



CANAL STATISTICS

April, 1961

As of April 1, 1961, the description of commodities transported through Canadian canals has been changed to conform with the revised "Standard Commodity Classification" produced by the Dominion Bureau of Statistics.

The specific commodities shown in the monthly and annual canal reports are those transported in large volume and often in bulk form. The description of the majority of such commodities remains unchanged in the revised classification so that the effect of the changeover on the continuity and comparability of published statistics is considered to be relatively unimportant.

There are, however, a few changes which should be noted by users of these data. In the monthly series "Meat and meat preparations" were formerly included in "Other animals and products." "Cereals milled, n.e.s." does not coincide exactly with the previous classification's "Other mill products" in that hulls, screenings and other feed items formerly included in mill products are now classed as "Animal feeds." "Foods, feeds, beverages and tobacco, n.e.s." includes dairy produce, fruits and vegetables formerly included in "Other agricultural products" as well as lard, shortening and other packing house products, formerly classed as "Packing house products". "Crude materials, inedible" includes all crude material, not otherwise listed, of animal, vegetable or mineral origin. All items of significant size will be shown separately in the annual tabulations to facilitate an appreciation of the effects of this revision of the commodity classification.

Canal statistics for the month of April cover the period between the opening of navigation and the end of the month. In 1961, the opening dates of the three major canals were as follows: Sault Ste-Marie Canal, April 11 (April 4 in 1960), Welland Canal, April 1 (April 1) and St. Lawrence canals, April 15 (April 18). Due largely to a heavy grain movement, freight transported through all Canadian canals during the month increased 35 per cent to 3,428,379 tons from 2,531,811 in the corresponding month last year. The number of vessel passages rose to 1,454 from 1,224 with registered net tonnage up to 3,667,224 tons from 2,296,031.

Only 202,395 tons of iron ore moved out of Lake Superior in April as against 4.9 million tons in the corresponding month last year. Consequently the volume of freight cleared through the combined Canadian and United States locks at Sault Ste. Marie dropped to 1,948,923 tons from 6,588,954 in April last year. Total freight through the Canadian lock rose to 265,502 tons from 83,900. Vessel passages through both canals dropped to 616 from 1,772. Freight transported through the Welland Canal was up 20 per cent to 1,924,872 tons from 1,600,361 and through the St. Lawrence Canals, up 58 per cent to 1,231,534 tons from 779,280. Vessel passages through the Welland Canal increased to 610 from 486 and through the St. Lawrence Canals to 647 from 468.

Prepared in the Transportation Section
Public Finance and Transportation Division.

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SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
<u>April, 1961</u>					
<u>ALL CANADIAN CANALS</u>	1,454	3,667,224	35	28	3,428,379
Canso Canal	-	-	-	-	-
Murray Canal	-	-	-	19	-
Ottawa River Canals	29	5,662	-	8	3,600
Richelieu River Canal	19	3,670	-	-	2,871
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	647	1,278,352	27	-	1,231,534
St. Peter's Canal	9	89	-	-	-
Sault Ste. Marie Canal	140	289,117	1	-	265,502
Trent Canal	-	-	-(1)	1	-
Welland Ship Canal	610	2,090,334	7	-	1,924,872
<u>April, 1960</u>					
<u>ALL CANADIAN CANALS</u>	1,244	2,296,031	37	26	2,531,811
Canso Canal	61	37,644	-	21	60,977
Murray Canal	9	1,612	-	5	100
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	38	6,580	-	-	7,062
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	468	618,236	22	-	779,280
St. Peter's Canal	88	971	-	-	131
Sault Ste. Marie Canal	94	128,113	2	-	83,900
Trent Canal	-	-	-	-	-
Welland Ship Canal	486	1,502,875	13	-	1,600,361
<u>April, 1961</u>					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	60	142,562	-	-	238,294
Can. & U.S. Locks	288	..	-	-	1,691,752
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	80	146,555	1	-	27,111
Can. & U.S. Locks	328	..	-	-	257,171
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - April, 1961	140	289,117	1	-	265,502
Can. & U.S. Locks - April, 1961	616	..	-	-	1,948,923
Canadian Lock - April, 1960	94	128,113	2	-	83,900
Can. & U.S. Locks - April, 1960	1,772	..	2	-	6,588,954
<u>WELLAND SHIP CANAL</u>					
East Bound	240	875,458	-	-	1,534,761
West Bound	370	1,214,876	7	-	390,111
Total - April, 1961	610	2,090,334	7	-	1,924,872
Total - April, 1960	486	1,502,875	13	-	1,600,361
<u>ST. LAWRENCE CANALS</u>					
East Bound	282	523,445	-	-	936,816
West Bound	365	754,907	27	-	294,718
Total - April, 1961	647	1,278,352	27	-	1,231,534
Total - April, 1960	468	618,236	22	-	779,280

(1) 4 passengers carried in small boats.
 One passenger through one lock station recorded as "1".
 One pleasure craft through one lock station recorded as "1".
 .. Figures not available.

