

C.1
CATALOGUE No.

54-001

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 48, No. 1

Price: 10 cents, \$1.00 a year

DOMINION BUREAU
OF STATISTICS
JUL 17 1967
PROPERTY OF THE
LIBRARY

SUMMARY OF CANAL STATISTICS

APRIL 1967

An analysis of April canal data revealed several important changes and developments:

The 1967 canal navigation season began rather slowly due in large part to weather conditions. The volume of cargo transported through the St. Lawrence Canals declined to 3,741,933 tons from 4,329,194 tons in April 1966, while 4,600,009 tons were carried through the Welland Canal compared to 5,278,127 tons in the previous year. It is expected, however, that shipping activity will gradually pick up during May.

The St. Lawrence Canals opened for the ninth season of the Seaway on April 7th (one week later than last year's early start of April 1st) with the "Carrigan Head" entering the St. Lambert lock at Montreal. The Welland Canal opened on April 1st (on April 4th in 1966) with the Canadian tanker "Imperial Windsor" entering Lock 1 at Port Weller, while the "Yankcanuck" made the first transit through the Canadian lock at Sault Ste. Marie on April 4th (same opening date in 1966).

Lockage fees, beginning this season at \$160 a trip, are being collected for transits through the Welland Canal, and will increase by \$160 a year until a total of \$800 is reached in 1971. A toll for the Welland, that was introduced in 1959 with the Seaway opening, was suspended in the summer of 1962. However, a proposed toll increase of 10 per cent for the Montreal-Lake Ontario section of the waterway was not adopted.

The tonnage of iron ore transported through Canadian canals during April was higher than in the previous year despite the somewhat shaky performance of both the U.S. and Canadian steel industry, and the slump in automobile sales in the first quarter. The volume of ore through the St. Lawrence Canals rose to 1,599,548 tons from 1,436,571 tons, while the increase through the Welland was to 1,537,242 tons from 1,474,919 tons in April 1966.

Exports of Canadian wheat during April were appreciably lower than that reported in the previous year; approximately twenty-eight million bushels were shipped - about ten million bushels less than the same month last year. Movements of this commodity through the St. Lawrence Canals amounted to 676,129 tons, compared with 1,293,937 tons in April 1966.

The total volume of freight cleared through all Canadian canals during April declined by 14.4 per cent to 8,407,163 tons from 9,820,946 tons in 1966.

Transportation and Public Utilities Division
Transportation Section

July 1967
8702-517

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

Canal	April 1967			Tonnage of freight April 1966	Cumulative tonnage of freight	
	Number of vessel passages	Registered net tonnage of vessels	Tonnage of freight		1967	1966
Canse Canal	39	43,744	38,993	112,395		
St. Lawrence Canals	607	2,863,441	3,741,933	4,329,194		
Welland Canal	657	3,652,760	4,600,009	5,278,127		
Sault Ste. Marie Canal - Can. lock ...	47	89,379	24,759	100,394		
All other canals	27	3,128	1,469	836		
Totals	1,377	6,652,452	8,407,163	9,820,946		
Sault St. Marie Canal - U.S. locks ...	691	..	4,524,055	7,352,696		

.. Figures not available.

