

CATALOGUE No.

54-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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

Vol. 43, No. 8

Price: \$1.00 a year

## SUMMARY OF CANAL STATISTICS

AUGUST 1962

The volume of freight transported through Canadian canals during August increased 5.9 per cent to 7,808,995 tons from 7,374,372 in the corresponding month last year. Increases were recorded for the St. Lawrence, Welland and three of the smaller canals. Vessel passages through all canals dropped to 3,335 from 4,096 but the registered net tonnage increased to 6,976,164 tons from 6,939,435. The number of passengers carried dropped to 67,159 from 73,241 while pleasure craft lockages rose to 52,581 from 51,972.

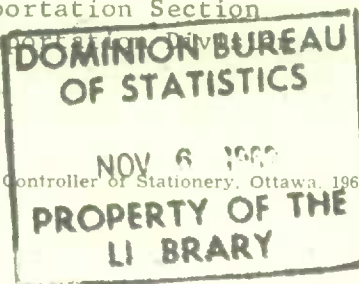
Sault Ste. Marie Canals - Canadian and United States Locks: Total freight carried through the combined system declined 8.6 per cent to 11,625,165 tons from 12,717,064 in August 1961. Traffic using the Canadian canal was down to 142,648 tons from 162,166. Minor increases in westbound shipments through both canals were more than offset by declines in eastbound shipments of iron ore, down 918,159 tons, and wheat, down 306,374 tons. Total eastbound traffic dropped to 9,936,754 tons from 11,067,087 while westbound freight rose to 1,688,411 tons from 1,649,977. Vessel passages dropped to 2,638 from 3,043 in the previous August.

Welland Ship Canal: Traffic cleared through the Welland Ship Canal increased 6.2 per cent to 4,333,431 tons from 4,079,380 in August 1961. All grains except wheat recorded increases and although wheat shipments dropped to 333,040 tons from 610,313, iron ore shipments rose to 1,542,517 tons from 1,217,066. Total eastbound freight declined 5.9 per cent to 2,794,530 tons from 2,970,469 but westbound traffic was up 38.8 per cent, rising to 1,538,901 tons from 1,108,911. Vessel passages totalled 1,045 with a registered net tonnage of 3,727,919 tons as against 1,097 vessels of 3,737,622 tons in August 1961.

St. Lawrence Canals: Total freight shipped through the St. Lawrence canals in August increased 7.1 per cent to 3,194,139 tons from 2,982,912 in the corresponding month last year. Eastbound traffic was down 13.4 per cent to 1,548,980 tons from 1,788,662 due mainly to a decline in wheat shipments which fell to 273,962 tons from 641,570 and in iron and steel scrap, down to 24,583 tons from 170,163. With westbound iron ore up to 933,226 tons from 606,137, total westbound traffic increased 37.8 per cent to 1,645,159 tons from 1,194,250. The number of vessel passages declined to 1,159 from 1,580 while the registered net tonnage rose to 2,769,430 tons from 2,523,443 in August last year.

