



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## SUMMARY OF CANAL STATISTICS

July, 1959

Freight cleared through Canadian canals during July increased by nearly 52 p.c. to 7,487,579 tons from 4,932,273 in July, 1958, and was 12 p.c. above the June record of 6,674,584 tons. The St. Lawrence, Welland, and four of the smaller canals reported heavier traffic than in the previous year. Increased shipments of iron ore, bituminous coal and grain were the main factors in the overall increase. Vessel passages increased to 4,755 from 3,807 in July, 1958, while the registered net tonnage went up 42 p.c. to 6,182,072 tons from 4,337,978. The number of pleasure craft lockages rose to 60,037 from 33,428 and the number of passengers increased to 63,483 from 46,916.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight moved through the combined system declined by almost 15 p.c. to 10,327,795 tons from 12,114,010 in July last year. Traffic using the Canadian canal dropped to 145,110 tons from 169,444. Increased shipments of grain and coal through the combined system were more than offset by a decrease in eastbound iron ore which dropped to 7,316,063 tons from 9,780,475. Total eastbound freight at 9,294,959 tons was down by 16.8 p.c. while westbound traffic rose 9.8 p.c. to 1,032,836 tons. Vessel passages through both canals numbered 3,532 with a registered net tonnage of 8,787,850 tons as compared with 2,881 vessels of 10,235,713 tons in July, 1958.

Welland Ship Canal: Freight transported through the Welland Ship Canal increased 34 p.c. to 4,101,030 tons from 3,061,818 in July last year. Iron ore shipments were up to 1,137,367 tons from 922,263, bituminous coal to 743,549 tons from 451,533, corn to 239,024 tons from 14,504 and sand, gravel and stone to 109,422 from 31,292. Eastbound traffic rose 16.8 p.c. to 2,755,476 tons from 2,359,481 while westbound traffic nearly doubled, rising to 1,345,544 tons from 702,337. During the month a total of 1,162 vessels of 3,238,872 registered net tons passed through the canal as compared with 1,197 vessels of 2,613,458 tons in July, 1958.

St. Lawrence Canals: Freight tonnage cleared through the St. Lawrence canals in July registered an increase of 88 p.c. rising to 3,101,359 tons from 1,647,297 in the corresponding month last year. Wheat shipments increased to 540,042 tons from 451,913, corn to 226,441 from 4,086 and oats to 88,775 tons from 28,259. Iron ore increased to 780,511 tons from 307,772 and fuel oil to 221,475 tons from 76,596. Total eastbound traffic rose to 1,501,549 tons from 902,558 while westbound traffic more than doubled, rising to 1,599,810 tons from 744,739. Vessel passages numbered 1,851 with a registered net tonnage of 2,382,567 as compared with 1,444 vessels of 1,175,893 tons in July, 1958.

Prepared in the Transportation and Public Utilities Section  
Public Finance and Transportation Division.

8504-517-79

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
			JULY, 1959		
<u>ALL CANADIAN CANALS</u>	4,755	6,182,072	63,483	60,037	7,487,579
Canso Canal	149	64,166	-	276	68,823
Murray Canal	48	3,620	-	1,008	-
Ottawa River Canals	141	65,587	43	2,501	59,400
Richelieu River Canal	154	19,526	-	43	10,755
Rideau Canal	24	774	56 <sup>(1)</sup>	13,195	-
St. Andrew's Canal	90	5,071	147 <sup>(2)</sup>	459	877
St. Lawrence Canals	1,851	2,382,567	458	245 <sup>(4)</sup>	3,101,359
St. Peter's Canal	86	1,482	35	16	201
Sault Ste. Marie Canal	1,031	400,050	62,536	154 <sup>(4)</sup>	145,110
Trent Canal	19	357	- <sup>(3)</sup>	24,100	24
Welland Ship Canal	1,162	3,238,872	208	40 <sup>(4)</sup>	4,101,030
			JULY, 1958		
<u>ALL CANADIAN CANALS</u>	3,807	4,337,978	46,916	33,428	4,932,273
Canso Canal	140	66,310	5	-	41,332
Murray Canal	74	7,091	4	855	150
Ottawa River Canals	9	212	-	2,013	-
Richelieu River Canal	107	13,994	42	-	11,163
Rideau Canal	19	327	90	12,403	-
St. Andrew's Canal	59	3,829	-	254	829
St. Lawrence Canals	1,444	1,175,893	4	282	1,647,297
St. Peter's Canal	76	1,101	53	-	222
Sault Ste. Marie Canal	651	455,290	46,718	199	169,444
Trent Canal	31	473	-	17,361	18
Welland Ship Canal	1,197	2,613,458	-	61	3,061,818
			JULY, 1959		
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	769	184,721	56,726	72	100,912
Can. & U.S. Locks	1,751	4,457,754	59,255	72	9,294,559
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	262	215,329	5,810	82	44,198
Can. & U.S. Locks	1,781	4,330,096	59,863	82	1,032,836
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - July, 1959	1,031	400,050	62,536	154	145,110
Can. & U.S. Locks - July, 1959	3,532	8,787,850	119,118	154	10,327,795
Canadian Lock - July, 1958	651	455,290	46,718	199	169,444
Can. & U.S. Locks - July, 1958	2,881	10,235,713	89,877	199	12,114,010
<u>WELLAND SHIP CANAL</u>					
East Bound	570	1,618,619	134	23	2,755,476
West Bound	592	1,620,253	74	17	1,345,554
Total - July, 1959	1,162	3,238,872	208	40	4,101,030
Total - July, 1958	1,197	2,613,458	-	61	3,061,818
<u>ST. LAWRENCE CANALS</u>					
East Bound	922	1,208,845	280	112	1,501,549
West Bound	929	1,173,722	178	133	1,599,810
Total - July, 1959	1,851	2,382,567	458	245	3,101,359
Total - July, 1958	1,444	1,175,893	4	282	1,647,297

