



## DOMINION BUREAU OF STATISTICS

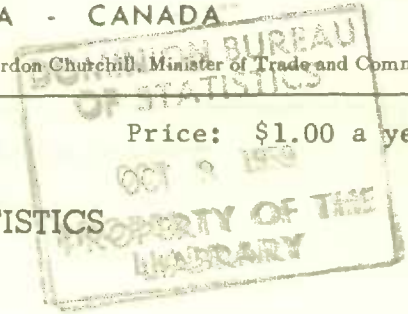
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## SUMMARY OF CANAL STATISTICS

May, 1960



Freight cleared through Canadian canals during May increased 25 per cent to 7,580,745 tons from 6,062,509 in May 1959. Heavier traffic was recorded at the St. Lawrence, Welland, Sault Ste. Marie and Canso canals. Increased shipments of wheat and coal on the Welland, fuel oil on the St. Lawrence, and corn, barley and iron ore on both the Welland and St. Lawrence were the major factors in the overall increase. Vessel passages rose to 3,563 from 3,477 while the registered net tonnage increased to 6,883,003 tons from 5,541,381. Pleasure craft lockages numbered 2,226 compared to 2,678 in May last year.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight shipped through the combined system declined slightly to 16,104,819 tons from 16,419,020 while tonnage through the Canadian lock advanced to 221,369 tons from 166,795. The number of vessel passages through the canals rose to 2,954 from 2,861 in May 1959.

Welland Ship Canal: The volume of freight transported through the Welland canal totalled 4,453,585 tons, 34 per cent above the 3,319,801 tons carried in May 1959. Cargoes of wheat increased to 720,172 tons from 577,683, barley to 320,540 tons from 198,024, bituminous coal to 531,620 tons from 459,190 and iron ore to 1,448,461 tons from 793,600. East bound traffic increased to 3,195,585 tons from 2,398,718 and west bound traffic to 1,258,000 tons from 921,083. During the month a total of 1,226 vessels of 3,698,330 net tons passed through the canal compared with 1,178 vessels of 2,943,505 net tons in May last year.

St. Lawrence Canals: Total freight locked through the St. Lawrence canals increased by 14 per cent to 2,801,602 tons from 2,453,917 in May 1959. Although tonnages of a number of commodities including wheat, oats and bituminous coal were lower than in the previous May, an overall increase was recorded as barley shipments rose to 271,520 tons from 188,008, iron ore to 591,738 tons from 339,449 and fuel oil to 202,862 tons from 153,331. East bound shipments totalled 1,579,532 tons compared with 1,481,732 in May a year earlier and west bound shipments amounted to 1,222,070 tons as against 972,185. Vessel passages through the canals increased to 1,616 from 1,595 and registered net tonnage to 2,589,504 tons from 2,105,390.

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

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
MAY, 1960					
<u>ALL CANADIAN CANALS</u>	3,563	6,883,003	3,022	2,226	7,580,745
Canso Canal	171	95,773	-	195	92,089
Murray Canal	6	365	-	56	-
Ottawa River Canals	8	889	4	5	-
Richelieu River Canal	88	14,649	-	4	11,985
Rideau Canal	7	184	11(1)	1,353	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	1,616	2,589,504	463	1(3)	2,801,602
St. Peter's Canal	62	1,237	-	9	115
Sault Ste. Marie Canal	379	482,072	2,490	-	221,369
Trent Canal	-	-	(2)	603	-
Welland Ship Canal	1,226	3,698,330	54	-	4,453,585
MAY, 1959					
<u>ALL CANADIAN CANALS</u>	3,477	5,541,381	2,474	2,678	6,062,509
Canso Canal	143	57,137	5	215	70,370
Murray Canal	17	3,490	-	127	-
Ottawa River Canals	88	43,692	-	425	36,900
Richelieu River Canal	78	13,455	-	5	14,449
Rideau Canal	8	290	24(1)	728	3
St. Andrew's Canal	11	846	-	55	89
St. Lawrence Canals	1,595	2,105,390	368	29	2,453,917
St. Peter's Canal	55	1,245	-	9	179
Sault Ste. Marie Canal	300	372,287	2,056	4	166,795
Trent Canal	4	44	(2)	1,078	6
Welland Ship Canal	1,178	2,943,505	21	3	3,319,801
MAY, 1958					
<u>SAULT STE. MARIE CANALS</u>					
<u>EASTBOUND</u>					
Canadian Lock	181	170,765	1,842	-	149,701
Can. & U.S. Locks	1,477	N.A.	1,970	-	14,421,153
<u>SAULT STE. MARIE CANALS</u>					
<u>WESTBOUND</u>					
Canadian Lock	198	311,307	648	-	71,668
Can. & U.S. Locks	1,477	N.A.	1,942	-	1,683,666
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - May, 1960	379	482,072	2,490	-	221,369
Can. & U.S. Locks - May, 1960	2,954	N.A.	3,912	-	16,104,819
Canadian Lock - May, 1959	300	372,287	2,056	4	166,795
Can. & U.S. Locks - May, 1959	2,861	13,594,085	3,087	4	16,419,020
<u>WELLAND SHIP CANAL</u>					
East Bound	594	1,767,058	9	-	3,195,585
West Bound	632	1,931,272	45	-	1,258,000
Total - May, 1960	1,226	3,698,330	54	-	4,453,585
Total - May, 1959	1,178	2,943,505	21	3	3,319,801
<u>ST. LAWRENCE CANALS</u>					
East Bound	805	1,218,126	358	-	1,579,532
West Bound	811	1,371,378	105	1	1,222,070
Total - May, 1960	1,616	2,589,504	463	1	2,801,602
Total - May, 1959	1,595	2,105,390	368	29	2,453,917

