



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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SUMMARY OF CANAL STATISTICS

AUGUST, 1961

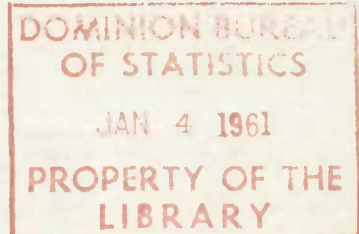
The total tonnage of freight cleared through Canadian Canals during August rose 2.8 per cent to 7,374,372 tons from 7,172,676 tons in August, 1960. Increased freight traffic was recorded for the St. Lawrence, Welland and Richelieu River canals. The number of vessel passages was down 9.8 per cent to 4,096 from 4,540 but the registered net tonnage increased 11.9 per cent to 6,939,435 tons from 6,202,175. Pleasure craft lockages rose to 51,972 from 42,959 but the number of passengers dropped to 73,241 from 78,995 in August, 1960.

Sault Ste. Marie Canals - Canadian and United States Locks: The volume of freight locked through the combined system declined to 12,717,064 tons from 12,974,466 in the corresponding month last year. Traffic using the Canadian lock was down 21.3 per cent to 162,166 tons from 206,077. Minor increases in westbound shipments through both canals were more than offset by a decline of 243,070 tons in the eastbound movement of iron ore. Total eastbound freight declined 2.9 per cent to 11,067,087 tons from 11,400,873, while westbound traffic rose 4.9 per cent to 1,649,977 tons from 1,573,593. Vessel passages dropped to 3,043 from 3,502 in the previous August.

Welland Ship Canal: Freight tonnage moved through the Welland Ship Canal increased 4.9 per cent to 4,079,380 tons from 3,887,685 in August last year. Eastbound traffic was up 8.8 per cent to 2,970,469 tons from 2,731,453, but westbound freight declined 4.1 per cent to 1,108,911 tons from 1,156,232. The number of vessel passages rose to 1,097 from 1,020 with registered net tonnage up 19.3 per cent to 3,737,622 from 3,132,660 in the corresponding month last year.

St. Lawrence Canals: Total freight transported through the St. Lawrence canals in August rose 4 per cent to 2,982,912 tons from 2,868,543 in August, 1960. Increases included wheat, up to 641,570 tons from 473,406, iron ore up to 670,530 tons from 584,941 and corn to 233,351 tons from 153,712. Eastbound traffic was up 12.3 per cent to 1,788,662 tons from 1,593,358, but westbound freight declined 6.3 per cent to 1,194,250 tons from 1,275,185. The number of vessel passages dropped to 1,580 from 1,835 while the registered net tonnage increased 6.3 per cent to 2,523,443 tons from 2,373,693 in August, 1960.

Prepared in the Transportation Section  
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## 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>August, 1961</u>					
<u>ALL CANADIAN CANALS</u> .....	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(3)	15,115	-
St. Andrew's Canal .....	65	2,674	226(4)	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	-(5)	32,079	14
Welland Ship Canal .....	1,097	3,737,622	346	267	4,079,380
<u>August, 1960</u>					
<u>ALL CANADIAN CANALS</u> .....	4,540	6,202,175	78,995	42,959	7,172,676
Canso Canal .....	123	78,512	-	93	103,632
Murray Canal .....	60	3,784	-	812	-
Ottawa River Canals .....	205	101,624	-	-	91,800
Richelieu River Canal .....	127	17,457	-	28	14,189
Rideau Canal .....	28	886	106	13,256	10
St. Andrew's Canal .....	50	2,734	77	370	667
St. Lawrence Canals .....	1,835	2,373,693	2,256	4	2,868,543
St. Peter's Canal .....	71	1,087	12	52	55
Sault Ste. Marie Canal .....	1,008	489,571	76,279	..	206,077
Trent Canal .....	13	167	32	28,344	18
Welland Ship Canal .....	1,020	3,132,660	233	..	3,887,685
<u>SAULT STE. MARIE CANALS:</u>					
<u>August, 1961</u>					
<u>EAST BOUND:</u>					
Canadian Lock .....	498	179,344	64,183	..	78,739
Can. & U.S. Locks .....	1,533	..	67,807	..	11,067,087
<u>WEST BOUND:</u>					
Canadian Lock .....	199	344,216	4,985	..	83,427
Can. & U.S. Locks .....	1,510	..	62,617	..	1,649,977
<u>TOTALS:</u>					
Canadian Lock - August, 1961 .....	697	523,560	69,168	..	162,166
Can. & U.S. Locks - August, 1961 .....	3,043	..	130,424	..	12,717,064
Canadian Lock - August, 1960 .....	1,008	489,571	76,279	..	206,077
Can. & U.S. Locks - August, 1960 .....	3,502	..	145,205	..	12,974,466
<u>WELLAND SHIP CANAL:</u>					
East Bound .....	555	1,828,789	251	123	2,970,469
West Bound .....	542	1,908,833	95	144	1,108,911
Totals - August, 1961 .....	1,097	3,737,622	346	267	4,079,380
Totals - August, 1960 .....	1,020	3,132,660	233	-	3,887,685
<u>ST. LAWRENCE CANALS:</u>					
East Bound .....	802	1,252,832	1,867	823	1,788,662
West Bound .....	778	1,270,611	1,513	511	1,194,250
Totals - August, 1961 .....	1,580	2,523,443	3,380	1,334	2,982,912
Totals - August, 1960 .....	1,835	2,373,693	2,256	4	2,868,543

