



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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SUMMARY OF CANAL STATISTICS

July, 1961

The volume of freight cleared through Canadian Canals during July rose to 7,896,418 tons from 7,631,827 in the corresponding month last year, an increase of 3.5 per cent. Heavier traffic was reported by the St. Lawrence, Welland and seven of the smaller canals. The number of vessel passages declined to 4,158 from 4,489 but the registered net tonnage increased 11.2 per cent to 7,006,517 tons from 6,301,765. Pleasure craft lockages numbered 56,675 as against 49,026 and the number of passengers rose to 54,011 from 52,892 in July, 1960.

Sault Ste. Marie Canals - Canadian and United States Locks: Freight transported through the combined system in July was down almost 12 per cent to 12,706,252 tons from 14,423,649 in July, 1960. Although wheat shipments increased to 1,109,325 tons from 681,591, iron ore traffic was down by 2.3 million tons to 9,740,294 tons from 12,117,754. Traffic using the Canadian canal declined to 156,641 tons from 241,782. Vessel passages through both canals dropped to 2,965 from 3,811.

Welland Ship Canal: Freight moved through the Welland Ship Canal was up 7.1 per cent, increasing to 4,355,283 tons from 4,066,435 in July last year. Major increases were: wheat, up to 811,191 tons from 569,695, corn, up to 261,826 tons from 175,296, and iron and steel scrap, to 201,984 tons from 62,016. Total eastbound traffic rose 18.8 per cent to 3,184,260 tons from 2,680,294 while westbound freight declined 15.5 per cent to 1,171,023 tons from 1,386,141. Although vessel passages dropped to 1,059 from 1,086 in July, 1960, the registered net tonnage increased 19.7 per cent to 3,689,279 tons from 3,082,555.

St. Lawrence Canals: Freight shipped through the St. Lawrence Canals in July increased 1.9 per cent to 3,206,504 tons from 3,145,432 last year. Total eastbound freight was up 19.1 per cent to 1,919,804 tons from 1,611,741, but westbound traffic declined 16.1 per cent to 1,286,700 tons from 1,533,691. During the month 1,521 vessels with a registered net tonnage of 2,622,014 tons were cleared through the canals, as against 1,713 vessels of 2,509,546 tons in the corresponding month last year.

Prepared in the Transportation Section
Public Finance and Transportation Division.

8504-517-61

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
<u>July, 1961</u>					
ALL CANADIAN CANALS	4,158	7,006,517	54,011	56,675	7,896,418
Canso Canal	192	131,775	-	93	110,927
Murray Canal	55	2,938	-	1,065	240
Ottawa River Canals	252	63,449	-	2,341	54,900
Richelieu River Canal	120	12,833	-	55	11,179
Rideau Canal	33	742	113 ⁽¹⁾	16,837	-
St. Andrew's Canal	116	6,726	157 ⁽²⁾	492	707
St. Lawrence Canals	1,521	2,622,014	2,998	1,468	3,206,504
St. Peter's Canal	109	1,990	22	67	17
Sault Ste. Marie Canal	695	474,705	50,370	..	156,641
Trent Canal	6	66	- ⁽³⁾	33,697	20
Welland Ship Canal	1,059	3,689,279	351	560	4,355,283
<u>July, 1960</u>					
ALL CANADIAN CANALS	4,489	6,301,765	52,892	49,026	7,631,827
Canso Canal	144	90,710	9	105	97,568
Murray Canal	64	1,379	-	1,027	-
Ottawa River Canals	160	78,944	-	-	71,100
Richelieu River Canal	100	12,592	5	32	8,788
Rideau Canal	27	643	100	16,773	-
St. Andrew's Canal	72	3,993	207	596	678
St. Lawrence Canals	1,713	2,509,546	736	2	3,145,432
St. Peter's Canal	90	2,121	41	46	28
Sault Ste. Marie Canal	1,016	517,882	51,552	-	241,782
Trent Canal	17	1,400	-	30,445	16
Welland Ship Canal	1,086	3,082,555	242	-	4,066,435
<u>July, 1961</u>					
SAULT STE. MARIE CANALS:					
EAST BOUND:					
Canadian Lock	489	183,760	45,267	..	53,967
Can. & U.S. Locks	1,484	..	50,038	..	11,591,414
WEST BOUND:					
Canadian Lock	206	308,945	5,103	..	72,674
Can. & U.S. Locks	1,481	..	45,835	..	1,114,838
TOTALS:					
Canadian Lock - July, 1961	695	474,705	50,370	..	156,641
Can. & U.S. Locks - July, 1961	2,965	..	95,873	..	12,706,252
Canadian Lock - July, 1960	1,016	517,882	51,552	..	241,782
Can. & U.S. Locks - July, 1960	3,811	..	95,960	..	14,423,649
WELLAND SHIP CANAL:					
East Bound	529	1,839,678	106	352	3,184,260
West Bound	530	1,849,601	245	208	1,171,023
Totals - July, 1961	1,059	3,689,279	351	560	4,355,283
Totals - July, 1960	1,086	3,082,555	242	..	4,066,435
ST. LAWRENCE CANALS:					
East Bound	761	1,307,115	1,421	691	1,919,804
West Bound	760	1,314,899	1,577	777	1,286,700
Totals - July, 1961	1,521	2,622,014	2,998	1,468	3,206,504
Totals - July, 1960	1,713	2,509,546	737	2	3,145,432

