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MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## SUMMARY OF CANAL STATISTICS

JUNE, 1962

The volume of freight transported through Canadian canals during June rose 27 per cent to 9,157,141 tons from 7,226,297 tons in June last year. This was a new record, 1.4 per cent above last month's high of 9,032,131 tons. The number of vessel passages dropped to 2,869 from 3,461 in June, 1961, but the registered net tonnage was up 12.4 per cent to 7,227,335 tons from 6,430,423. Pleasure craft lockages increased to 12,815 from 10,523 while passengers carried rose to 15,771 from 15,674.

Sault Ste. Marie Canals - Canadian and United States locks:- Freight cleared through the combined system was up 6.9 per cent to 12,565,765 tons from 11,758,488 in June, 1961. Traffic using the Canadian lock increased to 152,015 tons from 147,618. Wheat shipments through both canals declined to 752,928 tons from 1,439,573 while shipments of iron ore which constituted 76 per cent of all traffic through the combined system rose to 9,559,143 tons from 8,266,219. Total eastbound freight increased to 11,176,018 tons from 10,452,783 while westbound traffic rose to 1,389,747 tons from 1,305,705. Vessel passages through both canals totalled 2,391 as against 2,207 in the previous June.

Welland Ship Canal:- Freight moved through the Welland Ship Canal in June increased 27 per cent to 5,130,643 tons from 4,027,304 in the corresponding month last year. Eastbound iron ore rose to 684,933 tons from 502,261 while westbound ore more than doubled, rising to 1,280,063 tons from 544,318. Total eastbound freight was up 6 per cent to 3,278,018 tons from 3,096,046 while westbound traffic at 1,852,625 tons was almost double the previous June's figure of 931,258. Vessel passages totalled 1,036 with a registered net tonnage of 3,900,534 tons compared with 1,042 vessels of 3,388,293 tons in June, 1961.

St. Lawrence Canals:- The volume of freight carried through the St. Lawrence canals in June rose 20 per cent to 3,760,234 tons from 3,134,577 in June, 1961. Eastbound traffic was down 7 per cent to 1,970,028 tons from 2,128,053. This was due mainly to a decline in shipments of scrap iron which fell to 8,607 tons from 298,307. A decline of 194,000 tons in wheat shipments was offset by increases in other grains. With westbound ore up to 1,229,677 tons from 546,832, total westbound traffic increased 78 per cent to 1,790,156 tons from 1,006,524. The number of vessel passages declined to 1,091 from 1,302 while the registered net tonnage increased almost 17 per cent to 2,861,537 tons from 2,455,098 in June last year.

Prepared in the Transportation Section  
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DOMINION BUREAU  
OF STATISTICS

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SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>June, 1962</u>					
<u>ALL CANADIAN CANALS</u> .....	2,869	7,227,335	15,771	12,815	9,157,141
Canso Canal .....	103	85,304	-	66	102,208
Murray Canal .....	16	602	-	344	-
Ottawa River Canals .....	4	72	-	1,185	-
Richelieu River Canal .....	91	12,997	-	20	11,961
Rideau Canal .....	6	188	2(2)	4,188	-
St. Andrew's Canal .....	-	-	-	-	-
St. Lawrence Canals .....	1,091	2,861,537	1,132	130	3,760,234
St. Peter's Canal .....	36	1,331	-	2	70
Sault Ste. Marie Canal .....	482	364,726	14,091	78	152,015
Trent Canal .....	4	44	-(3)	6,763	10
Welland Ship Canal .....	1,036	3,900,534	546	39	5,130,643
<u>June, 1961</u>					
<u>ALL CANADIAN CANALS</u> .....	3,461	6,430,423	15,674	10,523	7,226,297
Canso Canal .....	206	79,173	-	90	75,488
Murray Canal .....	19	487	-	222	-
Ottawa River Canals .....	257	63,376	-	904	52,200
Richelieu River Canal .....	76	12,911	-	19	8,401
Rideau Canal .....	6	354	-	3,456	-
St. Andrew's Canal .....	31	1,511	87	346	220
St. Lawrence Canals .....	1,302	2,455,098	881	231	3,134,577
St. Peter's Canal .....	43	1,635	-	1	74
Sault Ste. Marie Canal .....	471	427,473	13,897	-	147,618
Trent Canal .....	8	112	-	5,102	14
Welland Ship Canal .....	1,042	3,388,293	809	152	4,027,304
<u>June, 1962</u>					
<u>SAULT STE. MARIE CANALS:</u>					
<u>East Bound:</u>					
Canadian Lock .....	304	142,875	12,735	40	96,866
Can. & U.S. Locks .....	1,190	..	13,095	40	11,176,018
<u>West Bound:</u>					
Canadian Lock .....	178	221,851	1,356	38	55,149
Can. & U.S. Locks .....	1,201	..	13,072	38	1,389,747
<u>Totals:</u>					
Canadian Lock - June, 1962 .....	482	364,726	14,091	78	152,015
Can. & U.S. Locks - June, 1962 .....	2,391	..	26,167	78	12,565,765
Canadian Lock - June, 1961 .....	471	427,473	13,893	-	147,618
Can. & U.S. Locks - June, 1961 .....	2,207	..	25,924	-	11,758,488
<u>WELLAND SHIP CANAL:</u>					
East Bound .....	517	1,967,157	288	19	3,278,018
West Bound .....	519	1,933,377	258	20	1,852,625
Totals - June, 1962 .....	1,036	3,900,534	546	39	5,130,643
Totals - June, 1961 .....	1,042	3,388,293	809	152	4,027,304
<u>ST. LAWRENCE CANALS:</u>					
East Bound .....	542	1,444,510	643	70	1,970,078
West Bound .....	549	1,417,027	489	60	1,790,156
Totals - June, 1962 .....	1,091	2,861,537	1,132	130	3,760,234
Totals - June, 1961 .....	1,302	2,455,098	881	231	3,134,577

