

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Price per year \$1.00

## SUMMARY OF CANAL STATISTICS

NOVEMBER, 1954

The volume of freight transported through the Canadian canals in November amounted to 3,514,136 tons, an increase of 217,488 tons or 6.6 per cent over the November, 1953 total of 3,296,648 tons. Increased shipments of barley, oats, petroleum products, sand and other freight through the Welland Ship Canal and barley, oats and soft coal through the St. Lawrence canals resulted in the advance over the preceding November. Although the number of vessel passages dropped to 2,447 from the November, 1953 total of 2,604, the registered net tonnage rose to 3,540,132 tons from 3,264,186. Passengers carried numbered 52 as compared with 84 a year earlier while the number of pleasure craft rose to 410 from 251.

SAULT STE. MARIE CANAL - CANADIAN AND UNITED STATES LOCKS: In November, 6,048,599 tons of freight were shipped through the combined locks of the Sault Ste. Marie system, 2,578,399 tons or 29.9 per cent less than the November, 1953 total of 8,626,998 tons. With the exception of wheat, which rose to 949,275 tons from 887,984, and other freight which advanced to 73,922 tons from 68,586, all eastbound commodities show a decline from the previous November. Iron ore shipments decreased 43.9 per cent to 3,206,302 tons from 5,717,787; other grain fell to 831,997 tons from 954,428, and crude oil dropped to 49,851 tons from 195,397. Total cargo westbound rose, however, to 889,913 tons from 693,591, due to heavier shipments of soft coal, which rose to 586,895 tons from 423,909; oil and gasoline which advanced to 115,844 tons from 77,563; coke, structural steel, salt and stone. The eastbound shipments of freight transported through the Canadian lock declined to 149,607 tons from 215,572 while the westbound total advanced to 95,676 tons from 86,693.

WELLAND SHIP CANAL: Freight traffic through the Welland Ship Canal rose to 2,047,282 tons, a gain of 183,364 tons or 9.8 per cent over the November, 1953 total of 1,863,918 tons. Commodities which were shipped in heavier volume this November include barley, which amounted to 203,716 tons as compared with 161,570 tons in the previous November, oats which rose to 64,019 tons from 26,272, petroleum oils which advanced to 152,736 tons from 109,962, other freight which was up to 338,143 tons from 274,676, as well as, sand, rye, sugar and paper. Decreases were reported for corn, wheat, flour, gasoline, crude oil, autos, soft coal and iron ore. The number of vessels locked through the system totalled 973, down three from the comparable month of 1953 while the registered net tonnage rose to 2,045,085 tons from 1,839,040.

ST. LAWRENCE CANALS: During November, 1,093 vessels aggregating 1,041,929 net tons transported 1,210,780 tons of freight through the St. Lawrence system of canals. In the previous November, 1,091 vessels of 923,341 net tons carried 1,100,257 tons of freight through the series of locks. The increase in freight traffic thus amounted to 110,523 tons or 10 per cent most of which was due to increases in the movement of barley, oats, wheat, and soft coal. The tonnage of barley amounted to 228,705 tons as against 184,904 one year earlier, oat shipments rose to 41,937 tons from 16,513, wheat advanced to 218,646 tons from 195,512 and, soft coal rose to 166,778 tons from 144,877. Gains were also reported for corn, rye, gasoline, petroleum, pulpwood and iron ore. Decreases were registered for flour, autos, woodpulp, and crude oil which eased to 24,900 tons from 56,230.

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

8504-517  
20-12-54

SAULT STE. MARIE CANALS:		1954		1953	
		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
<u>EAST BOUND</u>					
Pulpwood	Tons	-	7,200	4,400	17,700
Lumber	"	-	-	-	-
Flour	"	13,029	13,029	15,891	15,891
Wheat	"	15,287	949,275	37,182	887,984
Other Grain	"	52,027	831,997	76,171	954,428
Copper	"	-	-	-	-
Iron Ore	"	-	3,206,302	-	5,717,787
Scrap Iron	"	-	11,566	-	24,304
Structural Steel	"	6,768	9,484	4,365	40,181
Stone	"	6,060	6,060	11,149	11,149
Crude Oil	"	920	49,851	5,200	195,397
Other Freight	"	55,516	73,922	61,214	68,586
TOTAL	"	149,607	5,158,686	215,572	7,933,407
Passengers	Number	10	39	29	42
<u>WEST BOUND</u>					
Coal, soft	Tons	10,981	586,895	8,443	423,909
Coal, hard	"	-	6,796	-	11,750
Coke	"	-	10,000	-	-
Iron ore	"	-	-	-	21,655
Structural Steel	"	308	31,341	45	11,633
Salt	"	115	14,096	6,026	11,477
Oil and Gasoline	"	44,387	115,844	28,106	77,563
Stone	"	-	74,114	-	55,982
Other Freight	"	39,885	50,827	44,073	79,622
TOTAL	"	95,676	889,913	86,693	693,591
Passengers	Number	11	34	23	34
TOTAL FREIGHT	Tons	245,283	6,048,599	302,265	8,626,998
TOTAL PASSENGERS	Number	21	73	52	76
Pleasure Craft	"	3	3	-	-
Number of Vessels		265	1,337	317	1,762
REGISTERED TONNAGE	NET	437,366	5,083,786	465,276	7,552,044

