



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## SUMMARY OF CANAL STATISTICS

MAY, 1959

The volume of freight transported through Canadian canals amounted to 6,062,509 tons as against 4,479,168 in May 1958, an increase of 1,583,341 tons or 35 p.c. The St. Lawrence, Welland Ship, Sault Ste. Marie and four of the smaller canals reported heavier traffic than in the previous year. Increased shipments of iron ore, wheat, corn and oats were the major factors in the overall increase. Vessel passages numbered 3,477 as compared with 3,298 in May, 1958, while the registered net tonnage increased by 1.5 million to 5,541,381 tons from 4,083,598.

Pleasure craft lockages at 2,678 were down by 166 and the number of passengers declined to 2,474 from 2,964.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight transported through the combined system more than doubled in May, rising to 16,419,020 tons from 7,184,368 in the corresponding month last year. Traffic through the Canadian lock increased to 166,795 tons from 156,831. The combined increase was due almost entirely to the sharp rise in east bound shipments of iron ore which totalled 12,787,770 tons as compared with 3,759,886 tons a year ago. Shipments of west bound coal also increased, rising to 1,298,343 tons from 557,346. Total east bound freight increased to 14,576,866 tons from 6,268,305 in May 1958 while west bound freight rose to 1,842,154 tons from 916,063. Vessels passing through the canals numbered 2,861 with a net registered tonnage of 13,594,085 as compared with 1,673 vessels of 6,312,144 tons in May, 1958.

Welland Ship Canal: Freight moved through the Welland Ship Canal totalled 3,319,801 tons as compared with 2,740,965 in May last year, an increase of 21 p.c. The largest commodity increase was recorded for iron ore which rose to 793,600 tons from 383,328. Other increases included corn, up to 149,478 tons from 25,716, oats up to 97,637 from 36,897, and sand, gravel and stone to 94,206 from 21,321. Partially offsetting these were decreases in wheat, barley, coal and petroleum products. East bound traffic increased to 2,398,718 tons from 2,212,640 and west bound traffic to 921,083 tons from 528,325. During the month a total of 1,178 vessels of 2,943,505 net tons passed through the canal compared with 1,156 vessels of 2,340,002 net tons in May, 1958.

St. Lawrence Canals: Total freight locked through the St. Lawrence canals increased by 63 p.c. to 2,453,917 tons from 1,502,090 in May, 1958. Cargoes moving in greatest volume were: wheat 623,783 tons (404,984 tons in May, 1958), iron ore, 339,449 (160,070), barley, 188,008 (288,000), corn 122,739 (22,054), bituminous coal 162,132 (104,963) and petroleum products 164,933 (59,515). East bound shipments totalled 1,481,732 tons compared with 1,044,497 in May, 1958, and west bound shipments totalled 972,184 tons as against 457,593. The number of vessels passing through the canals totalled 1,595 of 2,105,390 registered net tons compared with 1,529 vessels of 1,274,685 net tons in May 1958.

Prepared in the Transportation and Public Utilities 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	Tons of freight
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	-(2)	55	89
St. Lawrence Canals	1,595	2,105,390	368	29(4)	2,453,917
St. Peter's Canal	55	1,245	-	9	179
Sault Ste. Marie Canal	300	372,287	2,056	4(4)	166,795
Trent Canal	4	44	-(3)	1,078	6
Welland Ship Canal	1,178	2,943,505	21	3(4)	3,319,801
MAY, 1958					
<u>ALL CANADIAN CANALS</u>	3,298	4,083,598	2,964	2,844	4,479,168
Canso Canal	134	55,382	5	-	64,402
Murray Canal	7	386	19	77	-
Ottawa River Canals	-	-	-	313	-
Richelieu River Canal	93	16,113	9	-	14,685
Rideau Canal	6	283	18(1)	1,110	10
St. Andrew's Canal	12	540	-	-	114
St. Lawrence Canals	1,529	1,274,685	13	108	1,502,090
St. Peter's Canal	25	400	-	-	57
Sault Ste. Marie Canal	331	395,742	2,900	21	156,831
Trent Canal	5	65	-(3)	1,215	14
Welland Ship Canal	1,156	2,340,002	-	-	2,740,965
MAY, 1959					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	143	131,085	1,504	-	123,142
Can. & U.S. Locks	1,412	6,731,183	1,538	-	14,576,866
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	157	241,202	552	4	43,653
Can. & U.S. Locks	1,449	6,862,902	1,549	4	1,842,154
<u>SAULT STE. MARIE CANALS</u>					
TOTAL					
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
Canadian Lock - May, 1958	331	395,742	2,900	21	156,831
Can. & U.S. Locks - May, 1958	1,673	6,312,144	4,205	21	7,184,368
<u>WELLAND SHIP CANAL</u>					
East Bound	570	1,371,568	11	2	2,398,718
West Bound	608	1,571,937	10	1	921,083
Total - May, 1959	1,178	2,943,505	21	3	3,319,801
Total - May, 1958	1,156	2,340,002	-	-	2,740,965
<u>ST. LAWRENCE CANALS</u>					
East Bound	807	956,023	170	22	1,481,732
West Bound	788	1,149,367	198	7	972,185
Total - May, 1959	1,595	2,105,390	368	29	2,453,917
Total - May, 1958	1,529	1,274,685	13	108	1,502,090