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

(2) Exclusive of 3,347 paying passengers on sightseeing pleasure boat cruises and 11,672 passengers carried in pleasure craft (1,510 and 10,136 in 1961).

(3) 22,693 passengers carried in small boats (17,049 in 1961).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

June, 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
SAULT STE. MARIE CANALS:						
Barley .....	1,451	145,683	-	-	1,451	145,683
Corn .....	3,521	231,358	-	3,528	3,521	234,886
Oats .....	-	138,824	-	-	-	138,824
Rye .....	-	31,320	-	4,704	-	36,024
Wheat .....	-	752,928	-	-	-	752,928
Flour, wheat .....	1,197	13,257	70	70	1,267	13,327
Cereals, milled, n.e.s. ....	5,624	22,196	-	-	5,624	22,196
Foods, beverages, tobacco, n.e.s. ....	9,372	9,372	845	845	10,217	10,217
Flaxseed .....	-	38,849	-	-	-	38,849
Pulpwood, lumber and logs .....	3,000	39,639	875	875	3,875	40,514
Iron ore .....	-	9,559,143	-	-	-	9,559,143
Iron and steel scrap .....	3,701	23,301	-	-	3,701	23,301
Coal, anthracite .....	-	-	-	16,652	-	16,652
Coal, bituminous .....	-	-	11,024	944,322	11,024	944,322
Sand, gravel and stone .....	19,040	19,040	-	213,806	19,040	232,846
Paper and woodpulp .....	21,141	34,189	-	-	21,141	34,189
Gasoline .....	-	7,464	-	26,039	-	33,503
Fuel oil .....	3,023	6,147	19,171	51,207	22,194	57,354
Petroleum products, other .....	2,790	9,204	-	-	2,790	9,204
Pig iron .....	-	33,043	-	-	-	33,043
Iron and steel, manufactured ....	19,420	49,192	119	29,873	19,539	79,065
Cement .....	-	-	2,700	27,735	2,700	27,735
Motor vehicles .....	-	-	15	692	15	692
Miscellaneous freight, n.e.s. ....	34	8,317	11,058	60,127	11,092	68,444
Domestic package freight .....	3,552	3,552	9,272	9,272	12,824	12,824
Totals .....	96,866	11,176,018	55,149	1,389,747	152,015	12,565,765

