

DOMINION BUREAU  
OF STATISTICS

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# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## SUMMARY OF CANAL STATISTICS

April, 1960

Statistics for April cover the period between the opening of navigation on the various canals and the end of the month. For 1960 the opening dates of the three major canal systems of the St. Lawrence Seaway were as follows: Sault Ste. Marie Canal, April 4 (April 3 in 1959), Welland Ship Canal, April 1 (April 6) and St. Lawrence Canals, April 18 (April 25).

Freight transported through all Canadian canals during the month increased 52 per cent to 2,531,811 tons from 1,667,595 in April 1959. Vessel passages rose to 1,244 from 928 and the registered net tonnage was up 42 per cent, to 2,296,031 tons from 1,621,252.

Sault Ste. Marie Canals - Canadian and United States Locks: Freight cleared through the combined system in April more than doubled, rising to 6,588,954 tons from 3,219,410 in the corresponding month last year. Traffic using the Canadian lock increased to 83,900 tons from 32,262. Eastbound iron ore which constituted some 75 per cent of all freight through the combined system rose to 4,890,142 tons from 2,261,586. Wheat shipments were up to 794,447 tons from 373,674 and bituminous coal to 510,273 tons from 319,418. Total eastbound freight increased to 5,890,751 tons from 2,784,512 while westbound freight rose to 698,203 tons from 434,898. The number of vessel passages through both canals almost trebled, rising to 1,772 from 596.

Welland Ship Canal: With the earlier opening of navigation, freight through the Welland canal increased 41.5 per cent to 1,600,361 tons from 1,130,702 in April 1959. The major factors in this increase were bituminous coal shipments, up to 751,489 tons from 463,339, and iron ore, up to 271,661 tons from 114,261. Eastbound traffic increased to 1,144,110 tons from 807,338 while westbound traffic rose to 456,251 tons from 323,364. Vessel passages during the month numbered 486 with a registered net tonnage of 1,502,875 tons as against 386 vessels of 1,125,695 tons in April of last year.

St. Lawrence Canals: Freight transported through the St. Lawrence Canals in April totalled 779,280 tons compared with 467,386 tons last year. Westbound iron ore accounted for 54 per cent of the increase, rising to 209,625 tons from 40,424. Eastbound freight was up 22 per cent to 324,184 tons from 266,133 while westbound freight more than doubled, rising to 455,095 tons from 201,253. During the month 468 vessels of 618,236 registered net tons passed through the canals compared with 353 vessels of 386,915 tons in April, 1959.

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

8504-517-40

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
APRIL, 1960					
<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
APRIL, 1959					
<u>ALL CANADIAN CANALS</u>	928	1,621,252	20	-	1,667,595
Canso Canal	51	23,425	-	-	33,067
Murray Canal	21	1,099	-	-	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	29	4,844	-	-	4,159
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	353	386,915	6	-	467,386
St. Peter's Canal	39	527	-	-	19
Sault Ste. Marie Canal	49	78,747	8	-	32,262
Trent Canal	-	-	-	-	-
Welland Ship Canal	386	1,125,695	6	-	1,130,702
APRIL, 1960					
<u>SAULT STE. MARIE CANALS</u>					
<u>EASTBOUND</u>					
Canadian Lock	34	34,866	-	-	35,507
Can. & U.S. Locks	568	N.A.	-	-	5,890,751
<u>SAULT STE. MARIE CANALS</u>					
<u>WESTBOUND</u>					
Canadian Lock	60	93,247	2	-	48,393
Can. & U.S. Locks	1,204	N.A.	2	-	698,203
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - April, 1960	94	128,113	2	-	83,900
Can. & U.S. Locks - April, 1960	1,772	N.A.	2	-	6,588,954
Canadian Lock - April, 1959	49	78,747	8	-	32,262
Can. & U.S. Lock - April, 1959	596	2,969,504	8	-	3,219,410
<u>WELLAND SHIP CANAL</u>					
East Bound	183	614,321	13	-	1,144,110
West Bound	303	888,554	-	-	456,251
Total - April, 1960	486	1,502,875	13	-	1,600,361
Total - April, 1959	386	1,125,695	6	-	1,130,702
<u>ST. LAWRENCE CANALS</u>					
East Bound	194	227,967	-	-	324,185
West Bound	274	390,269	22	-	455,095
Total - April, 1960	468	618,236	22	-	779,280
Total - April, 1959	353	386,915	6	-	467,386

NA - Not Available.

