2,661	4
-	-	24,500	-	24,500	27,161	-	2,661	5
-	19,510 ²	45,047	24,412	69,459	61,812	7,647	-	6
-	19,930	69,547	24,832	94,379	88,973	5,406	-	7

2. Includes 4,900 tons of fertilizer.

TABLE 22. Traffic on the Ottawa River Canals during 1953

U.S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
-	-	6	-	6	-	6	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	-	1,047	1,047	1,921	-	874	2
-	-	-	1,047	1,047	1,921	-	874	3
-	-	735	50	785	430	355	-	4
-	-	-	241,200	241,200	198,800	42,400	-	5
-	-	735	241,250	241,985	199,230	42,755	-	6
-	-	735	242,297	243,032	201,151	41,881	-	7

TABLE 23. Traffic on the Murray Canal during 1953

U.S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
-	-	-	9	9	18	-	9	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	500	-	500	-	500	-	2
-	-	-	-	-	307	-	307	3
-	-	500	-	500	307	193	-	4
-	-	72	104	176	73	103	-	5
-	-	572	104	676	380	296	-	6

TABLE 24. Traffic on the St. Peter's Canal during 1953

No.	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	17	37	-	-	-	-
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Oats	1	-	-	-	-	-
3	Hay and Straw	-	-	-	-	-	-
4	Fruit and vegetables	176	-	-	-	-	-
5	Potatoes	1,431	14	-	-	-	-
6	Total	1,608	14	-	-	-	-
	Animal products:						
7	Fish	-	272	-	153	-	-
8	Other packing-house products	-	-	-	-	-	-
9	All other animal products	-	-	-	-	-	-
10	Total	-	272	-	153	-	-
	Manufactures and miscellaneous:						
11	Cement, brick, plaster	-	-	-	-	-	-
12	Iron and steel, other	-	-	-	-	-	-
13	Salt	-	-	-	-	-	-
14	Total	-	-	-	-	-	-
	Forest products:						
15	Firewood	-	-	-	-	-	-
16	Lumber-mill-cooperage stock	-	20	-	-	-	-
17	Total	-	20	-	-	-	-
	Mine products:						
18	Soft coal	-	780	-	-	-	-
19	Coke	-	100	-	-	-	-
20	Sand, gravel and stone	-	75	-	-	-	-
21	Total	-	955	-	-	-	-
22	All other freight	444	375	-	-	-	-
23	Grand total	2,052	1,636	-	153	-	-

Tons (2,000 lbs.) of cargo. Number of pleasure craft lockages in 1953 = 14.

TABLE 25. Traffic on the St. Andrew's Canal during 1953

No.	Commodity	Canada to Canada		Canada to U. S.		U. S. to U. S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	165	140	-	-	-	-
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
2	Oats	-	3	-	-	-	-
3	Flour	-	22	-	-	-	-
4	Hay and Straw	-	23	-	-	-	-
5	Other mill products	-	12	-	-	-	-
6	Fruit and vegetables	3	31	-	-	-	-
7	Potatoes	-	3	-	-	-	-
8	Total	3	94	-	-	-	-
	Animal products:						
9	Fish	1,884	-	-	-	-	-
10	Dressed meats	-	10	-	-	-	-
11	All other animal products	-	15	-	-	-	-
12	Total	1,884	25	-	-	-	-
	Manufactures and miscellaneous:						
13	Gasoline	2	868	-	-	-	-
14	Petroleum and other oils	-	37	-	-	-	-
15	Agricultural implements	-	2	-	-	-	-
16	Cement, brick, plaster	-	127	-	-	-	-
17	Iron and steel, other	72	130	-	-	-	-
18	Salt	-	1	-	-	-	-
19	Beverages	-	178	-	-	-	-
20	Autos and parts	61	51	-	-	-	-
21	Total	135	1,394	-	-	-	-
	Forest products:						
22	Firewood	650	1	-	-	-	-
23	Lumber-mill-cooperage stock	10,250	6	-	-	-	-
24	Total	10,900	7	-	-	-	-
	Mine products:						
25	Soft coal	-	-	-	-	-	-
26	Other ore	3	-	-	-	-	-
27	Total	3	-	-	-	-	-
28	All other freight	202	1,168	-	-	-	-
29	Grand total	13,127	2,688	-	-	-	-

(Tons 2,000 lbs.) of cargo. Number of pleasure craft lockages in 1953 = 258.

