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CANAL STATISTICS

FOR THE YEAR ENDED

DECEMBER 31

1943

Prepared in collaboration with the Department of Transport



**OTTAWA
1944**

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CANAL STATISTICS, 1945.

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION & PUBLIC UTILITIES BRANCH
OTTAWA

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CANAL STATISTICS

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The traffic statistics of the Canadian canals are collected through the local agents of the Department of Transport and compiled by the Transportation and Public Utilities Branch 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. The new United States lock (McArthur) which was officially opened to navigation on July 11, 1943, displaced the Weitzel lock built in 1881. 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 using 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 use the Welland Ship canal while a smaller percentage passes through the locks at Sault Ste. Marie. Practically all the Ottawa River canal 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 duplications.

The 1936 report and subsequent reports contained a table eliminating these duplications for the St. Lawrence Great Lakes traffic except freight which was unloaded and reloaded was not considered a duplication. In this report table 1 shows the freight using each canal which has not been reported previously by another Canadian canal. This net freight tonnage for all Canadian canals for 1943 was 18,592,988 tons compared with the total of 21,476,194 tons with no deductions for duplications. Similar deductions are made for the United States locks at Sault Ste. Marie in table 2 for St. Lawrence Great Lakes traffic.

There is considerable grain transhipped at Georgian Bay and Lake Erie ports which has not been deducted as duplications when passing down the Welland Ship Canal.

Vessels of Canadian and British registry are shown under "Canadian" in the tables and all other vessels have been shown under "United States" in reports previous to 1940. 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 in 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 a small percentage of the total

The text of the reports for some years has included a summary of cargoes to and from points beyond the St. Lawrence River including overseas ports and Canadian and United States Atlantic ports. A considerable quantity of freight from overseas is unloaded at Montreal and reloaded in canal size vessels at Montreal and reported out of that port. Such freight is recorded as from a Canadian port.

During the season of navigation of 1943 there were no vessels from the United Kingdom or European ports up the St. Lawrence canals but 26 cargoes from Newfoundland, 37,796 tons of newsprint and 10,616 tons of wood pulp, came up for United States ports on the Great Lakes, and 4 other cargoes of pulpwood and tar arrived from Canadian and United States Atlantic ports. All these cargoes were carried by Canadian and United States vessels.

Cargoes to points beyond the St. Lawrence River included only 5 cargoes of 12,099 tons of coal to Newfoundland and 2 cargoes of 3,400 tons of oil to Halifax, also in Canadian and United States vessels.

Table 2 shows the net tonnage using the St. Lawrence, Welland Ship and Sault Ste. Marie canals, and table 3 analyses the traffic using the Welland Ship Canal.

As shown in table 4 Canadian vessels carry by far the major portion of Canadian and United States grain down the Welland Ship Canal.

The number of vessels and net registered tonnages using each canal are shown in table 11 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 between points 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 5, 6 and 7 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. These trimming costs were around \$1.00 per 1,000 bushels at loading points and \$7.25 per 1,000 bushels at Buffalo. Where rates were quoted in United States currency they were converted to Canadian currency at the rate of \$1.00 U. S. equal to \$1.10 Canadian currency.

Table 1 Canadian Canal Traffic, 1943
 / (Duplications excluded)

	Up	Down	Total
	Tons	Tons	Tons
Sault Ste. Marie	1,084,116	3,299,480	4,383,596
Welland Ship	360,120	8,967,975	9,328,095
St. Lawrence	978,990	3,311,411	4,290,401
Richelieu River	21,222	31,997	53,219
St. Peters	19,767	268,376	288,143
Murray	2,262	2,083	4,345
Ottawa River	935	194,961	195,896
Rideau	569	982	1,551
Trent	439	34,126	34,565
St. Andrews	9,171	4,006	13,177
Total	2,477,591	16,115,397	18,592,988

/ Traffic using more than one canal is credited to only the first canal used.

Table 2 St. Lawrence Great Lakes Traffic

	Up	Down	Total
	Tons	Tons	Tons
St. Lawrence only	530,109	3,506,353	4,036,462
St. Lawrence and Welland Ship	385,720	1,519,808	1,905,528
St. Lawrence, Welland Ship & Sault Ste. Marie 1/	70,213	135,821	206,034
Welland Ship only	222,511	6,163,164	6,385,675
Welland Ship and Sault Ste. Marie 1/	152,682	1,486,077	1,618,759
Sault Ste. Marie only	1,084,116	2,962,585	4,046,701
Net total traffic using above Canadian canals	2,425,351	15,773,808	18,199,159
<u>United States Canals at Sault Ste. Marie</u>			
Sault Ste. Marie only	16,873,791	93,138,609	110,012,400
Grand Total	19,299,142	108,912,417	128,211,559

1/ Through both Canadian and United States locks at Sault Ste. Marie.

Table 3 - Welland Ship Canal Traffic
Season of Navigation, 1943

Between	Down-Bound			Up-Bound		
	No. of vessels	Registered net tons	Tons of freight	No. of vessels	Registered net tons	Tons of freight
Lake Superior and						
Hamilton	60	322,786	807,081	61	190,634	53,848
Toronto	85	136,539	242,980	64	102,252	63,742
Kingston	12	62,661	139,320	3	15,134	65
Prescott and Ogdensburg and Brockville	10	30,048	69,069	3	14,350	2,295
Oswego and South	12	28,988	55,596	3	7,904	-
Other Lake Ontario ports	-	-	113	4	5,300	4,554
Montreal and below	95	117,360	135,806	130	167,493	68,793
Other ports below Prescott	-	-	15	1	1,430	1,420
Welland Canal	28	81,501	171,918	2	5,016	8,178
Total	302	779,883	1,621,898	271	509,513	202,895
Lake Michigan and						
Hamilton	32	183,108	438,020	3	13,444	-
Toronto	16	30,588	65,456	8	15,436	-
Kingston	1	1,005	-	-	-	-
Prescott and Ogdensburg and Brockville	4	3,125	5,209	7	5,295	-
Oswego and South	13	16,304	28,421	12	7,877	-
Other Lake Ontario ports	2	796	1,098	5	5,731	11,381
Montreal and below	21	14,339	7,700	1	1,467	1,850
Other ports below Prescott	-	-	-	-	-	-
Welland Canal	7	28,779	60,797	22	51,581	62,230
Total	96	278,104	606,701	58	100,831	75,461
Lake Huron and						
Hamilton	2	137	-	-	-	-
Toronto	-	-	-	2	7,509	-
Kingston	-	-	-	-	-	-
Prescott Ogdensburg and Brockville	-	-	-	1	123	-
Oswego and South	1	2,942	7,461	2	5,884	-
Other Lake Ontario ports	2	259	-	1	1,129	-
Montreal and below	18	8,814	260	8	10,940	15,080
Other ports below Prescott	2	2,276	5,488	1	1,153	-
Welland Canal	2	5,287	1,574	1	5,557	-
Total	27	19,715	14,783	16	32,295	15,080
Sarnia to Port Colborne and						
Hamilton	231	706,888	1,558,408	307	1,042,049	3,150
Toronto	637	1,378,978	2,596,450	594	1,318,379	25,421
Kingston	20	17,409	31,530	34	67,105	-
Prescott and Ogdensburg and Brockville	55	56,484	135,595	54	58,777	12,150
Oswego and South	385	229,963	390,751	345	256,069	6,920
Other Lake Ontario ports	201	164,551	340,761	199	146,501	8,811
Montreal and below	622	711,135	1,469,281	546	635,441	210,156
Other ports below Prescott	8	10,326	23,114	11	13,228	20
Welland Canal	172	284,972	500,514	217	414,155	33,685
Total	2,331	3,560,706	7,046,404	2,307	3,951,702	300,313
Welland Ship Canal and						
Hamilton	3	2,916	1,119	2	2,485	2,700
Toronto	5	5,118	-	19	39,799	30,258
Kingston	-	-	-	2	2,170	625
Prescott and Ogdensburg and Brockville	-	-	-	1	972	-
Oswego and South	14	16,733	-	2	3,268	-
Other Lake Ontario ports	47	45,433	-	15	9,875	25,180
Montreal and below	12	12,063	13,965	76	86,021	158,613
Other ports below Prescott	-	-	-	-	-	1
Total	81	82,263	15,084	117	144,590	217,577
GRAND TOTAL	2,837	4,720,671	9,304,870	2,769	4,738,931	811,126

Table 4 - Grain Down-bound through the WELLAND SHIP CANAL, 1943

	Wheat	Barley	Oats	Rye	Corn	Flaxseed	Total
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
<u>Canadian Grain -</u>							
From United States Ports to Canadian Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States "	-	-	-	-	-	-	-
From Canadian Ports to United States Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States "	1,579,966	80,000	-	-	-	-	1,659,966
From United States Ports to United States Ports							
In United States vessels	-	-	-	-	-	-	-
From Canadian Ports to Canadian Ports -							
In Canadian vessels	17,765,800	3,782,250	1,118,941	-	233,000	517,036	23,417,027
<u>United States Grain -</u>							
From United States Ports to Canadian Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States "	-	-	-	-	-	-	-
From United States Ports to United States Ports							
In Canadian vessels	176,000	-	-	-	-	-	176,000
In United States "	885,100	-	-	-	-	99,714	984,814
From Canadian Ports to Canadian Ports -							
In Canadian vessels	-	-	-	-	-	-	-
In United States "	-	-	-	-	-	-	-
Total Grain	20,406,866	3,862,250	1,118,941	-	233,000	616,750	26,237,807
Canadian Grain in United States vessels	1,579,966	80,000	-	-	-	-	1,659,966
United States Grain in Canadian vessels	176,000	-	-	-	-	-	176,000

Table 5 - Freight Rates by Water on Barley and Oats during 1943.

Fort William - Port Arthur	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
<u>Montreal -</u>						
April	-	-	-			
May	7.50	3.13	0.255			
June	7.50	3.13	0.255			
July	7.50	3.13	0.255		No	
August	7.50	3.13	0.255			
September	7.50	3.13	0.255			
October	8.00	3.33	0.271		Cargoes	
November	-	-	-			
December	-	-	-			
Average	7.63	3.18	0.259			
<u>Goderich and Georgian Bay -</u>						
April	3.25	1.35	0.251	3.00	1.76	0.328
May	3.63	1.51	0.281	3.51	2.06	0.364
June	3.37	1.40	0.261	3.29	1.94	0.361
July	3.25	1.35	0.251	3.85	2.26	0.421
August	3.29	1.37	0.255	4.44	2.61	0.486
September	3.37	1.40	0.261	4.12	2.42	0.451
October	3.42	1.43	0.266	4.04	2.38	0.443
November	3.89	1.62	0.302	4.10	2.41	0.449
December	-	-	-	5.00	2.94	0.547
Average	3.86	1.61	0.300	3.93	2.31	0.430
<u>Port Colborne -</u>						
April				-	-	-
May				-	-	-
June				-	-	-
July		No		-	-	-
August				3.25	1.91	0.225
September				-	-	-
October		Cargoes		-	-	-
November				-	-	-
December				-	-	-
Average				3.25	1.91	0.225
<u>Buffalo -</u>						
April	6.28	2.62	0.304	7.60	4.47	0.519
May	7.04	2.93	0.340	7.78	4.58	0.551
June	6.81	2.84	0.329	9.60	5.65	0.655
July	6.84	2.85	0.331	8.71	5.12	0.594
August	6.74	2.81	0.326	7.83	4.61	0.535
September	6.91	2.88	0.334	6.57	3.86	0.448
October	8.17	3.40	0.394	6.98	4.11	0.477
November	6.00	2.50	0.290	8.37	4.92	0.571
December	-	-	-	7.52	4.42	0.513
Average	6.98	2.91	0.338	7.87	4.63	0.537
<u>Port Colborne to Montreal -</u>						
April						
May						
June						
July		No			No	
August						
September						
October		Cargoes			Cargoes	
November						
December						

Table 6 - Freight Rates by Water on Flax and Rye during 1943.