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

Commodity	April 1967			Total April 1966	Cumulative total	
	Upbound	Downbound	Total		1967	1966
	tons					
Meat, fresh, chilled or frozen	51	2,589	2,640	1,300		
Milk powder	-	30	30	33		
Barley	-	77,978	77,978	147,271		
Corn	-	86,314	86,314	297,849		
Oats	-	37,750	37,750	54,524		
Rye	-	2,248	2,248	20,654		
Wheat	-	676,129	676,129	1,293,937		
Cereals, unmilled, n.e.s.	20	-	20	2		
Corn meal and flour	-	13	13	-		
Malt and malt flour	-	14,015	14,015	-		
Wheat flour	-	552	552	1,999		
Cereals, milled, n.e.s.	-	2	2	3		
Fruits, preserved, not canned, n.e.s.	4,760	14	4,774	1,369		
Fruits and preparations, canned (except infant foods)	2,943	213	3,156	1,495		
Vegetables, dried	32	27,839	27,871	4,416		
Vegetables and vegetable preparations, n.e.s.	2,307	1,710	4,017	1,937		
Raw sugar	11,648	-	11,648	6,945		
Molasses, crude	8,651	-	8,651	7,221		
Cocoa and chocolate	4,579	12	4,591	39		
Lard	-	1,060	1,060	546		
Miscellaneous foods, food materials and food preparations, n.e.s.	833	220	1,053	1,213		
Hulls, screenings, chaff and scourings	-	6,442	6,442	9,292		
Concentrated and complete feeds	92	177	269	287		
Soyabean oil meal and cake, n.e.s. ...	-	30,868	30,868	9,233		
Oil seed meals and cake, n.e.s.	-	24	24	-		
Brewers' and distillers' grains and solubles	-	-	-	-		
Feeds of vegetable origin, n.e.s.	1	225	226	124		
Ale, beer, stout and porter	1,426	-	1,426	1,165		
Wines	3,804	-	3,804	4,872		
Distilled alcoholic beverages	5,090	52	5,142	7,318		
Raw hides and skins and undressed fur skins	105	4,484	4,589	1,591		
Flaxseed	-	16,119	16,119	32,702		
Rapeseed	-	-	-	-		
Soyabeans	-	33,202	33,202	101,016		
Rubber and allied gums, natural, and natural gums and resins	6,243	-	6,243	-		
Logs	-	1,065	1,065	577		
Pulpwood	3,302	-	3,302	5,679		
Crude wood materials, n.e.s.	-	-	-	-		
Alumina and bauxite ore	14,208	-	14,208	6,770		
Iron ore, curde, and concentrates, calcined, roasted or treated	1,596,424	3,124	1,599,548	1,436,571		

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, and by Direction - Continued

Commodity	April 1967			Total April 1966	Cumulative total	
	Upbound	Downbound	Total		1967	1966
	tons					
Manganese ore	-	-	-	8,169		
Ores, concentrates and precipitates, n.e.s.	-	-	-	12		
Iron and steel scrap	-	-	-	-		
Non-ferrous and precious metal scrap	97	975	1,072	4,947		
Slags, drosses and other by-products	-	4,928	4,928	6		
Coal, bituminous, sub-bituminous, and lignite	61,607	22,595	84,202	85,883		
Crude petroleum, petroleum tops and natural gasoline	15,602	-	15,602	-		
Bentonite	-	19,467	19,467	-		
China clay	1,870	-	1,870	4,505		
Clay and other crude refractory materials, n.e.s.	11	-	11	12,359		
Stone, crude, n.e.s.	335	-	335	584		
Fluorspar	9,455	-	9,455	5,747		
Gypsum	-	-	-	-		
Phosphate rock	-	-	-	-		
Salt	-	37,412	37,412	24,260		
Crude non-metallic minerals (except coal and petroleum), n.e.s.	640	249	889	1,337		
Cotton and textile rags and waste	172	197	369	112		
Lumber and timber	862	442	1,304	151		
Veneer, plywood and wood building boards	4,621	126	4,747	2,997		
Pulp	2,477	-	2,477	2,880		
Newsprint paper	46,056	-	46,056	60,543		
Building paper and building board (except wood, plastic and gypsum board)	560	49	609	881		
Cordage, twine and rope (except braided cords and threads)	18,293	-	18,293	11,404		
Animal oils and fats (except marine)	27	5,613	5,640	379		
Fish and marine animal oils	2,903	-	2,903	70		
Soybean oil	-	-	-	299		
Vegetable oils and fats, except essential oils, n.e.s.	10,929	-	10,929	6,721		
Oils, fats, waxes, extracts and derivatives, animal and vegetable, n.e.s.	333	96	429	29		
Metallic salts and peroxy salts, of inorganic acids	1,449	3,941	5,390	989		
Inorganic chemicals, n.e.s.	584	243	827	5,758		
Glycol	-	-	-	4,777		
Organic chemicals, n.e.s.	8,992	5,445	14,437	10,194		
Fertilizers and fertilizer materials, n.e.s.	10	10	20	17		
Synthetic rubber (including rubber compounds and reclaimed rubber)	450	1,697	2,147	4,550		
Plastic materials, not shaped, and plastics basic shapes and forms	708	7,913	8,621	1,926		
Dyestuffs (except dyeing extracts); pigments, lakes and toners (excluding those in chemicals); and paints and related products	387	135	522	525		
Chemical specialties, industrial, n.e.s.	1,314	818	2,132	1,711		
Gasoline	48,795	-	48,795	11,630		
Fuel oil	124,007	-	124,007	120,246		
Lubricating oils and greases	32,317	254	32,571	20,570		
Coke of petroleum and coal	-	41,629	41,629	15,114		
Coal tar and coal pitch	1	-	1	-		
Petroleum and coal products, n.e.s.	23	2,856	2,879	10,450		
Ferro-alloys	8,341	71	8,412	2,372		
Pig iron	38,619	-	38,619	34,006		
Primary iron and steel, n.e.s.	5,009	-	5,009	36,219		
Castings and forgings (excluding pipes and fittings)	913	16	929	19		
Bars and rods, steel	41,012	1,530	42,542	27,182		
Plate, sheet and strip, steel	138,066	12,546	150,612	91,554		
Structural shapes and sheet piling ...	107,758	9	107,767	55,781		