TABLE 24. Traffic on the St. Peter's Canal during 1953

U. S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
		17	37	54	30	24	-	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
-	-	1	-	1	-	1	-	2
-	-	-	-	-	6	-	6	3
-	-	176	-	176	80	96	-	4
-	-	1,431	14	1,445	772	673	-	5
-	-	1,608	14	1,622	858	764	-	6
-	-	-	425	425	491	-	66	7
-	-	-	-	-	1	-	1	8
-	-	-	-	-	4	-	4	9
-	-	-	425	425	496	-	71	10
-	-	-	-	-	180	-	180	11
-	-	-	-	-	50	-	50	12
-	-	-	-	-	335	-	335	13
-	-	-	-	-	565	-	565	14
-	-	-	-	-	6	-	6	15
-	-	-	20	20	70	-	50	16
-	-	-	20	20	76	-	56	17
-	-	-	780	780	1,587	-	807	18
-	-	-	100	100	-	100	-	19
-	-	-	75	75	65	10	-	20
-	-	-	935	935	1,532	-	697	21
-	-	444	375	819	155	664	-	22
-	-	2,052	1,789	3,841	3,802	39	-	23

TABLE 25. Traffic on the St. Andrew's Canal during 1953

U. S. to Canada		Total		Grand total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
		165	140	305 ¹	431	-	126	1
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
-	-	-	3	3	2	1	-	2
-	-	-	22	22	36	-	14	3
-	-	-	23	23	178	-	155	4
-	-	-	12	12	-	12	-	5
-	-	3	31	34	73	-	39	6
-	-	-	3	3	-	3	-	7
-	-	3	94	97	289	-	192	8
-	-	1,884	-	1,884	3,194	-	1,310	9
-	-	-	10	10	50	-	40	10
-	-	-	15	15	13	2	-	11
-	-	1,884	25	1,909	3,257	-	1,348	12
-	-	2	868	870	1,008	-	138	13
-	-	-	37	37	119	-	82	14
-	-	-	2	2	-	2	-	15
-	-	-	127	127	352	-	225	16
-	-	72	130	202	350	-	148	17
-	-	-	1	1	-	1	-	18
-	-	-	178	178	192	-	14	19
-	-	61	51	112	120	-	8	20
-	-	135	1,394	1,529	2,141	-	612	21
-	-	650	1	651	420	231	-	22
-	-	10,250	6	10,256	7,643	2,613	-	23
-	-	10,900	7	10,907	8,063	2,844	-	24
-	-	-	-	-	289	-	289	25
-	-	3	-	3	-	3	-	26
-	-	3	-	3	289	-	286	27
-	-	202	1,168	1,370	2,164	-	794	28
-	-	13,127	2,688	15,815	16,203	-	388	29

1. Exclusive of 819 passengers carried in pleasure craft.

WATER TRANSPORT

TABLE 26. Traffic on the Rideau Canal during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers No.	601	940	-	-	-	-
	Manufactures and misc.:	Tons	Tons	Tons	Tons	Tons	Tons
2	Gasoline	2	-	-	-	-	-
3	Petroleum and other oils	2	-	-	-	-	-
4	Cement, brick, plaster	23	-	-	-	-	-
5	Iron, pig and bloom	1	-	-	-	-	-
6	Iron and steel, other	13	-	-	-	-	-
7	Total	41	-	-	-	-	-
	Forest products:						
8	Lumber-mill-cooperage stk.	339	-	-	-	-	-
9	Total	339	-	-	-	-	-
	Mine products:						
10	Soft coal	45	50	-	-	-	-
11	Sand, gravel and stone	330	579	-	-	-	-
12	Total	375	629	-	-	-	-
13	All other freight	94	53	-	-	-	-
14	Grand total	849	682	-	-	-	-

Number of pleasure craft lockages in 1953 = 25,548.
Lake Ontario towards Ottawa River is classed as Down.

TABLE 27. Traffic on the Trent Canal during 1953

No.	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
	Agricultural products:	Tons	Tons	Tons	Tons	Tons	Tons
1	Oats	-	3	-	-	-	-
2	Hay and Straw	-	8	-	-	-	-
3	Fruit and vegetables	-	-	-	-	-	-
4	Total	-	11	-	-	-	-
	Manufactures and misc.:						
5	Gasoline	19	29	-	-	-	-
6	Petroleum and other oils	12	11	-	-	-	-
7	Total	31	40	-	-	-	-
	Forest products:						
8	Other forest products	-	-	-	-	-	-
9	Total	-	-	-	-	-	-
10	All other freight	100	57	-	-	-	-
11	Grand total	131	108	-	-	-	-

Number of pleasure craft lockages in 1953 = 20,330.
Lake Huron towards Lake Ontario is classed as Down.