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	
<u>Montreal -</u>	cents	\$	cents	cents	\$	cents	
April							
May							
June							
July		No			No		
August							
September							
October		C a r g o e s				C a r g o e s	
November							
December							
Average							
<u>Goderich and Georgian Bay -</u>							
April	-	-	-	-	-	-	
May	5.00	1.79	0.333	-	-	-	
June	5.50	1.96	0.365	3.50	1.25	0.233	
July	5.50	1.96	0.365	-	-	-	
August	5.50	1.96	0.365	3.50	1.25	0.233	
September	-	-	-	-	-	-	
October	4.21	1.50	0.279	3.50	1.25	0.233	
November	-	-	-	-	-	-	
December	-	-	-	-	-	-	
Average	5.05	1.80	0.335	3.50	1.25	0.233	
<u>Port Colborne -</u>							
April							
May							
June							
July		No			No		
August							
September							
October		C a r g o e s				C a r g o e s	
November							
December							
Average							
<u>Buffalo -</u>							
April	-	-	-	6.96	2.49	0.289	
May	-	-	-	6.25	2.23	0.259	
June	6.26	2.24	0.260	-	-	-	
July	6.19	2.21	0.256	7.15	2.55	0.296	
August	6.36	2.27	0.263	-	-	-	
September	6.50	2.32	0.269	-	-	-	
October	6.46	2.31	0.268	-	-	-	
November	6.52	2.33	0.270	6.38	2.28	0.264	
December	6.43	2.30	0.267	-	-	-	
Average	6.43	2.30	0.267	6.38	2.28	0.264	
<u>Port Colborne to Montreal -</u>							
April							
May							
June							
July		No			No		
August							
September							
October		C a r g o e s				C a r g o e s	
November							
December							

Table 7 - Freight Rates by Water on Wheat during 1942 and 1943

Fort William - Port Arthur to -	1 9 4 2			1 9 4 3		
	Average rate per bushel cents	Average rate per ton \$	Average rate per ton-mile cents	Average rate per bushel cents	Average rate per ton \$	Average rate per ton-mile cents
Montreal -						
April	-	-	-	-	-	-
May	8.00	2.67	0.217	8.00	2.67	0.217
June	8.00	2.67	0.217	8.00	2.67	0.217
July	8.00	2.67	0.217	8.00	2.67	0.217
August	8.00	2.67	0.217	8.00	2.67	0.217
September	8.00	2.67	0.217	8.00	2.67	0.217
October	7.89	2.63	0.214	8.00	2.67	0.217
November	8.00	2.67	0.217	8.00	2.67	0.217
December	-	-	-	-	-	-
Average	7.98	2.66	0.217	8.00	2.67	0.217
Including storage	-	-	-	-	-	-
Goderich and Georgian Bay -						
March	3.50	1.17	0.218	-	-	-
April	3.50	1.17	0.218	3.50	1.17	0.218
May	3.50	1.17	0.218	3.50	1.17	0.218
June	3.50	1.17	0.218	3.50	1.17	0.218
July	3.50	1.17	0.218	3.51	1.17	0.218
August	3.50	1.17	0.218	3.56	1.19	0.222
September	3.51	1.17	0.218	3.50	1.17	0.218
October	3.51	1.17	0.218	3.53	1.18	0.220
November	3.50	1.17	0.218	3.50	1.17	0.218
December	5.33	1.78	0.331	5.50	1.83	0.341
Average	3.50	1.17	0.218	3.52	1.17	0.218
Including storage	3.58	1.19	0.222	3.77	1.26	0.235
Port Colborne -						
April	4.00	1.33	0.157	4.00	1.33	0.157
May	4.00	1.33	0.157	4.00	1.33	0.157
June	4.00	1.33	0.157	4.00	1.33	0.157
July	4.00	1.33	0.157	4.00	1.33	0.157
August	4.00	1.33	0.157	4.00	1.33	0.157
September	4.00	1.33	0.157	4.00	1.33	0.157
October	4.00	1.33	0.157	4.00	1.33	0.157
November	4.00	1.33	0.157	4.00	1.33	0.157
December	5.70	1.90	0.224	6.00	2.00	0.236
Average	4.09	1.36	0.160	4.01	1.34	0.158
Including storage	4.59	1.53	0.180	4.61	1.54	0.182
Buffalo -						
April	5.72	1.91	0.222	6.06	2.02	0.234
May	5.42	1.81	0.210	6.19	2.06	0.239
June	5.17	1.72	0.200	6.50	2.17	0.252
July	5.51	1.84	0.213	6.48	2.16	0.251
August	5.83	1.94	0.225	6.65	2.22	0.258
September	6.35	2.12	0.246	7.81	2.60	0.302
October	6.31	2.10	0.244	7.68	2.56	0.297
November	5.58	1.86	0.216	6.34	2.11	0.245
December	8.86	2.95	0.342	6.93	2.31	0.268
Average	5.76	1.92	0.223	6.67	2.22	0.258
Including storage	5.99	2.00	0.232	7.39	2.46	0.285
Port Colborne to Montreal -						
April				-	-	-
May				-	-	-
June				-	-	-
July				-	-	-
August				-	-	-
September				-	-	-
October				-	-	-
November				4.00	1.33	0.350
December				-	-	-
Average				4.00	1.33	0.350

No
Cargoes

Table 8 - Season of Navigation, 1945

Canals	First Vessel Passage	Last Vessel Passage	Number of Days used
Sault Ste. Marie	April 23	Dec. 8	250
Welland Ship	April 13	Dec. 18	250
St. Lawrence	April 26	Dec. 17	236
Richelieu River	May 1	Nov. 29	213
St. Peter's	April 23	Jan. 12	265
Murray	April 17	Dec. 2	230
Ottawa River	April 28	Nov. 24	211
Rideau	May 6	Nov. 30	209
Trent	May 3	Nov. 25	207
St. Andrews	May 26	Nov. 1	160

Table 9 - Canals of Canada

Name	Location		Length in Miles	Number	Locks		
					Minimum Dimensions in Feet		
	From	To		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
Soulages	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 Point	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, Qué. ...	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 R.		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	6.00
	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 10 - Total Traffic using the

		Sault Ste. Marie	Welland Ship	St. Lawrence River	Richelieu River	St. Peter's
1	Canadian Vessels - Number	3,631	4,201	6,825	326	839
2	United States Vessels "	1,014	1,404	180	-	2
3	Other Foreign Vessels "	-	1	-	-	-
4	Total	4,645	5,606	7,005	326	841
5	Passengers - Number	40,282	286	12,438	-	139
		Tons	Tons	Tons	Tons	Tons
6	Canadian Vessels - Steam	4,259,676	7,256,574	5,252,647	55,442	245,044
7	" " - Sail	536,404	10,421	223,578	869	440
8	United States " - Steam	3,302,654	1,909,038	158,391	-	88
9	" " " - Sail	27,356	281,629	4,150	-	-
10	Other Foreign Vessels ...	-	1,940	-	-	-
11	Total	8,126,090	9,459,602	5,638,766	56,311	245,572
	AGRICULTURAL PRODUCTS					
12	Barley	323,641	92,694	11,081	-	-
13	Corn	-	6,524	11,993	-	-
14	Oats	172,130	19,022	220	-	-
15	Rye	5,678	659	-	-	-
16	Flaxseed	36,931	17,269	-	-	-
17	Wheat	1,344,879	643,385	192,488	-	-
18	Other grains.....	210	170	-	-	-
19	Flour	126,847	28,966	10,699	-	603
20	Hay and Straw	-	-	1,137	-	7
21	Other mill products	103,421	1,198	10	-	-
22	Fruit and vegetables ...	15	-	-	-	203
23	Potatoes	-	-	-	-	2,505
24	Total	2,113,752	809,887	227,628	-	3,318
	ANIMAL PRODUCTS					
25	Fish	160	-	-	-	1,038
26	Dressed meats	-	-	-	-	139
27	Other packing-house pds.	-	-	326	-	-
28	All other animal products	-	-	5,308	-	-
29	Total	160	-	5,634	-	1,177
	MANUFACTURES AND MISCELLANEOUS					
30	Gasoline	178,123	632,474	259,868	-	5,640
31	Petroleum & other oils..	125,260	1,734,854	516,552	-	1,350
32	Agricultural implements	558	468	328	-	-
33	Cement, brick, plaster..	-	39,513	26,749	-	350
34	Iron, pig and bloom	10,215	7,880	877	-	-
35	Iron and steel, other ..	6,022	11,516	12,045	-	1
36	Sugar	2,313	8,015	27,915	-	-
37	Salt	12,212	10,008	9,992	-	187
38	Beverages	1,698	5,162	6,675	-	-
39	Autos and parts	888	292	638	-	14
40	Paper	75,568	116,065	196,890	28,928	6,150
41	Wood pulp	7,094	13,079	20,094	-	-
42	Total	419,951	2,579,326	1,078,623	28,928	13,692
	FOREST PRODUCTS					
43	Pulpwood	386,972	286,724	298,121	-	1
44	Logs, posts, poles, piling	47	-	-	-	2
45	Firewood	-	-	40	-	105
46	Lumber, mill, cooperage stk.	-	50	50,031	-	209
47	Other forest products ...	-	-	84	-	-
48	Total	387,019	286,754	328,276	-	317
	MINE PRODUCTS					
49	Hard coal	-	11,381	36,331	-	70
50	Soft coal	664,789	4,490,704	3,486,140	-	251,355
51	Coke	20,643	72,273	6,053	-	265
52	Copper ore	-	-	-	-	-
53	Iron ore	604,537	1,230,498	-	-	-
54	Other ore	55	184,553	502,141	-	-
55	Sand, gravel and stone ..	48,778	194,757	193,505	7,192	1,320
56	Total	1,338,802	6,164,166	4,224,170	7,192	253,010
57	All other freight	309,109	275,863	283,693	24,984	16,629
58	GRAND TOTAL	4,568,793	10,115,906	6,148,024	61,104	288,143

Canadian Canals during 1943

	Murray	Ottawa River	Rideau	Trent	St. Andrew's	Total	Compared with 1942	
							Increase	Decrease
1	101	1,363	73	2,882	614	20,855	-	1,327
2	16	-	-	-	-	2,616	-	1,062
3	-	-	-	-	-	1	-	40
4	117	1,363	73	2,882	614	23,472	-	2,429
5	69	-	9	14,915	3,990	72,128	-	13,178
6	Tons 30,128	Tons 73,393	Tons 1,340	Tons 33,686	Tons 52,044	Tons 17,259,974	Tons -	444,968
7	2,122	195,123	2,953	27,449	13,971	1,013,330	-	246,571
8	1,653	-	-	-	-	5,371,824	-	2,562,187
9	59	-	-	-	-	313,194	-	121,864
10	-	-	-	-	-	1,940	-	21,428
11	33,962	268,516	4,293	61,135	66,015	23,960,262	-	3,397,018
12	-	-	-	-	-	427,416	273,762	-
13	-	-	-	-	-	18,517	-	174,171
14	-	-	-	6	34	191,412	133,080	-
15	-	-	-	-	-	6,337	-	11,484
16	-	-	-	-	-	54,200	13,568	-
17	-	-	-	-	-	2,180,752	742,864	-
18	-	-	-	-	-	380	-	2,655
19	-	-	-	2	404	167,521	-	178,740
20	-	-	-	16	157	1,317	193	-
21	-	-	-	2	8	104,639	-	120,387
22	-	-	-	18	82	318	-	423
23	-	-	-	-	1	2,506	-	785
24	-	-	-	44	686	3,155,315	674,822	-
25	-	-	-	-	2,348	3,546	-	520
26	-	-	-	-	19	158	135	-
27	-	-	-	1	-	327	-	1,934
28	-	-	-	-	1	5,309	-	1,614
29	-	-	-	1	2,368	9,340	-	3,933
30	2,250	29,820	3	82	693	1,108,953	-	18,157
31	-	13,510	7	37	40	2,391,610	-	256,918
32	-	-	-	-	-	1,354	-	6,882
33	-	-	158	-	211	66,981	-	95,454
34	-	-	-	2	-	18,974	-	10,044
35	-	-	5	85	166	29,840	-	63,070
36	-	-	-	1	-	58,244	-	8,323
37	-	-	-	-	-	32,399	-	30,612
38	-	-	-	12	36	13,583	-	7,876
39	-	-	-	-	22	1,854	26	-
40	-	8,342	-	-	-	431,943	-	104,461
41	-	-	-	-	-	40,267	-	13,493
42	2,250	51,672	173	219	1,168	4,176,002	-	605,264
43	-	175	-	-	-	971,993	-	195,892
44	-	954	1	156	-	1,160	-	163
45	-	-	-	36	1,180	1,361	-	1,946
46	-	-	258	119	5,496	36,143	-	23,779
47	-	-	10	-	-	94	-	28
48	-	1,129	269	311	6,676	1,010,751	-	221,808
49	-	-	2	-	-	47,784	-	124,214
50	2,061	715	208	-	203	8,896,175	790,837	-
51	-	-	-	-	-	99,234	-	94,151
52	-	-	-	-	-	-	-	12,498
53	-	-	-	-	-	1,855,035	239,093	-
54	-	-	-	33,683	-	700,432	243,665	-
55	-	186,600	863	-	-	633,015	-	145,135
56	2,061	187,315	1,073	33,683	203	12,211,675	897,597	-
57	34	380	36	307	2,076	913,111	-	164,859
58	4,345	240,496	1,551	34,565	13,177	21,476,194	576,555	-

