

CATALOGUE No.

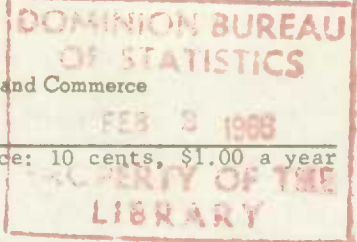
54-001

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce



Vol. 46, No. 12

Price: 10 cents, \$1.00 a year

SUMMARY OF CANAL STATISTICS

DECEMBER 1965

An analysis of December canal data revealed the following important changes and developments:

The total tonnage cleared through all Canadian canals increased 25.4 per cent this month, to 2,751,579 tons from 2,194,145 tons in December 1964. Navigation on the Sault Ste. Marie Canal was officially closed on December 12; on the Welland Canal, December 15; and on the St. Lawrence Canals, December 3. Because of favourable climate conditions, however, the actual closing dates were as follows: Sault Ste. Marie Canal, December 15; the Welland Canal, December 16; and the St. Lawrence Canals, December 14. Because of the late closing dates, the two major canal systems reported significant increases from the previous December. The St. Lawrence Canals rose by 339,096 tons, to 780,643 tons, while the Welland rose 14.7 per cent, to 1,848,916 tons from 1,611,875 tons.

On the St. Lawrence Canals wheat shipments expanded to 272,993 tons from 45,310 tons in December 1964. Accelerated movements of this commodity have been noticeable since September of this year, when the impact of the recent wheat sales to the U.S.S.R. were reflected in the statistics for that month. Corn shipments from U.S. Great Lakes ports - Chicago in particular, were also moved in greater volume. For the month under review, 116,703 tons were destined for trans-shipment overseas, compared with 60,527 tons last December. Contrasting with these increases, iron ore shipments were down to 33,258 tons from 146,806 tons.

Traffic on the Welland Canal consisted mainly of wheat, bituminous coal, iron ore, and other grain. Wheat movements were down slightly this December, to 526,007 tons from 532,247 tons, while iron ore shipments were considerably off the previous years' pace, dropping 51 per cent, to 126,052 tons from 262,081 tons. Shipments of bituminous coal and corn from the United States to Canada, however, increased to 290,271 tons and 161,076 tons, respectively.

During the 1965 season, the total amount of freight transported through all Canadian canals increased 6.5 per cent, to a record 99,334,909 tons from last year's previous high of 93,255,806 tons. Freight traffic through the St. Lawrence Canals increased 10.0 per cent, to 43,376,460 tons from 39,428,730 tons, while traffic through the Welland Canal was up 3.8 per cent, to 53,400,833 tons from 51,426,984 tons. These totals constitute new records for the two systems. It should be noted, however, that these are preliminary figures subject to revision in the annual Canal Report for 1965.

Transportation Section
Public Finance and Transportation Division

January 1966
E504-517

TABLE 1. Vessel Passages, Registered Net Tonnage, and Tonnage of Freight for All Canals

Canal	December 1965			1964	Cumulative	Cumulative
	Number of vessel passages	Registered net tonnage of vessels	Tonnage of freight	Tonnage of freight	Tonnage of freight 1965	Tonnage of freight 1964
St. Peter's Canal	7	236	70	1	551	481
Canso Canal	93	88,708	76,910	100,108	1,082,405	1,345,287
Richelieu River Canals	-	-	-	-	87,741	92,138
St. Lawrence Canals	176	675,887	780,643	441,547	43,376,460	39,428,730
Ottawa River Canals	-	-	-	-	615	12,681
Rideau Canal	-	-	-	-	-	-
Murray Canal	-	-	-	-	-	-
Trent Canal	-	-	-	-	13	64
Welland Canal	307	1,467,110	1,848,916	1,611,875	53,400,833	51,426,984
Sault Ste. Marie Canal - Can. lock ...	72	124,815	45,040	40,614	1,384,667	946,434
St. Andrew's Canal	-	-	-	-	1,624	3,007
Totals	655	2,356,756	2,751,579	2,194,145	99,334,909	93,255,806
Sault Ste. Marie Canal - U.S. locks ..	394	..	2,431,570	2,695,562	88,536,632	93,917,029

.. Figures not available.

