

CATALOGUE No.

54-001

MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 49, No. 4

DOMINION BUREAU

Price: 10 cents \$1.00 a year

OCT 17 1968

PROPERTY OF THE
LIBRARY

SUMMARY OF CANAL STATISTICS

JULY 1968

Goods transported through all Canadian canals in July amounted to 10,337,514 tons, a contraction of 2.6 per cent from the 13,866,630 tons recorded in 1967. Vessel transits slid to 2,337 from 3,622 in July 1967 while their registered tonnage declined to 6,937,107 tons from 11,081,240 tons. The year's cumulative freight, at 45,413,394 tons, is 11.4 per cent less than at this time in the previous year.

An agreement terminating the Seaway strike was reached on July 15, and during the remaining portion of the month the St. Lawrence Canals accommodated ships carrying 4,793,162 tons of cargo; this represents a decline of 22.2 per cent from last year's 6,158,887 tons. Iron ore, which made up one-third of the month's total, was a full one million tons lower than 1967; however, earlier shipments at an accelerated rate meant the cumulative volume (8.5 million) was only 405,843 tons less. In reviewing this month's activity in other major commodities over the two years, wheat cargoes remained virtually unchanged, barley fell markedly, corn rose roughly one-quarter, fuel oil dropped about forty per cent, and steel products continued this year's impressive upward swing.

Freight locked through the Welland Canal, the other main Canadian section of the Seaway, tumbled to 5,348,369 tons or 26.6 per cent from 7,406,187 tons in July 1967. Leading to this loss was traffic in two bulk commodities, iron ore and bituminous coal; the former item declined from 2,846,165 tons to 1,563,662 tons, and the latter from 1,073,273 tons to 660,401 tons. Iron and steel products, as in the case of the St. Lawrence Canals, were substantially higher; the greater part of this tonnage is destined for the United States.

The Canadian lock at Sault Ste. Marie again declined appreciably, having handled only a fraction of last year's volume; this year's cumulative total amounts to 230,757 tons. During July, the much larger and more active American locks processed 2,555 vessels and 12,235,691 cargo tons; freight dropped from the 13,380,893 tons of June 1967, the decrease being experienced in the traditional mainstays of the canal, namely grains and iron ore.

Many commodity names in this report have been abbreviated due to space limitations, but reference to Appendix C of the annual Canal Statistics (catalogue number 54-201) will provide a complete description.

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

Canal	July			Tonnage of freight July 1967	Cumulative tonnage of freight	
	Number of Vessel passages	Registered net tonnage of vessels	Tonnage of freight		1968	1967
Canso Canal	187	130,847	148,485	132,708	523,477	369,116
St. Lawrence Canals	664	3,114,258	4,793,162	6,158,887	20,783,693	22,938,193
Welland Canal	648	3,555,555	5,348,369	7,406,187	23,862,557	27,421,618
Sault Ste. Marie Canal - Can. lock	387	109,570	43,706	163,681	230,757	517,738
All other canals	451	26,877	3,792	5,167	12,910	16,344
Totals	2,337	6,937,107	10,337,514	13,866,630	45,413,394	51,263,009
Sault Ste. Marie Canal - U.S. locks	2,555	..	12,235,691	13,380,893	44,867,717	45,385,391

.. Figures not available.