		November, 1954	November, 1953
<u>WELLAND SHIP CANAL</u>			
Vessels	Number	973	976*
Registered Tonnage	Tons	2,045,085	1,839,040*
Passengers	Number	-	-
Pleasure Craft	"	-	-
Barley	Tons	203,716	161,570
Corn	"	51,022	61,860
Oats	"	64,019	26,272
Rye	"	2,939	-
Wheat	"	269,064	274,031
Flour	"	2,004	2,971
Gasoline	"	38,069	43,639
Crude Oil	"	77,532	81,969
Petroleum & other oils	"	152,736	109,962
Sugar	"	6,995	3,860
Pulpwood	"	12,628	13,670
Autos and Parts	"	113	510
Paper	"	52,786	50,927
Wood Pulp	"	9,451	20,164
Hard Coal	"	-	-
Soft Coal	"	680,676	682,715
Iron Ore	"	43,864	44,420
Sand	"	41,525	10,702*
All Other Freight	"	338,143	274,676*
TOTAL FREIGHT	"	2,047,282	1,863,918*
<u>ST. LAWRENCE CANALS:</u>			
Vessels	Number	1,093	1,091
Registered Tonnage	Tons	1,041,929	923,341
Passengers	Number	-	-
Pleasure Craft	"	12	15
Barley	Tons	228,705	184,904
Corn	"	29,756	27,579
Oats	"	41,937	16,513
Rye	"	10,225	-
Wheat	"	218,646	195,512
Flour	"	1,851	2,217
Gasoline	"	20,485	10,410
Crude Oil	"	24,900	56,230
Petroleum & other Oils	"	82,768	58,407
Sugar	"	30	-
Pulpwood	"	22,930	22,380
Autos and Parts	"	12	689
Paper	"	35,609	32,482
Wood Pulp	"	13,451	16,971
Hard Coal	"	-	2,500
Soft Coal	"	166,778	144,877
Iron ore	"	17,861	11,620
Sand	"	2,900	16,505
All other freight	"	291,936	300,461
TOTAL FREIGHT	"	1,210,780	1,100,257

\* Revised





1010701965

		Ottawa River Canals		Rideau Canal	
		1954	1953	1954	1953
Vessels	No.	-	77	6	9
Registered Tonnage	Tons	-	18,579	342	449
Passengers	No.	-	-	(1) 31	32
Pleasure Craft	"	53	44	293	149
TOTAL FREIGHT	Tons	-	15,340	-	19
		Richelieu River Canal		Trent Canal	
Vessels	No.	65	90	3	2
Registered Tonnage	Tons	10,825	15,741	41	34
Passengers	No.	-	-	(X) -	-
Pleasure Craft	"	-	-	29	22
TOTAL FREIGHT	Tons	10,107	14,244	11	-
		Murray Canal		St. Peter's Canal	
Vessels	No.	9	4	29	36
Registered Tonnage	Tons	2,748	77	1,432	1,517
Passengers	No.	-	-	-	-
Pleasure Craft	"	20	21	-	-
TOTAL FREIGHT	Tons	72	-	517	580
		St. Andrew's Canal		All Canadian Canals	
Vessels	No.	4	2	2,447	2,604
Registered Tonnage	Tons	364	132	3,540,132	3,264,186
Passengers	No.	-	-	52	84
Pleasure Craft	"	-	-	410	251
TOTAL FREIGHT	Tons	84	25	3,514,136	3,296,648

(1) Exclusive of 782 passengers carried in pleasure craft

X Exclusive of 214 passengers carried in small boats.  
One passenger through one lock recorded as "1".