Table 11 - Vessels using Canadian Canals - 1943
NUMBER AND NET REGISTERED TONS

		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
<u>SAULT STE. MARIE CANAL -</u>							
1	Canadian Vessels Steam No.	1,391	1,104	33	301	13	9
2	Canadian Vessels Sail "	190	110	4	55	6	1
3	United States " Steam "	27	5	11	97	646	141
4	United States " Sail "	1	-	1	2	4	3
5	Other Foreign Vessels "	-	-	-	-	-	-
6	Total "	1,609	1,219	49	455	669	154
7	Canadian Vessels Steam Tons	2,086,486	1,208,178	98,508	391,924	43,814	7,722
8	Canadian Vessels Sail "	202,245	39,744	8,724	106,024	18,058	267
9	United States " Steam "	21,250	1,648	27,273	154,629	2,623,975	332,072
10	United States " Sail "	3,121	-	2,674	225	5,995	3,100
11	Other Foreign Vessels "	-	-	-	-	-	-
12	Total "	2,313,102	1,249,570	137,179	652,802	2,691,842	343,161
<u>WELLAND SHIP CANAL-THROUGH AND WAY -</u>							
13	Canadian Vessels Steam No.	515	572	1,514	79	25	12
14	Canadian Vessels Sail "	9	15	-	-	-	-
15	United States " Steam "	54	53	206	12	301	273
16	United States " Sail "	-	-	6	-	127	142
17	Other Foreign " Steam "	-	-	1	-	-	-
18	Total "	578	640	1,727	91	453	427
19	Canadian Vessels Steam Tons	611,475	733,603	2,975,935	60,944	27,722	20,956
20	Canadian Vessels Sail "	2,536	7,885	-	-	-	-
21	United States " Steam "	63,334	38,422	707,977	22,462	192,575	147,599
22	United States " Sail "	-	-	6,122	-	129,258	144,509
23	Other Foreign " Steam "	-	-	1,940	-	-	-
24	Total "	677,345	779,910	3,691,974	83,406	349,555	313,064
<u>WELLAND SHIP CANAL-THROUGH</u>							
25	Canadian Vessels Steam No.	361	443	1,356	32	25	12
26	Canadian Vessels Sail "	3	6	-	-	-	-
27	United States " Steam "	43	47	179	12	301	273
28	United States " Sail "	-	-	6	-	127	142
29	Other Foreign " Steam "	-	-	1	-	-	-
30	Total "	407	496	1,542	44	453	427
31	Canadian Vessels Steam Tons	456,539	567,508	2,658,510	6,858	27,722	20,956
32	Canadian Vessels Sail "	1,251	1,760	-	-	-	-
33	United States " Steam "	32,575	33,670	600,168	22,462	192,575	147,599
34	United States " Sail "	-	-	6,122	-	129,258	144,509
35	Other Foreign " Steam "	-	-	1,940	-	-	-
36	Total "	490,365	602,938	3,266,740	29,320	349,555	313,064
<u>WELLAND SHIP CANAL - WAY-</u>							
37	Canadian Vessels Steam No.	154	129	158	47	-	-
38	Canadian Vessels Sail "	6	9	-	-	-	-
39	United States " Steam "	11	6	27	-	-	-
40	United States " Sail "	-	-	-	-	-	-
41	Other Foreign " Steam "	-	-	-	-	-	-
42	Total "	171	144	185	47	-	-
43	Canadian Vessels Steam Tons	154,936	166,095	317,425	54,086	-	-
44	Canadian Vessels Sail "	1,285	6,125	-	-	-	-
45	United States " Steam "	30,759	4,752	107,809	-	-	-
46	United States " Sail "	-	-	-	-	-	-
47	Other Foreign " Steam "	-	-	-	-	-	-
48	Total "	186,980	176,972	425,234	54,086	-	-

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
1	315	25	1,752	1,439	3,191	3,208	-	17
2	53	21	253	187	440	497	-	57
3	66	2	750	245	995	1,607	-	612
4	7	1	13	6	19	38	-	19
5	-	-	-	-	-	-	-	-
6	441	49	2,768	1,877	4,645	5,350	-	705
7	415,937	7,107	2,644,745	1,614,931	4,259,676	4,421,148	-	161,472
8	155,735	5,607	384,762	151,642	536,404	598,483	-	62,029
9	141,726	81	2,814,224	488,430	3,302,654	5,794,305	-	2,491,651
10	12,116	125	23,906	3,450	27,356	37,311	-	9,955
11	-	-	-	-	-	-	-	-
12	725,514	12,920	5,867,637	2,258,453	8,126,090	10,851,197	-	2,725,107
13	3	1,457	2,057	2,120	4,177	4,549	-	372
14	-	-	9	15	24	26	-	2
15	8	220	569	558	1,127	1,301	-	174
16	-	2	133	144	277	336	-	59
17	-	-	1	-	1	16	-	15
18	11	1,679	2,769	2,837	5,606	6,228	-	622
19	4,391	2,821,548	3,619,523	3,637,051	7,256,574	8,073,944	-	817,370
20	-	-	2,536	7,885	10,421	8,065	2,356	-
21	15,666	721,003	979,552	929,486	1,909,038	1,910,475	-	1,437
22	-	1,740	135,380	146,249	281,629	335,149	-	53,520
23	-	-	1,940	-	1,940	11,659	-	9,719
24	20,057	3,544,291	4,738,931	4,720,671	9,459,602	10,339,292	-	879,690
25	1	1,377	1,743	1,864	3,607	3,832	-	225
26	-	-	3	6	9	10	-	1
27	7	201	530	533	1,063	1,240	-	177
28	-	2	133	144	277	336	-	59
29	-	-	1	-	1	16	-	15
30	8	1,580	2,410	2,547	4,957	5,434	-	477
31	1,123	2,644,571	3,143,894	3,239,893	6,383,787	6,910,677	-	526,890
32	-	-	1,251	1,760	3,011	3,219	-	208
33	10,249	646,236	835,567	849,967	1,685,534	1,729,711	-	44,177
34	-	1,740	135,380	146,249	281,629	335,149	-	53,520
35	-	-	1,940	-	1,940	11,659	-	9,719
36	11,372	3,292,547	4,118,032	4,237,869	8,355,901	8,990,415	-	634,514
37	2	80	314	256	570	717	-	147
38	-	-	6	9	15	16	-	1
39	1	19	39	25	64	61	3	-
40	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-
42	3	99	359	290	649	794	-	145
43	3,268	176,977	475,629	397,158	872,787	1,163,267	-	290,480
44	-	-	1,285	6,125	7,410	4,846	2,564	-
45	5,417	74,767	143,985	79,519	223,504	180,764	42,740	-
46	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-
48	8,685	251,744	620,899	482,802	1,103,701	1,348,877	-	245,176

Table 11 - Vessels using Canadian Canals - 1943 - Continued

NUMBER AND NET REGISTERED TONS

		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
<u>ST. LAWRENCE RIVER CANALS -</u>							
<u>THROUGH AND WAY -</u>							
1	Canadian Vessels Steam No.	1,382	1,394	1,541	45	41	5
2	Canadian Vessels Sail "	367	363	2	-	-	-
3	United States " Steam "	3	4	55	-	14	27
4	United States " Sail "	-	-	-	-	-	4
5	Other Foreign " Steam "	-	-	-	-	-	-
6	Total "	1,752	1,761	1,598	45	55	36
7	Canadian Vessels Steam Tons	768,763	729,958	1,780,606	9,797	47,141	6,759
8	Canadian Vessels Sail "	112,256	109,944	961	-	-	-
9	United States " Steam "	2,376	2,627	58,382	-	16,193	12,876
10	United States " Sail "	-	-	-	-	-	3,320
11	Other Foreign " Steam "	-	-	-	-	-	-
12	Total "	883,395	842,529	1,839,949	9,797	63,334	22,955
<u>ST. LAWRENCE CANALS-THROUGH</u>							
13	Canadian Vessels Steam No.	578	582	1,454	-	21	5
14	Canadian Vessels Sail "	4	6	-	-	-	-
15	United States " Steam "	3	4	54	-	14	27
16	United States " Sail "	-	-	-	-	-	4
17	Other Foreign " Steam "	-	-	-	-	-	-
18	Total "	585	592	1,508	-	35	36
19	Canadian Vessels Steam Tons	590,525	536,739	1,678,598	-	23,711	6,759
20	Canadian Vessels Sail "	1,016	1,865	-	-	-	-
21	United States " Steam "	2,376	2,627	57,532	-	16,193	12,876
22	United States " Sail "	-	-	-	-	-	3,320
23	Other Foreign " Steam "	-	-	-	-	-	-
24	Total "	593,917	541,231	1,736,130	-	39,904	22,955
<u>ST. LAWRENCE CANALS - WAY-</u>							
25	Canadian Vessels Steam No.	804	812	87	45	20	-
26	Canadian Vessels Sail "	363	357	2	-	-	-
27	United States " Steam "	-	-	1	-	-	-
28	United States " Sail "	-	-	-	-	-	-
29	Other Foreign " Steam "	-	-	-	-	-	-
30	Total "	1,167	1,169	90	45	20	-
31	Canadian Vessels Steam Tons	178,238	193,219	102,008	9,797	23,430	-
32	Canadian Vessels Sail "	111,240	108,079	961	-	-	-
33	United States " Steam "	-	-	850	-	-	-
34	United States " Sail "	-	-	-	-	-	-
35	Other Foreign " Steam "	-	-	-	-	-	-
36	Total "	289,478	301,298	103,819	9,797	23,430	-
<u>RICHELIEU RIVER CANAL -</u>							
37	Canadian Vessels Steam No.	23	30	133	-	-	-
38	Canadian Vessels Sail "	6	2	-	-	-	-
39	United States " Steam "	-	-	-	-	-	-
40	United States " Sail "	-	-	-	-	-	-
41	Other Foreign " Steam "	-	-	-	-	-	-
42	Total "	29	32	133	-	-	-
43	Canadian Vessels Steam Tons	1,728	2,144	25,721	-	-	-
44	Canadian Vessels Sail "	834	35	-	-	-	-
45	United States " Steam "	-	-	-	-	-	-
46	United States " Sail "	-	-	-	-	-	-
47	Other Foreign " Steam "	-	-	-	-	-	-
48	Total "	2,562	2,179	25,721	-	-	-

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
1	66	1,618	3,030	3,062	6,092	6,569	-	477
2	-	1	369	364	733	965	-	232
3	1	71	73	102	175	266	-	91
4	-	1	-	5	5	49	-	44
5	-	-	-	-	-	16	-	16
6	67	1,691	3,472	3,533	7,005	7,865	-	860
7	13,553	1,896,070	2,610,063	2,642,584	5,252,647	4,819,331	433,316	-
8	-	417	113,217	110,361	223,578	331,870	-	108,292
9	27	65,910	76,978	81,413	158,391	226,141	-	67,750
10	-	830	-	4,150	4,150	61,587	-	57,437
11	-	-	-	-	-	11,709	-	11,709
12	13,580	1,963,227	2,800,258	2,838,508	5,638,766	5,450,638	188,128	-
13	-	1,547	2,053	2,134	4,187	3,832	355	-
14	-	1	4	7	11	18	-	7
15	-	71	71	102	173	255	-	82
16	-	1	-	5	5	49	-	44
17	-	-	-	-	-	16	-	16
18	-	1,620	2,128	2,248	4,376	4,170	206	-
19	-	1,810,737	2,292,834	2,354,235	4,647,069	4,150,352	496,717	-
20	-	417	1,016	2,282	3,298	7,189	-	3,891
21	-	65,910	76,101	81,413	157,514	221,267	-	63,753
22	-	830	-	4,150	4,150	61,587	-	57,437
23	-	-	-	-	-	11,709	-	11,709
24	-	1,877,894	2,369,951	2,442,080	4,812,031	4,452,104	359,927	-
25	66	71	977	928	1,905	2,737	-	832
26	-	-	365	357	722	947	-	225
27	1	-	2	-	2	11	-	9
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	67	71	1,344	1,285	2,629	3,695	-	1,066
31	13,553	85,333	317,229	288,349	605,578	668,979	-	63,401
32	-	-	112,201	108,079	220,280	324,681	-	104,401
33	27	-	877	-	877	4,874	-	3,997
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	13,580	85,333	430,307	396,428	826,735	998,534	-	171,799
37	-	132	156	162	318	336	-	18
38	-	-	6	2	8	24	-	16
39	-	-	-	-	-	3	-	3
40	-	-	-	-	-	4	-	4
41	-	-	-	-	-	-	-	-
42	-	132	162	164	326	367	-	41
43	-	25,849	27,449	27,993	55,442	57,571	-	2,129
44	-	-	834	35	869	2,576	-	1,707
45	-	-	-	-	-	188	-	188
46	-	-	-	-	-	926	-	926
47	-	-	-	-	-	-	-	-
48	-	25,849	28,283	28,028	56,311	61,261	-	4,950

Table 11 - Vessels using Canading Canals - 1943 - Continued -
NUMBER AND NET REGISTERED TONS

			CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
			UP	DOWN	UP	DOWN	UP	DOWN
<u>ST. PETER'S CANAL</u>								
1	Canadian Vessels	Steam No.	393	405	22	-	-	3
2	Canadian Vessels	Sail "	2	5	-	-	-	-
3	United States "	Steam "	1	1	-	-	-	-
4	United States "	Sail "	-	-	-	-	-	-
5	Other Foreign "	Steam "	-	-	-	-	-	-
6	Total "		396	411	22	-	-	3
7	Canadian Vessels	Steam Tons	110,689	122,496	5,195	-	-	3,120
8	Canadian Vessels	Sail "	140	300	-	-	-	-
9	United States "	Steam "	8	80	-	-	-	-
10	United States "	Sail "	-	-	-	-	-	-
11	Other Foreign "	Steam "	-	-	-	-	-	-
12	Total "		110,837	122,876	5,195	-	-	3,120
<u>MURRAY CANAL -</u>								
13	Canadian Vessels	Steam No.	26	24	32	2	-	-
14	Canadian Vessels	Sail "	4	10	-	-	-	-
15	United States "	Steam "	2	-	-	-	-	-
16	United States "	Sail "	-	-	2	-	-	-
17	Other Foreign "	Steam "	-	-	-	-	-	-
18	Total "		32	34	34	2	-	-
19	Canadian Vessels	Steam Tons	5,382	2,224	18,239	3,626	-	-
20	Canadian Vessels	Sail "	880	1,242	-	-	-	-
21	United States "	Steam "	1,584	-	-	-	-	-
22	United States "	Sail "	-	-	21	-	-	-
23	Other Foreign "	Steam "	-	-	-	-	-	-
24	Total "		7,846	3,466	18,260	3,626	-	-
<u>OTTAWA RIVER CANAL -</u>								
25	Canadian Vessels	Steam No.	405	405	-	37	-	-
26	Canadian Vessels	Sail "	241	241	-	-	-	-
27	United States "	Steam "	-	-	-	-	-	-
28	United States "	Sail "	-	-	-	-	-	-
29	Other Foreign "	Steam "	-	-	-	-	-	-
30	Total "		646	646	-	37	-	-
31	Canadian Vessels	Steam Tons	29,908	29,854	-	7,103	-	-
32	Canadian Vessels	Sail "	97,676	97,447	-	-	-	-
33	United States "	Steam "	-	-	-	-	-	-
34	United States "	Sail "	-	-	-	-	-	-
35	Other Foreign "	Steam "	-	-	-	-	-	-
36	Total "		127,584	127,301	-	7,103	-	-
<u>RIDEAU CANAL -</u>								
37	Canadian Vessels	Steam No.	16	18	-	-	-	-
38	Canadian Vessels	Sail "	21	18	-	-	-	-
39	United States "	Steam "	-	-	-	-	-	-
40	United States "	Sail "	-	-	-	-	-	-
41	Other Foreign "	Steam "	-	-	-	-	-	-
42	Total "		37	36	-	-	-	-
43	Canadian Vessels	Steam Tons	698	642	-	-	-	-
44	Canadian Vessels	Sail "	1,386	1,567	-	-	-	-
45	United States "	Steam "	-	-	-	-	-	-
46	United States "	Sail "	-	-	-	-	-	-
47	Other Foreign "	Steam "	-	-	-	-	-	-
48	Total "		2,084	2,209	-	-	-	-

	U.S. TO CANADA		TOTAL		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
1	3	6	418	414	832	691	141	-
2	-	-	2	5	7	230	-	223
3	-	-	1	1	2	3	-	1
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	3	6	421	420	841	924	-	83
7	2,417	1,127	118,301	126,743	245,044	157,020	88,024	-
8	-	-	140	300	440	15,893	-	15,453
9	-	-	8	80	88	2,067	-	1,979
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	2,417	1,127	118,449	127,123	245,572	174,980	70,592	-
13	-	3	58	29	87	93	-	6
14	-	-	4	10	14	30	-	16
15	-	4	2	4	6	60	-	54
16	-	8	2	8	10	9	1	-
17	-	-	-	-	-	-	-	-
18	-	15	66	51	117	192	-	75
19	-	657	23,621	6,507	30,128	12,061	18,067	-
20	-	-	880	1,242	2,122	572	1,550	-
21	-	69	1,584	69	1,653	795	858	-
22	-	38	21	38	59	85	-	26
23	-	-	-	-	-	-	-	-
24	-	764	26,106	7,856	33,962	13,513	20,449	-
25	34	-	439	442	881	998	-	117
26	-	-	241	241	482	649	-	167
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	34	-	680	683	1,363	1,647	-	284
31	6,528	-	36,436	56,957	73,393	73,064	329	-
32	-	-	97,676	97,447	195,123	260,132	-	65,009
33	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	6,528	-	134,112	134,404	268,516	333,196	-	64,680
37	-	-	16	18	34	125	-	91
38	-	-	21	18	39	44	-	5
39	-	-	-	-	-	2	-	2
40	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-
42	-	-	37	36	73	171	-	98
43	-	-	698	642	1,340	1,379	-	39
44	-	-	1,386	1,567	2,953	2,766	187	-
45	-	-	-	-	-	40	-	40
46	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-
48	-	-	2,084	2,209	4,293	4,185	108	-

Table 11 - Vessels using Canadian Canals - 1943 - Concluded

NUMBER AND NET REGISTERED TONS

		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
	<u>TRENT CANAL -</u>						
1	Canadian Vessels Steam No.	1,181	1,163	-	-	-	-
2	Canadian Vessels Sail "	272	266	-	-	-	-
3	United States " Steam "	-	-	-	-	-	-
4	United States " Sail "	-	-	-	-	-	-
5	Other Foreign " Steam "	-	-	-	-	-	-
6	Total "	1,453	1,429	-	-	-	-
7	Canadian Vessels Steam Tons	16,738	16,948	-	-	-	-
8	Canadian Vessels Sail "	13,956	13,493	-	-	-	-
9	United States " Steam "	-	-	-	-	-	-
10	United States " Sail "	-	-	-	-	-	-
11	Other Foreign " Steam "	-	-	-	-	-	-
12	Total "	30,694	30,441	-	-	-	-
	<u>ST. ANDREWS CANAL -</u>						
13	Canadian Vessels Steam No.	283	286	-	-	-	-
14	Canadian Vessels Sail "	22	23	-	-	-	-
15	United States " Steam "	-	-	-	-	-	-
16	United States " Sail "	-	-	-	-	-	-
17	Other Foreign " Steam "	-	-	-	-	-	-
18	Total "	305	309	-	-	-	-
19	Canadian Vessels Steam Tons	25,932	26,112	-	-	-	-
20	Canadian Vessels Sail "	7,076	6,895	-	-	-	-
21	United States " Steam "	-	-	-	-	-	-
22	United States " Sail "	-	-	-	-	-	-
23	Other Foreign " Steam "	-	-	-	-	-	-
24	Total "	33,008	33,007	-	-	-	-

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
1	-	-	1,181	1,163	2,344	2,115	229	-
2	-	-	272	266	538	435	103	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	1,453	1,429	2,882	2,550	332	-
7	-	-	16,738	16,948	33,686	36,723	-	3,037
8	-	-	13,956	13,493	27,449	21,504	5,945	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	30,694	30,441	61,135	58,227	2,908	-
13	-	-	283	286	569	562	7	-
14	-	-	22	23	45	45	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	305	309	614	607	7	-
19	-	-	25,932	26,112	52,044	52,701	-	657
20	-	-	7,076	6,895	13,971	18,090	-	4,119
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	33,008	33,007	66,015	70,791	-	4,776

Table 12 - Total Freight using

	Total Up Tons	Total Down Tons	GRAND TOTAL Tons	Transported in			
				Canadian Vessels		Foreign Vessels	
				Tons	Per cent of Total	Tons	Per cent of Total
Sault Ste. Marie Welland Ships ..	1,269,313	3,299,480	4,568,793	3,433,621	75.15	1,135,172	24.85
St. Lawrence R..	811,126	9,304,870	10,115,996	8,917,428	88.15	1,198,568	11.85
Richelieu River.	986,042	5,161,982	6,148,024	5,995,379	97.52	152,645	2.48
St. Peter's	29,107	31,997	61,104	61,104	100.00	-	-
Murray	19,767	288,376	288,143	276,897	96.10	11,246	3.90
Ottawa River ...	2,262	2,033	4,345	4,345	100.00	-	-
Rideau	45,535	194,961	240,496	240,496	100.00	-	-
Trent	589	982	1,551	1,551	100.00	-	-
St. Andrews	439	34,126	34,565	34,565	100.00	-	-
Total Canadian Canals	3,173,331	18,302,863	21,476,194	18,978,563	88.37	2,497,631	11.63
Sault Ste. Marie, Can. and U.S. Canals (x)	9,171	4,006	13,177	13,177	100.00	-	-
	18,198,812	97,653,091	115,851,903	13,024,421	11.24	102,827,482	88.76

(x) From United States Official Report.

Table 13 - Traffic through Canals at Sault Ste. Marie,

	U p		
	Canadian Canal	United States Canal	Total
	Number	Number	Number
1 Vessel passages	2,767	9,681	12,448
2 Registered Tonnage	5,867,637	37,360,450	43,228,087
3 Passengers	-	-	-
	Tons	Tons	Tons
4 Lumber	-	-	-
5 Pulpwood	800	-	800
6 Flour.....	875	-	875
7 Wheat	-	-	-
8 Grain, other than wheat	210	-	210
9 Copper	-	-	-
10 Iron ore	-	65,128	65,128
11 Pig iron	1,618	-	1,618
12 Manufactured iron and steel ..	4,744	55,112	59,856
13 Soft Coal and Coke	671,582	15,011,457	15,683,039
14 Hard Coal	-	198,915	198,915
15 Salt	12,212	46,970	59,182
16 Oil and gasoline	293,443	521,524	814,967
17 Stone	18	974,380	974,398
18 Merchandise and miscellaneous	283,811	56,598	340,409
19 Total Freight	1,269,313	16,930,084	18,199,397

Canadian Canals during 1943.

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
557,156	1,575,498	2,735	1,029,656	173,448	680,933	535,974	13,395
544,276	1,435,988	202,433	49,319	57,637	529,124	6,780	7,290,439
627,781	900,805	300,734	9,598	50,014	14,445	7,513	4,237,134
372	875	28,735	-	-	-	-	31,122
12,380	262,098	6,297	-	-	2,920	1,090	3,358
2,262	22	-	-	-	-	-	2,061
45,155	186,619	-	8,342	-	-	380	-
569	982	-	-	-	-	-	-
439	34,126	-	-	-	-	-	-
9,171	4,006	-	-	-	-	-	-
1,799,561	4,401,019	540,934	1,096,915	281,099	1,227,422	551,737	11,577,507
615,751	5,211,082	21,493	4,802,016	12,625,545	86,539,417	4,936,023	1,100,576

Canadian and United States, in 1943.

	D o w n			GRAND TOTAL	Compared with 1942	
	Canadian Canal	United States Canal	Total		Increase	Decrease
	Number	Number	Number	Number	Number	Number
1	1,878	10,621	12,499	24,947	-	1,935
2	2,258,453	41,111,113	43,369,566	86,597,653	-	7,035,717
3	-	-	-	-	-	-
	Tons	Tons	Tons	Tons	Tons	Tons
4	45	-	45	45	-	19,111
5	386,172	400,700	786,872	787,672	9,052	-
6	125,972	296	126,268	127,143	-	177,685
7	1,344,879	7,309,561	8,654,440	8,654,440	1,886,538	-
8	538,380	1,451,292	1,989,672	1,989,882	663,080	-
9	-	-	-	-	-	22,758
10	604,537	84,912,662	85,517,199	85,582,327	-	8,744,251
11	8,597	190,127	198,724	200,342	-	35,689
12	1,278	81,520	82,798	142,654	-	39,628
13	13,850	-	13,850	15,696,889	2,693,265	-
14	-	-	-	198,915	-	8,295
15	-	-	-	59,182	12,756	-
16	9,940	-	9,940	824,907	41,737	-
17	48,760	450	49,210	1,023,608	-	206,546
18	217,070	5,613	222,683	563,092	-	402,181
19	3,299,480	94,352,221	97,651,701	115,851,098	-	4,349,716

Table 14 - Traffic on the

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers - Number	14,317	14,250	-	574	5,827	5,300
		Tons	Tons	Tons	Tons	Tons	Tons
	AGRICULTURAL PRODUCTS -						
2	Barley	-	144,102	-	168,654	-	10,885
3	Corn	-	-	-	-	-	-
4	Oats	-	62,577	-	109,553	-	-
5	Rye	-	2,878	-	2,800	-	-
6	Flaxseed	-	14,874	-	4,116	-	17,941
7	Wheat	-	977,475	-	310,788	-	56,616
8	Other grains	210	-	-	-	-	-
9	Flour	875	125,972	-	-	-	-
10	Other mill products	-	102,607	-	814	-	-
11	Fruit and vegetables ...	15	-	-	-	-	-
12	Potatoes	-	-	-	-	-	-
13	Total	1,100	1,430,485	-	596,725	-	85,442
	ANIMAL PRODUCTS						
14	Fish	-	160	-	-	-	-
15	Other packing-house pds.	-	-	-	-	-	-
16	Total	-	160	-	-	-	-
	MANUFACTURES AND MISC. -						
17	Gasoline	164,176	3,355	-	-	-	-
18	Petroleum & other oils..	116,475	6,585	-	-	2,200	-
19	Agricultural implements	558	-	-	-	-	-
20	Cement, brick, plaster	-	-	-	-	-	-
21	Iron, pig and bloom	1,618	-	-	-	-	8,597
22	Iron and steel, other ..	2,657	1,278	-	-	2,087	-
23	Sugar	2,313	-	-	-	-	-
24	Salt	7,212	-	-	-	-	-
25	Beverages	1,698	-	-	-	-	-
26	Autos and parts	600	282	-	-	-	-
27	Paper	731	-	1,187	73,643	-	-
28	Wood pulp	-	-	-	7,094	-	-
29	Total	298,058	11,500	1,187	80,737	4,287	8,597
	FOREST PRODUCTS -						
30	Pulpwood	800	46,110	-	332,362	-	7,700
31	Logs, posts, poles, piling	2	-	-	45	-	-
32	Lbr., mill, cooperage stk.	-	-	-	-	-	-
33	Other forest products ..	-	-	-	-	-	-
34	Total	802	46,110	-	332,407	-	7,700
	MINE PRODUCTS						
35	Hard coal	-	-	-	-	-	-
36	Soft coal	814	-	-	-	167,156	50
37	Coke	-	13,800	-	-	2,000	-
38	Copper ore	-	-	-	-	-	-
39	Iron ore	-	-	-	12,005	-	579,139
40	Other ore	55	-	-	-	-	-
41	Sand, gravel & stone ...	18	41,560	-	7,200	-	-
42	Total	887	55,360	-	19,205	169,156	579,189
43	All other freight	256,329	31,883	1,548	582	5	5
44	GRAND TOTAL	557,156	1,575,498	2,735	1,029,656	173,448	680,933

Tons (2000 lbs.) of cargo.