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

Commodity	April 1967			Total April 1966	Cumulative total	
	Upbound	Downbound	Total		1967	1966
tons						
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	4,795	33	4,828	3,954		
Wire (including wire rope)	14,145	24	14,169	12,335		
Aluminum (including alloys)	3,803	1	3,804	2,121		
Zinc and alloys	2,029	-	2,029	4,102		
Non-ferrous metals, n.e.s.	135	-	135	1,005		
Metal fabricated basic products	12,897	418	13,315	14,685		
Glass basic products	6,868	182	7,050	5,527		
Cement	132	-	132	23		
Non-metallic mineral basic products, n.e.s.	3,787	113	3,900	3,489		
Bricks, tiles (clay) and refractories, n.e.s.	3,148	20	3,168	-		
Miscellaneous fabricated materials ...	170	1	171	387		
Tractors	3,619	404	4,023	5,037		
Machinery, n.e.s.	12,527	1,433	13,960	7,539		
Passenger automobiles and chassis ...	5,297	25	5,322	5,545		
Motor vehicle engines, accessories, parts and assemblies	2,575	963	3,538	1,829		
Equipment	1,690	534	2,224	1,096		
Personal and household goods	4,925	238	5,163	3,752		
Domestic package freight	4,895	8,538	13,433	62,774		
Other	38,967	4,746	43,713	44,179		
Total freight carried	2,528,528	1,213,405	3,741,933	4,329,194		

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, and by Direction

Commodity	April 1967			Total April 1966	Cumulative total	
	Upbound	Downbound	Total		1967	1966
tons						
Meat, fresh, chilled or frozen	19	2,412	2,431	899		
Milk powder	-	30	30	-		
Barley	-	87,918	87,918	159,117		
Corn	-	98,933	98,933	313,444		
Oats	-	45,461	45,461	58,100		
Rye	-	2,248	2,248	31,991		
Wheat	-	518,687	518,687	1,354,295		
Cereals, unmilled, n.e.s.	-	-	-	-		
Corn meal and flour	-	2	2	-		
Malt and malt flour	-	14,015	14,015	12,599		
Wheat flour	-	546	546	1,999		
Cereals, milled, n.e.s.	-	2	2	-		
Fruits, preserved, not canned, n.e.s.	2,047	-	2,047	329		
Fruits and preparations, canned (except infant foods)	1,746	-	1,746	867		
Vegetables, dried	-	25,293	25,293	3,815		
Vegetables and vegetable preparations, n.e.s.	906	1,376	2,282	270		
Raw sugar	-	-	-	4,819		
Sugar, n.e.s.	-	168	168	5		
Molasses, crude	-	-	-	-		
Syrup	-	-	-	-		
Cocoa and chocolate	971	-	971	913		
Lard	-	1,060	1,060	546		
Hulls, screenings, chaff and scourings	-	6,442	6,442	9,292		
Soyabean oil meal and cake	-	6,182	6,182	3,901		
Oil seed meals and cake, n.e.s.	-	-	-	-		
Brewers' and distillers' grains and solubles	-	-	-	-		