Transportation and Public Utilities Division
Transportation Section

October 1968
8702-517

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	JULY			TOTAL JULY 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
ST. LAWRENCE CANALS:						
MEAT, FRESH OR FROZEN	52	3,139	3,191	7,698	9,382	20,667
MILK POWDER		15,808	15,808	13,444	37,848	59,396
BARLEY		37,386	37,386	302,224	147,160	883,914
CORN		347,341	347,341	279,028	1,164,006	881,988
DATS		19,757	19,757	72,133	92,217	227,150
RYE		5,875	5,875	14,153	41,702	86,393
WHEAT		646,574	646,574	646,740	3,288,548	4,140,480
CORN MEAL AND FLOUR	8	15,148	15,156	15,364	47,156	42,221
MALT AND MALT FLOUR		9,743	9,743	16,348	33,221	43,656
WHEAT FLOUR		22,313	22,313	12,963	55,812	43,851
CEREALS, MILLED, NES		6,546	6,546	23,976	16,672	41,637
FRUITS, PRESERVED	2,134		2,134	2,241	5,606	12,996
FRUITS, PREPARATIONS	2,974	60	3,034	3,432	11,967	9,936
VEGETABLES, DRIED	3	1,790	1,793	25,612	14,167	101,782
VEGETABLE PREP. NES	803	219	1,022	1,424	11,047	13,642
RAW SUGAR				10,645	53,731	42,534
MOLASSES, CRUDE	9,622		9,622	10,635	39,852	52,333
COCOA AND CHOCOLATE	6,193		6,193	6,193	16,036	21,716
LARD		8,566	8,566	6,413	21,840	28,397
MISC. FOOD PREP. NES	2,563	186	2,749	16,099	7,510	23,287
HULLS, SCREENINGS, CHAFF		882	882	8,056	21,306	32,969
GROUND CEREALS, NES		132	132	34,621	1,607	124,912
SOYABEAN OIL MEAL, CAKE	24	16,362	16,386	88,302	59,520	264,131
OIL SEED MEAL, CAKE, NES		168	168	3,873	7,793	13,029
CONC. COMPLETE FEEDS	224	2,408	2,632	30,477	3,344	61,516
WINES	5,898	25	5,923	3,613	20,651	15,185
DIST. ALCOHOLIC BEVERAGES	6,295	36	6,331	3,379	8,517	16,788
OTHER FOOD, FEED, TOBACCO	6,105	40,749	46,854	14,837	192,172	52,652
RAW HIDES AND SKINS	145	3,672	3,817	5,615	26,691	35,461
FLAXSEED		29,401	29,401	51,352	131,945	202,283
RAPESEED				7,142	6,386	20,894
SOYABEANS		45,432	45,432	97,062	386,909	364,666
RUBBER, ALLIED GUMS, NAT.	22,634		22,634	2,469	47,476	24,815
LOGS		171	171	916	10,630	12,598
PULPWOOD	43,098		43,098	73,685	96,274	158,517
ALUMINA, BAUXITE ORE	5,869		5,869	26,195	35,291	71,186
IRON ORE AND CONC.	1,634,284		1,634,284	2,676,198	8,453,877	8,859,720
MANGANESE ORE	9,968	42	10,010	47,538	94,953	143,333
TITANIUM ORE	19,232		19,232	30	19,403	15,188
ORES AND CONC. NES	11,381		11,381	514	33,200	3,690
IRON AND STEEL SCRAP		14,680	14,680	80,209	22,981	248,467
NON-FERROUS MET. SCRAP	48	2,776	2,824	6,685	13,828	18,461
COAL, BITUMINOUS	86,439	49,347	135,786	151,974	480,553	582,933
CRUDE PETROLEUM				39,665	75,977	86,394
BENTONITE		183	183	956	47,724	47,077
CHINA CLAY	5,216		5,216	7,819	15,625	20,116
CLAY MATERIALS NES		113	113	6,063	1,174	8,075
STONE, CRUDE, NES	280		280	4,975	16,459	6,678
FLUORSPAR	20,590		20,590	13,046	70,872	54,647
GYPSPUM		53	53	6,845	6,116	25,872
PHOSPHATE ROCK				13,591		50,281
SALT		64,996	64,996	53,027	227,447	141,685
CRUDE NON-MET. MIN. NES	399		399	3,181	1,858	20,943
OTHER CRUDE MATERIALS, INEDIBLE	3,388	2,519	5,907	7,622	38,493	55,965
LUMBER AND TIMBER	3,208	1,338	4,546	4,316	11,217	11,113
VENEER AND PLYWOOD	5,035	87	5,122	6,976	19,407	18,638
PULP	12,177	2,055	14,232	8,844	36,682	25,990
NEWSPRINT PAPER	10,977		10,977	49,624	91,964	199,077
CORDAGE, TWINE, ROPE	1,757	100	1,857	1,772	39,615	37,274
ANIMAL OILS, EXC. MARINE	5	13,630	13,635	23,491	49,141	80,450
SOYABEAN OIL		690	690	1,836	3,346	7,136
VEG. OILS, FATS, NES	7,954	163	8,117	1,675	38,967	28,640
METALLIC SALTS	793	6,015	6,808	8,649	40,392	20,898
INORGANIC CHEMICALS NES	1,985	168	2,153	1,764	10,694	9,956
ORGANIC CHEMICALS NES	3,248	2,834	6,082	19,525	47,253	62,439
FERTILIZERS	50	5	55	44	2,765	13,626
SYNTHETIC RUBBER	47	2,709	2,756	10,882	20,633	27,186
PLASTIC MATERIALS	1,091	3,145	4,236	4,791	14,255	24,131
CHEM. SPECIALTIES NES	308	510	818	2,090	16,969	9,053
GASOLINE	29,037		29,037	50,880	118,920	201,834
FUEL OIL	142,589	9,424	152,013	248,542	762,059	894,046
LUBRICATING OIL, GREASE	17,506	1,696	19,202	27,809	63,299	109,751
COKE		8,064	8,064	22,513	126,775	142,184
PETROL, COAL PROD. NES	72	18,350	18,422	32,236	48,392	82,135
FERRO-ALLOYS	10,350		10,350	3,208	35,076	35,454
PIG IRON	28,289		28,289	15,838	85,341	110,630
PRIMARY IRON, STEEL NES	2,922		2,922	5,919	11,105	12,502
CASTINGS, FORGINGS	2,346		2,346	6,475	12,885	10,469
BAR AND RODS, STEEL	77,961	152	78,113	35,274	248,740	190,769
PLATE AND SHEET STEEL	714,742	9,512	724,254	221,584	1,932,471	457,276
STRUCTURAL SHAPES	130,424	748	131,172	54,103	382,689	285,455

