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MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## SUMMARY OF CANAL STATISTICS

APRIL, 1962

Canal statistics for the month of April cover the period between the opening of navigation on the various canals and the end of the month. In 1962, the opening dates of the three major canals were as follows: Sault Ste. Marie Canal, April 3 (April 11 in 1961), Welland Ship Canal, April 1 (April 1) and St. Lawrence Canals, April 23 (April 15). Repair work in the St. Lawrence section of the Seaway delayed the passage of through traffic by one week.

Total freight transported through all Canadian canals during the month decreased 3.9 per cent to 3,101,179 tons from 3,225,511 in April 1961. Vessel passages dropped to 1,191 from 1,387 and the net registered tonnage was down to 2,900,856 tons from 3,486,347.

Sault Ste. Marie Canals - Canadian and United States Locks:- With navigation opening eight days earlier than last year, the total volume of freight cleared through the combined system rose 62 per cent to 2,831,162 tons from 1,746,055(1) in April 1961. Traffic using the Canadian lock rose to 96,007 tons from 62,634(1). Iron ore shipments, which accounted for 69 per cent of the total freight through both canals, increased to 1,966,357 tons from 186,460. Wheat shipments, however, declined to 335,659 tons from 963,420. Total eastbound freight rose to 2,506,604 tons from 1,491,854, while westbound traffic increased to 324,558 tons from 254,201. The number of vessel passages rose to 611 from 549 in April 1961.

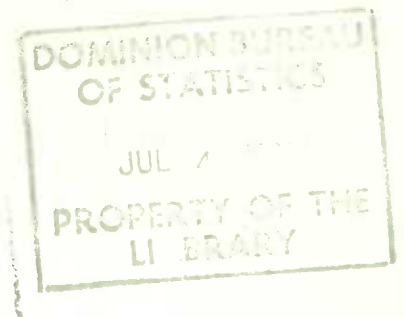
Welland Ship Canal:- Freight traffic through the Welland Ship Canal during April amounted to 1,938,915 tons as against 1,924,872 tons in the corresponding month last year. Commodities transported in greatest volume were bituminous coal, iron ore and wheat. Coal shipments showed little change at 502,989 tons compared with 497,655 in April last year. Iron ore traffic increased to 501,608 tons from 31,955 while wheat shipments dropped to 204,723 tons from 696,320. Total eastbound freight declined to 1,328,954 tons from 1,534,761, while westbound traffic rose to 609,961 tons from 390,111. The number of vessel passages dropped to 509 from 610 with registered net tonnage down to 1,912,970 tons from 2,090,334.

St. Lawrence Canals:- Due to the late opening of navigation, the volume of freight moved through the St. Lawrence Canals in April dropped to 1,034,916 tons from 1,231,534 in April, 1961. Wheat shipments declined to 306,517 tons from 657,381 with total eastbound freight down to 537,153 tons from 936,816. Westbound traffic, however, rose to 497,763 tons from 294,718, iron ore shipments accounting for 70 per cent of the increase. During the month 452 vessels of 844,556 registered net tons passed through the canals, compared with 647 vessels of 1,278,352 tons in April of last year.

(1) Revised figures.