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, by Direction, and by Type of Cargo, December 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand Total
	Bulk	General	Bulk	General			
	tons						
Meat, fresh, chilled or frozen	-	-	-	5,407	-	5,407	5,407
Butter	-	-	-	-	-	-	-
Milk powder	-	-	-	3,084	-	3,084	3,084
Barley	-	-	40,895	-	40,895	-	40,895
Corn	-	-	116,703	-	116,703	-	116,703
Oats	-	-	28,127	-	28,127	-	28,127
Rye	-	-	-	-	-	-	-
Wheat	-	-	272,993	-	272,993	-	272,993
Corn meal and flour	-	-	1,867	-	1,867	-	1,867
Malt and malt flour	-	-	5,480	-	5,480	-	5,480
Wheat flour	-	-	8,218	214	8,218	214	8,432
Cereals milled, n.e.s.	-	-	85	748	85	748	833
Dried and dehydrated fruits	-	-	-	-	-	-	-
Fruits and preparations, canned (except infant foods)	-	-	-	52	-	52	52
Vegetables, dried	-	-	8,408	-	8,408	-	8,408
Raw sugar	-	-	-	-	-	-	-
Molasses, crude	-	-	-	-	-	-	-
Sugar preparations (including confectionery)	-	7	-	38	-	45	45
Lard	-	-	3,640	82	3,640	82	3,722
Miscellaneous foods, food materials and food preparations, n.e.s.	-	-	-	29	-	29	29
Hulls, screenings, chaff and scourings	-	-	-	-	-	-	-
Ground cereals and by-products, n.e.s.	-	-	20,523	-	20,523	-	20,523
Soyabean oil meal and cake	-	-	6,429	-	6,429	-	6,429
Oil seed meals and cake, n.e.s.	-	-	1,864	-	1,864	-	1,864
Feeds of vegetable origin, n.e.s.	-	-	14,435	-	14,435	-	14,435
Ale, beer, stout and porter	-	130	-	-	-	130	130
Wines	-	83	-	-	-	83	83
Distilled alcoholic beverages	-	14	-	17	-	31	31
Raw hides and skins and undressed fur skins	-	70	-	6,981	-	7,051	7,051
Flaxseed	-	-	5,599	-	5,599	-	5,599
Soya beans	-	-	16,275	-	16,275	-	16,275
Rubber and allied gums, natural, and natural gums and resins	-	-	-	-	-	-	-
Logs	-	-	638	-	638	-	638
Pulpwood	-	-	-	-	-	-	-
Alumina and bauxite ore	-	-	-	-	-	-	-
Iron ore, crude, and concentrates, calcined, roasted or treated	33,258	-	-	-	33,258	-	33,258
Manganese ore	-	-	-	-	-	-	-
Ores, concentrates and precipitates, n.e.s.	-	-	-	-	-	-	-

See note at end of table.

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, by Direction, and by Type of Cargo, December 1965 - Concluded

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Iron and steel scrap	-	-	259	-	259	-	259
Non-ferrous and precious metal scrap ..	-	-	-	520	-	520	520
Slags, drosses and other by-products ..	-	-	-	104	-	104	104
Coal, bituminous, sub-bituminous, and lignite	-	-	12,629	-	12,629	-	12,629
Crude petroleum, petroleum tops and natural gasoline	-	-	-	-	-	-	-
Bentonite	-	-	9,259	-	9,259	-	9,259
China clay	-	-	-	-	-	-	-
Clay and other crude refractory materials, n.e.s.	-	-	125	-	125	-	125
Fluorspar	-	-	-	-	-	-	-
Gypsum	-	-	-	-	-	-	-
Phosphate rock	-	-	-	-	-	-	-
Salt	-	-	1,923	-	1,923	-	1,923
Sulphur in ores, crude and refined (except pharmaceutical grade)	-	-	-	-	-	-	-
Crude non-metallic mineral (except coal petroleum), n.e.s.	-	8	3,949	381	3,949	389	4,338
Veneer, plywood and wood building boards	-	129	-	33	-	162	162
Pulp	-	-	865	-	865	-	865
Newsprint paper	-	12,650	-	-	-	12,650	12,650
Cordage, twine and rope (except braided cords and threads)	-	-	-	-	-	-	-
Animal oils and fats (except marine) ..	-	-	8,668	-	8,668	-	8,668
Soyabean oil	-	-	3,259	-	3,259	-	3,259
Vegetable oils and fats, (except essential oils), n.e.s.	-	-	-	-	-	-	-
Metallic salts and peroxy salts, of inorganic acids	-	-	-	-	-	-	-
Inorganic chemicals, n.e.s.	-	481	-	764	-	1,245	1,245
Organic chemicals, n.e.s.	4,021	30	301	117	4,322	147	4,469
Fertilizers and fertilizer materials n.e.s.	-	-	-	97	-	97	97
Synthetic rubber (including rubber compounds and reclaimed rubber)	-	-	1,971	2,591	1,971	2,591	4,562
Chemical specialties, industrial, n.e.s.	-	105	289	152	289	257	546
Gasoline	4,418	-	-	-	4,418	-	4,418
Fuel oil	25,962	-	-	39	25,962	39	26,001
Lubricating oils and greases	8,071	-	-	362	8,071	362	8,433
Coke of petroleum and coal	-	-	132	-	132	-	132
Coal tar and coal pitch	-	-	-	-	-	-	-
Petroleum and coal products, n.e.s. ...	-	-	756	23	756	23	779
Ferro-alloys	-	-	-	-	-	-	-
Pig iron	7,047	-	-	-	7,047	-	7,047
Bars and rods, steel	-	199	-	1,111	-	1,310	1,310
Plate, sheet and strip, steel	-	27,646	-	264	-	27,910	27,910
Structural shapes and sheet piling	-	3,619	-	9	-	3,628	3,628
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	127	-	44	-	171	171
Wire (including wire rope)	-	501	-	24	-	525	525
Aluminum (including alloys)	-	451	-	3	-	454	454
Metal fabricated basic products	-	130	-	2,473	-	2,603	2,603
Glass basic products	-	203	-	-	-	203	203
Cement	-	-	-	-	-	-	-
Non-metallic mineral basic products, n.e.s.	-	-	-	102	-	120	102
Machinery, n.e.s.	-	222	-	1,047	-	1,269	1,269
Passenger automobiles and chassis	-	77	-	2,388	-	2,465	2,465
Trucks, truck chassis and truck tractors, commercial	-	-	-	109	-	109	109
Motor vehicles engines, accessories, parts and assemblies	-	39	-	1,689	-	1,728	1,728
Miscellaneous end products, inedible, n.e.s.	52	223	-	1,058	52	1,281	1,333
Domestic package freight	2,964	-	1,398	-	4,362	-	4,362
Other	28	911	12,381	4,268	12,409	5,179	17,588
Total freight carried	85,821	48,055	610,343	36,424	696,164	84,479	780,643