SUMMARY OF CANAL STATISTICS

APRIL, 1960

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
<b>SAULT STE. MARIE CANALS:</b>						
Wheat	1,077	794,447	-	-	1,077	794,447
Corn	-	7,028	-	-	-	7,028
Oats	688	33,177	-	-	688	33,177
Barley	3,279	89,883	-	-	3,279	89,883
Rye	-	13,620	-	-	-	13,620
Flour	1,135	2,036	31	31	1,166	2,067
Mill products, other	3,011	7,395	-	-	3,011	7,395
Flaxseed	-	9,421	-	-	-	9,421
Coal, bituminous	-	-	-	510,273	-	510,273
Iron ore	-	4,890,142	-	-	-	4,890,142
Sand, gravel and stone	-	-	-	76,893	-	76,893
Gasoline	1,817	1,817	16,898	26,316	18,715	28,133
Fuel, road and petroleum residual oils	1,362	1,362	24,124	35,676	25,486	37,038
Iron, pig	-	5,271	-	-	-	5,271
Manufactured iron and steel	3,758	6,003	-	17,678	3,758	23,681
Cement	-	-	-	7,582	-	7,582
Paper and wood pulp	13,713	20,432	-	-	13,713	20,432
Domestic package freight	-	-	1,790	1,790	1,790	1,790
Manufactures and miscellaneous, other	5,667	8,717	5,550	21,964	11,217	30,681
<b>TOTAL</b>	<b>35,507</b>	<b>5,890,751</b>	<b>48,393</b>	<b>698,203</b>	<b>83,900</b>	<b>6,588,954</b>

	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND SHIP CANAL:</b>									
Wheat	146,249	-	146,249	-	-	-	146,249	-	146,249
Corn	21,168	-	21,168	-	-	-	21,168	-	21,168
Flour	654	-	654	-	-	-	654	-	654
Soybeans	79,893	-	79,893	-	-	-	79,893	-	79,893
Flaxseed	7,352	-	7,352	-	-	-	7,352	-	7,352
Products of Agriculture - other	-	-	-	83	428	511	83	428	511
Animals and products	-	47	47	387	851	1,238	387	898	1,285
Bituminous coal	738,754	-	738,754	12,735	-	12,735	751,489	-	751,489
Coke	4,183	-	4,183	569	-	569	4,752	-	4,752
Iron ore	46,707	-	46,707	224,954	-	224,954	271,661	-	271,661
Gravel and sand	-	-	-	8,273	-	8,273	8,273	-	8,273
Stone and rock: broken, ground, and crushed	-	-	-	22,993	-	22,993	22,993	-	22,993
Salt	4,300	-	4,300	-	-	-	4,300	-	4,300
Products of mines, other	3,222	-	3,222	6,192	529	6,721	9,414	529	9,943
Products of forests	-	-	-	685	681	1,366	685	681	1,366
Gasoline	5,072	-	5,072	17,606	-	17,606	22,678	-	22,678
Fuel, road, and petroleum residual oils	27,588	-	27,588	15,441	-	15,441	43,029	-	43,029
Petroleum products, refined, other	13,258	-	13,258	5,915	14	5,929	19,173	14	19,187
Chemicals	3,140	11	3,151	-	303	303	3,140	314	3,454
Iron, pig	-	-	-	10,483	-	10,483	10,483	-	10,483
Iron and steel, other	-	-	-	-	2,914	2,914	-	2,914	2,914
Manufactured iron and steel	-	-	-	-	25,939	25,939	-	25,939	25,939
Motor vehicles	-	134	134	-	1,200	1,200	-	1,334	1,334
Cement: natural and portland	14,947	-	14,947	-	-	-	14,947	-	14,947
Newsprint paper	-	-	-	-	59,702	59,702	-	59,702	59,702
Syrup and molasses, refined	-	-	-	5,127	-	5,127	5,127	-	5,127
Food products, in cans and packages	-	-	-	-	3,763	3,763	-	3,763	3,763
Feed, animal and poultry	4,932	-	4,932	-	-	-	4,932	-	4,932
Scrap iron and scrap steel	17,488	-	17,488	-	-	-	17,488	-	17,488
Domestic package freight	4,722	-	4,722	1,266	-	1,266	5,988	-	5,988
Manufactures and miscellaneous, other	-	289	289	2,800	24,418	27,218	2,800	24,707	27,507
<b>TOTAL</b>	<b>1,143,629</b>	<b>481</b>	<b>1,144,110</b>	<b>335,509</b>	<b>120,742</b>	<b>456,251</b>	<b>1,479,138</b>	<b>121,223</b>	<b>1,600,361</b>