SAULT STE. MARIE Canal during 1943

	U.S. to Canada		T o t a l		GRAND TOTAL		Compared with 1942	
	Up	Down	Up	Down	1943	1942	Increase	Decrease
1	14	-	20,158	20,124	40,282	42,311	-	2,029
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
2	-	-	-	323,641	323,641	79,453	244,188	-
3	-	-	-	-	-	15,022	-	15,022
4	-	-	-	172,130	172,130	43,164	128,966	-
5	-	-	-	5,678	5,678	15,274	-	9,596
6	-	-	-	36,931	36,931	29,187	7,744	-
7	-	-	-	1,344,879	1,344,879	854,832	490,047	-
8	-	-	210	-	210	155	55	-
9	-	-	875	125,972	126,847	223,897	-	97,050
10	-	-	-	103,421	103,421	222,489	-	119,068
11	-	-	15	-	15	132	-	117
12	-	-	-	-	-	30	-	30
13	-	-	1,100	2,112,652	2,113,752	1,483,635	630,117	-
14	-	-	-	160	160	203	-	43
15	-	-	-	-	-	1,737	-	1,737
16	-	-	-	160	160	1,940	-	1,780
17	10,592	-	174,768	3,355	178,123	108,386	69,737	-
18	-	-	118,675	6,585	125,260	71,734	53,526	-
19	-	-	558	-	558	2,342	-	1,784
20	-	-	-	-	-	145	-	145
21	-	-	1,618	8,597	10,215	18,762	-	8,547
22	-	-	4,744	1,278	6,022	31,284	-	25,262
23	-	-	2,313	-	2,313	2,031	282	-
24	5,000	-	12,212	-	12,212	13,190	-	978
25	-	-	1,698	-	1,698	6,382	-	4,684
26	6	-	606	282	888	1,651	-	763
27	7	-	1,925	73,643	75,568	94,211	-	18,643
28	-	-	-	7,094	7,094	13,498	-	6,404
29	15,605	-	319,117	100,834	419,951	363,616	56,335	-
30	-	-	800	386,172	386,972	253,756	133,216	-
31	-	-	2	45	47	849	-	802
32	-	-	-	-	-	194	-	194
33	-	-	-	-	-	91	-	91
34	-	-	802	386,217	387,019	254,890	132,129	-
35	-	-	-	-	-	18,050	-	18,050
36	496,769	-	664,739	50	664,789	263,413	401,376	-
37	4,843	-	6,843	13,800	20,643	39,800	-	19,157
38	-	-	-	-	-	5,968	-	5,968
39	-	13,393	-	604,537	604,537	128,192	476,345	-
40	-	-	55	-	55	35	20	-
41	-	-	18	48,760	48,778	89,616	-	40,838
42	501,612	13,393	671,655	667,147	1,338,802	545,074	793,728	-
43	18,757	-	276,639	52,470	309,109	388,312	-	79,203
44	535,974	13,393	1,269,313	3,299,480	4,568,793	3,037,467	1,531,326	-

Table 15 - Through and Way Traffic on the Welland Ship Canal during 1943

	COMMODITY		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
			UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers	No.	282	-	-	-	4	-
			Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>							
2	Barley	Tons	-	90,774	-	1,920	-	-
3	Corn	"	-	6,524	-	-	-	-
4	Oats	"	-	19,022	-	-	-	-
5	Rye	"	-	-	659	-	-	-
6	Flaxseed	"	-	14,477	-	-	-	2,792
7	Wheat	"	21,876	532,974	9,303	47,399	-	31,833
8	Other grains	"	-	-	-	-	170	-
9	Flour	"	193	28,773	-	-	-	-
10	Hay and Straw	"	-	-	-	-	-	-
11	Other mill products	"	-	1,198	-	-	-	-
12	Fruit and vegetables	"	-	-	-	-	-	-
13	Potatoes	"	-	-	-	-	-	-
14	Total	"	22,069	693,742	9,962	49,319	170	34,625
	<u>ANIMAL PRODUCTS -</u>							
15	Fish	"	-	-	-	-	-	-
16	Dressed meats	"	-	-	-	-	-	-
17	Other packing-house pds.	"	-	-	-	-	-	-
18	All other animal pds.	"	-	-	-	-	-	-
19	Total	"	-	-	-	-	-	-
	<u>MANUFACTURES AND MISC.</u>							
20	Gasoline	"	97,402	243,289	-	-	4,920	227,303
21	Petroleum & other oils	"	75,478	294,272	1,700	-	-	126,284
22	Agricultural implements	"	468	-	-	-	-	-
23	Cement, brick, plaster	"	5,174	18,327	-	-	-	16,012
24	Iron, pig and bloom	"	808	-	-	-	-	-
25	Iron and steel, other	"	2,254	2,089	5,900	-	-	-
26	Sugar	"	7,893	122	-	-	-	-
27	Salt	"	-	9,907	-	-	-	-
28	Beverages	"	2,342	2,411	409	-	-	-
29	Autos and parts	"	80	212	-	-	-	-
30	Paper	"	604	311	87,645	-	27,505	-
31	Wood pulp	"	-	-	1,418	-	11,661	-
32	Total	"	192,503	570,940	97,072	-	44,086	369,599
	<u>FOREST PRODUCTS -</u>							
33	Pulpwood	"	153,606	50,210	82,908	-	-	-
34	Logs-posts-poles-piling	"	-	-	-	-	-	-
35	Firewood	"	-	-	-	-	-	-
36	Lumber-mill-cooperage stk.	"	-	-	-	-	-	-
37	Other forest products	"	-	-	-	-	-	-
38	Total	"	153,606	50,210	82,908	-	-	-
	<u>MINE PRODUCTS -</u>							
39	Hard coal	"	-	-	-	-	11,381	-
40	Soft coal	"	5,539	-	551	-	-	64,487
41	Coke	"	-	2,100	-	-	-	-
42	Copper ore	"	-	-	-	-	-	-
43	Iron ore	"	-	-	-	-	-	-
44	Other ore	"	2,441	-	-	-	-	-
45	Sand, gravel & stone	"	27,695	75,282	-	-	-	-
46	Total	"	35,675	77,382	551	-	11,381	64,487
47	All other freight	"	140,423	43,714	11,940	-	2,000	60,413
48	GRAND TOTAL	"	544,276	1,435,988	202,433	49,319	57,637	529,124

Tons (2,000 lbs.) of cargo - Exclusive of 149 vessels of 65,098 net tons and 87 freight using the lock at Port Dalhousie.

	U.S. TO CANADA		TOTAL		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
1	-	-	286	-	286	348	-	62
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	92,694	92,694	63,661	29,033	-
3	-	-	-	6,524	6,524	115,345	-	108,821
4	-	-	-	19,022	19,022	14,922	4,100	-
5	-	-	659	-	659	2,547	-	1,888
6	-	-	-	17,269	17,269	11,445	5,824	-
7	-	-	31,179	612,206	643,385	428,393	214,992	-
8	-	-	170	-	170	2,880	-	2,710
9	-	-	195	28,773	28,966	76,769	-	47,803
10	-	-	-	-	-	-	-	-
11	-	-	-	1,198	1,198	1,160	38	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	32,201	777,686	809,887	717,122	92,765	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	227	-	227
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	227	-	227
20	-	59,560	102,322	530,152	632,474	620,834	11,640	-
21	-	1,257,120	77,178	1,657,676	1,734,854	1,927,633	-	192,779
22	-	-	468	-	468	2,597	-	2,129
23	-	-	5,174	34,339	39,513	117,057	-	77,544
24	-	7,072	808	7,072	7,880	7,845	35	-
25	-	1,273	8,154	3,362	11,516	37,741	-	26,225
26	-	-	7,893	122	8,015	7,455	560	-
27	-	101	-	10,008	10,008	25,056	-	15,048
28	-	-	2,751	2,411	5,162	6,686	-	1,524
29	-	-	80	212	292	56	236	-
30	-	-	115,754	311	116,065	183,547	-	67,482
31	-	-	13,079	-	13,079	17,363	-	4,284
32	-	1,305,126	333,661	2,245,665	2,579,326	2,953,870	-	374,544
33	-	-	236,514	50,210	286,724	420,651	-	133,927
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	30	-	30	30	1,400	-	1,370
37	-	-	-	-	-	-	-	-
38	-	30	236,514	50,240	286,754	422,051	-	135,297
39	-	-	11,381	-	11,381	14,141	-	2,760
40	6,180	4,413,947	12,270	4,478,434	4,490,704	4,813,629	-	322,925
41	-	70,173	-	72,273	72,273	118,473	-	46,200
42	-	-	-	-	-	3,281	-	3,281
43	-	1,230,498	-	1,230,498	1,230,498	1,459,541	-	229,043
44	-	162,112	2,441	162,112	164,553	106,622	57,931	-
45	600	91,180	28,295	166,462	194,757	189,219	5,538	-
46	6,780	5,967,910	54,387	6,109,779	6,164,166	6,704,906	-	540,740
47	-	17,373	154,363	121,500	275,863	309,945	-	34,082
48	6,780	7,290,439	811,126	9,304,370	10,115,996	11,108,121	-	992,125

Table 16 - Through traffic on the WELLAND Ship Canal during 1943

	COMMODITY		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
			UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers	No.	282	-	-	-	4	-
			Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>							
2	Barley	Tons	-	90,774	-	1,920	-	-
3	Corn	"	-	6,524	-	-	-	-
4	Oats	"	-	19,022	-	-	-	-
5	Rye	"	-	-	659	-	-	-
6	Flaxseed	"	-	14,477	-	-	-	2,792
7	Wheat	"	3,165	411,283	-	47,399	-	31,833
8	Other grains	"	-	-	-	-	170	-
9	Flour	"	-	28,773	-	-	-	-
10	Hay and Straw	"	-	-	-	-	-	-
11	Other mill products	"	-	1,198	-	-	-	-
12	Fruit and vegetables	"	-	-	-	-	-	-
13	Potatoes	"	-	-	-	-	-	-
14	Total	"	3,165	572,051	659	49,319	170	34,625
	<u>ANIMAL PRODUCTS -</u>							
15	Fish	"	-	-	-	-	-	-
16	Dressed meats	"	-	-	-	-	-	-
17	Other packing-house pds.	"	-	-	-	-	-	-
18	All other animal pds.	"	-	-	-	-	-	-
19	Total	"	-	-	-	-	-	-
	<u>MANUFACTURES AND MISC. -</u>							
20	Gasoline	"	78,567	224,589	-	-	4,920	227,303
21	Petroleum & other oils	"	67,455	240,586	1,700	-	-	126,284
22	Agricultural implements	"	468	-	-	-	-	-
23	Cement, brick, plaster	"	5,174	18,327	-	-	-	16,012
24	Iron, pig and bloom	"	768	-	-	-	-	-
25	Iron and steel, other	"	2,231	1,011	5,900	-	-	-
26	Sugar	"	7,436	-	-	-	-	-
27	Salt	"	-	9,907	-	-	-	-
28	Beverages	"	1,410	206	409	-	-	-
29	Autos and parts	"	50	212	-	-	-	-
30	Paper	"	394	-	25,415	-	27,505	-
31	Wood pulp	"	-	-	1,418	-	11,661	-
32	Total	"	163,953	494,838	34,842	-	44,086	369,599
	<u>FOREST PRODUCTS</u>							
33	Pulpwood	"	-	-	82,908	-	-	-
34	Logs-posts-poles-piling	"	-	-	-	-	-	-
35	Firewood	"	-	-	-	-	-	-
36	Lumber-mill-cooperage stk.	"	-	-	-	-	-	-
37	Other forest products	"	-	-	-	-	-	-
38	Total	"	-	-	82,908	-	-	-
	<u>MINE PRODUCTS -</u>							
39	Hard coal	"	-	-	-	-	11,381	-
40	Soft coal	"	-	-	-	-	-	64,487
41	Coke	"	-	2,100	-	-	-	-
42	Copper ore	"	-	-	-	-	-	-
43	Iron ore	"	-	-	-	-	-	-
44	Other ore	"	-	-	-	-	-	-
45	Sand, gravel & stone	"	3,615	-	-	-	-	-
46	Total	"	3,615	2,100	-	-	11,381	64,487
47	All other freight	"	130,937	34,715	11,940	-	2,000	60,413
48	GRAND TOTAL	"	301,670	1,103,704	130,349	49,319	57,637	529,124