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	JULY			TOTAL JULY 1967	CUMULATIVE TOTAL		
	UP	DDWN	TOTAL		1968	1967	
PIPE, TUBE, IRON AND STEEL	6,905	37	6,942	6,458	24,831	21,813	
WIRE	20,462	118	20,580	10,185	55,049	50,222	
ALUMINUM	4,283	54	4,337	2,432	15,886	15,130	
ZINC AND ALLOYS	5,584		5,584	2,084	16,510	12,017	
METAL FAB. BASIC PRODUCTS	12,924	334	13,258	16,134	50,665	64,020	
GLASS BASIC PRODUCTS	9,358	38	9,396	6,835	29,736	27,154	
CEMENT	3,724	1,868	5,592	64	6,675	16,502	
NON-MET. MIN. BASIC PROD.	3,711	447	4,158	1,366	10,870	17,292	
OTHER FAB. MATERIALS, INEDIBLE	12,557	8,130	20,687	32,570	79,212	93,503	
TRACTORS	3,065	2,752	5,817	8,185	27,523	27,125	
MACHINERY NES	10,811	6,704	17,515	16,909	67,964	67,579	
PASS. AUTOS AND CHASSIS	6,914	3,712	10,626	17,434	52,550	49,306	
MILITARY MOTOR VEHICLES		879	879	12,414	1,136	20,134	
MOTOR VEHICLE ENGINES, PARTS ..	1,813	424	2,237	5,531	11,192	18,017	
EQUIPMENT	1,223	725	1,948	3,685	7,967	12,273	
PERSONAL, HOUSEHOLD GOODS	8,134	602	8,736	7,529	25,836	24,231	
OTHER END PRODUCTS, INEDIBLE ..	13,622	5,106	18,728	23,257	61,373	78,620	
DOMESTIC PACKAGE FREIGHT	15,939	13,418	29,357	59,441	175,134	181,060	
TOTAL	3,251,771	1,541,391	4,793,162	6,158,887	20,783,693	22,938,193	
WELLAND CANAL:							
MEAT, FRESH OR FROZEN		3,013	3,013	7,135	8,284	18,849	
MILK POWDER		15,672	15,672	12,670	37,636	56,877	
BARLEY		41,863	41,863	318,288	183,376	950,782	
CORN		359,869	359,869	297,048	1,223,010	951,653	
OATS		21,119	21,119	78,220	104,843	255,030	
RYE		5,875	5,875	15,512	41,702	90,163	
WHEAT		645,494	645,494	670,884	3,097,615	4,112,508	
CORN MEAL AND FLOUR		15,148	15,148	15,346	47,148	42,192	
MALT AND MALT FLOUR		9,743	9,743	17,532	33,218	44,836	
WHEAT FLOUR		22,313	22,313	12,963	55,812	43,845	
CEREALS, MILLED, NES		6,546	6,546	23,969	17,945	41,603	
VEGETABLES, DRIED		1,453	1,453	23,333	12,453	90,577	
VEGETABLE PREP. NES	359	44	403	552	5,331	8,078	
SUGAR NES	4,261	1,654	5,915	9,260	21,442	34,941	
MOLASSES, CRUDE	4,997		4,997	21,609	28,303	50,678	
SYRUP				2,676	8	2,679	
COCOA AND CHOCOLATE	3,674		3,674	1,158	7,180	10,524	
TARD		8,566	8,566	6,413	22,475	28,397	
