



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Price: \$1.00 a year.

SUMMARY OF CANAL STATISTICS

SEPTEMBER, 1961

The volume of freight transported through Canadian canals during September increased 4 per cent to 7,176,822 tons from 6,902,754 in September, 1960. Heavier traffic was reported by the St. Lawrence, Welland and four of the smaller canals. Increased shipments of wheat, corn, and iron and steel scrap were the main factors in this increase. Although vessel passages through all canals dropped 20.8 per cent to 3,016 from 3,810, the registered net tonnage rose to 6,094,086 tons from 5,997,259. Pleasure craft lockages increased to 16,371 from 12,193 but the number of passengers dropped to 17,863 from 25,876 in the corresponding month last year.

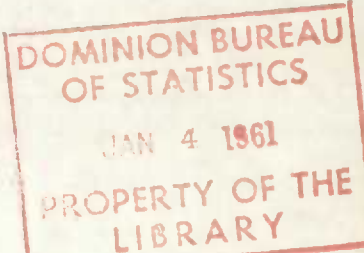
Sault Ste. Marie Canals - Canadian and United States Locks: Freight cleared through the combined system totalled 11,846,802 tons, 4.2 per cent above the 11,373,199 tons carried in September, 1960. Traffic using the Canadian lock dropped to 147,543 tons from 246,732. Eastbound wheat shipments through the combined system increased to 935,054 tons from 861,545 with iron ore up to 8,908,600 tons from 8,234,747 while bituminous coal westbound rose to 1,029,535 tons from 974,041. Total eastbound freight was up 4.9 per cent to 10,435,112 tons from 9,947,910 while westbound traffic declined to 1,411,690 tons from 1,425,289. Vessel passages numbered 2,433 as against 2,744 in the previous September.

Welland Ship Canal: Freight transported through the Welland Ship Canal rose 1.8 per cent to 3,868,223 tons from 3,799,794 in September, 1960. The major increases included wheat, up to 763,363 tons from 600,715, corn up to 267,469 tons from 132,588 and iron and steel scrap up to 129,592 tons from 82,239. Shipments of iron ore declined to 1,035,858 tons from 1,161,376. Total eastbound freight was down to 2,762,312 tons from 2,769,933 while westbound freight rose to 1,105,911 tons from 1,029,861. Vessel passages declined to 973 from 978 but the registered net tonnage increased 4.4 per cent to 3,208,079 tons from 3,072,637 in September, 1960.

St. Lawrence Canals: Heavier movement of wheat, corn and iron ore was largely responsible for the increase in freight traffic through the St. Lawrence canals which rose 12 per cent to 3,044,858 tons from 2,715,435 in September, 1960. Wheat shipments were up to 708,408 tons from 558,828, corn to 236,296 tons from 113,652 and iron ore to 682,853 tons from 510,839. Eastbound traffic increased 11.3 per cent to 1,761,939 tons from 1,582,667 while westbound traffic rose 13.3 per cent to 1,282,919 tons from 1,132,768. During the month 1,141 vessels of 2,368,406 registered net tons passed through the canals compared with 1,545 vessels of 2,274,957 tons in September, 1960.

Prepared in the Transportation Section
Public Finance and Transportation Division.