- (1) Exclusive of 5,427 paying passengers on sight seeing pleasure boat cruises, and 41,572 passengers carried in pleasure craft. (5,972 and 37,057 in 1958)
- (2) Exclusive of 1,889 passengers carried in pleasure craft.
- (3) 85,047 passengers carried in small boats. (63,948 in 1958)
- (4) Included with number of vessel passages.

One passenger through one lock station recorded as "1".  
One pleasure craft through one lock station recorded as "1".

SUMMARY OF CANAL STATISTICS

July, 1959

COMMODITIES	EAST BOUND		WEST BOUND		T O T A L	
	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks
- T o n s -						
<u>SAULT STE. MARIE CANALS:</u>						
Wheat	4,533	1,156,554	-	-	4,533	1,156,554
Corn	4,840	144,500	-	-	4,840	144,500
Oats	-	123,917	-	-	-	123,917
Barley	-	179,606	-	-	-	179,606
Rye	-	59,322	-	-	-	59,322
Flour	865	6,108	62	62	927	6,170
Mill Products, other	15,476	29,409	-	-	15,476	29,409
Flaxseed	2,805	88,080	-	-	2,805	88,080
Products of Agriculture - other	3,384	3,384	2	2	3,386	3,386
Coal, Anthracite	-	-	-	5,446	-	5,446
Coal, Bituminous	-	-	2,278	605,474	2,278	605,474
Coke	-	-	-	12,360	-	12,360
Iron ore	-	7,316,063	-	19,992	-	7,336,055
Sand, Gravel and Stone	11,975	11,975	-	135,056	11,975	147,031
Products of mines - other	-	-	9,213	9,213	9,213	9,213
Pulpwood, Lumber and Logs	6,005	63,179	-	-	6,005	63,179
Gasoline	-	-	15,950	45,774	15,950	45,774
Fuel, road and petroleum residual oils	2,501	2,501	669	56,912	3,170	59,413
Iron, pig	935	54,114	-	-	935	54,114
Manufactured Iron and Steel	13,708	13,708	-	10,916	13,708	24,624
Motor vehicles	-	-	95	5,272	95	5,272
Cement	-	-	-	94,233	-	94,233
Paper and wood pulp	14,082	14,082	-	-	14,082	14,082
Scrap Iron and Steel	-	8,344	-	-	-	8,344
Domestic package freight	6,053	6,053	13,370	13,370	19,423	19,423
Manufacturers and miscellaneous - other	13,750	14,060	2,559	18,754	16,309	32,814
<b>TOTAL</b>	<b>100,912</b>	<b>9,294,959</b>	<b>44,198</b>	<b>1,032,836</b>	<b>145,110</b>	<b>10,327,795</b>