SUMMARY OF CANAL STATISTICS

April, 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	21,374	140,954	-	-	21,374	140,954
Corn	-	10,230	-	-	-	10,230
Oats	12,139	92,789	-	-	12,139	92,789
Rye	-	12,127	-	-	-	12,127
Wheat	147,871	1,111,291	-	-	147,871	1,111,291
Flour, wheat	-	1,977	-	-	-	1,977
Cereals, milled, n.e.s.	-	11,160	-	-	-	11,160
Foods, feeds, beverages and tobacco, n.e.s.	11,378	11,378	261	261	11,639	11,639
Flaxseed	-	36,391	-	-	-	36,391
Pulpwood, lumber and logs	-	-	-	-	-	-
Iron ore	15,935	202,395	-	-	15,935	202,395
Iron and steel scrap	-	-	-	-	-	-
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	-	-	126,503	-	126,503
Sand, gravel and stone	-	-	1,344	59,424	1,344	59,424
Paper and woodpulp	16,917	23,331	-	-	16,917	23,331
Gasoline	-	-	7,508	14,251	7,508	14,251
Fuel oil	-	-	5,609	8,466	5,609	8,466
Petroleum products, other	-	-	22	22	22	22
Pig iron	2,331	11,831	-	-	2,331	11,831
Iron and steel, manufactured	6,507	21,561	1,028	12,912	7,535	34,473
Cement	-	-	2,013	2,013	2,013	2,013
Motor vehicles	-	-	-	72	-	72
Manufactures and miscellaneous, other	2,814	3,212	2,888	26,809	5,702	30,021
Domestic package freight	1,125	1,125	6,438	6,438	7,563	7,563
TOTAL	238,391	1,691,752	27,111	257,171	265,502	1,948,923

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL									
Meat and meat preparations	-	-	-	-	300	300	-	300	300
Barley	48,986	-	48,986	-	-	-	48,986	-	48,986
Corn	35,891	-	35,891	-	-	-	35,891	-	35,891
Oats	32,425	-	32,425	-	-	-	32,425	-	32,425
Rye	3,716	-	3,716	-	-	-	3,716	-	3,716
Wheat	696,320	-	696,320	-	-	-	696,320	-	696,320
Malt	6,247	-	6,247	-	-	-	6,247	-	6,247
Flour, wheat	-	-	-	242	-	242	242	-	242
Cereals, milled, n.e.s.	1,070	-	1,070	-	-	-	1,070	-	1,070
Beans and peas	3,315	-	3,315	-	-	-	3,315	-	3,315
Sugar	-	-	-	3,852	-	3,852	3,852	-	3,852
Syrup and molasses	-	-	-	7,224	-	7,224	7,224	-	7,224
Animal feeds	1,859	-	1,859	442	6	448	2,301	6	2,307
Foods, feeds, beverages and tobacco, n.e.s.	13,290	-	13,290	-	8,691	8,691	13,290	8,691	21,981
Flaxseed	8,623	-	8,623	-	-	-	8,623	-	8,623
Soybeans	20,620	-	20,620	-	-	-	20,620	-	20,620
Rubber, natural and synthetic	-	284	284	-	664	664	-	948	948
Pulpwood	-	-	-	734	-	734	734	-	734
Aluminum ore and concentrates	-	-	-	40,323	-	40,323	40,323	-	40,323
Iron ore	31,955	-	31,955	-	-	-	31,955	-	31,955
Iron and steel scrap	13,734	-	13,734	-	-	-	13,734	-	13,734
Coal, bituminous	497,655	-	497,655	-	-	-	497,655	-	497,655
Sand and gravel	-	-	-	6,511	-	6,511	6,511	-	6,511
Stone, crushed, broken	-	-	-	65,735	-	65,735	65,735	-	65,735
Salt	12,754	-	12,754	-	-	-	12,754	-	12,754
Sulphur	-	-	-	-	-	-	-	-	-
Crude materials, inedible, n.e.s.	-	288	288	15,443	784	16,227	15,443	1,072	16,515
Woodpulp	-	-	-	2,859	-	2,859	2,859	-	2,859
Newsprint paper	-	-	-	-	69,305	69,305	-	69,305	69,305
Soyabean oil	1,962	-	1,962	-	-	-	1,962	-	1,962
Sodium products	6,494	-	6,494	-	189	189	6,494	189	6,683
Chemicals, n.e.s.	6,959	-	6,959	18,390	675	19,065	25,349	675	26,024
Gasoline	5,042	-	5,042	22,319	-	22,319	27,361	-	27,361
Fuel oil	28,368	-	28,368	29,325	-	29,325	57,693	-	57,693
Lubricating oils and greases	5,695	35	5,730	21,518	-	21,518	27,213	35	27,248
Coke	4,422	-	4,422	-	-	-	4,422	-	4,422