- (1) Exclusive of 2,412 paying passengers on sightseeing pleasure boat cruises, and 1,863 passengers carried in pleasure craft. (2,380 and 2,573 in 1958)
- (2) 55 passengers carried in pleasure craft.
- (3) 2,950 passengers carried in small boats. (3,986 in 1958)
- (4) Included in column 1 "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, 1959

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
- T o n s -						
<b>SAULT STE. MARIE CANALS:</b>						
Wheat	20,539	1,055,721	-	-	20,539	1,055,721
Corn	-	46,252	-	-	-	46,252
Oats	1,377	131,895	-	-	1,377	131,895
Barley	11,914	303,123	-	-	11,914	303,123
Rye	-	16,727	-	-	-	16,727
Flour	-	9,409	-	-	-	9,409
Mill Products, other	5,210	22,782	-	-	5,210	22,782
Malt	9,928	9,928	-	-	9,928	9,928
Flaxseed	3,408	59,529	-	-	3,408	59,529
Products of Agriculture - other	5	5	-	-	5	5
Coal, bituminous	-	-	2,400	1,298,343	2,400	1,298,343
Coal, Anthracite	-	-	-	18,957	-	18,957
Coke	-	-	-	6,127	-	6,127
Iron ore	-	12,787,770	-	-	-	12,787,770
Sand, gravel and stone	9,743	9,743	9,849	263,699	19,592	273,442
Pulpwood	-	7,600	-	-	-	7,600
Gasoline	-	-	6,718	40,738	6,718	40,738
Fuel, road and petroleum residual oils	2,505	2,505	1,357	39,176	3,862	41,681
Tar, pitch and creosote	2,723	2,723	2,944	2,944	5,667	5,667
Iron, pig	3,326	30,851	-	-	3,326	30,851
Manufactured iron and steel	17,470	18,019	6,017	51,359	23,487	69,378
Motor vehicles	-	-	423	5,776	423	5,776
Cement	-	-	20	48,482	20	48,482
Paper and wood pulp	27,268	30,362	-	-	27,268	30,362
Scrap iron and steel	-	20,998	-	-	-	20,998
Manufactures and miscellaneous - other	7,726	10,924	13,925	66,553	21,651	77,477
<b>TOTAL</b>	<b>123,142</b>	<b>14,576,866</b>	<b>43,653</b>	<b>1,842,154</b>	<b>166,795</b>	<b>16,419,020</b>

COMMODITIES	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND SHIP CANAL:</b>									
Wheat	577,683	-	577,683	-	-	-	577,683	-	577,683
Corn	149,478	-	149,478	-	-	-	149,478	-	149,478
Oats	97,637	-	97,637	-	-	-	97,637	-	97,637
Barley	198,024	-	198,024	-	-	-	198,024	-	198,024
Rye	13,891	-	13,891	-	-	-	13,891	-	13,891
Flour, wheat	9,044	442	9,486	-	-	-	9,044	442	9,486
Mill products, other	3,621	140	3,761	-	-	-	3,621	140	3,761
Soybeans	95,344	-	95,344	-	-	-	95,344	-	95,344
Products of agriculture - other	25,454	388	25,842	225	282	507	25,679	670	26,349
Flaxseed	30,754	-	30,754	-	-	-	30,754	-	30,754
Animals and products - other	2,512	17,218	19,730	5,069	1,292	6,361	7,581	18,510	26,091
Coal, bituminous	459,190	-	459,190	-	-	-	459,190	-	459,190
Coke	18,823	-	18,823	-	-	-	18,823	-	18,823
Iron ore	377,964	-	377,964	415,636	-	415,636	793,600	-	793,600
Ores and concentrates - other	1,137	-	1,137	5,529	-	5,529	6,666	-	6,666
Products of mines - other	22,435	423	22,858	14,829	391	15,220	37,264	814	38,078
Gravel and sand	10,328	-	10,328	1,895	-	1,895	12,223	-	12,223
Stone	15,767	-	15,767	66,216	-	66,216	81,983	-	81,983
Pulpwood	-	-	-	10,592	-	10,592	10,592	-	10,592
Products of forests - other	66	152	218	-	749	749	66	901	967
Gasoline	9,477	-	9,477	26,606	-	26,606	36,083	-	36,083
Fuel, road and petroleum residual oils	49,891	-	49,891	57,567	-	57,567	107,458	-	107,458
Petroleum products, refined - other	3,581	1,162	4,743	17,232	-	17,232	20,813	1,162	21,975
Chemicals	24,566	1,235	25,801	25,727	392	26,119	50,293	1,627	51,920
Tar, pitch and creosote	24,240	-	24,240	2,944	-	2,944	27,184	-	27,184
Iron, pig	-	-	-	4,837	-	4,837	4,837	-	4,837
Iron and steel - bar, rod and slab	-	3,460	3,460	-	6,514	6,514	-	9,974	9,974
Iron and steel - other	-	573	573	-	29,501	29,501	-	30,074	30,074
Manufactured iron and steel	-	1,686	1,686	-	27,731	27,731	-	29,417	29,417
Motor vehicles	-	1,726	1,726	-	2,197	2,197	-	3,923	3,923