COMMODITIES	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<u>WELLAND SHIP CANAL:</u>									
Wheat	583,120	-	583,120	-	-	-	583,120	-	583,120
Corn	239,024	-	239,024	-	-	-	239,024	-	239,024
Oats	90,324	-	90,324	-	-	-	90,324	-	90,324
Barley	157,748	-	157,748	-	-	-	157,748	-	157,748
Rye	8,259	-	8,259	3,707	-	3,707	11,966	-	11,966
Flour	41,249	586	41,835	1,004	-	1,004	42,253	586	42,839
Mill Products - other	13,772	1,418	15,190	8	-	8	13,780	1,418	15,198
Soybeans	78,871	-	78,871	-	-	-	78,871	-	78,871
Beans and peas	5,526	-	5,526	-	-	-	5,526	-	5,526
Malt	7,645	-	7,645	-	-	-	7,645	-	7,645
Flaxseed	49,981	-	49,981	-	-	-	49,981	-	49,981
Products of Agriculture - other	24,079	51	24,130	587	108	695	24,666	159	24,825
Packing house products	11,541	5,831	17,372	-	52	52	11,541	5,883	17,424
Animals and Products - other	1,906	5,141	7,047	896	2,971	3,867	2,802	8,112	10,914
Coal, Bituminous	721,889	-	721,889	21,660	-	21,660	743,549	-	743,549
Coke	6,810	-	6,810	833	-	833	7,643	-	7,643
Iron ore	404,757	-	404,757	732,610	-	732,610	1,137,367	-	1,137,367
Ores and concentrates, other	1,176	-	1,176	5,848	-	5,848	7,024	-	7,024
Gravel and sand	9,948	-	9,948	-	-	-	9,948	-	9,948
Stone	7,146	-	7,146	91,985	343	92,328	99,131	343	99,474
Salt	33,809	9	33,818	-	-	-	33,809	9	33,818
Sulphur	13,790	-	13,790	19,995	-	19,995	33,785	-	33,785
Products of mines - other	2,374	245	2,619	13,949	845	14,794	16,323	1,090	17,413
Pulpwood	29,889	-	29,889	56,971	-	56,971	86,860	-	86,860
Products of forests - other	131	95	226	20	723	743	151	818	969
Gasoline	6,798	-	6,798	28,966	2	28,968	35,764	2	35,766
Fuel, road and petroleum residual oils	33,854	-	33,854	67,706	33	67,739	101,560	33	101,593
Petroleum products, refined - other	3,051	1,394	4,445	25,626	-	25,626	28,677	1,394	30,071