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COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL - (Cont'd.)									
Tar, pitch and creosote	2,814	-	2,814	2,460	-	2,460	5,274	-	5,274
Petroleum products, refined, n.e.s.	580	45	625	-	25	25	580	70	650
Pig iron	12,460	-	12,460	-	-	-	12,460	-	12,460
Iron and steel: ingot, bar, rod and slab	-	-	-	-	8,022	8,022	-	8,022	8,022
Iron and steel, other	-	24	24	110	516	626	110	540	650
Iron and steel, manufactured	-	-	-	-	14,976	14,976	-	14,976	14,976
Cement	15,724	15	15,739	4,647	-	4,647	20,371	15	20,386
Motor vehicles	-	235	235	-	2,155	2,155	-	2,390	2,390
Manufactures and miscellaneous, other	2,469	1,151	3,620	4,586	18,216	22,802	7,055	19,367	26,422
Domestic package freight	11,235	-	11,235	18,867	-	18,867	30,102	-	30,102
TOTAL	1,532,684	2,077	1,534,761	265,587	124,524	390,111	1,798,271	126,601	1,924,872

ST. LAWRENCE CANALS

Meat and meat preparations	-	11	11	-	672	672	-	683	683
Barley	34,888	-	34,888	-	-	-	34,888	-	34,888
Corn	40,220	-	40,220	-	-	-	40,220	-	40,220
Oats	24,682	-	24,682	-	-	-	24,682	-	24,682
Rye	3,716	-	3,716	-	-	-	3,716	-	3,716
Wheat	657,381	-	657,381	-	-	-	657,381	-	657,381
Malt	6,247	-	6,247	-	-	-	6,247	-	6,247
Flour, wheat	-	-	-	-	-	-	-	-	-
Cereals, milled, n.e.s.	-	-	-	-	77	77	-	77	77
Beans and peas	3,315	-	3,315	156	-	156	3,471	-	3,471
Sugar	-	-	-	-	-	-	-	-	-
Syrup and molasses	-	-	-	15,322	-	15,322	15,322	-	15,322
Soyabean oil cake and meal	-	-	-	-	-	-	-	-	-
Animal feeds	1,859	-	1,859	163	6	169	2,022	6	2,028
Foods, feeds, beverages and tobacco, n.e.s.	13,290	20	13,310	17	16,817	16,834	13,307	16,837	30,144
Flaxseed	4,276	-	4,276	-	-	-	4,276	-	4,276
Soyabeans	12,768	-	12,768	-	-	-	12,768	-	12,768
Rubber, natural and synthetic	-	284	284	-	1,040	1,040	-	1,324	1,324
Pulpwood	-	-	-	734	-	734	734	-	734
Aluminum ore and concentrates	-	-	-	-	-	-	-	-	-
Iron ore	-	-	-	14,087	-	14,087	14,087	-	14,087
Iron and steel scrap	2,836	-	2,836	-	-	-	2,836	-	2,836
Coal, bituminous	37,043	-	37,043	9,043	-	9,043	46,086	-	46,086
Sand and gravel	1,800	-	1,800	165	-	165	1,965	-	1,965
Petroleum, crude	-	-	-	-	-	-	-	-	-
Phosphate rock	-	-	-	50	-	50	50	-	50
Salt	12,754	-	12,754	-	-	-	12,754	-	12,754
Sulphur	-	-	-	3,024	-	3,024	3,024	-	3,024
Crude materials, inedible, n.e.s.	2,662	800	3,462	12,615	1,872	14,487	15,277	2,672	17,949
Woodpulp	-	-	-	2,859	-	2,859	2,859	-	2,859
Newsprint paper	-	-	-	-	30,802	30,802	-	30,802	30,802
Chemicals, n.e.s.	857	2	859	21,072	2,710	23,782	21,929	2,712	24,641
Gasoline	5,124	-	5,124	2,868	-	2,868	7,992	-	7,992
Fuel oil	2,860	-	2,860	46,862	-	46,862	49,722	-	49,722
Lubricating oils and greases	2,369	35	2,404	22,556	-	22,556	24,925	35	24,960
Coke	4,422	-	4,422	-	-	-	4,422	-	4,422
Tar, pitch and creosote	2,894	-	2,894	-	16	16	2,894	16	2,910
Petroleum products, refined, n.e.s.	-	45	45	-	48	48	-	93	93
Pig iron	12,460	-	12,460	-	-	-	12,460	-	12,460
Iron and steel: ingot, bar, rod and slab	-	-	-	-	9,668	9,668	-	9,668	9,668
Iron and steel, other	-	24	24	-	659	659	-	683	683
Iron and steel, manufactured	2,583	-	2,583	-	20,617	20,617	2,583	20,617	23,200
Motor vehicles	-	271	271	-	4,916	4,916	-	5,187	5,187
Manufactures and miscellaneous, other	3,697	1,450	5,147	11,841	30,962	42,803	15,538	32,412	47,950
Domestic package freight	36,871	-	36,871	10,402	-	10,402	47,273	-	47,273
TOTAL	933,874	2,942	936,816	173,836	120,882	294,718	1,107,710	123,824	1,231,534(1)

(1) Includes 5,528 tons of non-toll traffic.