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, and by Direction - Continued

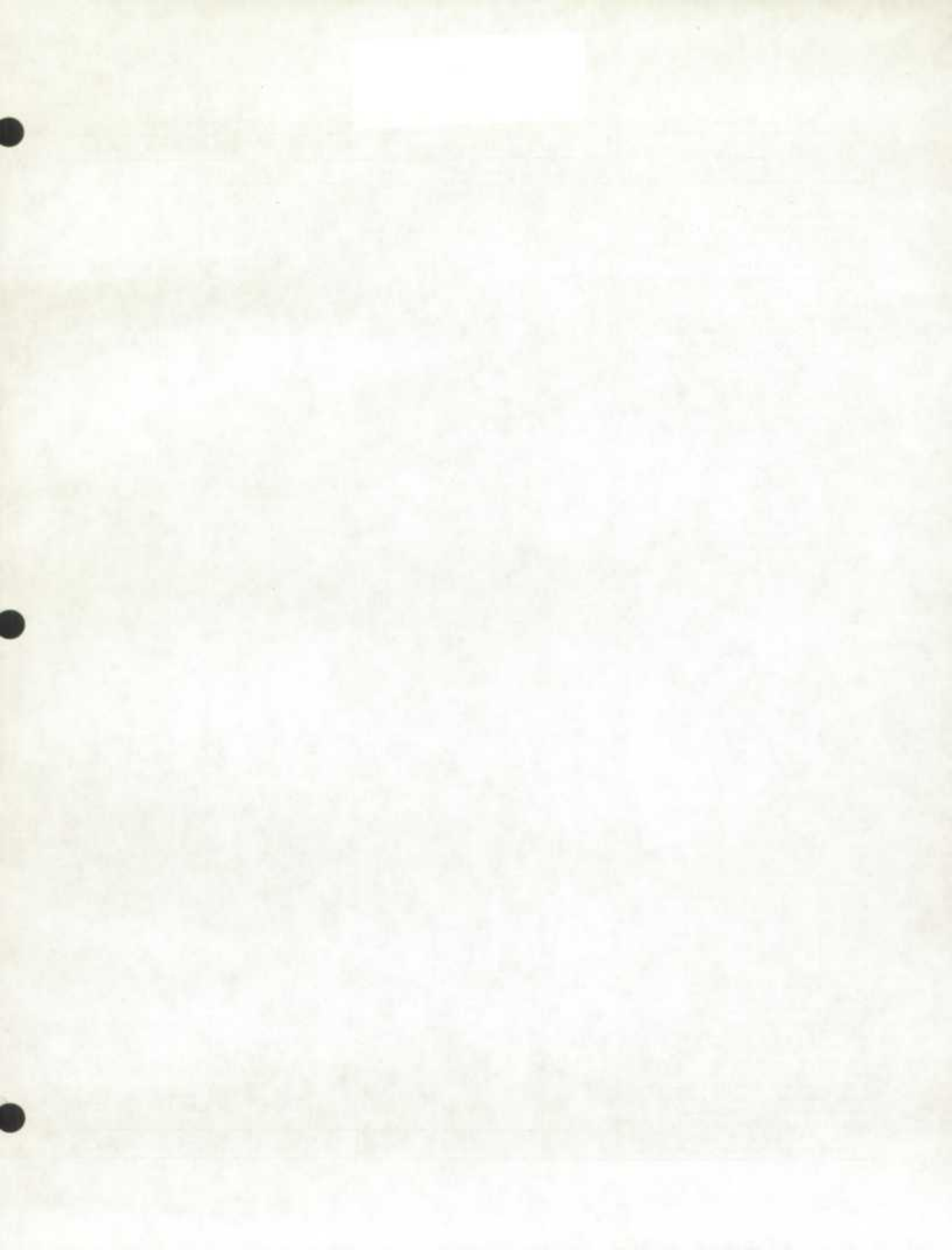
Commodity	April 1967			Total April 1966	Cumulative total	
	Upbound	Downbound	Total		1967	1966
	tons					
Feeds of vegetable origin, n.e.s.	1	225	226	120		
Concentrated and complete feeds	-	10	10	-		
Ale, beer, stout and porter	1,288	-	1,288	956		
Wines	3,161	-	3,161	3,839		
Distilled alcoholic beverages	3,791	50	3,841	6,314		
Raw hides and skins and undressed fur skins	71	1,392	1,463	392		
Flaxseed	-	20,056	20,056	35,674		
Rapeseed	-	-	-	-		
Soybeans	-	79,299	79,299	130,397		
Rubber and allied gums, natural, and natural gums and resins	4,996	-	4,996	-		
Logs	-	284	284	177		
Pulpwood	3,302	-	3,302	4,989		
Crude wood materials, n.e.s.	1	-	1	-		
Alumina and bauxite ore	14,208	-	14,208	6,770		
Iron ore, crude, and concentrates, calcined, roasted or treated	1,301,693	235,549	1,537,242	1,474,919		
Manganese ore	-	-	-	8,169		
Ores, concentrates and precipitates, n.e.s.	-	-	-	12		
Iron and steel scrap	-	-	-	148		
Non-ferrous and precious metal scrap	73	379	452	-		
Coal, bituminous, sub-bituminous, and lignite	-	1,108,306	1,108,306	756,656		
Natural gas and other crude bituminous substances	-	25	25	54		
Bentonite	-	19,467	19,467	-		
China clay	-	-	-	2,640		
Clay and other crude refractory materials, n.e.s.	-	10,535	10,535	23,364		
Sand and gravel	3,666	1,982	5,648	35,096		
Limestone	-	-	-	-		
Crushed stone, including stone refuse	-	-	-	-		