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

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

(3) Exclusive of 6,261 passengers on sight seeing pleasure boat cruises and 48,119 passengers carried in pleasure craft. (4,935 and 41,605 in 1960).

(4) Excludes 1,300 passengers carried in pleasure craft.

(5) 112,692 passengers carried in small boats (101,993 in 1960).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

August, 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 .....	682	122,060	-	-	682	122,060
Corn .....	-	78,727	-	-	-	78,727
Oats .....	1,993	50,538	-	-	1,993	50,538
Rye .....	-	2,076	-	-	-	2,076
Wheat .....	8,586	767,401	-	-	8,586	767,401
Flour, wheat .....	-	10,899	67	67	67	10,966
Cereals, milled, n.e.s. ....	-	22,284	-	-	-	22,284
Foods, feeds, beverages and tobacco, n.e.s. ....	19,885	19,885	873	873	20,758	20,758
Flaxseed .....	-	27,053	-	-	-	27,053
Pulpwood, lumber and logs .....	120	59,024	-	-	120	59,024
Iron ore .....	-	9,750,821	-	4,434	-	9,755,255
Iron and steel scrap .....	-	23,481	-	-	-	23,481
Coal, anthracite .....	-	-	-	-	-	-
Coal, bituminous .....	-	-	10,897	1,236,638	10,897	1,236,638
Sand, gravel and stone .....	3,729	3,729	3,715	174,888	7,444	178,617
Paper and woodpulp .....	18,735	29,909	-	-	18,735	29,909
Gasoline .....	-	7,147	4,415	29,456	4,415	36,603
Fuel oil .....	106	9,544	36,526	82,274	36,632	91,818
Petroleum products, other .....	5,789	11,909	-	3,750	5,789	15,659
Pig iron .....	-	20,279	-	-	-	20,279
Iron and steel, manufactured .....	5,656	30,085	895	17,414	6,551	47,499
Cement .....	-	-	-	43,636	-	43,636
Motor vehicles .....	-	-	33	49	33	49
Manufactures and miscellaneous, other .....	6,921	13,699	2,280	32,772	9,201	46,471
Domestic package freight .....	6,537	6,537	23,726	23,726	30,263	30,263
<b>Total</b> .....	<b>78,739</b>	<b>11,067,087</b>	<b>83,427</b>	<b>1,649,977</b>	<b>162,166</b>	<b>12,717,064</b>