8504-517-91



SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers(1)	Number of pleasure craft(2)	Tons of freight
<u>September, 1961</u>					
<u>ALL CANADIAN CANALS</u>	3,016	6,094,086	17,863	16,371	7,176,822
Canso Canal	138	91,475	-	34	105,953
Murray Canal	33	1,185	-	335	82
Ottawa River Canals	16	2,775	-	1,720	555
Richelieu River Canal	82	10,482	-	30	6,042
Rideau Canal	13	363	17(3)	5,066	-
St. Andrew's Canal	72	5,878	76(4)	171	3,498
St. Lawrence Canals	1,141	2,368,406	1,422	430	3,044,858
St. Peter's Canal	54	971	-	-	53
Sault Ste. Marie Canal	487	404,395	15,429	..	147,543
Trent Canal	7	77	-(5)	8,441	15
Welland Ship Canal	973	3,208,079	919	144	3,868,223
<u>September, 1960</u>					
<u>ALL CANADIAN CANALS</u>	3,810	5,997,259	25,876	12,193	6,902,754
Canso Canal	163	122,897	-	101	101,066
Murray Canal	21	5,404	-	333	-
Ottawa River Canals	54	26,819	-	-	23,400
Richelieu River Canal	106	16,928	-	16	14,900
Rideau Canal	12	508	11	3,368	27
St. Andrew's Canal	83	4,720	123	244	1,263
St. Lawrence Canals	1,545	2,274,957	4,143	2	2,715,435
St. Peter's Canal	85	2,102	-	3	126
Sault Ste. Marie Canal	754	470,166	20,761	-	246,732
Trent Canal	9	121	4	8,126	11
Welland Ship Canal	978	3,072,637	834	-	3,799,794
<u>September, 1961</u>					
<u>SAULT STE. MARIE CANALS:</u>					
<u>EAST BOUND:</u>					
Canadian Lock	323	143,099	14,573	..	78,937
Can. & U.S. Locks	1,228	..	15,971	..	10,435,112
<u>WEST BOUND:</u>					
Canadian Lock	164	261,296	856	..	68,606
Can. & U.S. Locks	1,205	..	14,640	..	1,411,690
<u>TOTALS:</u>					
Canadian Lock - September - 1961	487	404,395	15,429	..	147,543
Can. & U.S. Locks - September - 1961	2,433	..	30,611	..	11,846,802
Canadian Lock - September - 1960	754	470,166	20,761	..	246,732
Can. & U.S. Locks - September - 1960	2,744	..	39,722	..	11,373,199
<u>WELLAND SHIP CANAL:</u>					
East Bound	488	1,634,153	464	72	2,762,312
West Bound	485	1,573,926	455	72	1,105,911
Totals - September - 1961	973	3,208,079	919	144	3,868,223
Totals - September - 1960	978	3,072,637	834	-	3,799,794
<u>ST. LAWRENCE CANALS:</u>					
East Bound	565	1,190,121	742	255	1,761,939
West Bound	576	1,178,285	680	175	1,282,919
Totals - September - 1961	1,141	2,368,406	1,422	430	3,044,858
Totals - September - 1960	1,545	2,274,957	4,143	2	2,715,435

- (1) One passenger through one lock station recorded as "1".
- (2) One pleasure craft through one lock station recorded as "1".
- (3) Exclusive of 2,540 passengers on sight seeing pleasure boat cruises and 14,906 passengers carried in pleasure craft. (1,625 and 9,344 in 1960).
- (4) Excludes 462 passengers carried in pleasure craft.
- (5) 27,976 passengers carried in small boats (27,315 in 1960).
- .. Figures not available.