Dolomite	179,531	5,175	184,706	169,317		
Stone, crude, n.e.s.	249	-	249	9,676		
Fluorspar	9,455	-	9,455	5,747		
Salt	-	37,389	37,389	34,460		
Crude non-metallic minerals (except coal and petroleum), n.e.s.	585	189	774	5,365		
Cotton and textile rags and waste	28	194	222	13		
Veneer, plywood and wood building boards	3,000	100	3,100	2,309		
Pulp	2,477	-	2,477	2,880		
Newsprint paper	61,390	-	61,390	68,040		
Cordage, twine and rope (except braided cords and threads)	15,518	-	15,518	11,402		
Animal oils and fats (except marine)	27	4,875	4,902	14		
Soyabean oil	-	-	-	-		
Vegetable oils and fats, except essential oils, n.e.s.	5,601	-	5,601	2,045		
Oils, fats, waxes, extracts and derivatives, animal and vegetable, n.e.s.	299	5	304	-		
Metallic salts and peroxy salts, of inorganic acids	415	977	1,392	270		
Inorganic chemicals, n.e.s.	222	4,275	4,497	3,792		
Glycol	-	3,273	3,273	-		
Organic chemicals, n.e.s.	10,626	4,974	15,600	12,096		
Fertilizers and fertilizer materials, n.e.s.	10	-	10	17		
Synthetic rubber (including rubber compounds and reclaimed rubber)	7	1,697	1,704	3,900		
Plastic materials, not shaped, and plastics basic shapes and forms	55	7,472	7,527	1,615		
Chemical specialties, industrial, n.e.s.	952	763	1,715	1,212		
Gasoline	28,056	2,589	30,645	27,261		
Fuel oil	25,740	48,806	74,546	56,365		
Lubricating oils and greases	18,983	254	19,237	15,117		
Coke of petroleum and coal	-	41,629	41,629	15,114		
Asphalts and road oils	-	101	101	-		