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.
 (2) Includes - tons of non-toll traffic using only the Lachine canal.

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, by Direction, and by Type of Cargo, December 1965 - Concluded

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Synthetic rubber (including rubber compounds and reclaimed rubber)	-	-	1,971	2,572	1,971	2,572	4,543
Chemical specialties, industrial, n.e.s.	-	-	289	141	289	141	430
Gasoline	10,102	-	3,145	-	13,247	-	13,247
Fuel oil	26,274	-	32,751	39	59,025	39	59,064
Lubricating oils and greases	8,071	-	-	357	8,071	357	8,428
Coke of petroleum and coal	-	-	132	-	132	-	132
Coal tar and coal pitch	-	-	3,958	23	3,958	23	3,981
Petroleum and coal products, n.e.s. ...	-	-	-	-	-	-	-
Ferro-alloys	-	-	-	-	-	-	-
Pig iron	7,047	-	-	-	7,047	-	7,407
Bars and rods, steel	-	199	-	140	-	339	339
Plate, sheet and strip, steel	-	17,717	-	18	-	17,735	17,735
Structural shapes and sheet piling	-	3,611	-	-	-	3,611	3,611
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	127	-	44	-	171	171
Wire (including wire rope)	-	390	-	-	-	390	390
Aluminum (including alloys)	-	451	-	3	-	454	454
Metal fabricated basic products	-	130	-	2,200	-	2,330	2,330
Glass basic products	-	192	-	-	-	192	192
Cement	-	-	9,896	-	9,896	-	9,896
Non-metallic mineral basic products, n.e.s.	-	-	-	56	-	56	56
Machinery, n.e.s.	-	29	-	871	-	900	900
Passenger automobiles and chassis	-	77	-	2,388	-	2,465	2,465
Trucks, truck chassis and truck tractors, commercial	-	-	-	106	-	106	106
Motor vehicle engines, accessories, parts and assemblies	-	18	-	1,636	-	1,654	1,654
Miscellaneous end products, inedible, n.e.s.	-	-	-	912	-	912	912
Domestic package freight	8,178	-	11,062	-	19,240	-	19,240
Other freight	2	1,079	11,451	2,929	11,453	4,008	15,461
Total freight carried	160,938	41,778	1,615,615	30,585	1,776,553	72,363	1,848,916

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.

TABLE 4. Tonnage of Freight Transported through the Sault Ste. Marie Canals, by Commodity and by Direction, December 1965

Commodity	Upbound(1)		Downbound(1)		Total	
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks
	tons					
Paper and woodpulp	-	-	4,885	15,854	4,885	15,854
Pulpwood, lumber and logs	-	-	-	-	-	-
Wheat	-	-	-	1,133,053	-	1,133,053
Barley	-	-	2,873	200,681	2,873	200,681
Oats	-	-	-	43,606	-	43,606
Corn	-	-	-	-	-	-
Rye	-	-	-	2,720	-	2,720
Flaxseed	-	-	-	25,167	-	25,167
Soya beans	-	-	-	23,662	-	23,662
Flour	-	-	-	1,215	-	1,215
Mill products, screenings	-	-	-	11,445	-	11,445
Iron ore	-	-	-	797,933	-	797,933
Manufactured iron and steel	-	8,646	3,573	16,127	3,573	24,773
Pig iron	-	-	-	2,376	-	2,376
Scrap iron	-	-	-	8,008	-	8,008
Stone, broken, sand and gravel	-	27,298	-	-	-	27,298
Cement	-	-	-	-	-	-
Coal, bituminous	-	72,113	-	-	-	72,113
Coal, anthracite	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Non-metallic minerals, mfrs.	-	14,100	-	-	-	14,100
Gasoline	-	2,270	-	-	-	2,270
Fuel oil	-	17,931	-	-	-	17,931
Other petroleum products	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-
Miscellaneous merchandise	327	16,701	6,472	8,794	6,799	25,495
Domestic package freight	7,534	7,534	19,376	19,376	26,910	26,910
Total freight carried	7,861	166,593	37,179	2,310,017	45,040	2,476,610

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.

[Redacted]

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010702113