SUMMARY OF CANAL STATISTICS

September, 1961

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:									
			tons						
Barley	-	79,282	-	-	-	79,282			
Corn	-	118,875	-	-	-	118,875			
Oats	9,011	64,876	-	-	9,011	64,876			
Rye	-	24,440	-	-	-	24,440			
Wheat	-	935,054	-	-	-	935,054			
Flour, wheat	-	8,161	-	-	-	8,161			
Cereals, milled, n.e.s.	5,585	21,051	-	-	5,585	21,051			
Foods, feeds, beverages and tobacco, n.e.s.	9,425	9,425	1,497	1,497	10,922	10,922			
Flaxseed	-	16,867	-	-	-	16,867			
Pulpwood, lumber and logs	374	55,332	-	-	374	55,332			
Iron ore	-	8,908,600	-	14,560	-	8,923,160			
Iron and steel scrap	-	34,681	-	2,464	-	37,145			
Coal, anthracite	-	-	-	22,869	-	22,869			
Coal, bituminous	-	-	5,551	1,029,535	5,551	1,029,535			
Sand, gravel and stone	4,732	4,732	699	174,844	5,431	179,576			
Paper and woodpulp	18,552	32,362	3,000	3,000	21,552	35,362			
Gasoline	-	-	16,657	41,512	16,657	41,512			
Fuel oil	9,789	15,350	18,166	25,908	27,955	41,258			
Petroleum products, other	2,712	2,712	-	-	2,712	2,712			
Pig iron	-	26,026	-	-	-	26,026			
Iron and steel, manufactured	4,438	47,086	-	21,550	4,438	68,636			
Cement	-	-	-	26,784	-	26,784			
Motor vehicles	308	308	338	469	646	777			
Manufactures and miscellaneous, other	7,774	23,655	5,162	29,162	12,936	52,817			
Domestic package freight	6,237	6,237	17,536	17,536	23,773	23,773			
Totals	78,937	10,435,112	68,606	1,411,690	147,543	11,846,802			
	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WILLAND SHIP CANAL:									
				tons					
Meat and meat preparations	-	3,104	3,104	-	128	128	-	3,232	3,232
Barley	64,251	-	64,251	4,976	-	4,976	69,227	-	69,227
Corn	267,469	-	276,469	-	-	-	267,469	-	267,469
Oats	27,494	-	27,494	-	-	-	27,494	-	27,494
Rye	26,128	-	26,128	-	-	-	26,128	-	26,128
Wheat	752,479	-	752,479	10,884	-	10,884	763,363	-	763,363
Malt	8,325	-	8,325	-	-	-	8,325	-	8,325
Flour, wheat	22,814	-	22,814	305	-	305	23,119	-	23,119
Cereals, milled, n.e.s.	6,569	341	6,910	-	-	-	6,569	341	6,910
Beans and peas	5,233	-	5,233	4	-	4	5,237	-	5,237
Sugar	-	-	-	6,867	-	6,867	6,867	-	6,867
Syrup and molasses	2,150	48	2,198	10,463	34	10,497	12,613	82	12,695
Animal feeds	18,820	75	18,895	-	11	11	18,820	86	18,906
Foods, feeds, beverages and tobacco, n.e.s.	7,544	18,103	25,647	1,859	15,603	17,462	9,403	33,706	43,109
Flaxseed	18,646	-	18,646	-	-	-	18,646	-	18,646
Soyabeans	11,828	-	11,828	-	-	-	11,828	-	11,828
Rubber, natural and synthetic	1,724	7,275	8,999	-	-	-	1,724	7,275	8,999
Pulpwood	25,224	-	25,224	22,774	-	22,774	47,998	-	47,998
Aluminum ore and concentrates	-	-	-	3,416	-	3,416	3,416	-	3,416
Iron ore	467,414	-	467,414	568,444	-	568,444	1,035,858	-	1,035,858
Iron and steel scrap	128,830	762	129,592	-	-	-	128,830	762	129,592
Coal, bituminous	509,281	-	509,281	32,820	-	32,820	542,101	-	542,101
Sand and gravel	13,402	-	13,402	2,250	-	2,250	15,652	-	15,652
Stone, crushed, broken	-	-	-	103,040	-	103,040	103,040	-	103,040
Salt	12,836	-	12,836	-	-	-	12,836	-	12,836
Sulphur	-	-	-	10,851	-	10,851	10,851	-	10,851
Crude materials, inedible, n.e.s.	45,030	9,343	54,373	3,008	2,061	5,069	48,038	11,404	59,442
Woodpulp	-	-	-	2,405	-	2,405	2,405	-	2,405
Newsprint paper	-	-	-	-	52,078	52,078	-	52,078	52,078
Soyabean oil	4,550	-	4,550	-	-	-	4,550	-	4,550
Sodium products	14,959	57	15,016	-	134	134	14,959	191	15,150
Chemicals, n.e.s.	12,369	1,655	14,024	18,934	452	19,386	31,303	2,107	33,410
Gasoline	10,722	-	10,722	22,612	-	22,612	33,334	-	33,334
Fuel oil	64,608	43	64,651	53,851	-	53,851	118,459	43	118,502
Lubricating oils and greases	3,094	772	3,866	26,140	-	26,140	29,234	772	30,006
Coke	35,329	-	35,329	812	-	812	36,141	-	36,141



