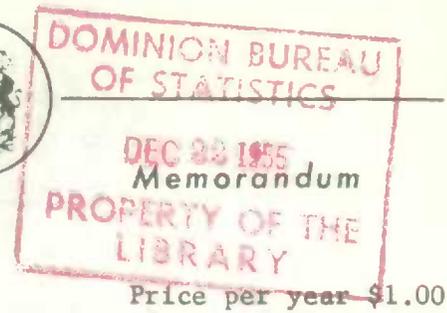


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## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

*Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce*SUMMARY OF CANAL STATISTICSSEPTEMBER 1955

The volume of freight cleared through Canadian canals during September totalled 4,318,622 tons, an increase of 375,514 tons or 9.5 per cent over the September, 1954 total of 3,943,108 tons. A decrease in freight tonnage was registered by the Canadian lock at Sault Ste Marie but increases were recorded in traffic through the St. Lawrence, Welland Ship and five of the smaller canals. Increased shipments of iron ore, bituminous coal and other freight through the Welland and St. Lawrence systems were mainly responsible for the advance over the previous September. The number of vessel passages rose to 3,614 from 3,435 and the registered net tonnage advanced to 3,848,513 tons from 3,672,833. A total of 6,508 pleasure craft passed through the locks as against 5,724 in September, 1954, and the number of passengers carried totalled 19,693 as compared with 13,290.

The ship channel cutting through the Canso Causeway between Cape Breton and the Nova Scotia mainland is included for the first time in these statistics. During the month under review 126 vessels carrying 3,076 tons of freight passed through this canal.

St. Lawrence Canals: Total freight transported through the St. Lawrence system during September increased to 1,477,592 tons from 1,394,320 tons in September 1954, a gain of 83,272 tons or 6 per cent. Although a number of commodities including wheat, corn, barley and flaxseed recorded lower tonnages than in the previous September, an overall increase was reported. Shipments of iron ore were up by 246,344 tons, advancing to 343,344 tons from 97,000 in the corresponding month last year. Bituminous coal rose to 203,638 tons from 169,121, fuel oil increased to 146,702 tons from 97,526 and cargoes of other freight at 267,167 were up by 81,500 tons. Vessel passages numbered 1,283 aggregating 1,087,324 registered net tons as compared with 1,339 vessels of 1,111,738 net tons in September, 1954.

Welland Ship Canal: The volume of freight shipped through the Welland canal in September amounted to 2,504,561 tons as compared with the September 1954 total of 2,157,589. The advance of 346,972 tons or 16.1 per cent was due to heavier traffic in such commodities as bituminous coal, iron ore and other freight. Bituminous coal shipments totalled 652,460 tons as compared with 503,422 tons a year earlier; iron ore advanced to 743,523 tons from 289,254, up by 454,269 tons, and other freight increased to 254,393 tons from 148,067. Shipments of wheat declined to 227,240 tons from 451,004 and barley to 106,285 tons from 151,974. During the month a total of 1,083 vessels of 2,147,640 net tons passed through the canal as compared with 1,023 vessels of 1,980,275 net tons in September, 1954.

Sault Ste. Marie Canal - Canadian and United States Locks: Although the volume of freight transported through the Canadian lock in September declined to 280,603 tons from 343,435 in September, 1954, the total shipped through the combined system rose to 16,069,198 tons from 11,322,949, a gain of 4,746,249 tons or 41.9 per cent. Eastbound shipments of iron ore rose to 13,465,835 tons from 8,212,781 and other freight advanced to 103,440 tons from 42,804. Grain shipments dropped to 581,453 tons from 1,249,026. Westbound shipments of bituminous coal rose to 1,286,074 tons from 1,161,468 and other freight increased to 136,941 tons from 72,207. The number of vessel passages increased to 2,894 from 2,168 while the registered net tonnage rose to 12,547,939 tons from 8,761,598.

Prepared in the Public Finance and Transportation Division.  
Transportation and Public Utilities Section.