Prepared in the Transportation Section  
Public Finance and Transportation

November 1962  
8504-517



SUMMARY OF CANAL STATISTICS

August 1962

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tonnage of freight
<u>August 1962</u>					
<b>ALL CANADIAN CANALS</b> .....	3,335	6,976,164	67,159	52,581	7,808,995
Canso Canal .....	160	115,802	9	115	125,107
Murray Canal .....	57	2,522	-	1,001	-
Ottawa River Canals .....	5	508	-	2,338	-
Richelieu River Canal .....	138	16,076	-	58	12,914
Rideau Canal .....	14	539	39(2)	15,926	-
St. Andrew's Canal .....	53	2,406	103(3)	317	459
St. Lawrence Canals .....	1,159	2,769,430	3,237	500	3,194,139
St. Peter's Canal .....	60	1,522	2	18	278
Sault Ste. Marie Canal .....	637	339,363	63,511	164	142,648
Trent Canal .....	7	77	..	32,000(4)	19
Welland Ship Canal .....	1,045	3,727,919	257	144	4,333,431
<u>August 1961</u>					
<b>ALL CANADIAN CANALS</b> .....	4,096	6,939,435	73,241	51,972	7,374,372
Canso Canal .....	157	86,243	-	44	96,393
Murray Canal .....	69	4,280	27	932	-
Ottawa River Canals .....	154	40,964	-	1,729	35,100
Richelieu River Canal .....	141	18,323	-	52	17,731
Rideau Canal .....	33	700	94	15,115	-
St. Andrew's Canal .....	65	2,674	226	409	527
St. Lawrence Canals .....	1,580	2,523,443	3,380	1,334	2,982,912
St. Peter's Canal .....	93	1,512	-	11	149
Sault Ste. Marie Canal .....	697	523,560	69,168	..	162,166
Trent Canal .....	10	114	-	32,079	14
Welland Ship Canal .....	1,097	3,737,622	346	267	4,079,380
<u>August 1962</u>					
<b>SAULT STE. MARIE CANALS:</b>					
<u>East Bound:</u>					
Canadian Lock .....	499	182,858	59,764	80	100,345
Can. & U.S. Locks .....	1,322	..	62,147	80	9,936,754
<u>West Bound:</u>					
Canadian Lock .....	138	156,505	3,747	84	42,303
Can. & U.S. Locks .....	1,316	..	58,615	84	1,688,411
<u>Totals:</u>					
Canadian Lock - August 1962 .....	637	339,363	63,511	164	142,648
Can. & U.S. Locks - August 1962 .....	2,638	..	120,762	164	11,625,165
Canadian Lock - August 1961 .....	697	523,560	69,168	..	162,166
Can. & U.S. Locks - August 1961 .....	3,043	..	130,424	..	12,717,064
<u>WELLAND SHIP CANAL:</u>					
East Bound .....	530	1,845,378	230	72	2,794,530
West Bound .....	515	1,882,541	27	72	1,538,901
Totals - August 1962 .....	1,045	3,727,919	257	144	4,333,431
Totals - August 1961 .....	1,097	3,737,622	346	267	4,079,380
<u>ST. LAWRENCE CANALS:</u>					
East Bound .....	577	1,354,164	1,731	250	1,548,980
West Bound .....	582	1,415,266	1,506	250	1,645,159
Totals - August 1962 .....	1,159	2,769,430	3,237	500	3,194,139
Totals - August 1961 .....	1,580	2,523,443	3,380	1,334	2,982,912

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

(2) Exclusive of 6,488 passengers on sight seeing pleasure boat cruises and 49,933 passengers carried in pleasure craft. (6,261 and 48,119 in 1961).

(3) Excludes 1,016 passengers carried in pleasure craft.

(4) Estimated.

.. Figures not available.



SUMMARY OF CANAL STATISTICS

August 1962

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>						
Barley .....	2,706	109,023	-	-	2,706	109,023
Corn .....	-	77,998	-	-	-	77,998
Oats .....	2,739	75,509	-	-	2,739	75,509
Rye .....	-	25,780	-	-	-	25,780
Wheat .....	6,780	461,027	-	-	6,780	461,027
Flour, wheat .....	-	12,935	35	35	35	12,970
Cereals, milled, n.e.s. ....	5,576	71,531	-	7,643	5,576	79,174
Foods, beverages, tobacco, n.e.s. ....	14,245	14,245	1,041	1,041	15,286	15,286
Flaxseed .....	-	17,593	-	-	-	17,593
Pulpwood, lumber and logs .....	6,025	47,874	600	765	6,625	48,639
Iron ore .....	-	8,837,096	-	-	-	8,837,096
Iron and steel scrap .....	-	-	-	7,150	-	7,150
Coal, anthracite .....	-	-	-	12,575	-	12,575
Coal, bituminous .....	-	-	11,753	1,264,651	11,753	1,264,651
Sand, gravel and stone .....	9,440	9,440	-	192,971	9,440	202,411
Paper and woodpulp .....	29,747	41,974	-	-	29,747	41,974
Gasoline .....	-	-	2,861	28,858	2,861	28,858
Fuel oil .....	-	7,419	13,776	54,310	13,776	61,729
Petroleum products, other .....	3,026	18,676	-	-	3,026	18,676
Pig iron .....	-	27,445	2,241	2,241	2,241	29,686
Iron and steel, manufactured ....	14,651	60,039	71	3,435	14,722	63,474
Cement .....	-	-	-	44,739	-	44,739
Motor vehicles .....	-	70	-	1,146	-	1,216
Miscellaneous freight, n.e.s. ....	1,828	17,498	4,154	61,080	5,982	78,578
Domestic package freight .....	3,582	3,582	5,771	5,771	9,353	9,353
Totals .....	100,345	9,936,754	42,303	1,688,411	142,648	11,625,165
	East Bound		West Bound		Total	
	Bulk	General	Total	Bulk	General	Total

WINDLAND SHIP CANAL:

Commodities	East Bound		West Bound		Total	
	Bulk	General	Bulk	General	Bulk	General
<b>WINDLAND SHIP CANAL:</b>						
Meat and meat preparations .....	-	3,349	-	158	-	3,507
Barley .....	99,131	-	99,131	-	99,131	-
Corn .....	403,856	-	403,856	-	403,856	-
Oats .....	87,464	-	87,464	-	87,464	-
Rye .....	24,960	-	24,960	-	24,960	-
Wheat .....	333,040	-	333,040	-	333,040	-
Malt .....	8,928	-	8,928	-	8,928	-
Flour, wheat .....	24,051	-	24,051	-	24,051	-
Cereals, milled, n.e.s. ....	14,921	308	15,229	-	14,921	308
Beans and peas, dried .....	6,640	-	6,640	-	6,640	-
Sugar .....	-	-	-	1,927	-	1,927
Syrup and molasses .....	2,200	-	2,200	15,667	-	17,867
Margarine, shortening and lard ..	4,673	843	5,516	-	4,673	843
Fodder and feed .....	29,562	126	29,688	91	91	29,779
Foods, beverages, tobacco, n.e.s. ....	1,762	20,405	22,167	345	8,892	9,237
Flaxseed .....	13,284	-	13,284	-	13,284	-
Soybeans .....	107,753	-	107,753	-	107,753	-
Rubber, natural and synthetic ...	70	4,014	4,084	-	1,622	70
Pulpwood .....	16,714	-	16,714	36,713	-	53,427
Aluminum ore and concentrate ....	-	-	-	8,960	-	8,960
Iron ore .....	578,810	-	578,810	963,707	-	1,542,517
Iron and steel scrap .....	13,649	-	13,649	-	-	13,649
Coal, bituminous .....	622,165	-	622,165	19,836	-	642,001
Clay and bentonite .....	8,695	330	9,025	2,352	-	11,047
Sand and gravel .....	1,880	-	1,880	1,908	-	3,788
Stone, crushed, broken .....	-	-	-	127,297	-	127,297
Salt .....	48,161	-	48,161	-	-	48,161
Sulphur .....	-	-	-	-	-	-
Crude materials, inedible, n.e.s. ....	2,233	24,516	26,749	32,042	1,754	34,275
Woodpulp .....	347	-	347	5,833	-	6,180
Newsprint paper .....	-	-	-	-	54,202	-
Fish and animal oils .....	14,077	109	14,186	-	16	14,077
Soyabean oil .....	10,218	-	10,218	-	-	10,218
Sodium products .....	16,843	170	17,013	-	10	16,843
Chemicals and related products, n.e.s. ....	17,304	8,999	26,303	20,733	2,304	38,037
Gasoline .....	3,819	-	3,819	25,672	-	29,491
Fuel oil .....	78,972	-	78,972	51,649	-	130,621
Lubricating oils and greases ....	4,417	692	5,109	10,537	5	14,954
Coke .....	18,929	-	18,929	-	-	18,929