1010702073

SUMMARY OF CANAL STATISTICS

September, 1961

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
WELLAND SHIP CANAL - Concluded:									
Tar, pitch and creosote	8,692	-	8,692	3,138	-	3,138	11,830	-	11,830
Petroleum products, refined, n.e.s.	13,903	422	14,325	-	-	-	13,903	422	14,325
Pig iron	3,372	-	3,372	11,574	-	11,574	14,946	-	14,946
Iron and steel: ingot, bar, rod and slab	-	9,786	9,786	-	15,002	15,002	-	24,788	24,788
Iron and steel, other	-	498	498	-	853	853	-	1,351	1,351
Iron and steel, manufactured	1,563	8,872	10,435	-	27,274	27,274	1,563	36,146	37,709
Cement	16,373	-	16,373	2,568	-	2,568	18,941	-	18,941
Motor vehicles	-	2,141	2,141	-	3,857	3,857	-	5,998	5,998
Manufactures and miscellaneous, other	16,214	26,166	42,380	11,171	18,148	29,319	27,385	44,314	71,699
Domestic package freight	23,610	-	23,610	35,110	-	35,110	58,720	-	58,720
Totals	2,672,849	89,463	2,762,312	970,276	135,635	1,105,911	3,643,125	225,098	3,868,223
ST. LAWRENCE CANALS:									
Meat and Meat preparations	-	3,194	3,194	-	170	170	-	3,364	3,364
Barley	56,020	-	56,020	4,976	-	4,976	60,996	-	60,996
Corn	236,296	-	236,296	-	-	-	236,296	-	236,296
Oats	10,821	-	10,821	-	-	-	10,821	-	10,821
Rye	23,608	-	23,608	-	-	-	23,608	-	23,608
Wheat	708,408	-	708,408	-	-	-	708,408	-	708,408
Malt	8,325	-	8,325	-	-	-	8,325	-	8,325
Flour, wheat	22,814	-	22,814	-	-	-	22,814	-	22,814
Cereals, milled, n.e.s.	7,072	341	7,413	-	-	-	7,072	341	7,413
Beans and peas	5,233	-	5,233	62	-	62	5,295	-	5,295
Sugar	16	-	16	13,320	-	13,320	13,336	-	13,336
Syrup and molasses	-	48	48	17,251	-	17,251	17,251	48	17,299
Soyabean oil cake and meal	12,219	-	12,219	-	-	-	12,219	-	12,219
Animal feeds	14,178	95	14,273	-	11	11	14,178	106	14,284
Foods, feeds, beverages and tobacco, n.e.s.	9,058	19,172	28,230	201	20,565	20,766	9,259	39,737	48,996
Flaxseed	19,187	-	19,187	-	-	-	19,187	-	19,187
Soyabeans	11,853	-	11,853	3,989	-	3,989	15,842	-	15,842
Rubber, natural and synthetic	1,724	7,286	9,010	-	-	-	1,724	7,286	9,010
Pulpwood	-	-	-	31,604	-	31,604	31,604	-	31,604
Aluminum ore and concentrates	-	-	-	3,416	-	3,416	3,416	-	3,416
Iron ore	73,968	-	73,968	608,885	-	608,885	682,853	-	682,853
Iron and steel scrap	141,424	1,331	142,755	-	-	-	141,424	1,331	142,755
Coal, bituminous	90,637	-	90,637	90,994	-	90,994	181,631	-	181,631
Sand and gravel	1	-	1	6	-	6	7	-	7
Petroleum, crude	-	-	-	35,997	-	35,997	35,997	-	35,997
Phosphate rock	11	-	11	-	-	-	11	-	11
Salt	12,836	-	12,836	-	-	-	12,836	-	12,836
Sulphur	-	-	-	10,851	-	10,851	10,851	-	10,851
Crude materials, inedible, n.e.s.	35,015	12,406	47,421	20,046	2,898	22,944	55,061	15,304	70,365
Woodpulp	-	-	-	2,405	-	2,405	2,405	-	2,405
Newsprint paper	-	-	-	-	36,899	36,899	-	36,899	36,899
Chemicals, n.e.s.	5,840	2,082	7,922	16,565	1,289	17,854	22,405	3,371	25,776
Gasoline	15,685	-	15,685	2,798	-	2,798	18,483	-	18,483
Fuel oil	3,034	43	3,077	179,061	-	179,061	182,095	43	182,138
Lubricating oils and greases	1,375	772	2,147	20,282	-	20,282	21,657	772	22,429
Coke	35,329	-	35,329	-	-	-	35,329	-	35,329
Tar, pitch and creosote	9,240	-	9,240	2,111	-	2,111	11,351	-	11,351
Petroleum products, refined, n.e.s.	5,902	460	6,362	-	19	19	5,902	479	6,381
Pig iron	3,372	-	3,372	11,574	-	11,574	14,946	-	14,946
Iron and steel: ingot, bar, rod and slab	112	10,071	10,183	-	16,359	16,359	112	26,430	26,542
Iron and steel, other	11	2,416	2,427	-	1,247	1,247	11	3,663	3,674
Iron and steel, manufactured	1,818	9,440	11,258	11	35,595	35,606	1,829	45,035	46,864
Motor vehicles	-	2,237	2,237	-	5,172	5,172	-	7,409	7,409
Manufactures and miscellaneous, other	21,172	30,663	51,835	25,016	27,819	52,835	46,188	58,482	104,670
Domestic package freight	56,268	-	56,268	33,455	-	33,455	89,723	-	89,723
Totals	1,659,882	102,057	1,761,939	1,134,876	148,043	1,282,919	2,794,758	250,100	3,044,858(1)

(1) Includes 15,920 tons of non-toll traffic.