	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									

WELLAND RIVER CANALS:									
Meat and meat preparations .....	353	3,555	3,908	656	34	690	1,009	3,589	4,598
Barley .....	72,940	-	72,940	-	-	-	72,940	-	72,940
Corn .....	276,615	-	276,615	-	-	-	276,615	-	276,615
Oats .....	16,906	-	16,906	-	-	-	16,906	-	16,906
Rye .....	1,518	-	1,518	-	-	-	1,518	-	1,518
Wheat .....	620,081	-	620,081	-	-	-	620,081	-	620,081
Malt .....	6,370	-	6,370	-	-	-	6,370	-	6,370
Flour, wheat .....	37,534	-	37,534	270	-	270	37,804	-	37,804
Cereals, milled, n.e.s. ....	12,332	971	13,303	572	-	572	12,904	971	13,875
Beans and peas .....	400	-	400	-	-	-	400	-	400
Sugar .....	-	35	35	3,974	-	3,974	3,974	35	4,009
Syrup and molasses .....	2,742	-	2,742	9,103	-	9,103	11,845	-	11,845
Animal feeds .....	14,546	191	14,737	28	5	33	14,574	196	14,770
Foods, feeds, beverages and tobacco, n.e.s. ....	9,133	30,428	39,561	1,448	10,155	11,603	10,581	40,583	51,164
Flaxseed .....	26,462	-	26,462	-	-	-	26,462	-	26,462
Soyabeans .....	63,317	-	63,317	2,189	-	2,189	65,506	-	65,506
Rubber, natural and synthetic .....	426	6,804	7,230	-	1,901	1,901	426	8,705	9,131
Pulpwood .....	23,955	-	23,955	37,803	-	37,803	61,758	-	61,758
Aluminum ore and concentrates .....	-	-	-	3,360	-	3,360	3,360	-	3,360
Iron ore .....	610,313	-	610,313	606,753	-	606,753	1,217,066	-	1,217,066
Iron and steel scrap .....	153,134	275	153,409	-	-	-	153,134	275	153,409
Coal, bituminous .....	628,359	-	628,359	12,447	-	12,447	640,806	-	640,806
Sand and gravel .....	2,063	-	2,063	6,631	-	6,631	8,694	-	8,694
Stone, crushed, broken .....	2,289	-	2,289	102,111	-	102,111	104,400	-	104,400
Salt .....	31,722	-	31,722	-	-	-	31,722	-	31,722
Sulphur .....	7,540	-	7,540	9,992	-	9,992	17,532	-	17,532
Crude materials, inedible, n.e.s. ....	26,452	9,183	35,635	36,267	1,402	37,669	62,719	10,585	73,304
Woodpulp .....	626	-	626	2,350	-	2,350	2,976	-	2,976
Newsprint paper .....	-	-	-	-	46,368	46,368	-	46,368	46,368
Soyabean oil .....	3,451	-	3,451	-	-	-	3,451	-	3,451
Sodium products .....	13,460	103	13,563	444	176	620	13,904	279	14,183
Chemicals, n.e.s. ....	7,263	1,853	9,116	6,939	837	7,776	14,202	2,690	16,892
Gasoline .....	1,133	-	1,133	36,519	-	36,519	37,652	-	37,652
Fuel oil .....	54,779	16	54,795	43,884	-	43,884	98,663	16	98,679
Lubricating oils and greases .....	11,938	891	12,829	14,613	-	14,613	26,551	891	27,442
Coke .....	25,336	-	25,336	454	-	454	25,790	-	25,790