SUMMARY OF CANAL STATISTICS

August 1962

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND SHIP CANAL - Concluded:</b>									
tons									
Tar, pitch and creosote .....	6,085	-	6,085	4,407	-	4,407	10,492	-	10,492
Petroleum and coal products, n.e.s. ....	2,388	1,186	3,574	-	41	41	2,388	1,227	3,615
Pig iron .....	11,796	-	11,796	30,336	-	30,336	42,132	-	42,132
Iron and steel: ingot, bar, rod, etc. ....	-	105	105	-	13,846	13,846	-	13,951	13,951
Steel: plate, sheet and strip ....	-	10,160	10,160	-	567	567	-	10,727	10,727
Iron and steel, n.e.s. ....	-	8,255	8,255	-	19,123	19,123	-	27,378	27,378
Cement .....	8,175	12	8,187	2,592	52	2,644	10,767	64	10,831
Machinery, equipment and parts ...	-	10,945	10,945	-	1,747	1,747	-	12,692	12,692
Motor vehicles and parts .....	-	7,112	7,112	-	5,276	5,276	-	12,388	12,388
Miscellaneous freight, n.e.s. ....	4,614	17,055	21,669	4,310	25,445	29,755	8,924	42,500	51,424
Domestic package freight .....	23,253	-	23,253	36,927	-	36,927	60,180	-	60,180
<b>Totals .....</b>	<b>2,675,839</b>	<b>118,691</b>	<b>2,794,530</b>	<b>1,403,750</b>	<b>135,151</b>	<b>1,538,901</b>	<b>4,079,589</b>	<b>253,842</b>	<b>4,333,431</b>
<b>ST. LAWRENCE CANALS:</b>									
Meat and meat preparations .....	-	3,548	3,548	-	467	467	-	4,015	4,015
Barley .....	88,537	-	88,537	-	-	-	88,537	-	88,537
Corn .....	383,137	-	383,137	-	559	559	383,696	-	383,696
Oats .....	91,930	-	91,930	1,928	-	1,928	93,858	-	93,858
Rye .....	24,960	-	24,960	-	-	-	24,960	-	24,960
Wheat .....	273,962	-	273,962	-	-	-	273,962	-	273,962
Malt .....	5,576	-	5,576	-	-	-	5,576	-	5,576
Flour, wheat .....	24,051	-	24,051	-	-	-	24,051	-	24,051
Cereals, milled, n.e.s. ....	14,921	308	15,229	-	30	30	14,921	338	15,259
Beans and peas, dried .....	6,685	-	6,685	-	-	-	6,685	-	6,685
Sugar .....	-	-	-	15,818	-	15,818	15,818	-	15,818
Syrup and molasses .....	-	-	-	-	-	-	-	-	-
Margarine, shortening and lard ...	4,673	843	5,516	-	-	-	4,673	843	5,516
Soyabean oil cake and meal .....	21,569	-	21,569	-	-	-	21,569	-	21,569
Fodder and feed, n.e.s. ....	24,227	126	24,353	31	95	126	24,258	221	24,479
Foods, beverages, tobacco, n.e.s. ...	1,971	21,969	23,940	488	14,548	15,036	2,459	36,517	38,976
Flaxseed .....	14,140	-	14,140	2,259	-	2,259	16,399	-	16,399
Soyabeans .....	83,658	-	83,658	-	-	-	83,658	-	83,658
Rubber, natural and synthetic ....	70	4,070	4,140	-	2,114	2,114	70	6,184	6,254
Pulpwood .....	-	-	-	51,436	-	51,436	51,436	-	51,436
Aluminum ore and concentrates ....	-	-	-	8,960	-	8,960	8,960	-	8,960
Iron ore .....	30,548	-	30,548	933,226	-	933,226	963,774	-	963,774
Iron and steel scrap .....	24,583	-	24,583	-	-	-	24,583	-	24,583
Coal, bituminous .....	73,718	-	73,718	132,104	-	132,104	205,822	-	205,822
Clay and bentonite .....	8,695	332	9,027	2,352	-	2,352	11,047	332	11,379
Sand and gravel .....	-	-	-	2,248	-	2,248	2,248	-	2,248
Petroleum, crude .....	-	-	-	41,048	-	41,048	41,048	-	41,048
Phosphate rock .....	-	-	-	7,638	-	7,638	7,638	-	7,638
Salt .....	38,250	-	38,250	-	-	-	38,250	-	38,250
Sulphur .....	-	-	-	6,727	-	6,727	6,727	-	6,727
Crude materials, inedible, n.e.s. ...	5,357	27,184	32,541	15,526	3,881	19,407	20,883	31,065	51,948
Woodpulp .....	347	-	347	5,833	-	5,833	6,180	-	6,180
Newsprint paper .....	-	183	183	-	34,951	34,951	-	35,134	35,134
Fish and animal oils .....	13,511	123	13,634	-	42	42	13,511	165	13,676
Chemicals and related products ...	20,541	10,286	30,827	18,105	7,006	25,111	38,646	17,292	55,938
Gasoline .....	2,359	-	2,359	4,933	-	4,933	7,292	-	7,292
Fuel oil .....	15,255	-	15,255	176,311	-	176,311	191,566	-	191,566
Lubricating oils and greases .....	-	692	692	3,453	5	3,458	3,453	697	4,150
Coke .....	18,929	-	18,929	-	-	-	18,929	-	18,929
Tar, pitch and creosote .....	3,059	-	3,059	-	-	-	3,059	-	3,059
Petroleum and coal products, n.e.s. ....	-	1,203	1,203	-	68	68	-	1,271	1,271
Pig iron .....	11,796	-	11,796	30,336	-	30,336	42,132	-	42,132
Iron and steel: ingot, bar, rod, etc. ....	-	633	633	-	17,848	17,848	-	18,481	18,481
Steel: plate, sheet and strip ....	-	11,937	11,937	-	724	724	-	12,661	12,661
Iron and steel, n.e.s. ....	416	12,483	12,899	-	24,599	24,599	416	37,082	37,498
Machinery, equipment and parts ...	25	11,613	11,638	-	3,129	3,129	25	14,742	14,767
Motor vehicles and parts .....	-	7,192	7,192	-	6,054	6,054	-	13,246	13,246
Miscellaneous freight, n.e.s. ....	26,667	28,398	55,065	7,567	38,027	45,594	34,234	66,425	100,659
Domestic package freight .....	47,734	-	47,734	22,685	-	22,685	70,419	-	70,419
<b>Totals .....</b>	<b>1,405,857</b>	<b>143,123</b>	<b>1,548,980</b>	<b>1,491,571</b>	<b>153,588</b>	<b>1,645,159</b>	<b>2,897,428</b>	<b>296,711</b>	<b>3,194,139</b>

(1) Includes 15,680 tons of non-toll traffic.