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SUMMARY OF CANAL STATISTICS

July, 1959

COMMODITIES	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND SHIP CANAL: -(Cont'd.)</b>									
Chemicals	10,183	1,974	12,157	12,356	930	13,286	22,539	2,904	25,443
Sodium (soda) products	7,375	-	7,375	-	-	-	7,375	-	7,375
Tar, pitch and creosote	17,005	-	17,005	-	-	-	17,005	-	17,005
Aluminum - bar, ingot, pig, and slab	-	-	-	-	12,559	12,559	-	12,559	12,559
Iron, pig	-	-	-	10,576	-	10,576	10,576	-	10,576
Iron and steel - bar, rod and slab	-	2,187	2,187	-	5,935	5,935	-	8,122	8,122
Iron and steel - other	-	1,319	1,319	-	20,362	20,362	-	21,681	21,681
Manufactured iron and steel	-	212	212	-	26,370	26,370	-	26,582	26,582
Motor vehicles	-	1,881	1,881	-	2,198	2,198	-	4,079	4,079
Cement	17,826	-	17,826	9,417	-	9,417	27,243	-	27,243
Wood Pulp	2,550	-	2,550	8,373	-	8,373	10,923	-	10,923
Newsprint Paper	-	-	-	-	51,195	51,195	-	51,195	51,195
Syrup and Molasses - refined and residual	2,200	285	2,485	8,325	-	8,325	10,525	285	10,810
Sugar	-	-	-	4,917	-	4,917	4,917	-	4,917
Feed, animal and poultry	15,378	612	15,990	-	-	-	15,378	612	5,990
Scrap iron and steel	9,079	-	9,079	6,720	2,794	9,514	15,799	2,794	18,593
Domestic package freight	21,123	-	21,123	29,264	-	29,264	50,387	-	50,387
Manufacturers and misc.-other	8,029	13,021	41,050	6,536	49,279	55,815	14,565	82,300	96,865
<b>TOTAL</b>	<b>2,699,215</b>	<b>56,261</b>	<b>2,755,476</b>	<b>1,168,855</b>	<b>176,699</b>	<b>1,345,554</b>	<b>3,868,070</b>	<b>232,960</b>	<b>4,101,030</b>
<b>ST. LAWRENCE CANALS:</b>									
Wheat	524,692	-	524,692	15,350	-	15,350	540,042	-	540,042
Corn	226,441	-	226,441	-	-	-	226,441	-	226,441
Oats	88,775	-	88,775	-	-	-	88,775	-	88,775
Barley	137,191	-	137,191	-	-	-	137,191	-	137,191
Rye	4,553	-	4,553	-	-	-	4,553	-	4,553
Flour	42,253	791	43,044	-	-	-	42,253	791	43,044
Mill Products - other	15,690	1,418	17,108	8	-	8	15,698	1,418	17,116
Soybeans	25,798	-	25,798	-	-	-	25,798	-	25,798
Soybean oil cake and meal	24,054	-	24,054	-	-	-	24,054	-	25,054
Flaxseed	45,454	-	45,454	-	-	-	45,454	-	45,454
Products of agriculture-other	23,559	146	23,705	148	1,081	1,229	23,707	1,227	24,934
Packing house products	11,541	5,897	17,438	-	52	52	11,541	5,949	17,490
Animals and products - other	3,241	5,675	8,916	896	3,093	3,989	4,137	8,768	12,905
Coal, bituminous	74,298	-	74,298	77,576	-	77,576	151,874	-	151,874
Coke	4,419	-	4,419	-	-	-	4,419	-	4,419
Iron ore	-	-	-	780,511	-	780,511	780,511	-	780,511
Ores and concentrates - other	1,176	-	1,176	5,848	-	5,848	7,024	-	7,024
Gravel and sand	54,000	-	54,000	-	-	-	54,000	-	54,000
Stone	3,896	-	3,896	375	343	718	4,271	343	4,614
Petroleum, crude	-	-	-	88,142	-	88,142	88,142	-	88,142
Salt	20,200	9	20,209	-	-	-	20,200	9	20,209
Phosphate rock	-	-	-	19,799	-	19,799	19,799	-	19,799
Sulphur	-	-	-	22,795	-	22,795	22,795	-	22,795
Products of mines - other	2,389	245	2,634	6,616	1,369	7,985	9,005	1,614	10,619
Pulpwood	-	-	-	56,971	-	56,971	56,971	-	56,971
Products of forests - other	410	547	957	20	5,761	5,781	430	6,308	6,738
Gasoline	6,683	-	6,683	-	-	-	6,683	-	6,683
Fuel, road and petroleum residual oils	1,258	-	1,258	220,217	-	220,217	221,475	-	221,475
Petroleum products - refined - other	1,229	1,400	2,629	21,140	4	21,144	22,369	1,404	23,773
Chemicals	6,325	2,081	8,406	10,237	1,364	11,601	16,562	3,445	20,007
Aluminum, bar, ingot, pig and slab	-	-	-	-	15,606	15,606	-	15,606	15,606
Iron, pig	-	-	-	10,576	-	10,576	10,576	-	10,576
Iron and steel - bar, rod and slab	-	27	27	-	6,470	6,470	-	6,497	6,497
Iron and steel, other	-	1,353	1,353	-	24,856	24,856	-	26,209	26,209
Manufactured iron and steel	-	1,600	1,600	-	29,487	29,487	-	31,087	31,087
Motor vehicles	-	1,891	1,891	-	3,839	3,839	-	5,730	5,730
Wood pulp	-	-	-	8,720	-	8,720	8,720	-	8,720
Newsprint paper	-	-	-	-	35,370	35,370	-	35,370	35,370
Sugar	-	-	-	15,061	-	15,061	15,061	-	15,061
Food products, in cans and packages	-	10,863	10,863	-	4,241	4,241	-	15,104	15,104
Feed, animal and poultry	15,514	1,563	17,077	136	-	136	15,650	1,563	17,213
Scrap iron and steel	9,577	-	9,577	274	2,794	3,068	9,851	2,794	12,645
Domestic package freight	47,467	-	47,467	27,820	-	27,820	75,287	-	75,287
Manufactures and misc. - other	7,544	36,416	43,960	8,539	66,305	74,844	16,083	102,721	118,804
<b>TOTAL</b>	<b>1,429,627</b>	<b>71,922</b>	<b>1,501,549</b>	<b>1,397,775</b>	<b>202,035</b>	<b>1,599,810</b>	<b>2,827,402</b>	<b>273,957</b>	<b>3,101,359</b>