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SUMMARY OF CANAL STATISTICS

August, 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 .....	14,233	-	14,233	2,714	-	2,714	16,947	-	16,947
Petroleum products, refined, n.e.s.	28	1,205	1,233	28	-	28	56	1,205	1,261
Pig iron .....	20,966	-	20,966	5,528	-	5,528	26,494	-	26,494
Iron and steel: ingot, bar, rod and slab .....	247	5	252	1,100	6,830	7,930	1,347	6,835	8,182
Iron and steel, other .....	52	8,852	8,904	52	235	287	104	9,087	9,191
Iron and steel, manufactured .....	161	13,047	13,208	161	26,544	26,705	322	39,591	39,913
Cement .....	15,240	-	15,240	2,461	-	2,461	17,701	-	17,701
Motor vehicles .....	-	6,448	6,448	-	2,141	2,141	-	8,589	8,589
Manufactures and miscellaneous, other .....	15,905	29,245	45,150	6,990	23,121	30,111	22,895	52,366	75,261
Domestic package freight .....	25,042	-	25,042	31,321	-	31,321	56,363	-	56,363
<b>Totals .....</b>	<b>2,857,362</b>	<b>113,107</b>	<b>2,970,469</b>	<b>989,162</b>	<b>119,749</b>	<b>1,108,911</b>	<b>3,846,524</b>	<b>232,856</b>	<b>4,079,380</b>
<b>ST. LAWRENCE CANALS:</b>									
Meat and Meat preparations .....	-	3,616	3,616	303	181	484	303	3,797	4,100
Barley .....	67,054	-	67,054	-	-	-	67,054	-	67,054
Corn .....	233,351	-	233,351	-	-	-	233,351	-	233,351
Oats .....	13,297	-	13,297	-	-	-	13,297	-	13,297
Rye .....	1,518	-	1,518	-	-	-	1,518	-	1,518
Wheat .....	641,570	-	641,570	-	-	-	641,570	-	641,570
Malt .....	6,370	-	6,370	-	-	-	6,370	-	6,370
Flour, wheat .....	37,264	-	37,264	-	-	-	37,264	-	37,264
Cereals, milled, n.e.s. ....	12,332	971	13,303	-	-	-	12,332	971	13,303
Beans and peas .....	400	-	400	-	-	-	400	-	400
Sugar .....	-	35	35	3,974	-	3,974	3,974	35	4,009
Syrup and molasses .....	2,742	-	2,742	30,233	-	30,233	32,975	-	32,975
Soyabean oil cake and meal .....	12,316	-	12,316	-	-	-	12,316	-	12,316
Animal feeds .....	8,227	216	8,443	28	5	33	8,255	221	8,476
Foods, feeds, beverages and tobacco, n.e.s. ....	8,486	31,511	39,997	996	12,818	13,814	9,482	44,329	53,811
Flaxseed .....	23,307	-	23,307	-	-	-	23,307	-	23,307
Soyabeans .....	45,712	-	45,712	2,189	-	2,189	47,901	-	47,901
Rubber, natural and synthetic .....	426	6,804	7,230	-	2,080	2,080	426	8,884	9,310
Pulpwood .....	-	-	-	60,660	-	60,660	60,660	-	60,660
Aluminum ore and concentrates .....	-	-	-	3,360	-	3,360	3,360	-	3,360
Iron ore .....	64,393	-	64,393	606,137	-	606,137	670,530	-	670,530
Iron and steel scrap .....	169,803	275	170,078	85	-	85	169,888	275	170,163
Coal, bituminous .....	99,969	-	99,969	69,159	-	69,159	169,128	-	169,128
Sand and gravel .....	36,009	-	36,009	-	-	-	36,009	-	36,009
Petroleum, crude .....	4,478	-	4,478	64,284	-	64,284	68,762	-	68,762
Phosphate rock .....	-	-	-	3,920	-	3,920	3,920	-	3,920
Salt .....	24,133	-	24,133	-	-	-	24,133	-	24,133
Sulphur .....	-	-	-	13,221	-	13,221	13,221	-	13,221
Crude materials, inedible, n.e.s. ....	18,900	10,017	28,917	11,530	1,937	13,467	30,430	11,954	42,384
Woodpulp .....	626	-	626	2,350	-	2,350	2,976	-	2,976
Newsprint paper .....	-	-	-	-	30,748	30,748	-	30,748	30,748
Chemicals, n.e.s. ....	2,816	2,064	4,880	711	1,366	2,077	3,527	3,430	6,957
Gasoline .....	-	-	-	2,949	-	2,949	2,949	-	2,949
Fuel oil .....	11,259	16	11,275	151,668	-	151,668	162,927	16	162,943
Lubricating oils and greases .....	231	891	1,122	13,231	-	13,231	13,462	891	14,353
Coke .....	25,336	-	25,336	-	-	-	25,336	-	25,336
Tar, pitch and creosote .....	3,499	-	3,499	2,060	-	2,060	5,559	-	5,559
Petroleum products, refined, n.e.s. ....	-	1,205	1,205	-	-	-	-	1,205	1,205
Pig iron .....	15,366	-	15,366	5,528	-	5,528	20,894	-	20,894
Iron and steel: ingot, bar, rod and slab .....	341	303	644	-	6,850	6,850	341	7,153	7,494
Iron and steel, other .....	-	10,217	10,217	-	239	239	-	10,456	10,456
Iron and steel, manufactured .....	2,303	14,679	16,982	-	27,650	27,650	2,303	42,329	44,632
Motor vehicles .....	-	6,478	6,478	-	3,028	3,028	-	9,506	9,506
Manufactures and miscellaneous, other .....	20,839	30,215	51,054	9,199	25,558	34,757	30,038	55,773	85,811
Domestic package freight .....	54,476	-	54,476	24,015	-	24,015	78,491	-	78,491
<b>Totals .....</b>	<b>1,669,149</b>	<b>119,513</b>	<b>1,788,662</b>	<b>1,081,790</b>	<b>112,460</b>	<b>1,194,250</b>	<b>2,750,939</b>	<b>231,973</b>	<b>2,982,912(1)</b>

(1) Includes 30,004 tons of non-tail traffic.