	U.S. TO CANADA		T O T A L		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
1	-	-	286	-	286	348	-	62
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
2	-	-	-	92,694	92,694	63,661	29,033	-
3	-	-	-	6,524	6,524	102,101	-	95,577
4	-	-	-	19,022	19,022	14,922	4,100	-
5	-	-	659	-	659	2,547	-	1,888
6	-	-	-	17,269	17,269	11,445	5,824	-
7	-	-	3,165	490,515	493,680	320,086	173,594	-
8	-	-	170	-	170	2,880	-	2,710
9	-	-	-	28,773	28,773	73,142	-	44,369
10	-	-	-	-	-	-	-	-
11	-	-	-	1,198	1,198	1,160	38	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	3,994	655,995	659,989	591,944	68,045	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	227	-	227
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	227	-	227
20	-	59,560	83,487	511,452	594,939	591,779	3,160	-
21	-	1,237,120	69,155	1,603,990	1,673,145	1,875,793	-	202,648
22	-	-	468	-	468	2,597	-	2,129
23	-	-	5,174	34,339	39,513	117,017	-	77,504
24	-	7,072	768	7,072	7,840	7,780	60	-
25	-	1,273	8,131	2,284	10,415	21,662	-	11,247
26	-	-	7,436	-	7,436	7,247	189	-
27	-	101	-	10,008	10,008	25,056	-	15,048
28	-	-	1,819	206	2,025	3,335	-	1,310
29	-	-	50	212	262	50	212	-
30	-	-	53,314	-	53,314	75,535	-	22,221
31	-	-	13,079	-	13,079	13,713	-	634
32	-	1,305,126	242,881	2,169,563	2,412,444	2,741,564	-	329,120
33	-	-	82,908	-	82,908	136,514	-	53,606
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	1,400	-	1,400
37	-	-	-	-	-	-	-	-
38	-	-	82,908	-	82,908	137,914	-	55,006
39	-	-	11,381	-	11,381	14,141	-	2,760
40	-	4,065,238	-	4,129,725	4,129,725	4,282,578	-	152,853
41	-	64,462	-	66,562	66,562	98,942	-	32,380
42	-	-	-	-	-	3,281	-	3,281
43	-	1,230,498	-	1,230,498	1,230,498	1,459,541	-	229,043
44	-	159,726	-	159,726	159,726	106,622	53,104	-
45	-	38,909	3,615	38,909	42,524	40,649	1,876	-
46	-	5,553,833	14,996	5,625,420	5,640,416	6,005,753	-	365,337
47	-	8,877	144,877	104,005	248,882	262,847	-	13,965
48	-	6,872,836	489,656	8,554,983	9,044,639	9,740,249	-	695,610

Table 17 - Way Traffic on the WELLAND SHIP Canal during 1943

COMMODITY		CANADA TO CANADA		CANADA TO U.S.		U.S. TO U.S.	
		UP	DOWN	UP	DOWN	UP	DOWN
1	Passengers	No.	-	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
<u>AGRICULTURAL PRODUCTS -</u>							
2	Barley	Tons	-	-	-	-	-
3	Corn	"	-	-	-	-	-
4	Oats	"	-	-	-	-	-
5	Rye	"	-	-	-	-	-
6	Flaxseed	"	-	-	-	-	-
7	Wheat	"	18,711	121,691	9,303	-	-
8	Other grains	"	-	-	-	-	-
9	Flour	"	193	-	-	-	-
10	Hay and Straw	"	-	-	-	-	-
11	Other mill products	"	-	-	-	-	-
12	Fruit and vegetables	"	-	-	-	-	-
13	Potatoes	"	-	-	-	-	-
14	Total	"	18,904	121,691	9,303	-	-
<u>ANIMAL PRODUCTS</u>							
15	Fish	"	-	-	-	-	-
16	Dressed meats	"	-	-	-	-	-
17	Other-packing-house pds.	"	-	-	-	-	-
18	All other animal pds.	"	-	-	-	-	-
19	Total	"	-	-	-	-	-
<u>MANUFACTURES AND MISC.</u>							
20	Gasoline	"	18,835	18,700	-	-	-
21	Petroleum & other oils	"	8,023	53,686	-	-	-
22	Agricultural implements	"	-	-	-	-	-
23	Cement, brick, plaster	"	-	-	-	-	-
24	Iron, pig and bloom	"	40	-	-	-	-
25	Iron and steel, other	"	23	1,078	-	-	-
26	Sugar	"	457	122	-	-	-
27	Salt	"	-	-	-	-	-
28	Beverages	"	932	2,205	-	-	-
29	Autos and parts	"	30	-	-	-	-
30	Paper	"	210	311	62,230	-	-
31	Wood pulp	"	-	-	-	-	-
32	Total	"	28,550	76,102	62,230	-	-
<u>FOREST PRODUCTS</u>							
33	Pulpwood	"	153,606	50,210	-	-	-
34	Logs-posts-poles-piling	"	-	-	-	-	-
35	Firewood	"	-	-	-	-	-
36	Lumber-mill-cooperage stck.	"	-	-	-	-	-
37	Other forest products	"	-	-	-	-	-
38	Total	"	153,606	50,210	-	-	-
<u>MINE PRODUCTS</u>							
39	Hard coal	"	-	-	-	-	-
40	Soft coal	"	5,539	-	551	-	-
41	Coke	"	-	-	-	-	-
42	Copper ore	"	-	-	-	-	-
43	Iron ore	"	-	-	-	-	-
44	Other ore	"	2,441	-	-	-	-
45	Sand, gravel & stone	"	24,080	75,282	-	-	-
46	Total	"	32,060	75,282	551	-	-
47	All other freight	"	9,486	8,999	-	-	-
48	GRAND TOTAL	"	242,606	332,284	72,084	-	-

	U.S. TO CANADA		TOTAL		GRAND TOTAL		COMPARED WITH 1942	
	UP	DOWN	UP	DOWN	1943	1942	INCREASE	DECREASE
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	13,244	-	13,244
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	28,014	121,691	149,705	108,307	41,398	-
8	-	-	-	-	-	-	-	-
9	-	-	193	-	193	3,627	-	3,434
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	28,207	121,691	149,898	125,178	24,720	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	18,835	18,700	37,535	29,055	8,480	-
21	-	-	8,023	53,686	61,709	51,840	9,869	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	40	-	40
24	-	-	40	-	40	65	-	25
25	-	-	23	1,078	1,101	16,079	-	14,978
26	-	-	457	122	579	208	371	-
27	-	-	-	-	-	-	-	-
28	-	-	932	2,205	3,137	3,351	-	214
29	-	-	30	-	30	6	24	-
30	-	-	62,440	311	62,751	108,012	-	45,261
31	-	-	-	-	-	3,650	-	3,650
32	-	-	90,780	76,102	166,882	212,306	-	45,424
33	-	-	153,606	50,210	203,816	284,137	-	80,321
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	30	-	30	30	-	30	-
37	-	-	-	-	-	-	-	-
38	-	30	153,606	50,240	203,846	284,137	-	80,291
39	-	-	-	-	-	-	-	-
40	6,180	348,709	12,270	348,709	360,979	531,051	-	170,072
41	-	5,711	-	5,711	5,711	19,531	-	13,820
42	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-
44	-	2,386	2,441	2,386	4,827	-	4,827	-
45	600	52,271	24,680	127,553	152,233	148,571	3,662	-
46	6,780	409,077	39,391	484,359	523,750	699,153	-	175,403
47	-	8,496	9,486	17,495	26,981	47,098	-	20,117
48	6,780	417,603	321,470	749,887	1,071,357	1,367,872	-	296,515

Table 18 - Through and Way Traffic on the

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers - Number...	-	12,438	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>						
2	Barley	-	11,081	-	-	-	-
3	Corn	-	11,993	-	-	-	-
4	Oats	-	220	-	-	-	-
5	Wheat	-	192,488	-	-	-	-
6	Flour	-	10,699	-	-	-	-
7	Hay and Straw	-	1,137	-	-	-	-
8	Other mill products ..	-	10	-	-	-	-
9	Fruit & vegetables ...	-	-	-	-	-	-
10	Total	-	227,628	-	-	-	-
	<u>ANIMAL PRODUCTS-</u>						
11	Fish	-	-	-	-	-	-
12	Other packing-house pds.	-	250	-	-	-	-
13	All other animal pds.	22	5,286	-	-	-	-
14	Total	22	5,536	-	-	-	-
	<u>MANUFACTURES AND MISC. -</u>						
15	Gasoline	188,186	42,833	-	-	-	-
16	Petroleum & other oils	113,157	210,981	2,359	-	-	-
17	Agricultural implements	-	328	-	-	-	-
18	Cement, brick, plaster	9	26,650	-	90	-	-
19	Iron, pig and bloom ..	-	77	-	-	-	-
20	Iron and steel, other	81	10,691	-	-	-	450
21	Sugar	27,913	2	-	-	-	-
22	Salt	-	9,891	-	-	-	-
23	Beverages	3,344	2,826	409	96	-	-
24	Autos and parts	117	521	-	-	-	-
25	Paper	445	334	149,944	8,342	37,798	-
26	Wood pulp	-	-	9,478	-	10,616	-
27	Total	333,252	305,134	162,190	8,528	48,414	450
	<u>FOREST PRODUCTS -</u>						
28	Pulpwood	168,589	-	127,932	-	1,600	-
29	Logs-posts-poles-piling	-	-	-	-	-	-
30	Firewood	-	40	-	-	-	-
31	Lbr.-mill-cooperage stk.	30,006	25	-	-	-	-
32	Other forest products	64	20	-	-	-	-
33	Total	198,659	85	127,932	-	1,600	-
	<u>MINE PRODUCTS -</u>						
34	Hard coal	-	-	-	-	-	-
35	Soft coal	1,247	600	-	-	-	13,995
36	Coke	-	-	-	-	-	-
37	Copper ore	-	-	-	-	-	-
38	Iron ore	-	-	-	-	-	-
39	Other ore	-	-	1,300	-	-	-
40	Sand, gravel & stone...	3,525	189,980	-	-	-	-
41	Total	4,772	190,580	1,300	-	-	13,995
42	All other freight	91,076	171,842	9,312	1,070	-	-
43	GRAND TOTAL	627,781	900,805	300,734	9,598	50,014	14,445

Number of pleasure craft lockages in 1943 through 22 locks = 159.

ST. LAWRENCE Canals during 1943

	U.S. to Canada		T o t a l		GRAND TOTAL		Compered with 1942	
	Up	Down	Up	Down	1943	1942	Increase	Decrease
1	-	-	-	12,438	12,438	10,438	2,000	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
2	-	-	-	11,081	11,081	10,540	541	
3	-	-	-	11,993	11,993	62,321	-	50,328
4	-	-	-	220	220	165	55	-
5	-	-	-	192,488	192,488	154,663	37,825	-
6	-	-	-	10,699	10,699	45,092	-	34,393
7	-	-	-	1,137	1,137	936	201	-
8	-	-	-	10	10	1,317	-	1,307
9	-	-	-	-	-	35	-	35
10	-	-	-	227,628	227,628	275,069	-	47,441
11	-	-	-	-	-	412	-	412
12	-	76	-	326	326	292	34	-
13	-	-	22	5,286	5,308	6,797	-	1,489
14	-	76	22	5,612	5,634	7,501	-	1,867
15	-	28,849	188,186	71,682	259,868	357,354	-	97,486
16	159	189,896	115,675	400,877	516,552	642,841	-	126,289
17	-	-	-	328	328	3,296	-	2,968
18	-	-	9	26,740	26,749	31,830	-	5,081
19	-	800	-	877	877	2,386	-	1,509
20	-	823	81	11,964	12,045	23,198	-	11,153
21	-	-	27,913	2	27,915	35,426	-	7,511
22	-	101	-	9,992	9,992	24,208	-	14,216
23	-	-	3,753	2,922	6,675	8,097	-	1,422
24	-	-	117	521	638	92	546	-
25	-	27	188,187	8,703	196,890	207,509	-	10,619
26	-	-	20,094	-	20,094	22,045	-	1,951
27	159	220,496	544,015	534,608	1,078,623	1,358,282	-	279,659
28	-	-	298,121	-	298,121	492,964	-	194,843
29	-	-	-	-	-	25	-	25
30	-	-	-	40	40	850	-	810
31	-	-	30,006	25	30,031	49,429	-	19,398
32	-	-	64	20	84	-	84	-
33	-	-	328,191	85	328,276	543,268	-	214,992
34	-	36,331	-	36,331	36,331	139,763	-	103,432
35	-	3,470,298	1,247	3,484,893	3,486,140	2,885,434	600,706	-
36	-	6,053	-	6,053	6,053	34,403	-	28,350
37	-	-	-	-	-	3,249	-	3,249
38	-	-	-	-	-	8,209	-	8,209
39	-	500,841	1,300	500,841	502,141	314,501	187,640	-
40	-	-	3,525	189,980	193,505	249,825	-	56,320
41	-	4,013,523	6,072	4,218,098	4,224,170	3,635,384	588,786	-
42	7,354	3,039	107,742	175,951	283,693	343,077	-	59,384
43	7,513	4,237,134	986,042	5,161,982	6,148,024	6,162,581	-	14,557

Tons (2,000 lbs.) of cargo.