HULLS, SCREENINGS, CHAFF		882	882	8,056	21,306	32,969	
GROUND CEREALS, NES		132	132	34,621	1,601	124,912	
SOYABEAN OIL MEAL, CAKE	24	6,565	6,589	73,840	21,376	183,044	
OIL SEED MEAL, CAKE, NES				3,553	7,166	12,122	
CONC. COMPLETE FEEDS	43	2,408	2,451	30,291	2,548	60,712	
WINES	4,179	17	4,196	2,306	12,684	10,562	
DIST. ALCOHOLIC BEVERAGES	5,766	36	5,802	2,925	18,664	13,522	
OTHER FOOD, FEED, TOBACCO	11,325	38,865	50,190	26,133	178,573	66,185	
RAW HIDES AND SKINS	122	2,905	3,027	3,371	20,953	22,587	
FLAXSEED		30,889	30,889	54,352	140,288	216,675	
RAPESEED				7,142	2,025	20,894	
SOYABEANS		90,684	90,684	140,461	489,318	565,707	
RUBBER, ALLIED GUMS, NAT.	19,825		19,825	1,756	44,571	20,632	
LOGS		171	171	866	8,279	7,444	
PULPWOOD	29,796		29,796	60,328	74,608	139,886	
ALUMINA, BAUXITE ORE	5,869		5,869	26,166	35,291	71,137	
IRON ORE AND CONC.	1,402,990	160,672	1,563,662	2,846,165	7,959,796	9,260,744	
MANGANESE ORE	9,968	42	10,010	47,538	93,831	143,353	
TITANIUM ORE	17,677		17,677	30	17,848	15,168	
ORES AND CONC. NES	11,381		11,381	514	22,389	3,690	
IRON AND STEEL SCRAP		14,680	14,680	80,104	22,981	228,347	
NON-FERROUS MET. SCRAP	40	301	341	4,517	5,729	13,113	
COAL, BITUMINOUS		660,401	660,401	1,073,273	3,909,486	4,527,197	
CRUDE PETROLEUM				17,703	17,549	17,703	
BENTONITE		183	183	956	47,724	47,077	
CHINA CLAY	3,343	6,000	9,343	5,958	17,871	14,500	
DOLOMITE	134,973	71	135,044	134,021	537,534	507,770	
CLAY MATERIALS NES		113	113	14,560	7,120	25,860	
SAND AND GRAVEL	913	22,274	23,187	41,095	61,145	64,381	
STONE, CRUDE, NES	186		186	878	1,612	22,401	
FLUORSPAR	26,248		26,248	11,965	72,518	48,347	
SALT		82,007	82,007	106,595	401,552	299,466	
CRUDE NON-MET. MIN. NES	356		356	2,836	2,429	19,177	
OTHER CRUDE MATERIALS, INEDIBLE	1,171	2,194	3,365	4,345	37,281	41,672	
VENEER AND PLYWOOD	3,850	64	3,914	5,406	14,139	12,620	
PULP	12,177		12,177	1,590	27,713	15,722	
NEWSPRINT PAPER	20,668		20,668	58,318	140,294	235,905	
CORDAGE, TWINE, ROPE	1,425	100	1,525	1,098	29,419	26,445	
ANIMAL OILS, EXC. MARINE	5	10,693	10,698	23,226	44,538	77,499	
VEG. OILS, FATS, NES	1,872	163	2,035	506	12,282	15,002	
METALLIC SALTS	382	11,684	12,066	18,133	37,983	33,734	



