

C  
CATALOGUE No.

54-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

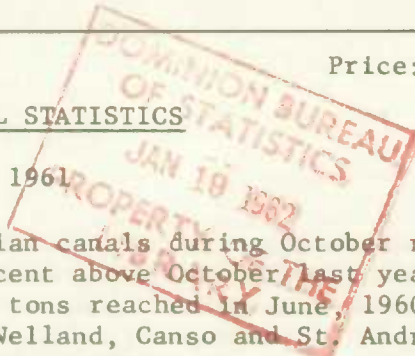
OTTAWA - CANADA

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

Price: \$1.00 a year

## SUMMARY OF CANAL STATISTICS

OCTOBER, 1961



Total freight transported through Canadian canals during October reached a new high of 8,074,953 tons. This was 10.9 per cent above October last year and one per cent above the previous record of 7,996,689 tons reached in June, 1960. Heavier traffic was recorded for the St. Lawrence, Welland, Canso and St. Andrew's canals. Increased shipments of westbound iron ore and eastbound wheat were the main factors in the overall increase. The number of vessel passages dropped to 2,862 from 3,585 but registered net tonnage rose 4.8 per cent to 6,668,140 tons from 6,364,417. Pleasure craft lockages numbered 2,871 as against 1,980 in October 1960 and the number of passengers dropped to 3,768 from 4,817.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight moved through the combined system increased 16.5 per cent to 11,655,031 tons from 10,006,234 in October, 1960. Traffic using the Canadian canal dropped to 141,464 tons from 248,527. Eastbound iron ore which constituted some 72 per cent of all freight through the combined system rose to 8,367,868 tons from 6,566,648. Total eastbound freight increased 20.1 per cent to 10,040,430 tons from 8,357,386 while westbound traffic declined 2.1 per cent to 1,614,601 tons from 1,648,848. Vessel passages through both canals declined to 2,026 from 2,202 in the previous October.

Welland Ship Canal: The total volume of freight cleared through the Welland Ship Canal rose 9.7 per cent to 4,280,442 tons from 3,902,054 in October last year. Iron ore shipments increased to 1,049,911 tons from 758,702, wheat to 904,703 tons from 681,034, corn to 188,763 tons from 102,914 and iron and steel scrap to 160,797 tons from 100,216. Total eastbound traffic through the canal was up 8.4 per cent to 3,072,110 tons from 2,835,087 while westbound traffic increased 13.2 per cent to 1,208,332 tons from 1,066,967. During the month, a total of 1,104 vessels of 3,532,604 registered net tons passed through the canal as compared with 1,113 vessels of 3,321,638 tons in the corresponding month last year.

St. Lawrence Canals: Freight carried through the St. Lawrence canals in October increased 18.8 per cent to 3,521,146 tons from 2,964,161 in October, 1960. Eastbound wheat was up to 890,306 tons from 592,867 while westbound iron ore rose to 746,548 tons from 542,709. Other commodities showing increases included corn, up to 159,849 tons from 77,506, soyabeans up to 131,784 tons from 75,701, and iron and steel scrap up to 158,061 tons from 99,278. Total eastbound freight increased 16.6 per cent to 2,058,197 tons from 1,765,484 while westbound freight rose 22 per cent to 1,462,949 tons from 1,198,677. The number of vessel passages declined to 1,132 from 1,486 but the registered net tonnage increased 9.5 per cent to 2,665,101 tons from 2,433,701 in October, 1960.

Prepared in the Transportation Section  
Public Finance and Transportation Division