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SUMMARY OF CANAL STATISTICS

MAY, 1959

COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND SHIP CANAL:- (Cont'd.)</b>									
Cement	21,380	-	21,380	10,847	-	10,847	32,227	-	32,227
Wood pulp	5,820	-	5,820	10,914	-	10,914	16,734	-	16,734
Newsprint paper	-	2,366	2,366	-	55,012	55,012	-	57,378	57,378
Scrap iron and steel	28,758	-	28,758	14,185	-	14,185	42,943	-	42,943
Domestic package freight	16,033	-	16,033	32,680	-	32,680	48,713	-	48,713
Manufactures and miscellaneous - other	28,172	46,677	74,849	22,447	51,045	73,492	50,619	97,722	148,341
<b>TOTAL</b>	<b>2,321,070</b>	<b>77,648</b>	<b>2,398,718</b>	<b>745,977</b>	<b>175,106</b>	<b>921,083</b>	<b>3,067,047</b>	<b>252,754</b>	<b>3,319,801</b>

**ST. LAWRENCE CANALS:**

Wheat	623,011	-	623,011	772	-	772	623,783	-	623,783
Corn	122,739	-	122,739	-	-	-	122,739	-	122,739
Oats	85,255	-	85,255	-	-	-	85,255	-	85,255
Barley	188,008	-	188,008	-	-	-	188,008	-	188,008
Rye	10,787	-	10,787	-	-	-	10,787	-	10,787
Grain - other	106	-	106	-	80	80	106	80	186
Flour, wheat	9,044	442	9,486	-	-	-	9,044	442	9,486
Mill products - other	3,100	140	3,240	-	-	-	3,100	140	3,240
Soybeans	37,413	-	37,413	75	-	75	37,488	-	37,488
Products of agriculture - other	34,516	1,178	35,694	151	835	986	34,667	2,013	36,680
Flaxseed	26,673	-	26,673	-	-	-	26,673	-	26,673
Animals and products - other	3,610	18,271	21,881	5,069	1,548	6,617	8,679	19,819	28,498
Coal, bituminous	107,934	-	107,934	54,198	-	54,198	162,132	-	162,132
Coke	3,852	-	3,852	-	-	-	3,852	-	3,852
Iron ore	-	-	-	339,449	-	339,449	339,449	-	339,449
Ores and concentrates - other	1,137	-	1,137	5,542	-	5,542	6,679	-	6,679
Gravel and sand	36,000	-	36,000	-	-	-	36,000	-	36,000
Stone	10	-	10	264	-	264	274	-	274
Petroleum, crude	-	-	-	34,389	-	34,389	34,389	-	34,389
Products of mines - other	15,040	423	15,463	32,163	2,126	34,289	47,203	2,549	49,752
Pulpwood	-	-	-	10,742	-	10,742	10,742	-	10,742
Products of forests - other	1,050	494	1,544	130	1,682	1,812	1,180	2,176	3,356
Gasoline	2,449	-	2,449	-	-	-	2,449	-	2,449
Fuel, road and petroleum residual oils	-	-	-	153,331	-	153,331	153,331	-	153,331
Petroleum products, refined - other	-	1,162	1,162	7,991	-	7,991	7,991	1,162	9,153
Chemicals	10,768	1,399	12,167	19,936	1,647	21,583	30,704	3,046	33,750
Tar, pitch and creosote	5,649	-	5,649	2,182	-	2,182	7,831	-	7,831
Iron, pig	-	-	-	3,279	-	3,279	3,279	-	3,279
Iron and steel - billet, bloom and ingot	-	99	99	-	26	26	-	125	125
Iron and steel - bar, rod and slab	-	509	509	-	6,650	6,650	-	7,159	7,159
Iron and steel - other	-	573	573	-	35,102	35,102	-	35,675	35,675
Manufactured iron and steel	-	4,648	4,648	-	31,374	31,374	-	36,022	36,022
Motor vehicles	-	1,983	1,983	-	4,994	4,994	-	6,977	6,977
Cement	-	-	-	-	44	44	-	44	44
Wood pulp	-	-	-	11,160	-	11,160	11,160	-	11,160
Newsprint paper	-	-	-	-	39,380	39,380	-	39,380	39,380
Sugar	-	2	2	20,806	28	20,834	20,806	30	20,836
Scrap iron and steel	17	-	17	13,025	-	13,025	13,042	-	13,042
Domestic package freight	42,358	-	42,358	28,537	-	28,537	70,895	-	70,895
Manufactures and miscellaneous - other	23,056	56,827	79,883	29,447	74,031	103,478	52,503	130,858	183,361
<b>TOTAL</b>	<b>1,393,582</b>	<b>88,150</b>	<b>1,481,732</b>	<b>772,638</b>	<b>199,547</b>	<b>972,185</b>	<b>2,166,220</b>	<b>287,697</b>	<b>2,453,917</b>