Prepared in the Transportation Section  
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SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>April, 1962</u>					
<u>ALL CANADIAN CANALS</u> .....	1,191	2,900,856	58	28	3,101,179
Canso Canal .....	42	24,160	-	-	29,737
Murray Canal .....	10	997	-	7	-
Ottawa River Canals .....	4	804	-	13	-
Richelieu River Canal .....	15	2,217	-	2	1,546
Rideau Canal .....	-	-	-	-	-
St. Andrew's Canal .....	-	-	-	-	-
St. Lawrence Canals .....	452	844,556	28	3	1,034,916
St. Peter's Canal .....	85	1,291	-	-	58
Sault Ste. Marie Canal .....	74	113,861	17	1	96,007
Trent Canal .....	-	-	-	-	-
Welland Ship Canal .....	509	1,912,970	13	2	1,938,915
<u>April, 1961</u>					
<u>ALL CANADIAN CANALS(2)</u> .....	1,387	3,486,347	35	28	3,225,511
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(2) .....	73	108,240	1	-	62,634
Trent Canal .....	-	-	-	1	-
Welland Ship Canal .....	610	2,090,334	7	-	1,924,872
<u>April, 1962</u>					
<u>SAULT STE. MARIE CANALS:</u>					
<u>East Bound:</u>					
Canadian Lock .....	29	42,503	4	-	57,245
Can. & U.S. Locks .....	269	..	4	-	2,506,604
<u>West Bound:</u>					
Canadian Lock .....	45	71,358	13	1	38,762
Can. & U.S. Locks .....	342	..	14	-	324,558
<u>Totals:</u>					
Canadian Lock - April, 1962 .....	74	113,861	17	1	96,007
Can. & U.S. Locks - April, 1962 .....	611	..	18	1	2,831,162
Canadian Lock - April, 1961(2) .....	73	108,240	1	-	62,634
Can. & U.S. Locks - April, 1961(2) .....	549	..	1	-	1,746,055
<u>WELLAND SHIP CANAL:</u>					
East Bound .....	186	764,510	-	1	1,328,954
West Bound .....	323	1,148,460	13	1	609,961
Totals - April, 1962 .....	509	1,912,970	13	2	1,938,915
Totals - April, 1961 .....	610	2,090,334	7	-	1,924,872
<u>ST. LAWRENCE CANALS:</u>					
East Bound .....	193	322,374	-	1	537,153
West Bound .....	259	522,182	28	2	497,763
Totals - April, 1962 .....	452	844,556	28	3	1,034,916
Totals - April, 1961 .....	647	1,278,352	27	-	1,231,534

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

(2) Revised figures.

.. Figures not available.

SUMMARY OF CANAL STATISTICS

April, 1962

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 .....	2,911	48,060	-	-	2,911	48,060
Corn .....	-	13,650	-	-	-	13,650
Oats .....	-	29,649	-	-	-	29,649
Rye .....	-	1,120	-	-	-	1,120
Wheat .....	-	335,659	-	-	-	335,659
Flour, wheat .....	-	600	-	-	-	600
Cereals, milled, n.e.s. ....	-	6,185	-	-	-	6,185
Foods, beverages, tobacco, n.e.s. ....	2,754	2,754	1,273	1,273	4,027	4,027
Flaxseed .....	-	8,178	-	-	-	8,178
Pulpwood, lumber and logs .....	-	-	-	-	-	-
Iron ore .....	-	1,966,357	-	-	-	1,966,357
Iron and steel scrap .....	-	-	-	-	-	-
Coal, anthracite .....	-	-	-	-	-	-
Coal, bituminous .....	-	-	-	208,484	-	208,484
Sand, gravel and stone .....	-	-	-	22,182	-	22,182
Paper and woodpulp .....	8,353	12,974	-	-	8,353	12,974
Gasoline .....	-	-	5,562	7,462	5,562	7,462
Fuel oil .....	6,348	6,348	13,549	29,258	19,897	35,606
Petroleum products, other .....	-	-	-	-	-	-
Pig iron .....	3,476	27,515	-	-	3,476	27,515
Iron and steel, manufactured ....	32,754	46,906	7,053	18,298	39,807	65,204
Cement .....	-	-	2,003	4,403	2,003	4,403
Motor vehicles .....	-	-	1	1	1	1
Miscellaneous freight, n.e.s. ....	-	-	4,015	27,891	4,015	27,891
Domestic package freight .....	649	649	5,306	5,306	5,955	5,955
Totals .....	57,245	2,506,604	38,762	324,558	96,007	2,831,162