8504-517-101

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>October, 1961</u>					
<b>ALL CANADIAN CANALS</b> .....	2,862	6,668,140	3,768	2,871	8,074,953
Canso Canal .....	149	98,451	-	16	112,444
Murray Canal .....	12	1,384	-	69	-
Ottawa River Canals .....	10	2,438	-	373	222
Richelieu River Canal .....	105	16,944	-	10	15,811
Rideau Canal .....	13	301	27(3)	695	-
St. Andrew's Canal .....	36	4,654	41(4)	47	3,334
St. Lawrence Canals .....	1,132	2,665,101	352	70	3,521,146
St. Peter's Canal .....	29	867	-	1	86
Sault Ste. Marie Canal .....	270	345,374	3,158	..	141,464
Trent Canal .....	2	22	-(5)	1,557	4
Welland Ship Canal .....	1,104	3,532,604	190	33	4,280,442
<u>October, 1960</u>					
<b>ALL CANADIAN CANALS</b> .....	3,585	6,364,417	4,817	1,980	7,281,138
Canso Canal .....	138	82,383	-	3	104,897
Murray Canal .....	13	4,723	4	61	-
Ottawa River Canals .....	96	47,136	-	-	42,300
Richelieu River Canal .....	117	20,406	-	5	18,055
Rideau Canal .....	5	295	7	620	-
St. Andrew's Canal .....	58	3,246	36	87	1,049
St. Lawrence Canals .....	1,486	2,433,701	130	-	2,964,161
St. Peter's Canal .....	59	1,767	-	-	90
Sault Ste. Marie Canal .....	497	449,089	4,530	-	248,527
Trent Canal .....	3	33	9	1,204	5
Welland Ship Canal .....	1,113	3,321,638	101	-	3,902,054
<u>October, 1961</u>					
<b>SAULT STE. MARIE CANALS:</b>					
<b>EAST BOUND:</b>					
Canadian Lock .....	149	129,744	3,044	..	84,071
Can. & U.S. Locks .....	1,019	..	3,044	..	10,040,430
<b>WEST BOUND:</b>					
Canadian Lock .....	121	215,630	114	..	57,393
Can. & U.S. Locks .....	1,007	..	3,112	..	1,614,601
<b>TOTALS:</b>					
Canadian Lock - October - 1961 .....	270	345,374	3,158	..	141,464
Can. & U.S. Locks - October - 1961 .....	2,026	..	6,156	..	11,655,031
Canadian Lock - October - 1960 .....	497	449,089	4,530	..	248,527
Can. & U.S. Locks - October - 1960 .....	2,202	..	9,310	..	10,006,234
<b>WELLAND SHIP CANAL:</b>					
East Bound .....	552	1,729,563	52	25	3,072,110
West Bound .....	552	1,803,041	138	8	1,208,332
Totals - October - 1961 .....	1,104	3,532,604	190	33	4,280,442
Totals - October - 1960 .....	1,113	3,321,638	101	-	3,902,054
<b>ST. LAWRENCE CANALS:</b>					
East Bound .....	562	1,293,937	142	44	2,058,197
West Bound .....	570	1,371,164	210	26	1,462,949
Totals - October - 1961 .....	1,132	2,665,101	352	70	3,521,146
Totals - October - 1960 .....	1,486	2,433,701	130	-	2,964,161

(1) One passenger through one lock station recorded as "1".

(2) One pleasure craft through one lock station recorded as "1".

(3) Exclusive of — passengers on sight seeing pleasure boat cruises and 1,892 passengers carried in pleasure craft. (140 and 1,551 in 1960).

(4) Excludes 98 passengers in pleasure craft.

(5) 5,006 passengers carried in small boats (3,797 in 1960).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