SUMMARY OF CANAL STATISTICS

	September, 1955			September, 1954			
	Up	Down	Total	Up	Down	Total	
<u>ST. LAWRENCE CANALS</u>							
Vessel Passages	Number	620	663	1,283	674	665	1,339
Registered Net Tonnage of Vessels	Tons	520,969	566,355	1,087,324	556,444	555,294	1,111,738
Passengers	Number	-	-	-	-	-	-
Pleasure Craft	"	-	-	113	-	-	78
<u>COMMODITIES</u>							
Wheat	Tons	-	193,358	193,358	300	341,055	341,355
Corn	"	-	8,096	8,096	12,926	33,547	46,473
Oats	"	-	20,139	20,139	-	33,026	33,026
Barley	"	-	48,670	48,670	288	139,700	139,988
Rye	"	-	10,759	10,759	-	18,442	18,442
Flaxseed	"	-	3,344	3,344	-	41,521	41,521
Other grain	"	-	1,430	1,430	-	3,326	3,326
Flour	"	-	1,768	1,768	-	2,500	2,500
Mill products	"	-	4,609	4,609	250	-	250
Coal, anthracite	"	3,887	-	3,887	-	-	-
Coal, bituminous	"	1,800	201,838	203,638	9,100	160,021	169,121
Iron ore	"	343,344	-	343,344	97,000	-	97,000
Petroleum, crude	"	26,500	-	26,500	40,100	-	40,100
Sand, gravel, crushed stone	"	6,470	34,200	40,670	2,121	38,281	40,402
Pulpwood	"	93,408	-	93,408	91,412	-	91,412
Gasoline	"	6,900	1,350	8,250	5,050	6,350	11,400
Fuel oil	"	128,575	18,127	146,702	78,493	19,033	97,526
Petroleum oils & other pet. products	"	15,246	9,650	24,896	-	-	-
Autos, trucks and parts	"	119	595	714	-	107	107
Wood pulp	"	2,400	-	2,400	7,200	-	7,200
Paper	"	22,581	1,262	23,843	23,347	4,158	27,505
All other freight	"	136,557	130,610	267,167	98,768	86,898	185,666
<b>TOTAL FREIGHT</b>	"	<b>787,787</b>	<b>689,805</b>	<b>1,477,592</b>	<b>466,355</b>	<b>927,965</b>	<b>1,394,320</b>
<u>WELLAND SHIP CANAL</u>							
Vessel Passages	Number	546	537	1,083	523	500	1,023
Registered Net Tonnage of Vessels	Tons	1,065,736	1,081,904	2,147,640	980,838	999,437	1,980,275
Passengers	Number	-	10	10	-	-	-
Pleasure Craft	"	-	-	1	-	-	-
<u>COMMODITIES</u>							
Wheat	Tons	-	227,240	227,240	-	451,004	451,004
Corn	"	-	10,001	10,001	-	33,638	33,638
Oats	"	-	29,689	29,689	-	45,275	45,275
Barley	"	-	106,285	106,285	-	151,974	151,974
Rye	"	-	9,415	9,415	-	19,186	19,186
Flaxseed	"	-	20,757	20,757	-	48,921	48,921
Other grain	"	-	12,760	12,760	-	5,943	5,943
Flour	"	-	2,698	2,698	612	3,337	3,949
Mill products	"	-	5,897	5,897	-	738	738
Coal, anthracite	"	-	-	-	-	-	-
Coal, bituminous	"	-	652,460	652,460	-	503,422	503,422
Iron ore	"	290,363	453,160	743,523	71,683	217,571	289,254
Petroleum, crude	"	2,000	93,141	95,141	-	81,923	81,923
Sand, gravel, crushed stone	"	7,875	16,183	24,058	3,355	37,420	40,775
Pulpwood	"	73,118	-	73,118	68,498	9,600	78,098
Gasoline	"	20,585	18,400	38,985	33,738	20,725	54,463
Fuel oil	"	69,900	30,100	100,000	100,323	48,522	148,845
Petroleum oils & other pet. products	"	34,092	22,452	56,544	-	-	-
Autos, trucks and parts	"	388	61	449	119	6	125
Wood pulp	"	2,400	3,100	5,500	5,630	2,500	8,130
Paper	"	33,566	2,082	35,648	38,211	5,648	43,859
All other freight	"	123,684	130,709	254,393	60,249	87,818	148,067
<b>TOTAL FREIGHT</b>	"	<b>657,971</b>	<b>1,846,590</b>	<b>2,504,561</b>	<b>382,418</b>	<b>1,775,171</b>	<b>2,157,589</b>