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SUMMARY OF CANAL STATISTICS

APRIL, 1960

COMMODITIES	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<u>ST. LAWRENCE CANALS:</u>									
Wheat	182,104	-	182,104	-	-	-	182,104	-	182,104
Corn	12,318	-	12,318	-	-	-	12,318	-	12,318
Oats	1,070	-	1,070	-	-	-	1,070	-	1,070
Barley	3,159	-	3,159	-	-	-	3,159	-	3,159
Flour	654	-	654	-	4	4	654	4	658
Soybeans	25,507	-	25,507	-	-	-	25,507	-	25,507
Soybean oil cake and meal	1,740	-	1,740	-	-	-	1,740	-	1,740
Malt	2,058	-	2,058	-	-	-	2,058	-	2,058
Flaxseed	7,352	-	7,352	-	-	-	7,352	-	7,352
Products of Agriculture, other	435	-	435	305	2,445	2,750	740	2,445	3,185
Animals and products, other	-	1,165	1,165	387	1,163	1,550	387	2,328	2,715
Bituminous coal	36,000	-	36,000	7,641	-	7,641	43,641	-	43,641
Coke	4,183	-	4,183	-	-	-	4,183	-	4,183
Iron ore	-	-	-	209,625	-	209,625	209,625	-	209,625
Clay and bentonite	3,222	-	3,222	1,406	-	1,406	4,628	-	4,628
Petroleum, crude	-	-	-	10,142	-	10,142	10,142	-	10,142
Salt	4,300	-	4,300	-	-	-	4,300	-	4,300
Phosphate rock	-	-	-	3,136	-	3,136	3,136	-	3,136
Products of mines, other	-	-	-	6,785	958	7,743	10,007	958	10,965
Veneer, plywood, and built-up wood	-	-	-	-	1,017	1,017	-	1,017	1,017
Products of forests, other	-	-	-	685	424	1,109	685	424	1,109
Gasoline	-	-	-	2,843	-	2,843	2,843	-	2,843
Fuel, road, and petroleum residual oils	-	-	-	37,561	-	37,561	37,561	-	37,561
Lubricating oils and greases	1,844	-	1,844	8,888	-	8,888	10,732	-	10,732
Petroleum products, refined, other	2,614	-	2,614	-	14	14	2,614	14	2,628
Vegetable and nut oils	-	-	-	2,611	-	2,611	2,611	-	2,611
Chemicals	500	95	595	42	1,290	1,332	542	1,385	1,927
Fertilizers	-	-	-	3,527	31	3,558	3,527	31	3,558
Tar, pitch and creosote	2,827	-	2,827	2,021	-	2,021	4,848	-	4,848
Aluminum, bar, ingot, pig and slab	-	-	-	3,000	294	3,294	3,000	294	3,294
Iron, pig	-	-	-	10,483	-	10,483	10,483	-	10,483
Manufactured iron, and steel	561	467	1,028	-	34,219	34,219	561	34,686	35,247
Motor vehicles	-	198	198	-	2,239	2,239	-	2,437	2,437
Cement: natural and portland	-	-	-	3,912	-	3,912	3,912	-	3,912
Woodpulp	-	-	-	1,078	-	1,078	1,078	-	1,078
Newsprint paper	-	-	-	-	26,117	26,117	-	26,117	26,117
Syrup and molasses, refined	-	-	-	9,297	-	9,297	9,297	-	9,297
Food products, in cans and packages	-	332	332	-	6,106	6,106	-	6,438	6,438
Feed, animal and poultry	4,932	-	4,932	-	-	-	4,932	-	4,932
Domestic package freight	15,591	-	15,591	7,988	-	7,988	23,579	-	23,579
Manufactures and miscellaneous other	3,745	5,212	8,957	-	45,411	45,411	3,745	50,623	54,368
<b>TOTAL</b>	<b>316,716</b>	<b>7,469</b>	<b>324,185</b>	<b>333,363</b>	<b>121,732</b>	<b>455,095</b>	<b>650,079</b>	<b>129,201</b>	<b>779,280<sup>(1)</sup></b>

(1) Includes 6,795 tons of non toll traffic.