October, 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:									
Barley .....	3,369	182,560	-	-	3,369	182,560			
Corn .....	-	36,733	-	-	-	36,733			
Oats .....	2,316	61,335	-	-	2,316	61,335			
Rye .....	-	50,850	-	-	-	50,850			
Wheat .....	4,085	1,050,563	-	-	4,085	1,050,563			
Flour, wheat .....	-	11,519	60	60	60	11,579			
Cereals, milled, n.e.s. ....	2,722	10,625	-	-	2,722	10,625			
Foods, feeds, beverages and tobacco, n.e.s. ....	13,829	13,829	738	738	14,567	14,567			
Flaxseed .....	-	32,853	-	-	-	32,853			
Pulpwood, lumber and logs .....	1,725	24,025	1,445	1,445	3,170	25,470			
Iron ore .....	-	8,367,868	-	9,856	-	8,377,724			
Iron and steel scrap .....	-	57,063	-	9,769	-	66,832			
Coal, anthracite .....	-	-	-	10,512	-	10,512			
Coal, bituminous .....	-	-	5,160	1,147,606	5,160	1,147,606			
Sand, gravel and stone .....	772	772	-	199,411	772	200,183			
Paper and woodpulp .....	24,806	34,409	-	-	24,806	34,409			
Gasoline .....	-	-	5,419	37,789	5,419	37,789			
Fuel oil .....	6,279	16,538	21,717	63,866	27,996	80,404			
Petroleum products, other .....	2,813	8,911	3,866	3,866	6,679	12,777			
Pig iron .....	-	17,425	-	-	-	17,425			
Iron and steel, manufactured .....	2,298	33,372	122	22,058	2,420	55,430			
Cement .....	-	-	-	28,374	-	28,374			
Motor vehicles .....	-	-	22	197	22	197			
Manufactures and miscellaneous, other .....	8,990	19,113	3,076	63,286	12,066	82,399			
Domestic package freight .....	10,067	10,067	15,768	15,768	25,835	25,835			
Totals .....	84,071	10,040,430	57,393	1,614,601	141,464	11,655,031			
tons									
	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Meat and meat preparations .....	-	4,910	4,910	-	134	134	-	5,044	5,044
Barley .....	107,661	-	107,661	12,354	-	12,354	120,015	-	120,015
Corn .....	188,763	-	188,763	-	-	-	188,763	-	188,763
Oats .....	43,647	-	43,647	-	-	-	43,647	-	43,647
Rye .....	46,947	-	46,947	-	-	-	46,947	-	46,947
Wheat .....	898,945	-	898,945	5,758	-	5,758	904,703	-	904,703
Malt .....	3,442	-	3,442	-	-	-	3,442	-	3,442
Flour, wheat .....	35,213	-	35,213	1,043	-	1,043	36,256	-	36,256
Cereals, milled, n.e.s. ....	9,357	556	9,913	-	-	-	9,357	556	9,913
Beans and peas .....	27,114	-	27,114	17	-	17	27,131	-	27,131
Sugar .....	-	-	-	5,336	-	5,336	5,336	-	5,336
Syrup and molasses .....	-	-	-	3,558	-	3,558	3,558	-	3,558
Animal feeds .....	4,838	177	5,015	51	16	67	4,889	193	5,082
Foods, feeds, beverages and tobacco, n.e.s. ....	13,371	13,974	27,345	584	19,695	20,279	13,955	33,669	47,624
Flaxseed .....	23,206	-	23,206	-	-	-	23,206	-	23,206
Soyabean oil .....	210,868	-	210,868	-	-	-	210,868	-	210,868
Rubber, natural and synthetic .....	261	5,066	5,327	-	3,865	3,865	261	8,931	9,192
Pulpwood .....	2,997	-	2,997	9,536	-	9,536	12,533	-	12,533
Aluminum ore and concentrates .....	-	-	-	20,134	-	20,134	20,134	-	20,134
Iron ore .....	428,049	-	428,049	621,862	-	621,862	1,049,911	-	1,049,911
Iron and steel scrap .....	160,178	619	160,797	-	-	-	160,178	619	160,797
Coal, bituminous .....	519,036	-	519,036	27,155	-	27,155	546,191	-	546,191
Sand and gravel .....	1,885	-	1,885	11,589	-	11,589	13,474	-	13,474
Stone, crushed, broken .....	-	-	-	77,242	-	77,242	77,242	-	77,242
Salt .....	16,423	-	16,423	-	-	-	16,423	-	16,423
Sulphur .....	-	-	-	3,110	-	3,110	3,110	-	3,110
Crude materials, inedible, n.e.s. ....	31,819	10,043	41,862	35,099	1,644	36,743	66,918	11,687	78,605
Woodpulp .....	-	-	-	18,349	-	18,349	18,349	-	18,349
Newsprint paper .....	-	3,127	3,127	-	63,706	63,706	-	66,833	66,833
Soyabean oil .....	5,938	-	5,938	-	-	-	5,938	-	5,938
Sodium products .....	11,582	144	11,726	-	183	183	11,582	327	11,909
Chemicals, n.e.s. ....	2,292	2,498	4,790	735	986	1,721	3,027	3,484	6,511
Gasoline .....	4,172	-	4,172	24,216	-	24,216	28,388	-	28,388
Fuel oil .....	62,925	-	62,925	57,681	-	57,681	120,606	-	120,606
Lubricating oils and greases .....	-	1,764	1,764	24,903	-	24,903	24,903	1,764	26,667
Coke .....	29,028	-	29,028	333	-	333	29,361	-	29,361



