



## DOMINION BUREAU OF STATISTICS

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## SUMMARY OF CANAL STATISTICS

DECEMBER, 1959

Navigation on the Sault Ste. Marie canal was officially closed on December 12, on the Welland Ship Canal, December 15, and on the St. Lawrence, December 3. This was earlier than last year for both the Welland and St. Lawrence canals. Consequently the total volume of freight cleared through all Canadian canals during December was down 10 per cent to 829,440 tons from 920,085 in December 1958. The number of vessel passages dropped to 583 from 669 and the registered net tonnage to 873,879 tons from 883,127.

Sault Ste. Marie Canals - Canadian and United States Locks: Total freight transported through the combined system in December amounted to 5,021,154 tons, more than four times the tonnage reported for December, 1958. Shipments through the Canadian lock declined to 31,431 tons from 41,095. The increase in tonnage through the combined system was due almost entirely to eastbound shipments of iron ore which rose to 3,687,609 tons from 80,248. Total eastbound freight increased to 4,885,297 tons from 1,135,432 while westbound freight rose to 135,857 tons from 90,382. Vessel passages through both canals numbered 883 as against 384 in December, 1958, and the registered net tonnage increased to 4,232,215 tons from 1,005,761.

Welland Ship Canal: With navigation closing three days earlier than in 1958 freight cleared through the Welland Ship Canal declined to 699,849 tons from 708,196 in December, 1958. Total eastbound freight rose to 594,731 tons from 570,503 while westbound freight declined to 105,118 tons from 137,693. Vessel passages numbered 260 with a registered net tonnage of 634,744 tons as against 240 vessels of 615,076 tons in December, 1958.

St. Lawrence Canals: The early close of navigation on the St. Lawrence Canals brought freight clearances for December down to 70,754 tons from 140,180 in December, 1958. During the month 158 vessels of 139,559 registered net tons passed through the canals compared with 267 vessels of 154,621 tons in the previous year.

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

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tonn of freight
<b>DECEMBER, 1959</b>					
<u>ALL CANADIAN CANALS:</u>	583	873,879	10	48	829,440
Canso Canal	69	34,379	-	42	27,366
Murray Canal	-	-	-	-	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	6	853	-	-	-
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	158	139,559	-	5(1)	70,754
St. Peter's Canal	16	579	-	-	40
Sault Ste. Marie Canal	74	63,765	2	-	31,431
Trent Canal	-	-	-	-	-
Welland Ship Canal	260	634,744	8	1(1)	699,849
<b>DECEMBER, 1958</b>					
<u>ALL CANADIAN CANALS:</u>	669	883,127	-	54	920,085
Canso Canal	68	39,653	-	-	30,494
Murray Canal	6	918	-	-	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	-	-	-	-	-
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	267	154,621	-	-	140,180
St. Peter's Canal	11	501	-	-	120
Sault Ste. Marie Canal	77	72,358	-	-	41,095
Trent Canal	-	-	-	54	-
Welland Ship Canal	240	615,076	-	-	708,196
<b>DECEMBER, 1958</b>					
<u>SAULT STE. MARIE CANALS</u>					
<u>EAST BOUND</u>					
Canadian Lock	36	23,597	2	-	24,391
Can. & U.S. Locks	489	2,356,235	2	-	4,885,297
<u>SAULT STE. MARIE CANALS</u>					
<u>WEST BOUND</u>					
Canadian Lock	38	40,168	-	-	7,040
Can. & U.S. Locks	394	1,875,980	-	-	135,857
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - December, 1959	74	63,765	2	-	31,431
Can. & U.S. Locks - December, 1959	883	4,232,215	2	-	5,021,154
Canadian Lock - December, 1958	77	72,358	-	-	41,095
Can. & U.S. Locks - December, 1958	384	1,005,761	4	-	1,225,814
<u>WELLAND SHIP CANAL</u>					
East Bound	166	393,112	8	1	594,731
West Bound	94	241,632	-	-	105,118
Total - December, 1959	260	634,744	8	1	699,849
Total - December, 1958	240	615,076	-	-	708,196
<u>ST. LAWRENCE CANALS</u>					
East Bound	84	86,979	-	3	39,068
West Bound	74	52,580	-	2	31,686
Total - December, 1959	158	139,559	-	5	70,754
Total - December, 1958	267	154,621	-	-	140,180

(1) Included with number of vessel passages.