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Meat and meat preparations .....	-	-	-	-	196	196	-	196	196
Barley .....	33,177	-	33,177	-	-	-	33,177	-	33,177
Corn .....	64,740	-	64,740	-	-	-	64,740	-	64,740
Oats .....	24,684	-	24,684	-	-	-	24,684	-	24,684
Rye .....	-	-	-	-	-	-	-	-	-
Wheat .....	204,723	-	204,723	-	-	-	204,723	-	204,723
Malt .....	-	-	-	-	-	-	-	-	-
Flour, wheat .....	-	-	-	1,122	-	1,122	1,122	-	1,122
Cereals, milled, n.e.s. ....	-	-	-	8	-	8	8	-	8
Beans and peas, dried .....	8,809	-	8,809	6	-	6	8,815	-	8,815
Sugar .....	-	-	-	1,374	-	1,374	1,374	-	1,374
Syrup and molasses .....	-	-	-	14,950	-	14,950	14,950	-	14,950
Margarine, shortening and lard ..	-	-	-	-	-	-	-	-	-
Fodder and feed .....	1,712	-	1,712	-	9	9	1,712	9	1,721
Foods, beverages, tobacco, n.e.s. ....	-	-	-	8	10,350	10,358	8	10,350	10,358
Flaxseed .....	8,178	-	8,178	-	-	-	8,178	-	8,178
Soyabeans .....	79,943	-	79,943	-	-	-	79,943	-	79,943
Rubber, natural and synthetic ...	-	-	-	-	3,824	3,824	-	3,824	3,824
Pulpwood .....	-	-	-	706	-	706	706	-	706
Aluminum ore and concentrate ....	-	-	-	-	-	-	-	-	-
Iron ore .....	272,803	-	272,803	228,805	-	228,805	501,608	-	501,608
Iron and steel scrap .....	7,249	-	7,249	-	-	-	7,249	-	7,249
Coal, bituminous .....	502,989	-	502,989	-	-	-	502,989	-	502,989
Clay and bentonite .....	5,710	-	5,710	3,439	-	3,439	9,149	-	9,149
Sand and gravel .....	6,060	-	6,060	121	-	121	6,181	-	6,181
Stone, crushed, broken .....	-	-	-	89,840	182	90,022	89,840	182	90,022
Salt .....	11,385	-	11,385	-	-	-	11,385	-	11,385
Sulphur .....	-	-	-	-	-	-	-	-	-
Crude materials, inedible, n.e.s. ....	-	-	-	17,963	2,063	20,026	17,963	2,063	20,026
Woodpulp .....	-	-	-	7,493	-	7,493	7,493	-	7,493
Newsprint paper .....	-	-	-	-	42,619	42,619	-	42,619	42,619
Fish and animal oils .....	-	-	-	-	21	21	-	21	21
Soyabean oil .....	2,395	-	2,395	-	-	-	2,395	-	2,395
Sodium products .....	536	-	536	-	59	59	536	59	595
Chemicals and related products, n.e.s. ....	9,312	-	9,312	5,244	1,107	6,351	14,556	1,107	15,663
Gasoline .....	2,430	-	2,430	17,286	-	17,286	19,716	-	19,716
Fuel oil .....	42,099	-	42,099	32,516	-	32,516	74,615	-	74,615
Lubricating oils and greases ....	6,194	-	6,194	18,541	-	18,541	24,735	-	24,735
Coke .....	3,982	-	3,982	-	-	-	3,982	-	3,982