TABLE 26. Traffic on the Rideau Canal during 1953

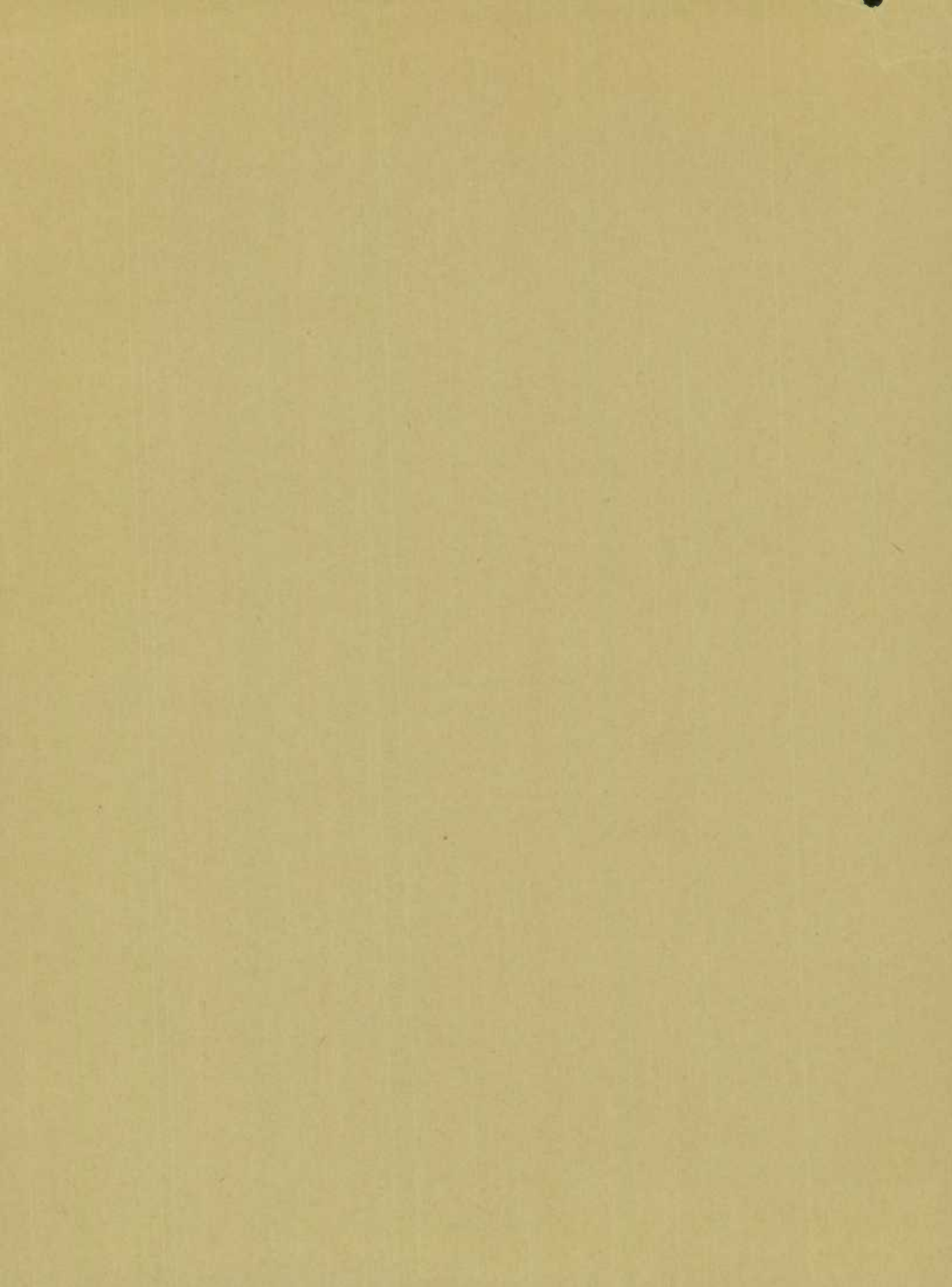
U.S. to Canada		Total		Grand Total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	601	940	1,541 ¹	851	690	-	1
-	-	2	-	2	1	1	-	2
-	-	2	-	2	2	-	-	3
-	-	23	-	23	15	8	-	4
-	-	1	-	1	-	1	-	5
-	-	13	-	13	4	9	-	6
-	-	41	-	41	22	19	-	7
-	-	339	-	339	215	124	-	8
-	-	339	-	339	215	124	-	9
-	-	45	50	95	105	-	10	10
-	-	330	579	909	461	448	-	11
-	-	375	629	1,004	566	438	-	12
-	-	94	53	147	116	29	-	13
-	-	849	682	1,531	921	610	-	14

1. Exclusive of 28,589 passengers on sight seeing pleasure boat cruises.
Exclusive of 70,086 passengers carried in pleasure craft.

TABLE 27. Traffic on the Trent Canal during 1953

U.S. to Canada		Total		Grand Total		Compared with 1952		No.
Up	Down	Up	Down	1953	1952	Increase	Decrease	
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
-	-	-	3	3	2	1	-	1
-	-	-	8	8	9	-	-	2
-	-	-	-	-	1	-	-	3
-	-	-	11	11	12	-	-	4
-	-	19	29	48	45	3	-	5
-	-	12	11	23	34	-	11	6
-	-	31	40	71	79	-	8	7
-	-	-	-	-	5	-	5	8
-	-	-	-	-	5	-	5	9
-	-	100	57	157	39	118	-	10
-	-	131	108	239	135	104	-	11

75,079 passengers carried in small boats.
One passenger through one lock recorded as "1".



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010702861