SUMMARY OF CANAL STATISTICS

DECEMBER, 1959

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>						
Wheat	4,434	984,190	-	-	4,434	984,190
Corn	-	1,495	-	-	-	1,495
Oats	430	42,523	-	-	430	42,523
Barley	5,510	99,729	-	-	5,510	99,729
Flour	-	2,759	62	62	62	2,821
Mill products, other	3,408	3,408	-	-	3,408	3,408
Flaxseed	1,150	26,640	-	-	1,150	26,640
Coal, bituminous	-	-	-	75,296	-	75,296
Iron ore	-	3,687,609	-	-	-	3,687,609
Sand, gravel and stone	4,983	4,983	2,649	25,725	7,632	30,708
Petroleum products, refined, other	-	-	109	109	109	109
Iron, pig	-	5,066	-	-	-	5,066
Manufactured iron and steel	2,309	4,532	-	9,004	2,309	13,536
Motor vehicles	-	-	14	138	14	138
Cement	-	-	-	5,017	-	5,017
Paper and wood pulp	-	4,541	-	-	-	4,541
Scrap iron and steel	-	13,944	-	7,056	-	21,000
Manufactures and misc., other	2,167	3,878	4,206	13,450	6,373	17,328
<b>TOTAL</b>	<b>24,391</b>	<b>4,885,297</b>	<b>7,040</b>	<b>135,857</b>	<b>31,431</b>	<b>5,021,154</b>

EAST BOUND			WEST BOUND			TOTAL		
Bulk	General	Total	Bulk	General	Total	Bulk	General	Total

**WELLAND SHIP CANAL:**

Wheat	111,537	-	111,537	-	-	111,537	-	111,537
Corn	44,568	-	44,568	-	-	44,568	-	44,568
Oats	8,780	-	8,780	-	-	8,780	-	8,780
Barley	40,397	-	40,397	-	-	40,397	-	40,397
Soybeans	80,778	-	80,778	-	-	80,778	-	80,778
Flaxseed	10,666	-	10,666	-	-	10,666	-	10,666
Products of agriculture, other	109	-	109	-	-	109	-	109
Coal, bituminous	50,007	-	50,007	-	-	50,007	-	50,007
Iron ore	143,719	-	143,719	50,935	-	50,935	194,654	194,654
Gravel and sand	-	-	-	5,235	-	5,235	5,235	5,235
Gasoline	7,179	-	7,179	13,197	-	13,197	20,376	20,376
Fuel, road and petroleum residual oils	65,120	-	65,120	7,450	-	7,450	72,570	72,570
Petroleum products, refined, other	4,577	26	4,603	-	-	4,577	26	4,603
Chemicals	2,686	122	2,808	1,432	-	1,432	4,118	122
Sodium (soda) products	2,429	-	2,429	-	-	2,429	-	2,429
Iron and steel, other	-	-	-	-	5,167	5,167	5,167	5,167
Cement	-	-	-	9,521	-	9,521	9,521	9,521
Newsprint paper	-	-	-	-	9,616	9,616	9,616	9,616
Scrap iron and steel	16,799	-	16,799	-	-	16,799	-	16,799
Domestic package freight	4,905	-	4,905	2,321	-	2,321	7,226	7,226
Manufactures and misc., other	-	327	327	-	244	244	571	571
<b>TOTAL</b>	<b>594,256</b>	<b>475</b>	<b>594,731</b>	<b>90,091</b>	<b>15,027</b>	<b>105,118</b>	<b>684,347</b>	<b>15,502</b>

**ST. LAWRENCE CANALS:**

Wheat	22,956	-	22,956	2,688	-	2,688	25,644	-	25,644
Oats	1,219	-	1,219	-	-	-	1,219	-	1,219
Barley	4,089	-	4,089	-	-	-	4,089	-	4,089
Soybean oil cake and meal	1,849	-	1,849	-	-	-	1,849	-	1,849
Flaxseed	2,883	-	2,883	-	-	-	2,883	-	2,883
Products of agriculture, other	109	-	109	-	-	-	109	-	109
Coal bituminous	2,372	-	2,372	-	-	-	2,372	-	2,372
Iron ore	-	-	-	20,789	-	20,789	20,789	-	20,789
Fuel, road and petroleum residual oils	-	-	-	2,798	-	2,798	2,798	-	2,798
Iron and steel, other	-	-	-	-	5,167	5,167	-	5,167	5,167
Manufactured iron and steel	-	598	598	-	-	-	-	598	598
Manufactures and misc., other	-	2,993	2,993	-	244	244	-	3,237	3,237
<b>TOTAL</b>	<b>35,477</b>	<b>3,591</b>	<b>39,068</b>	<b>26,275</b>	<b>5,411</b>	<b>31,686</b>	<b>61,752</b>	<b>9,002</b>	<b>70,754</b>

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