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SUMMARY OF CANAL STATISTICS

April, 1962

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
<b>WELLAND SHIP CANAL - Concluded:</b>									
Tar, pitch and creosote .....	-	-	-	-	-	-	-	-	-
Petroleum and coal products, n.e.s. ....	-	-	-	-	-	-	-	-	-
Pig iron .....	-	-	-	4,599	-	4,599	4,599	-	4,599
Iron and steel: ingot, bar, rod, etc. ....	-	-	-	-	16,233	16,233	-	16,233	16,233
Steel: plate, sheet and strip ....	-	-	-	-	360	360	-	360	360
Iron and steel, n.e.s. ....	-	-	-	-	37,832	37,832	-	37,832	37,832
Cement .....	15,442	-	15,442	4,423	-	4,423	19,865	-	19,865
Machinery, equipment and parts ...	-	-	-	106	1,083	1,189	106	1,083	1,189
Motor vehicles and parts .....	-	2,784	2,784	-	3,526	3,526	-	6,310	6,310
Miscellaneous freight, n.e.s. ....	-	57	57	6,298	20,074	26,372	6,298	20,131	26,429
Domestic package freight .....	11,561	-	11,561	15,575	-	15,575	27,136	-	27,136
<b>Totals .....</b>	<b>1,326,113</b>	<b>2,841</b>	<b>1,328,954</b>	<b>470,423</b>	<b>139,538</b>	<b>609,961</b>	<b>1,796,536</b>	<b>142,379</b>	<b>1,938,915</b>
<b>ST. LAWRENCE CANALS:</b>									
Meat and meat preparations .....	-	7	7	-	199	199	-	206	206
Barley .....	22,676	-	22,676	-	-	-	22,676	-	22,676
Corn .....	45,582	-	45,582	-	-	-	45,582	-	45,582
Oats .....	21,967	-	21,967	-	-	-	21,967	-	21,967
Rye .....	-	-	-	-	-	-	-	-	-
Wheat .....	306,517	-	306,517	-	-	-	306,517	-	306,517
Malt .....	-	-	-	-	-	-	-	-	-
Flour, wheat .....	-	-	-	-	9	9	-	9	9
Cereals, milled, n.e.s. ....	-	-	-	8	-	8	8	-	8
Beans and peas, dried .....	3,390	-	3,390	25	-	25	3,415	-	3,415
Sugar .....	-	-	-	15,982	-	15,982	15,982	-	15,982
Syrup and molasses .....	-	-	-	10,713	28	10,741	10,713	28	10,741
Margarine, shortening and lard ...	-	-	-	-	-	-	-	-	-
Soyabean oil cake and meal .....	-	-	-	-	-	-	-	-	-
Fodder and feed, n.e.s. ....	1,712	-	1,712	-	9	9	1,712	9	1,721
Foods, beverages, tobacco, n.e.s..	-	-	-	108	19,630	19,738	108	19,630	19,738
Flaxseed .....	8,178	-	8,178	-	-	-	8,178	-	8,178
Soyabeans .....	37,682	-	37,682	-	-	-	37,682	-	37,682
Rubber, natural and synthetic ....	-	-	-	-	4,489	4,489	-	4,489	4,489
Pulpwood .....	-	-	-	706	-	706	706	-	706
Aluminum ore and concentrates ....	-	-	-	-	-	-	-	-	-
Iron ore .....	-	-	-	155,359	-	155,359	155,359	-	155,359
Iron and steel scrap .....	-	-	-	-	-	-	-	-	-
Coal, bituminous .....	15,217	-	15,217	10,440	-	10,440	25,657	-	25,657
Clay and bentonite .....	5,710	-	5,710	-	-	-	5,710	-	5,710
Sand and gravel .....	-	-	-	121	-	121	121	-	121
Petroleum, crude .....	-	-	-	-	-	-	-	-	-
Phosphate rock .....	-	-	-	-	-	-	-	-	-
Salt .....	11,385	-	11,385	-	-	-	11,385	-	11,385
Sulphur .....	-	-	-	-	-	-	-	-	-
Crude materials, inedible, n.e.s..	-	1,016	1,016	31,208	2,806	34,014	31,208	3,822	35,030
Woodpulp .....	-	-	-	9,130	-	9,130	9,130	-	9,130
Newsprint paper .....	-	-	-	-	13,599	13,599	-	13,599	13,599
Fish and animal oils .....	-	-	-	1,971	59	2,030	1,971	59	2,030
Chemicals and related products ...	2,928	51	2,979	60,416	2,912	63,328	63,344	2,963	66,307
Gasoline .....	6,183	-	6,183	-	-	-	6,183	-	6,183
Fuel oil .....	7,804	-	7,804	22,535	-	22,535	30,339	-	30,339
Lubricating oils and greases .....	3,471	-	3,471	11,304	24	11,328	14,775	24	14,799
Coke .....	5,824	-	5,824	1,842	-	1,842	7,666	-	7,666
Tar, pitch and creosote .....	-	-	-	-	13	13	-	13	13
Petroleum and coal products, n.e.s. ....	-	25	25	-	-	-	-	25	25
Pig iron .....	-	-	-	4,599	-	4,599	4,599	-	4,599
Iron and steel: ingot, bar, rod, etc. ....	996	-	996	-	18,568	18,568	996	18,568	19,564
Steel: plate, sheet and strip ....	2,374	-	2,374	-	846	846	2,374	846	3,220
Iron and steel, n.e.s. ....	534	-	534	-	43,977	43,977	534	43,977	44,511
Machinery, equipment and parts ...	1	-	1	-	2,821	2,821	1	2,821	2,822
Motor vehicles and parts .....	-	2,784	2,784	-	6,189	6,189	-	8,973	8,973
Miscellaneous freight, n.e.s. ....	2,011	1,961	3,972	6,663	30,028	36,691	8,674	31,989	40,663
Domestic package freight .....	19,167	-	19,167	8,427	-	8,427	27,594	-	27,594
<b>Totals .....</b>	<b>531,309</b>	<b>5,844</b>	<b>537,153</b>	<b>351,557</b>	<b>146,206</b>	<b>497,763</b>	<b>882,866</b>	<b>152,050</b>	<b>1,034,916(1)</b>

(1) Includes 6,748 tons of non-toll traffic.