.. Figures not available.

(1) Exclusive of 7,087 passengers on sight seeing pleasure boat cruises and 51,681 passengers carried in pleasure craft. (4,685 and 53,526 in 1960).

(2) Excludes 1,642 passengers carried in pleasure craft.

(3) 118,854 passengers carried in small boat (106,343 in 1960).

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

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

SUMMARY OF CANAL STATISTICS

July, 1961

Commodities	East Bound		West Bound		Total	
	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks
SAULT STE. MARIE CANALS:						
Barley	9,698	159,236	-	-	9,698	159,236
Corn	-	109,420	-	-	-	109,420
Oats	1,043	103,384	-	-	1,043	103,384
Rye	-	2,072	-	-	-	2,072
Wheat	4,052	1,109,325	-	-	4,052	1,109,325
Flour, wheat	2,135	11,882	62	62	2,197	11,944
Cereals, milled, n.e.s.	-	66,291	-	-	-	66,291
Foods, feeds, beverages and tobacco, n.e.s.	13,023	13,023	1,625	1,625	14,648	14,648
Flaxseed	-	27,575	-	-	-	27,575
Pulpwood, lumber and logs	-	22,683	-	-	-	22,683
Iron ore	-	9,740,094	200	200	200	9,740,294
Iron and steel scrap	-	35,362	-	-	-	35,362
Coal, anthracite	-	-	-	11,200	-	11,200
Coal, bituminous	-	33,400	-	664,539	-	697,939
Sand, gravel and stone	12,582	13,582	1,775	207,591	14,357	221,173
Paper and woodpulp	19,711	32,022	-	-	19,711	32,022
Gasoline	-	-	4,551	20,312	4,551	20,312
Fuel oil	-	-	27,814	52,106	27,814	52,106
Petroleum products, other	5,710	5,710	-	-	5,710	5,710
Pig iron	-	27,448	-	-	-	27,448
Iron and steel, manufactured	3,456	46,901	-	12,672	3,456	59,573
Cement	-	-	-	63,192	-	63,192
Motor vehicles	-	-	19	306	19	306
Manufactures and miscellaneous, other	5,272	24,719	4,913	49,318	10,185	74,037
Domestic package freight	7,285	7,285	31,715	31,715	39,000	39,000
Totals	83,967	11,591,414	72,674	1,114,838	156,641	12,706,252

East Bound			West Bound			Total		
Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons								

WELLAND SHIP CANAL:

Meat and meat preparations	-	6,280	6,280	-	405	405	-	6,685	6,685
Barley	100,172	-	100,172	-	-	-	100,172	-	100,172
Corn	261,826	-	261,826	-	-	-	261,826	-	261,826
Oats	54,905	-	54,905	-	-	-	54,905	-	54,905
Rye	2,632	-	2,632	-	-	-	2,632	-	2,632
Wheat	806,871	-	806,871	4,320	-	4,320	811,191	-	811,191
Malt	5,791	-	5,791	-	-	-	5,791	-	5,791
Flour, wheat	21,616	-	21,616	-	-	-	21,616	-	21,616
Cereals, milled, n.e.s.	6,888	199	7,087	242	28	270	7,130	227	7,357
Beans and peas	5,648	-	5,648	-	-	-	5,648	-	5,648
Sugar	-	-	-	14,473	-	14,473	14,473	-	14,473
Syrup and molasses	5,880	-	5,880	21,169	-	21,169	27,049	-	27,049
Animal feeds	15,257	50	15,307	101	39	140	15,358	89	15,447
Foods, feeds, beverages and tobacco, n.e.s.	7,449	22,255	29,704	357	16,688	17,045	7,806	38,943	46,749
Flaxseed	25,420	-	25,420	-	-	-	25,420	-	25,420
Soyabeans	100,729	-	100,729	-	-	-	100,729	-	100,729
Rubber, natural and synthetic	292	5,257	5,549	-	3,754	3,754	292	9,011	9,303
Pulpwood	16,549	-	16,549	26,913	-	26,913	43,462	-	43,462
Aluminum ore and concentrates	-	-	-	3,360	-	3,360	3,360	-	3,360
Iron ore	667,040	-	667,040	686,211	-	686,211	1,353,251	-	1,353,251
Iron and steel scrap	201,668	316	201,984	-	-	-	201,668	316	201,984
Coal, bituminous	489,266	-	489,266	2,511	-	2,511	491,777	-	491,777
Sand and gravel	4,187	-	4,187	2,693	-	2,693	6,880	-	6,880
Stone, crushed, broken	-	-	-	99,156	-	99,156	99,156	-	99,156
Salt	24,661	-	24,661	-	-	-	24,661	-	24,661
Sulphur	7,841	-	7,841	17,253	-	17,253	25,094	-	25,094
Crude materials, inedible, n.e.s.	36,110	7,940	44,050	12,446	2,429	14,875	48,556	10,369	58,925
Woodpulp	-	19	19	5,265	-	5,265	5,265	19	5,284
Newsprint paper	-	249	249	-	52,062	52,062	-	52,311	52,311
Soyabean oil	-	-	-	-	-	-	-	-	-
Sodium products	13,085	118	13,203	-	45	45	13,085	163	13,248
Chemicals, n.e.s.	11,622	1,413	13,035	2,935	940	3,875	14,557	2,353	16,910
Gasoline	10,027	-	10,027	33,499	-	33,499	43,526	-	43,526
Fuel oil	46,879	169	47,048	30,189	2,338	32,527	77,068	2,507	79,575
Lubricating oils and greases	3,818	632	4,450	8,648	-	8,648	12,466	632	13,098
Coke	8,346	-	8,346	-	-	-	8,346	-	8,346