SUMMARY OF CANAL STATISTICS

		September, 1955		September, 1954	
		Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
<b>SAULT STE. MARIE CANALS</b>					
<b>EASTBOUND</b>					
Vessel Passages	Number	310	1,451	297	1,091
Registered Net Tonnage of Vessels	Tons	217,401	6,298,470	243,673	4,397,178
Passengers	Number	9,872	10,264	6,907	7,141
<b>COMMODITIES</b>					
Wheat	Tons	27,655	308,760	26,133	818,135
Corn	"	-	-	-	25,135
Oats	"	16,293	42,903	26,230	77,920
Barley	"	21,430	174,645	43,451	215,206
Rye	"	2,478	13,411	5,600	33,668
Flaxseed	"	4,061	41,734	5,737	78,962
Other grain and mill products	"	24,414	28,443	33,096	37,391
Flour	"	13,538	16,437	14,108	14,108
Iron ore	"	-	13,465,835	-	8,212,781
Sand, gravel, crushed stone	"	23,330	23,330	15,110	15,110
Petroleum, crude	"	-	66,601	5,950	78,123
Pulpwood	"	12,326	43,732	26,140	74,040
Paper and wood pulp	"	25,313	25,935	27,123	30,073
All other freight	"	29,100	103,440	17,420	42,804
<b>TOTAL</b>		<b>199,938</b>	<b>14,355,206</b>	<b>246,098</b>	<b>9,753,456</b>
<b>WESTBOUND</b>					
Vessel Passages	Number	337	1,443	303	1,077
Registered Net Tonnage of Vessels	Tons	320,811	6,249,469	271,471	4,364,420
Passengers	Number	9,652	10,003	6,237	6,453
<b>COMMODITIES</b>					
Coal, anthracite	Tons	-	13,888	-	18,050
Coal, bituminous	"	16,891	1,286,074	19,041	1,161,468
Iron ore	"	-	29,148	-	37,843
Sand, gravel, crushed stone	"	-	181,135	-	193,321
Gasoline	"	9,132	20,961	20,240	41,420
Fuel oil	"	14,140	38,986	23,331	42,571
Petroleum oils & other pet. products	"	3,903	3,903	-	140
Autos, trucks and parts	"	449	2,956	350	2,473
All other freight	"	36,150	136,941	34,375	72,207
<b>TOTAL</b>		<b>80,665</b>	<b>1,713,992</b>	<b>97,337</b>	<b>1,569,493</b>
<b>TOTAL Vessel passages</b>	<b>Number</b>	<b>647</b>	<b>2,894</b>	<b>600</b>	<b>2,168</b>
" <b>Registered Net Tonnage of Vessels</b>	<b>Tons</b>	<b>538,212</b>	<b>12,547,939</b>	<b>515,144</b>	<b>8,761,598</b>
" <b>Passengers</b>	<b>Number</b>	<b>19,524</b>	<b>20,267</b>	<b>13,144</b>	<b>13,594</b>
" <b>Pleasure Craft</b>	<b>"</b>	<b>39</b>	<b>39</b>	<b>33</b>	<b>33</b>
" <b>Freight</b>	<b>Tons</b>	<b>280,603</b>	<b>16,069,198</b>	<b>343,435</b>	<b>11,322,949</b>
<b>OTHER CANALS</b>					
	<b>Vessel Passages</b>	<b>Registered Net Tonnage of Vessels</b>	<b>Passengers</b>	<b>Pleasure Craft</b>	<b>Total Freight</b>
<b>September, 1955</b>	<b>No.</b>	<b>Tons</b>	<b>No.</b>	<b>No.</b>	<b>Tons</b>
Ottawa River Canals	156	40,534	-	916	36,900
Rideau Canal	20	656	66	3,102	165
Richelieu River Canal	87	12,351	-	-	12,555
Trent Canal	9	154	-	2,082	10
Murray Canal	7	1,515	-	187	34
St. Peter's Canal	96	3,909	-	-	812
Canso Canal	126	6,285	-	-	3,076
St. Andrew's Canal	100	9,933	93	68	2,314
All Canadian Canals	3,614	3,848,513	19,693	6,508	4,318,622
<b>September, 1954</b>					
Ottawa River Canals	148	35,477	-	855	30,050
Rideau Canal	27	1,245	111	2,796	61
Richelieu River Canal	117	18,119	-	-	16,310
Trent Canal	6	78	-	1,817	12
Murray Canal	4	2,288	-	58	-
St. Peter's Canal	79	1,927	-	-	223
St. Andrew's Canal	92	6,542	35	87	1,108
All Canadian Canals	3,435	3,672,833	13,290	5,724	3,943,108

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