1010702074

SUMMARY OF CANAL STATISTICS

October, 1961

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
<b>WELLAND SHIP CANAL - Concluded:</b>									
Tar, pitch and creosote .....	12,473	45	12,518	-	-	-	12,473	45	12,518
Petroleum products, refined, n.e.s. ....	248	300	548	-	28	28	248	328	576
Pig iron .....	16,642	-	16,642	16,553	-	16,553	33,195	-	33,195
Iron and steel: ingot, bar, rod and slab .....	315	44	359	-	18,585	18,585	315	18,629	18,944
Iron and steel, other .....	-	520	520	-	652	652	-	1,172	1,172
Iron and steel, manufactured .....	803	7,641	8,444	3	40,857	40,860	806	48,498	49,304
Cement .....	8,725	-	8,725	-	-	-	8,725	-	8,725
Motor vehicles .....	-	11,392	11,392	-	4,893	4,893	-	16,285	16,285
Manufactures and miscellaneous, other .....	23,836	26,950	50,786	18,562	29,152	47,714	42,398	56,102	98,500
Domestic package freight .....	29,341	-	29,341	28,173	-	28,173	57,514	-	57,514
<b>Totals .....</b>	<b>2,982,340</b>	<b>89,770</b>	<b>3,072,110</b>	<b>1,023,936</b>	<b>184,396</b>	<b>1,208,332</b>	<b>4,006,276</b>	<b>274,166</b>	<b>4,280,442</b>
<b>ST. LAWRENCE CANALS:</b>									
Meat and Meat preparations .....	-	4,954	4,954	-	141	141	-	5,095	5,095
Barley .....	83,548	-	83,548	12,354	-	12,354	95,902	-	95,902
Corn .....	159,849	-	159,849	-	-	-	159,849	-	159,849
Oats .....	37,960	-	37,960	-	-	-	37,960	-	37,960
Rye .....	46,614	-	46,614	-	-	-	46,614	-	46,614
Wheat .....	890,306	-	890,306	5,758	-	5,758	896,064	-	896,064
Malt .....	3,442	-	3,442	-	-	-	3,442	-	3,442
Flour, wheat .....	35,213	14	35,227	-	-	-	35,213	14	35,227
Cereals, milled, n.e.s. ....	9,859	556	10,415	-	-	-	9,859	556	10,415
Beans and peas .....	19,776	-	19,776	17	-	17	19,793	-	19,793
Sugar .....	100	-	100	46,631	-	46,631	46,731	-	46,731
Syrup and molasses .....	-	-	-	10,223	-	10,223	10,223	-	10,223
Soyabean oil cake and meal .....	16,033	-	16,033	-	-	-	16,033	-	16,033
Animal feeds .....	5,129	213	5,342	81	70	151	5,210	283	5,493
Foods, feeds, beverages and tobacco, n.e.s. ....	7,467	15,384	22,851	1,777	32,929	34,706	9,244	48,313	57,557
Flaxseed .....	21,460	-	21,460	-	-	-	21,460	-	21,460
Soyabeans .....	131,784	-	131,784	-	-	-	131,784	-	131,784
Rubber, natural and synthetic ....	261	5,083	5,344	-	5,534	5,534	261	10,617	10,878
Pulpwood .....	-	-	-	9,536	-	9,536	9,536	-	9,536
Aluminum ore and concentrates ....	-	-	-	20,134	-	20,134	20,134	-	20,134
Iron ore .....	29,725	-	29,725	746,048	-	746,048	775,773	-	775,773
Iron and steel scrap .....	157,245	735	157,980	81	-	81	157,326	735	158,061
Coal, bituminous .....	76,615	-	76,615	90,768	-	90,768	167,383	-	167,383
Sand and gravel .....	-	-	-	213	-	213	213	-	213
Petroleum, crude .....	-	-	-	-	-	-	-	-	-
Phosphate rock .....	-	-	-	3,400	-	3,400	3,400	-	3,400
Salt .....	16,423	-	16,423	-	-	-	16,423	-	16,423
Sulphur .....	-	-	-	3,110	-	3,110	3,110	-	3,110
Crude materials, inedible, n.e.s. ....	30,812	13,302	44,114	29,327	3,565	32,892	60,139	16,867	77,006
Woodpulp .....	-	-	-	18,349	-	18,349	18,349	-	18,349
Newsprint paper .....	-	2,057	2,057	-	43,904	43,904	-	45,961	45,961
Chemicals, n.e.s. ....	36	3,000	3,036	-	2,716	2,716	36	5,716	5,752
Gasoline .....	1,444	-	1,444	7,528	-	7,528	8,972	-	8,972
Fuel oil .....	25,752	-	25,752	151,584	-	151,584	177,336	-	177,336
Lubricating oils and greases ....	67	1,764	1,831	11,602	-	11,602	11,669	1,764	13,433
Coke .....	29,028	-	29,028	-	-	-	29,028	-	29,028
Tar, pitch and creosote .....	13,495	59	13,554	-	50	50	13,495	109	13,604
Petroleum products, refined, n.e.s. ....	2,186	381	2,567	-	28	28	2,186	409	2,595
Pig iron .....	16,642	-	16,642	16,553	-	16,553	33,195	-	33,195
Iron and steel: ingot, bar, rod and slab .....	315	425	740	-	21,293	21,293	315	21,718	22,033
Iron and steel, other .....	-	3,136	3,136	-	1,117	1,117	-	4,253	4,253
Iron and steel, manufactured .....	152	8,341	8,493	228	51,012	51,240	380	59,353	59,733
Motor vehicles .....	-	11,437	11,437	-	6,212	6,212	-	17,649	17,649
Manufactures and miscellaneous, other .....	24,077	29,641	53,718	39,759	45,539	85,298	63,836	75,180	139,016
Domestic package freight .....	64,900	-	64,900	23,778	-	23,778	88,678	-	88,678
<b>Totals .....</b>	<b>1,957,715</b>	<b>100,482</b>	<b>2,058,197</b>	<b>1,248,839</b>	<b>214,110</b>	<b>1,462,949</b>	<b>3,206,554</b>	<b>314,592</b>	<b>3,521,146(1)</b>

(1) Includes 10,711 tons of non-toll traffic.