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July, 1961

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
WELLAND SHIP CANAL - Concluded:									
Tar, pitch and creosote	10,394	-	10,394	2,233	-	2,233	12,627	-	12,627
Petroleum products, refined, n.e.s.	2,890	811	3,701	-	-	-	2,890	811	3,701
Pig iron	32,633	-	32,633	6,414	-	6,414	39,047	-	39,047
Iron and steel: ingot, bar, rod and slab	3,360	1,849	5,209	-	9,016	9,016	3,360	10,865	14,225
Iron and steel, other	145	9,195	9,340	-	1,326	1,326	145	10,521	10,666
Iron and steel, manufactured	20,569	5,336	25,905	-	24,906	24,906	20,569	30,242	50,811
Cement	15,798	-	15,798	2,548	44	2,592	18,346	44	18,390
Motor vehicles	-	6,805	6,805	6	3,049	3,055	6	9,854	9,860
Manufactures and miscellaneous, other	22,502	19,535	42,037	10,360	27,658	38,018	32,862	47,193	80,055
Domestic package freight	25,066	-	25,066	32,994	-	32,994	58,060	-	58,060
Totals	3,095,832	88,428	3,184,260	1,026,296	144,727	1,171,023	4,122,178	233,155	4,355,283
ST. LAWRENCE CANALS:									
Meat and Meat preparations	-	6,302	6,302	-	687	687	-	6,989	6,989
Barley	78,377	-	78,377	-	-	-	78,377	-	78,377
Corn	256,037	-	256,037	-	-	-	256,037	-	256,037
Oats	44,269	-	44,269	-	-	-	44,269	-	44,269
Rye	2,632	-	2,632	-	-	-	2,632	-	2,632
Wheat	676,718	-	676,718	-	-	-	676,718	-	676,718
Malt	3,451	-	3,451	-	-	-	3,451	-	3,451
Flour, wheat	21,616	-	21,616	-	-	-	21,616	-	21,616
Cereals, milled, n.e.s.	8,245	199	8,444	-	28	28	8,245	227	8,472
Beans and peas	2,225	-	2,225	6	-	6	2,231	-	2,231
Sugar	-	-	-	7,165	-	7,165	7,165	-	7,165
Syrup and molasses	1,482	-	1,482	11,610	-	11,610	13,092	-	13,092
Soyabean oil cake and meal	8,435	-	8,435	-	-	-	8,435	-	8,435
Animal feeds	15,142	50	15,192	101	39	140	15,243	89	15,332
Foods, feeds, beverages and tobacco, n.e.s.	3,855	22,775	26,630	95	20,073	20,168	3,950	42,848	46,798
Flaxseed	21,149	-	21,149	-	-	-	21,149	-	21,149
Soyabeans	88,045	-	88,045	-	-	-	88,045	-	88,045
Rubber, natural and synthetic	292	5,295	5,587	-	4,197	4,197	292	9,492	9,784
Pulpwood	-	-	-	33,471	-	33,471	33,471	-	33,471
Aluminum ore and concentrates	-	-	-	3,360	-	3,360	3,360	-	3,360
Iron ore	-	-	-	716,866	-	716,866	716,866	-	716,866
Iron and steel scrap	226,238	316	226,554	-	-	-	226,238	316	226,554
Coal, bituminous	64,285	-	64,285	70,961	-	70,961	135,246	-	135,246
Sand and gravel	54,902	-	54,902	372	-	372	55,274	-	55,274
Petroleum, crude	3,307	-	3,307	13,288	-	13,288	16,595	-	16,595
Phosphate rock	118	-	118	14,062	-	14,062	14,180	-	14,180
Salt	17,425	-	17,425	-	-	-	17,425	-	17,425
Sulphur	-	-	-	34,031	-	34,031	34,031	-	34,031
Crude materials, inedible, n.e.s..	35,979	8,524	44,503	14,906	2,770	17,676	50,885	11,294	62,179
Woodpulp	-	19	19	5,265	-	5,265	5,265	19	5,284
Newsprint paper	-	249	249	-	35,985	35,985	-	36,234	36,234
Chemicals, n.e.s.	661	1,531	2,192	378	1,960	2,338	1,039	3,491	4,530
Gasoline	14,109	-	14,109	5,522	-	5,522	19,631	-	19,631
Fuel oil	17,402	169	17,571	160,042	-	160,042	177,444	169	177,613
Lubricating oils and greases	1,849	632	2,481	6,225	-	6,225	8,074	632	8,706
Coke	8,346	-	8,346	-	-	-	8,346	-	8,346
Tar, pitch and creosote	8,653	-	8,653	2,000	-	2,000	10,653	-	10,653
Petroleum products, refined, n.e.s..	3,817	811	4,628	-	-	-	3,817	811	4,628
Pig iron	32,633	-	32,633	6,414	-	6,414	39,047	-	39,047
Iron and steel: ingot, bar, rod and slab	4,062	1,898	5,960	-	9,642	9,642	4,062	11,540	15,602
Iron and steel, other	81	10,790	10,871	-	1,432	1,432	81	12,222	12,303
Iron and steel, manufactured	20,790	14,959	35,749	-	27,242	27,242	20,790	42,201	62,991
Motor vehicles	-	6,811	6,811	-	3,821	3,821	-	10,632	10,632
Manufactures and miscellaneous, other	18,856	20,605	39,461	12,252	34,538	46,790	31,108	55,143	86,251
Domestic package freight	52,386	-	52,386	25,894	-	25,894	78,280	-	78,280
Totals	1,817,869	101,935	1,919,804	1,144,286	142,414	1,286,700	2,962,155	244,349	3,206,504(1)

(1) Includes 70,555 tons of non-toll traffic.