N.A. - Not Available.

(1) Exclusive of 3,126 paying passengers on sightseeing pleasure boat cruises, and 3,616 passengers carried in pleasure craft. (2,412 and 1,863 in 1959).

(2) 1,525 passengers carried in small boats. (2,950 in 1959).

(3) 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

MAY, 1960

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
<b>SAULT STE. MARIE CANALS:</b>						
Wheat	31,611	1,145,847	-	-	31,611	1,145,847
Corn	-	87,566	-	-	-	87,566
Oats	11,154	96,147	-	-	11,154	96,147
Barley	17,849	365,325	-	-	17,849	365,325
Rye	-	14,692	-	-	-	14,692
Flour	-	8,301	31	31	31	8,332
Mill products, other	13,023	48,379	-	-	13,023	48,379
Flaxseed	-	29,649	-	-	-	29,649
Coal, anthracite	-	-	-	10,300	-	10,300
Coal, bituminous	-	-	-	1,148,971	-	1,148,971
Coke	-	-	-	6,223	-	6,223
Iron ore	-	12,436,523	-	17,808	-	12,454,331
Sand, gravel and stone	15,265	15,265	-	236,998	15,265	252,263
Gasoline	919	919	6,781	36,452	7,700	37,371
Fuel oil	4,768	10,504	30,304	58,121	35,072	68,625
Other petroleum products	-	-	3,372	3,372	3,372	3,372
Iron, pig	-	24,310	-	-	-	24,310
Manufactured iron and steel	4,733	13,097	379	35,846	5,112	48,943
Motor vehicles	-	-	7	5,576	7	5,576
Cement	-	-	1,608	33,523	1,608	33,523
Woodpulp	12,301	62,083	-	-	12,301	62,083
Scrap iron and steel	-	23,632	-	-	-	23,632
Domestic package freight	5,810	5,810	22,760	22,760	28,570	28,570
Manufactures and miscellaneous, other	32,268	33,104	6,426	67,685	38,694	100,789
<b>TOTAL</b>	<b>149,701</b>	<b>14,421,153</b>	<b>71,668</b>	<b>1,683,666</b>	<b>221,369</b>	<b>16,104,819</b>