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Meat and meal preparations .....	-	4,100	4,100	-	618	618	-	4,718	4,718
Barley .....	159,208	-	159,208	-	-	-	159,208	-	159,208
Corn .....	416,431	-	416,431	-	-	-	416,431	-	416,431
Oats .....	127,568	-	127,568	-	-	-	127,568	-	127,568
Rye .....	52,486	-	52,486	-	-	-	52,486	-	52,486
Wheat .....	681,921	-	681,921	10,032	-	10,032	691,953	-	691,953
Malt .....	8,605	-	8,605	-	-	-	8,605	-	8,605
Flour, wheat .....	37,500	-	37,500	224	-	224	37,724	-	37,724
Cereals, milled, n.e.s. ....	9,746	208	9,954	-	-	-	9,746	208	9,954
Beans and peas, dried .....	17,171	-	17,171	-	-	-	17,171	-	17,171
Sugar .....	-	-	-	-	-	-	-	-	-
Syrup and molasses .....	-	-	-	11,739	-	11,739	11,739	-	11,739
Margarine, shortening and lard ..	5,778	2,196	7,974	-	-	-	5,778	2,196	7,974
Fodder and feed .....	21,243	725	21,968	6,833	-	6,833	28,076	725	28,801
Foods, beverages, tobacco, n.e.s. ....	78	17,825	17,903	86	9,152	9,238	164	26,977	27,141
Flaxseed .....	26,721	-	26,721	-	-	-	26,721	-	26,721
Soyabeans .....	136,843	-	136,843	-	-	-	136,843	-	136,843
Rubber, natural and synthetic ...	251	2,009	2,260	-	4,198	4,198	251	6,207	6,458
Pulpwood .....	15,029	-	15,029	9,152	-	9,152	24,181	-	24,181
Aluminum ore and concentrate ...	-	-	-	8,976	-	8,976	8,976	-	8,976
Iron ore .....	684,933	-	684,933	1,280,063	-	1,280,063	1,964,996	-	1,964,996
Iron and steel scrap .....	17,973	-	17,973	-	-	-	17,973	-	17,973
Coal, bituminous .....	468,520	-	468,520	20,923	-	20,923	489,443	-	489,443
Clay and bentonite .....	6,430	26	6,456	-	32	32	6,430	58	6,488
Sand and gravel .....	22,408	-	22,408	25,238	-	25,238	47,646	-	47,646
Stone, crushed, broken .....	2,135	-	2,135	117,921	181	118,102	120,056	181	120,237
Salt .....	13,900	-	13,900	-	-	-	13,900	-	13,900
Sulphur .....	-	-	-	7,055	-	7,055	7,055	-	7,055
Crude materials, inedible, n.e.s. ....	5,624	5,493	11,117	26,842	1,634	28,476	32,466	7,127	39,593
Woodpulp .....	29	-	29	5,964	-	5,964	5,993	-	5,993
Newsprint paper .....	-	2,403	2,403	-	54,374	54,374	-	56,777	56,777
Fish and animal oils .....	16,431	-	16,431	164	128	292	16,595	128	16,723
Soyabean oil .....	3,399	-	3,399	-	-	-	3,399	-	3,399
Sodium products .....	31,390	72	31,462	-	13	13	31,390	85	31,475
Chemicals and related products, n.e.s. ....	4,783	4,940	9,723	17,426	1,524	18,950	22,209	6,464	28,673
Gasoline .....	7,467	-	7,467	33,924	-	33,924	41,391	-	41,391
Fuel oil .....	66,072	14	66,086	52,364	-	52,364	118,436	14	118,450
Lubricating oils and greases ....	4,314	965	5,279	4,614	12	4,626	8,928	977	9,905
Coke .....	44,098	-	44,098	-	-	-	44,098	-	44,098