Table 19 - Through Traffic on the

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers - Number	-	-	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>						
2	Barley	-	11,081	-	-	-	-
3	Wheat	-	192,318	-	-	-	-
4	Flour	-	10,550	-	-	-	-
5	Other mill products	-	-	-	-	-	-
6	Total	-	213,949	-	-	-	-
	<u>ANIMAL PRODUCTS -</u>						
7	Other packing house pds.	-	250	-	-	-	-
8	All other animal pds.	-	5,286	-	-	-	-
9	Total	-	5,536	-	-	-	-
	<u>MANUFACTURES AND MISC. -</u>						
10	Gasoline	142,399	38,468	-	-	-	-
11	Petroleum & other oils ...	65,045	209,386	2,359	-	-	-
12	Agricultural implements ..	-	323	-	-	-	-
13	Cement, brick, plaster ...	-	25,645	-	-	-	-
14	Iron, pig and bloom	-	72	-	-	-	-
15	Iron and steel, other	-	10,629	-	-	-	450
16	Sugar	27,913	2	-	-	-	-
17	Salt	-	9,713	-	-	-	-
18	Beverages	3,344	2,488	409	-	-	-
19	Autos and parts	117	348	-	-	-	-
20	Paper	-	334	149,944	-	57,798	-
21	Wood pulp	-	-	9,478	-	10,616	-
22	Total	238,818	297,408	162,190	-	48,414	450
	<u>FOREST PRODUCTS</u>						
23	Pulpwood	155,989	-	82,908	-	1,600	-
24	Total	155,989	-	82,908	-	1,600	-
	<u>MINE PRODUCTS</u>						
25	Hard coal	-	-	-	-	-	-
26	Soft coal	-	-	-	-	-	13,995
27	Coke	-	-	-	-	-	-
28	Copper ore	-	-	-	-	-	-
29	Iron ore	-	-	-	-	-	-
30	Other ore	-	-	1,300	-	-	-
31	Sand, gravel & stone	-	-	-	-	-	-
32	Total	-	-	1,300	-	-	13,995
33	All other freight	79,847	127,512	8,050	-	-	-
34	GRAND TOTAL	474,654	644,405	254,448	-	50,014	14,445

ST. LAWRENCE Canals during 1943

	U.S. to Canada		T o t a l		GRAND TOTAL		Compered with 1942	
	Up	Down	Up	Down	1943	1942	Increase	Decrease
1	-	-	-	-	-	11	-	11
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
2	-	-	-	11,081	11,081	10,540	541	-
3	-	-	-	192,318	192,318	154,663	37,655	-
4	-	-	-	10,550	10,550	45,058	-	34,508
5	-	-	-	-	-	1,160	-	1,160
6	-	-	-	213,949	213,949	211,421	2,528	-
7	-	76	-	326	326	202	124	-
8	-	-	-	5,286	5,286	6,797	-	1,511
9	-	76	-	5,612	5,612	6,999	-	1,387
10	-	28,849	142,399	67,317	209,716	301,144	-	91,428
11	-	189,896	67,404	399,282	466,686	612,826	-	146,140
12	-	-	-	323	323	3,296	-	2,973
13	-	-	-	25,645	25,645	31,598	-	5,953
14	-	800	-	872	872	2,266	-	1,394
15	-	823	-	11,902	11,902	22,962	-	11,060
16	-	-	27,913	2	27,915	34,841	-	6,926
17	-	101	-	9,814	9,814	17,454	-	7,640
18	-	-	3,753	2,488	6,241	7,794	-	1,553
19	-	-	117	348	465	92	373	-
20	-	27	187,742	361	188,103	196,662	-	8,559
21	-	-	20,094	-	20,094	22,045	-	1,951
22	-	220,496	449,422	518,354	967,776	1,252,980	-	285,204
23	-	-	240,497	-	240,497	424,866	-	184,369
24	-	-	240,497	-	240,497	424,866	-	184,369
25	-	30,796	-	30,796	30,796	133,147	-	102,351
26	-	3,297,886	-	3,311,881	3,311,881	2,639,612	672,269	-
27	-	6,053	-	6,053	6,053	34,383	-	28,330
28	-	-	-	-	-	3,249	-	3,249
29	-	-	-	-	-	8,209	-	8,209
30	-	500,841	1,300	500,841	502,141	511,901	190,240	-
31	-	-	-	-	-	397	-	397
32	-	3,835,576	1,500	3,849,571	3,850,871	3,130,898	719,973	-
33	-	3,014	87,897	130,526	218,423	254,077	-	35,654
34	-	4,059,162	779,116	4,718,012	5,497,128	5,281,241	215,887	-

Table 20 - Way Traffic on the

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers - Number	-	12,438	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>						
2	Corn	-	11,993	-	-	-	-
3	Oats	-	220	-	-	-	-
4	Wheat	-	170	-	-	-	-
5	Flour	-	149	-	-	-	-
6	Hay and Straw	-	1,137	-	-	-	-
7	Other mill products ..	-	10	-	-	-	-
8	Fruit & vegetables ...	-	-	-	-	-	-
9	Total	-	13,679	-	-	-	-
	<u>ANIMAL PRODUCTS -</u>						
10	Fish	-	-	-	-	-	-
11	Other packing-house pds.	-	-	-	-	-	-
12	All other animal pds.	22	-	-	-	-	-
13	Total	22	-	-	-	-	-
	<u>MANUFACTURES AND MISC. -</u>						
14	Gasoline	45,787	4,365	-	-	-	-
15	Petroleum & other oils	48,112	1,595	-	-	-	-
16	Agricultural implements	-	5	-	-	-	-
17	Cement, brick, plaster..	9	1,005	-	90	-	-
18	Iron, pig and bloom ..	-	5	-	-	-	-
19	Iron and steel, other	81	62	-	-	-	-
20	Sugar	-	-	-	-	-	-
21	Salt	-	178	-	-	-	-
22	Beverages	-	338	-	96	-	-
23	Autos and parts	-	173	-	-	-	-
24	Paper	445	-	-	8,342	-	-
25	Total	94,434	7,726	-	8,528	-	-
	<u>FOREST PRODUCTS -</u>						
26	Pulpwood	12,600	-	45,024	-	-	-
27	Logs, posts, poles, piling	-	-	-	-	-	-
28	Firewood	-	40	-	-	-	-
29	Lbr., mill, cooperage stk.	30,006	25	-	-	-	-
30	Other forest products	64	20	-	-	-	-
31	Total	42,670	85	45,024	-	-	-
	<u>MINE PRODUCTS -</u>						
32	Hard coal	-	-	-	-	-	-
33	Soft coal	1,247	600	-	-	-	-
34	Coke	-	-	-	-	-	-
35	Other ore	-	-	-	-	-	-
36	Sand, gravel & stone	3,525	189,980	-	-	-	-
37	Total	4,772	190,580	-	-	-	-
38	All other freight	11,229	44,330	1,262	1,070	-	-
39	GRAND TOTAL	153,127	256,400	46,286	9,598	-	-

ST. LAWRENCE Canals during 1943.

	U.S. to Canada		T o t a l		GRAND TOTAL		Compared with 1942	
	Up	Down	Up	Down	1943	1942	Increase	Decrease
1	-	-	-	12,438	12,438	10,427	2,011	-
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
2	-	-	-	11,993	11,993	62,321	-	50,328
3	-	-	-	220	220	165	55	-
4	-	-	-	170	170	-	170	-
5	-	-	-	149	149	34	115	-
6	-	-	-	1,137	1,137	936	201	-
7	-	-	-	10	10	157	-	147
8	-	-	-	-	-	35	-	35
9	-	-	-	13,679	13,679	63,648	-	49,969
10	-	-	-	-	-	412	-	412
11	-	-	-	-	-	90	-	90
12	-	-	22	-	22	-	22	-
13	-	-	22	-	22	502	-	480
14	-	-	45,787	4,365	50,152	56,210	-	6,058
15	159	-	48,271	1,595	49,866	30,015	19,851	-
16	-	-	-	5	5	-	5	-
17	-	-	9	1,095	1,104	232	872	-
18	-	-	-	5	5	120	-	115
19	-	-	81	62	143	236	-	93
20	-	-	-	-	-	585	-	585
21	-	-	-	178	178	6,754	-	6,576
22	-	-	-	434	434	303	131	-
23	-	-	-	173	173	-	173	-
24	-	-	445	8,342	8,787	10,847	-	2,060
25	159	-	94,593	16,254	110,847	105,302	5,545	-
26	-	-	57,624	-	57,624	68,098	-	10,474
27	-	-	-	-	-	25	-	25
28	-	-	-	40	40	850	-	810
29	-	-	30,006	25	30,031	49,429	-	19,398
30	-	-	64	20	84	-	84	-
31	-	-	87,694	85	87,779	118,402	-	30,623
32	-	5,535	-	5,535	5,535	6,616	-	1,081
33	-	172,412	1,247	173,012	174,259	245,822	-	71,563
34	-	-	-	-	-	20	-	20
35	-	-	-	-	-	2,600	-	2,600
36	-	-	3,525	189,980	193,505	249,428	-	55,923
37	-	177,947	4,772	368,527	373,299	504,486	-	131,187
38	7,354	25	19,845	45,425	65,270	89,000	-	23,730
39	7,513	177,972	206,926	443,970	650,896	881,340	-	230,444

Table 21 - Traffic on the RICHELIEU

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers - Number	-	-	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>	-	-	-	-	-	-
	<u>ANIMAL PRODUCTS -</u>						
2	Fish	-	-	-	-	-	-
3	Total	-	-	-	-	-	-
	<u>MANUFACTURES AND MISC. -</u>						
4	Sugar	-	-	-	-	-	-
5	Paper	216	-	28,712	-	-	-
6	Total	216	-	28,712	-	-	-
	<u>FOREST PRODUCTS -</u>						
	<u>MINE PRODUCTS</u>						
7	Other ore	-	-	-	-	-	-
8	Sand, gravel and stone ..	-	-	-	-	-	-
9	Total	-	-	-	-	-	-
10	All other freight	156	875	23	-	-	-
11	GRAND TOTAL	372	875	28,735	-	-	-

Number of pleasure craft lockages in 1943 through 10 locks = 65.
Tons (2,000 lbs.) of cargo.

Table 22 - Traffic on the OTTAWA

	<u>MANUFACTURES AND MISC. -</u>						
1	Gasoline	29,820	-	-	-	-	-
2	Petroleum and other oils	13,510	-	-	-	-	-
3	Paper	-	-	-	8,342	-	-
4	Total	43,330	-	-	8,342	-	-
	<u>FOREST PRODUCTS</u>						
5	Pulpwood	175	-	-	-	-	-
6	Logs, posts, poles, piling..	935	19	-	-	-	-
7	Total	1,110	19	-	-	-	-
	<u>MINE PRODUCTS</u>						
8	Soft coal	715	-	-	-	-	-
9	Sand, gravel and stone ..	-	186,600	-	-	-	-
10	Total	715	186,600	-	-	-	-
11	All other freight	-	-	-	-	-	-
12	GRAND TOTAL	45,155	186,619	-	8,342	-	-

Number of pleasure craft lockages in 1943 through 8 locks = 1,143
Tons (2,000 lbs.) of cargo.

RIVER Canals during 1943.

	U.S. to Canada		T o t a l		GRAND TOTAL		Compared with 1942	
	Up	Down	Up	Down	1943	1942	Increase	Decrease
1	-	-	-	-	-	17		17
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
	-	-	-	-	-	-	-	-
2	-	-	-	-	-	25	-	25
	-	-	-	-	-	25	-	25
3								
4	-	-	-	-	-	450	-	450
5	-	-	28,928	-	28,928	32,379	-	3,451
6	-	-	28,928	-	28,928	32,829	-	3,901
	-	-	-	-	-	-	-	-
7	-	-	-	-	-	2,740	-	2,740
8	-	7,192	-	7,192	7,192	7,299	-	107
9	-	7,192	-	7,192	7,192	10,039	-	2,847
10	-	23,930	179	24,805	24,984	23,102	1,882	-
11	-	31,122	29,107	31,997	61,104	65,995	-	4,891

The Richelieu River Canals include the St. Ours Lock and the Chambly Canal.

RIVER Canals during 1943.

1	-	-	29,820	-	29,820	31,942	-	2,122
2	-	-	13,510	-	13,510	4,445	9,065	-
3	-	-	-	8,342	8,342	9,774	-	1,432
4	-	-	43,330	8,342	51,672	46,161	5,511	-
5	-	-	175	-	175	480	-	305
6	-	-	935	19	954	59	895	-
7	-	-	1,110	19	1,129	539	590	-
8	-	-	715	-	715	1,341	-	626
9	-	-	-	186,600	186,600	241,500	-	54,900
10	-	-	715	186,600	187,315	242,841	-	55,526
11	380	-	380	-	380	429	-	49
12	380	-	45,535	194,961	240,496	289,970	-	49,474

Ottawa River Canals include the Ste. Anne Lock and the Carillon and Grenville Canals.