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

Commodity	April 1967			Total April 1966	Cumulative total	
	Upbound	Downbound	Total		1967	1966
tons						
Coal tar and coal pitch	-	5,616	5,616	6,047		
Petroleum and coal products, n.e.s. ..	3,152	6,669	9,821	10,988		
Ferro-alloys	8,152	-	8,152	2,272		
Pig iron	38,619	-	38,619	34,006		
Primary iron and steel, n.e.s.	300	-	300	48,479		
Castings and forgings (excluding pipes and fittings)	805	16	821	-		
Bars and rods, steel	36,408	36	36,444	22,524		
Plate, sheet and strip, steel	134,967	180	135,147	87,031		
Structural shapes and sheet piling ...	96,252	5	96,257	38,349		
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	3,143	19	3,162	2,095		
Wire (including wire rope)	11,344	-	11,344	10,513		
Aluminum (including alloys)	3,462	-	3,462	1,724		
Zinc and alloys	2,029	-	2,029	4,102		
Non-ferrous metals, n.e.s.	103	-	103	962		
Metal fabricated basic products	9,832	217	10,049	11,324		
Glass basic products	6,221	-	6,221	4,146		
Cement	4,093	10,354	14,447	13,072		
Non-metallic mineral basic products, n.e.s.	2,649	40	2,689	2,217		
Tractors	2,867	374	3,241	3,903		
Machinery, n.e.s.	6,012	1,237	7,249	4,097		
Passenger automobiles and chassis ...	3,143	17	3,160	2,130		
Motor vehicle engines, accessories, parts and assemblies	1,436	670	2,106	1,463		
Equipment	567	238	805	503		
Domestic package freight	6,664	415	7,079	47,472		
Other	30,524	2,925	33,449	22,794		
Total freight carried	2,117,910	2,482,099	4,600,009	5,278,127		

TABLE 4. Tonnage of Freight Transported through the Sault Ste. Marie Canals, by Commodity, and by Direction
April 1967

Commodity	Upbound		Downbound		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	-	-	11,120	17,738	11,120	17,738
Pulpwood, lumber and logs	-	-	-	-	-	-
Wheat	-	-	-	530,205	-	530,205
Barley	-	-	-	136,553	-	136,553
Oats	-	-	-	73,528	-	73,528
Corn	-	-	-	10,808	-	10,808
Rye	-	-	-	9,771	-	9,771
Flaxseed	-	-	-	27,194	-	27,194
Soybeans	-	-	-	4,887	-	4,887
Flour	28	28	-	-	28	28
Mill products, screenings	-	-	1,494	14,988	1,494	14,988
Iron ore	-	-	-	3,109,842	-	3,109,842
Manufactured iron and steel	67	16,354	-	5,104	67	21,458
Pig iron	-	2,891	-	1,007	-	3,898
Scrap iron	-	-	-	-	-	-
Stone, broken, sand and gravel	-	100,278	-	-	-	100,278
Cement	-	12,081	-	-	-	12,081
Coal, bituminous	-	363,896	-	-	-	363,896
Coal, anthracite	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Non-metallic minerals, mfrs.	-	7,295	-	-	-	7,295
Gasoline	1,682	18,636	2,170	5,313	3,852	23,949
Fuel oil	5,094	33,971	-	4,729	5,094	38,700
Other petroleum products	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-
Miscellaneous merchandise	164	29,108	2,940	12,609	3,104	41,717
Domestic package freight	-	-	-	-	-	-
Total freight carried	7,035	584,538	17,724	3,964,276	24,759	4,548,814



STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010702123