	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND SHIP CANAL:</b>									
Wheat	708,482	-	708,482	11,690	-	11,690	720,172	-	720,172
Corn	171,851	-	171,851	-	-	-	171,851	-	171,851
Oats	59,375	-	59,375	-	-	-	59,375	-	59,375
Barley	320,540	-	320,540	-	-	-	320,540	-	320,540
Rye	17,579	-	17,579	-	-	-	17,579	-	17,579
Flour, wheat	10,333	336	10,669	-	1,092	1,092	10,333	1,428	11,761
Mill products, other	2,715	-	2,715	-	-	-	2,715	-	2,715
Soybeans	98,755	-	98,755	-	-	-	98,755	-	98,755
Beans and peas, dried	15,100	-	15,100	-	-	-	15,100	-	15,100
Malt	15,566	-	15,566	-	-	-	15,566	-	15,566
Flaxseed	37,316	-	37,316	-	-	-	37,316	-	37,316
Products of agriculture, other	8,804	439	9,243	28	80	108	8,832	519	9,351
Packing house products	2,612	6,446	9,058	-	-	-	2,612	6,446	9,058
Animals and products, other	8,406	10,457	18,863	1,686	988	2,674	10,092	11,445	21,537
Coal, bituminous	521,607	-	521,607	10,013	-	10,013	531,620	-	531,620
Coke	6,461	-	6,461	1,065	-	1,065	7,526	-	7,526
Iron ore	806,780	-	806,780	641,681	-	641,681	1,448,461	-	1,448,461
Gravel and sand	15,486	-	15,486	-	-	-	15,486	-	15,486
Stone crushed, broken	7,500	-	7,500	149,850	102	149,952	157,350	102	157,452
Salt	11,100	-	11,100	-	-	-	11,100	-	11,100
Sulphur	6,720	-	6,720	5,441	-	5,441	12,161	-	12,161
Products of mines, other	1,753	197	1,950	31,217	462	31,679	32,970	659	33,629
Pulpwood	14,216	-	14,216	20,565	-	20,565	34,781	-	34,781
Products of forests, other	316	308	624	12	463	475	328	771	1,099
Gasoline	13,254	-	13,254	31,911	-	31,911	45,165	-	45,165
Fuel, road, and petroleum residual oils	34,357	-	34,357	56,751	-	56,751	91,108	-	91,108
Lubricating oils and greases	5,025	1,131	6,156	19,583	-	19,583	24,608	1,131	25,739
Petroleum products, refined, other	5,420	999	6,419	1,431	6	1,437	6,851	1,005	7,856
Soybean oil	8,335	-	8,335	-	-	-	8,335	-	8,335
Chemicals	15,980	4,396	20,376	31,381	481	31,862	47,361	4,877	52,238
Sodium (soda) products	18,796	-	18,796	-	-	-	18,796	-	18,796
Tar, pitch, and creosote	20,065	-	20,065	7,322	-	7,322	27,387	-	27,387
Iron, pig	-	-	-	8,083	-	8,083	8,083	-	8,083
Iron and steel: bar, rod and slab	1,750	1,605	3,355	-	561	561	1,750	2,166	3,916
Iron and steel, other	-	268	268	-	6,960	6,960	-	7,228	7,228

## SUMMARY OF CANAL STATISTICS

MAY, 1960

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BIBLIOTHÈQUE STATISTIQUE CANADA