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SUMMARY OF CANAL STATISTICS

June, 1962

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 .....	9,016	-	9,016	3,073	-	3,073	12,089	-	12,089
Petroleum and coal products, n.e.s. ....	-	160	160	-	154	154	-	314	314
Pig iron .....	15,782	-	15,782	3,909	-	3,909	19,691	-	19,691
Iron and steel: ingot, bar, rod, etc. ....	-	1,057	1,057	-	11,310	11,310	-	12,367	12,367
Steel: plate, sheet and strip ....	3,062	11,659	14,721	110	2,375	2,485	3,172	14,034	17,206
Iron and steel, n.e.s. ....	1	311	312	8	41,260	41,268	9	41,571	41,580
Cement .....	17,213	-	17,213	5,700	78	5,778	22,913	78	22,991
Machinery, equipment and parts ...	75	9,161	9,236	39	2,032	2,071	114	11,193	11,307
Motor vehicles and parts .....	26	5,639	5,665	26	4,855	4,881	52	10,494	10,546
Miscellaneous freight, n.e.s. ....	1,758	14,345	16,103	9,874	24,700	34,574	11,632	39,045	50,677
Domestic package freight .....	31,292	-	31,292	31,716	-	31,716	63,008	-	63,008
Totals .....	3,194,710	83,308	3,278,018	1,693,995	158,630	1,852,625	4,888,705	241,938	5,130,643
<b>ST. LAWRENCE CANALS:</b>									
Meat and meat preparations .....	-	4,884	4,884	-	671	671	-	5,555	5,555
Barley .....	139,454	-	139,454	-	-	-	139,454	-	139,454
Corn .....	391,705	-	391,705	-	-	-	391,705	-	391,705
Oats .....	124,102	-	124,102	-	-	-	124,102	-	124,102
Rye .....	52,532	-	52,532	-	-	-	52,532	-	52,532
Wheat .....	624,924	-	624,924	-	-	-	624,924	-	624,924
Malt .....	5,624	-	5,624	-	-	-	5,624	-	5,624
Flour, wheat .....	37,673	-	37,673	-	-	-	37,673	-	37,673
Cereals, milled, n.e.s. ....	9,746	208	9,954	-	-	-	9,746	208	9,954
Beans and peas, dried .....	17,575	-	17,575	-	-	-	17,575	-	17,575
Sugar .....	-	-	-	20,446	-	20,446	20,446	-	20,446
Syrup and molasses .....	-	-	-	2,959	-	2,959	2,959	-	2,959
Margarine, shortening and lard ...	5,778	2,196	7,974	-	35	35	5,778	2,231	8,009
Soyabean oil cake and meal .....	18,868	-	18,868	-	-	-	18,868	-	18,868
Fodder and feed, n.e.s. ....	13,173	761	13,934	46	-	46	13,219	761	13,980
Foods, beverages, tobacco, n.e.s..	62	19,815	19,877	244	16,548	16,792	306	36,363	36,669
Flaxseed .....	22,630	-	22,630	-	-	-	22,630	-	22,630
Soyabeans .....	120,646	-	120,646	-	-	-	120,646	-	120,646
Rubber, natural and synthetic ....	251	2,009	2,260	-	5,053	5,053	251	7,062	7,313
Pulpwood .....	-	-	-	9,152	-	9,152	9,152	-	9,152
Aluminum ore and concentrates ....	-	-	-	8,976	-	8,976	8,976	-	8,976
Iron ore .....	-	-	-	1,229,677	-	1,229,677	1,229,677	-	1,229,677
Iron and steel scrap .....	8,607	-	8,607	-	-	-	8,607	-	8,607
Coal, bituminous .....	74,483	-	74,483	46,620	-	46,620	121,103	-	121,103
Clay and bentonite .....	6,430	26	6,456	1,786	60	1,846	8,216	86	8,302
Sand and gravel .....	-	-	-	-	-	-	-	-	-
Petroleum, crude .....	-	-	-	19,799	-	19,799	19,799	-	19,799
Phosphate rock .....	-	-	-	4,032	-	4,032	4,032	-	4,032
Salt .....	3,900	-	3,900	-	-	-	3,900	-	3,900
Sulphur .....	-	-	-	7,055	-	7,055	7,055	-	7,055
Crude materials, inedible, n.e.s..	3,659	7,975	11,634	35,724	3,452	39,176	39,383	11,427	50,810
Woodpulp .....	29	-	29	5,964	-	5,964	5,993	-	5,993
Newsprint paper .....	-	2,774	2,774	-	37,218	37,218	-	39,992	39,992
Fish and animal oils .....	17,309	-	17,309	1,393	153	1,546	18,702	153	18,855
Chemicals and related products ...	1,887	5,782	7,669	14,383	3,522	17,905	16,270	9,304	25,574
Gasoline .....	4,749	-	4,749	2,396	-	2,396	7,145	-	7,145
Fuel oil .....	18,239	-	18,239	145,871	-	145,871	164,110	-	164,110
Lubricating oils and greases .....	1,421	1,000	2,421	5,568	36	5,604	6,989	1,036	8,025
Coke .....	42,562	-	42,562	-	-	-	42,562	-	42,562
Tar, pitch and creosote .....	6,522	-	6,522	-	-	-	6,522	-	6,522
Petroleum and coal products, n.e.s. ....	-	174	174	-	177	177	-	351	351
Pig iron .....	15,782	-	15,782	3,909	-	3,909	19,691	-	19,691
Iron and steel: ingot, bar, rod, etc. ....	-	1,301	1,301	-	14,391	14,391	-	15,692	15,692
Steel: plate, sheet and strip ....	3,062	18,576	21,638	-	2,563	2,563	3,062	21,139	24,201
Iron and steel, n.e.s. ....	2,951	7,511	10,462	-	55,410	55,410	2,951	62,921	65,872
Machinery, equipment and parts ...	25	9,685	9,710	-	4,047	4,047	25	13,732	13,757
Motor vehicles and parts .....	-	5,797	5,797	-	7,459	7,459	-	13,256	13,256
Miscellaneous freight, n.e.s. ....	13,272	22,236	35,508	7,508	40,238	47,746	20,780	62,474	83,254
Domestic package freight .....	47,736	-	47,736	25,615	-	25,615	73,351	-	73,351
Totals .....	1,857,368	112,710	1,970,078	1,599,123	191,033	1,790,156	3,456,491	303,743	3,760,234 (1)

(1) Includes 8,570 tons of non-toll traffic.