Table 23 - Traffic on the ST. PETERS

	Commodity	Canada to Canada		Canada to U.S.		U.S. to U.S.	
		Up	Down	Up	Down	Up	Down
1	Passengers - Number	72	67	-	-	-	-
		Tons	Tons	Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>						
2	Flour	-	3	600	-	-	-
3	Hay and Straw	-	-	7	-	-	-
4	Other mill products	-	-	-	-	-	-
5	Fruit and vegetables ...	93	-	110	-	-	-
6	Potatoes	2,081	92	332	-	-	-
7	Total	2,174	95	1,049	-	-	-
	<u>ANIMAL PRODUCTS -</u>						
8	Fish	8	1,030	-	-	-	-
9	Dressed meats	-	-	139	-	-	-
10	All other animal products	-	-	-	-	-	-
11	Total	8	1,030	139	-	-	-
	<u>MANUFACTURES AND MISC. -</u>						
12	Gasoline	5,480	160	-	-	-	-
13	Petroleum & other oils..	1,348	2	-	-	-	-
14	Cement, brick, plaster..	10	-	340	-	-	-
15	Iron and steel, other ..	1	-	-	-	-	-
16	Sugar	-	-	-	-	-	-
17	Salt	-	7	180	-	-	-
18	Beverages	-	-	-	-	-	-
19	Autos and parts	-	-	14	-	-	-
20	Paper	-	-	-	-	-	2,837
21	Wood pulp	-	-	-	-	-	-
22	Total	6,839	169	534	-	-	2,837
	<u>FOREST PRODUCTS -</u>						
23	Pulpwood	-	1	-	-	-	-
24	Logs, posts, poles, piling	-	2	-	-	-	-
25	Firewood	9	96	-	-	-	-
26	Lumber, mill, cooperage stock	103	5	101	-	-	-
27	Total	112	104	101	-	-	-
	<u>MINE PRODUCTS -</u>						
28	Hard coal	70	-	-	-	-	-
29	Soft coal	-	251,288	67	-	-	-
30	Coke	-	265	-	-	-	-
31	Other ore	-	-	-	-	-	-
32	Sand, gravel and stone	230	-	-	-	-	-
33	Total	300	251,553	67	-	-	-
34	All other freight	2,947	9,147	4,407	-	-	83
35	GRAND TOTAL	12,380	262,098	6,297	-	-	2,920

Number of pleasure craft lockages in 1943 through lock - none.
Tons (2,000 lbs.) of cargo.

Canal during 1943.

	U.S. to Canada		T o t a l		GRAND TOTAL		Compared with 1942	
	Up	Down	Up	Down	1945	1942	Increase	Decrease
1	-	-	72	67	139	218	-	79
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
2	-	-	600	3	603	243	360	-
3	-	-	7	-	7	71	-	64
4	-	-	-	-	-	60	-	60
5	-	-	203	-	203	533	-	330
6	-	-	2,413	92	2,505	3,253	-	748
7	-	-	3,223	95	3,318	4,160	-	842
8	-	-	8	1,030	1,038	748	290	-
9	-	-	139	-	139	-	139	-
10	-	-	-	-	-	117	-	117
11	-	-	147	1,030	1,177	865	312	
12	-	-	5,480	160	5,640	4,626	1,014	-
13	-	-	1,348	2	1,350	1,726	-	376
14	-	-	350	-	350	3,034	-	2,684
15	-	-	1	-	1	381	-	380
16	-	-	-	-	-	1,200	-	1,200
17	-	-	180	7	187	557	-	370
18	-	-	-	-	-	200	-	200
19	-	-	14	-	14	-	14	-
20	-	3,315	-	6,150	6,150	8,984	-	2,834
21	-	-	-	-	-	854	-	854
22	-	3,313	7,373	6,319	13,692	21,562	-	7,870
23	-	-	-	1	1	2	-	1
24	-	-	-	2	2	8	-	6
25	-	-	9	96	105	175	-	70
26	-	-	204	5	209	634	-	425
27	-	-	213	104	317	819	-	502
28	-	-	70	-	70	9	61	-
29	-	-	67	251,288	251,355	141,043	110,312	-
30	-	-	-	265	265	709	-	444
31	-	-	-	-	-	4,877	-	4,877
32	1,090	-	1,320	-	1,320	233	1,087	-
33	1,090	-	1,457	251,553	253,010	146,871	106,139	-
34	-	45	7,354	9,275	16,629	9,442	7,137	-
35	1,090	3,358	19,767	268,376	288,143	183,719	104,424	-

Note: In addition to the above, 186 fishing boats, carrying a cargo of 49 tons passed through the St. Peter's Canal in 1943.

Table 24 - Traffic on the

	Commodity	Canada to Canada		U.S. to Canada	
		Up	Down	Up	Down
1	Passengers - Number	8	27	-	34
		Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>	-	-	-	-
	<u>ANIMAL PRODUCTS -</u>	-	-	-	-
	<u>MANUFACTURES AND MISC. -</u>	-	-	-	-
2	Gasoline	2,250	-	-	-
3	Total	2,250	-	-	-
	<u>FOREST PRODUCTS -</u>	-	-	-	-
	<u>MINE PRODUCTS -</u>	-	-	-	-
4	Soft coal	-	-	-	2,061
5	Total	-	-	-	2,061
6	All other freight	12	22	-	-
7	GRAND TOTAL	2,262	22	-	2,061

Number of pleasure craft lockages in 1943 through canal = 262

Table 25 - Traffic on the

1	Passengers - Number	1,825	2,165	-	-
		Tons	Tons	Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>				
2	Oats	-	34	-	-
3	Flour	-	404	-	-
4	Hay and Straw	-	157	-	-
5	Other mill products	-	8	-	-
6	Fruit and vegetables	5	77	-	-
7	Potatoes	-	1	-	-
8	Total	5	681	-	-
	<u>ANIMAL PRODUCTS -</u>				
9	Fish	2,348	-	-	-
10	Dressed meats	-	19	-	-
11	Other packing-house products	-	-	-	-
12	All other animal products	1	-	-	-
13	Total	2,349	19	-	-
	<u>MANUFACTURES AND MISC. -</u>				
14	Gasoline	5	688	-	-
15	Petroleum & other oils	3	37	-	-
16	Agricultural implements	-	-	-	-
17	Cement, brick, plaster	-	211	-	-
18	Iron, pig and bloom	-	-	-	-
19	Iron and steel, other	16	150	-	-
20	Sugar	-	-	-	-
21	Beverages	-	36	-	-
22	Autos and parts	10	12	-	-
23	Total	34	1,134	-	-
	<u>FOREST PRODUCTS -</u>				
24	Pulpwood	-	-	-	-
25	Firewood	1,180	-	-	-
26	Lumber, mill, cooperage stk. ...	5,477	19	-	-
27	Other forest products	-	-	-	-
28	Total	6,657	19	-	-
	<u>MINE PRODUCTS -</u>				
29	Soft coal	25	178	-	-
30	Total	25	178	-	-
31	All other freight	101	1,975	-	-
32	GRAND TOTAL	9,171	4,006	-	-

Number of pleasure craft lockages through locks in 1943 = 118.

MURRAY CANAL during 1943.

	T o t a l		GRAND TOTAL		Compared with 1942	
	Up	Down	1943	1942	Increase	Decrease
1	8	61	69	559	-	490
	Tons	Tons	Tons	Tons	Tons	Tons
	-	-	-	-	-	-
	-	-	-	-	-	-
2	2,250	-	2,250	2,995	-	745
3	2,250	-	2,250	2,995	-	745
	-	-	-	-	-	-
4	-	2,061	2,061	-	2,061	-
5	-	2,061	2,061	-	2,061	-
6	12	22	34	50	-	16
7	2,262	2,085	4,345	3,045	1,300	-

Tons (2,000 lbs.) of cargo.

ST. ANDREWS Canal during 1943.

1	1,825	2,165	3,990	4,194	-	204
	Tons	Tons	Tons	Tons	Tons	
2	-	34	34	81	-	47
3	-	404	404	257	147	-
4	-	157	157	94	63	-
5	-	8	8	-	8	-
6	5	77	82	37	45	-
7	-	1	1	7	-	6
8	5	681	686	476	210	-
9	2,348	-	2,348	2,678	-	330
10	-	19	19	23	-	4
11	-	-	-	4	-	4
12	1	-	1	9	-	8
13	2,349	19	2,368	2,714	-	346
14	5	686	693	915	-	222
15	3	37	40	116	-	76
16	-	-	-	1	-	1
17	-	211	211	224	-	13
18	-	-	-	25	-	25
19	16	150	166	295	-	129
20	-	-	-	5	-	5
21	-	36	36	87	-	51
22	10	12	22	29	-	7
23	34	1,134	1,168	1,697	-	529
24	-	-	-	32	-	32
25	1,180	-	1,180	2,224	-	1,044
26	5,477	19	5,496	7,982	-	2,486
27	-	-	-	5	-	5
28	6,657	19	6,676	10,243	-	3,567
29	25	178	203	370	-	167
30	25	178	203	370	-	167
31	101	1,975	2,076	2,704	-	628
32	9,171	4,006	13,177	18,204	-	5,027

Tons (2,000 lbs.) of cargo.

Table 26 - Traffic on the

	Commodity	Canada to Canada	
		Up	Down
1	Passengers - Number	4	5
		Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>	-	-
	<u>ANIMAL PRODUCTS -</u>	-	-
	<u>MANUFACTURES AND MISC. -</u>		
2	Gasoline	3	-
3	Petroleum and other oils	7	-
4	Cement, brick, plaster	157	1
5	Iron and steel, other	5	-
6	Total	172	1
	<u>FOREST PRODUCTS -</u>		
7	Logs, posts, poles, piling	1	-
8	Firewood	-	-
9	Lumber, mill, cooperage stk. ..	258	-
10	Other forest products	10	-
11	Total	269	-
	<u>MINE PRODUCTS -</u>		
12	Hard coal	-	2
13	Soft coal	70	138
14	Sand, gravel and stone	42	821
15	Total	112	961
16	All other freight	16	20
17	GRAND TOTAL	569	982

Number of pleasure craft lockages in 1945 through locks = 6,596

Table 27 - Traffic on the

1	Passengers - Number	7,081	7,854
		Tons	Tons
	<u>AGRICULTURAL PRODUCTS -</u>		
2	Oats	-	6
3	Flour	-	2
4	Hay and Straw	-	16
5	Other mill products	-	2
6	Fruit and vegetables	15	3
7	Potatoes	-	-
8	Total	15	29
	<u>ANIMAL PRODUCTS -</u>		
9	Other packing-house products ..	1	-
10	Total	1	-
	<u>MANUFACTURES AND MISC. -</u>		
11	Gasoline	17	65
12	Petroleum and other oils	18	19
13	Cement, brick, plaster	-	-
14	Iron, pig and bloom	2	-
15	Iron and steel, other	25	60
16	Sugar	1	-
17	Beverages	9	3
18	Total	72	147
	<u>FOREST PRODUCTS -</u>		
19	Logs, posts, poles, piling	88	68
20	Firewood	24	12
21	Lumber, mill, cooperage stk. ..	111	8
22	Other forest products	-	-
23	Total	223	88
	<u>MINE PRODUCTS -</u>		
24	Hard coal	-	-
25	Soft coal	-	-
26	Other ore	-	33,683
27	Sand, gravel and stone	-	-
28	Total	-	33,683
29	All other freight	128	179
30	GRAND TOTAL	439	34,126

Number of pleasure craft lockages in 1945 through 44 locks and over

RIDEAU Canal during 1943.

	T o t a l		GRAND TOTAL		Compared with 1942	
	Up	Down	1943	1942	Increase	Decrease
1	4	5	9	1,724	-	1,715
	Tons	Tons	Tons	Tons	Tons	Tons
	-	-	-	-	-	-
	-	-	-	-	-	-
2	3	-	3	1	2	-
3	7	-	7	7	-	-
4	157	1	158	137	21	-
5	5	-	5	8	-	3
6	172	1	173	153	20	-
7	1	-	1	278	-	277
8	-	-	-	10	-	10
9	258	-	258	157	101	-
10	10	-	10	-	10	-
11	269	-	269	445	-	176
12	-	2	2	18	-	16
13	70	138	208	73	135	-
14	42	821	863	453	410	-
15	112	961	1,073	544	529	-
16	16	20	36	585	-	549
17	569	982	1,551	1,727	-	176

Tons (2,000 lbs.) of cargo.

TRENT Canal during 1943.

1	7,081	7,854	14,915	25,497	-	10,582
	Tons	Tons	Tons	Tons	Tons	
2	-	6	6	-	6	-
3	-	2	2	3	-	1
4	-	16	16	23	-	7
5	-	2	2	-	2	-
6	15	3	18	4	14	-
7	-	-	-	1	-	1
8	15	29	44	31	13	-
9	1	-	1	1	-	-
10	1	-	1	1	-	-
11	17	65	82	57	25	-
12	18	19	37	26	11	-
13	-	-	-	8	-	8
14	2	-	2	-	2	-
15	25	60	85	3	82	-
16	1	-	1	-	1	-
17	9	3	12	7	5	-
18	72	147	219	101	118	-
19	88	68	156	104	52	-
20	24	12	36	48	-	12
21	111	8	119	126	-	7
22	-	-	-	26	-	26
23	223	88	311	304	7	-
24	-	-	-	17	-	17
25	-	-	-	35	-	35
26	-	33,683	33,683	27,992	5,691	-
27	-	-	-	5	-	5
28	-	33,683	33,683	28,049	5,634	-
29	128	179	307	324	-	17
30	439	34,126	34,565	28,810	5,755	-

2 marine railways = 4,206.

Tons (2,000 lbs.) of cargo.

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