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COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	TOTAL
<b>WELLAND SHIP CANAL: - (Concluded)</b>									
Manufactured iron and steel	1,710	16,045	17,755	3,331	22,160	25,491	5,041	38,205	43,246
Motor vehicles	-	6,290	6,290	-	8,084	8,084	-	14,374	14,374
Cement	15,972	-	15,972	4,567	-	4,567	20,539	-	20,539
Woodpulp	2,440	-	2,440	12,109	-	12,109	14,549	-	14,549
Newsprint paper	-	-	-	-	35,307	35,307	-	35,307	35,307
Syrup and molasses, refined and residual	11	-	11	25,351	-	25,351	25,362	-	25,362
Food products, in cans and packages	395	4,016	4,411	-	2,588	2,588	395	6,604	6,999
Feed, animal and poultry	53,786	51	53,837	-	49	49	53,786	100	53,886
Scrap iron and steel	17,658	217	17,875	-	-	-	17,658	217	17,875
Domestic package freight	18,120	-	18,120	55,561	-	55,561	73,681	-	73,681
Manufactures and miscellaneous, other	8,870	31,067	39,937	5,503	42,485	48,223	14,373	73,552	87,925
<b>TOTAL</b>	<b>3,111,317</b>	<b>84,268</b>	<b>3,195,585</b>	<b>1,136,132</b>	<b>121,868</b>	<b>1,258,000</b>	<b>4,247,449</b>	<b>206,136</b>	<b>4,453,585</b>
<b>ST. LAWRENCE CANALS:</b>									
Wheat	524,157	-	524,157	-	-	-	524,157	-	524,157
Corn	153,009	-	153,009	-	-	-	153,009	-	153,009
Oats	40,230	-	40,230	-	-	-	40,230	-	40,230
Barley	271,520	-	271,520	-	-	-	271,520	-	271,520
Rye	17,579	-	17,579	-	-	-	17,579	-	17,579
Flour, wheat	6,158	336	6,494	-	-	-	6,158	336	6,494
Mill products, other	2,776	-	2,776	-	-	-	2,776	-	2,776
Soybeans	61,808	-	61,808	-	-	-	61,808	-	61,808
Soybean oil cake and meal	21,104	-	21,104	-	-	-	21,104	-	21,104
Beans and peas	15,267	-	15,267	-	-	-	15,267	-	15,267
Malt	12,587	-	12,587	-	-	-	12,587	-	12,587
Flaxseed	33,280	-	33,280	-	-	-	33,280	-	33,280
Products of agriculture, other	6,313	581	6,894	74	4,631	4,705	6,387	5,212	11,599
Packing house products	2,612	6,446	9,058	-	206	206	2,612	6,652	9,264
Animals and products, other	9,399	12,215	21,614	1,783	1,219	3,002	11,182	13,434	24,616
Coal, bituminous	105,896	6	105,902	55,287	-	55,287	161,183	6	161,189
Coke	6,461	-	6,461	-	-	-	6,461	-	6,461
Iron ore	-	-	-	591,738	-	591,738	591,738	-	591,738
Gravel and sand	-	-	-	-	-	-	-	-	-
Petroleum, crude	-	-	-	23,868	-	23,868	23,868	-	23,868
Salt	11,100	-	11,100	-	-	-	11,100	-	11,100
Phosphate rock	-	-	-	7,768	-	7,768	7,768	-	7,768
Sulphur	-	-	-	19,532	-	19,532	19,532	-	19,532
Products of mines, other	1,972	227	2,199	38,860	973	39,833	40,832	1,200	42,032
Pulpwood	-	-	-	20,565	-	20,565	20,565	-	20,565
Products of forests, other	1,209	526	1,735	912	1,752	2,664	2,121	2,278	4,399
Gasoline	2,372	-	2,372	2,735	-	2,735	5,107	-	5,107
Fuel, road, and petroleum residual oils	-	-	-	202,862	-	202,862	202,862	-	202,862
Lubricating oils and greases	3,868	1,131	4,999	2,198	-	2,198	6,066	1,131	7,197
Petroleum products, refined, other	1,201	999	2,200	-	9	9	1,201	1,008	2,209
Chemicals	5,016	4,795	9,811	16,056	1,774	17,830	21,072	6,569	27,641
Aluminum, bar, ingot, pig and slab	-	-	-	-	200	200	-	200	200
Iron, pig	-	-	-	6,486	-	6,486	6,486	-	6,486
Iron and steel, bar, rod and slab	-	2,029	2,029	-	1,176	1,176	-	3,205	3,205
Iron and steel, other	-	884	884	-	8,860	8,860	-	9,744	9,744
Manufactured iron and steel	408	29,150	29,558	3,331	27,554	30,885	3,739	56,704	60,443
Motor vehicles	-	7,199	7,199	-	9,986	9,986	-	17,185	17,185
Woodpulp	-	-	-	12,109	-	12,109	12,109	-	12,109
Newsprint paper	-	-	-	-	25,690	25,690	-	25,690	25,690
Syrup and molasses, refined and residual	11	-	11	17,613	-	17,613	17,624	-	17,624
Sugar	-	-	-	10,605	3,142	13,747	10,605	3,142	13,747
Food products, in cans and packages	395	5,967	6,362	-	5,423	5,423	395	11,390	11,785
Feed, animal and poultry	53,816	51	53,867	-	49	49	53,816	100	53,916
Scrap iron and steel	29,393	217	29,610	300	628	928	29,693	845	30,538
Domestic package freight	44,812	755	45,567	23,804	200	24,004	68,616	955	69,571
Manufactures and miscellaneous, other	15,020	45,269	60,289	13,106	57,006	70,112	28,126	102,275	130,401
<b>TOTAL</b>	<b>1,460,749</b>	<b>118,783</b>	<b>1,579,532</b>	<b>1,071,592</b>	<b>150,478</b>	<b>1,222,070</b>	<b>2,532,341</b>	<b>269,261</b>	<b>2,801,602<sup>(1)</sup></b>

(1) Includes 14,722 tons of non toll traffic.