1010702135

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	JULY			TOTAL JULY 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
INORGANIC CHEMICALS NES	1,843	4,261	6,104	6,383	41,783	46,347
GLYCOL				3,219	7,477	15,577
ORGANIC CHEMICALS NES	1,962	2,559	4,521	23,807	42,492	76,088
FERTILIZERS	50	15,692	15,742	34	18,327	187
SYNTHETIC RUBBER		2,055	2,055	10,473	19,337	25,750
PLASTIC MATERIALS	215	2,861	3,076	3,762	10,372	19,249
CHEM. SPECIALTIES NES	126	380	506	1,865	10,926	7,648
GASOLINE	24,175	5,246	29,421	58,314	96,438	156,958
FUEL OIL	26,068	36,160	62,228	175,745	434,998	480,034
LUBRICATING OIL, GREASE	14,294	1,696	15,990	34,313	62,085	84,813
COKE		8,064	8,064	22,513	173,553	149,034
ASPHALTS, ROAD OILS		126	126	12,722	421	23,730
COAL TAR, PITCH	12,027	12,695	24,722	10,420	75,419	46,318
PETROL, COAL PROD. NES		33,886	33,886	25,248	67,294	97,782
FERRO-ALLOYS	7,546		7,546	2,031	31,941	33,008
PIG IRON	21,765		21,765	15,838	74,786	115,095
PRIMARY IRON, STEEL NES	2,922		2,922	5,917	10,921	7,743
CASTINGS, FORGINGS	2,325		2,325	6,365	12,528	10,185
BAR AND RODS, STEEL	74,034	152	74,186	30,399	235,227	169,014
PLATE AND SHEET STEEL	707,436	1,306	708,742	210,872	1,885,681	772,229
STRUCTURAL SHAPES	122,836	36	122,872	39,976	341,689	233,582
PIPE, TUBE, IRON AND STEEL	5,812		5,812	3,972	19,007	14,106
WIRE	19,218	7	19,225	9,255	50,349	44,217
ALUMINUM	3,986	54	4,040	1,731	14,287	12,153
ZINC AND ALLOYS	5,584		5,584	2,084	16,412	11,977
METAL FAB. BASIC PRODUCTS	12,069	213	12,282	12,839	43,634	52,711
GLASS BASIC PRODUCTS	8,092	21	8,113	5,859	24,685	22,534
CEMENT	4,605	8,504	13,109	17,205	55,014	149,536
NON-MET. MIN. BASIC PROD.	3,337	447	3,784	1,116	8,234	9,807
OTHER FAB. MATERIALS, INEDIBLE	9,544	2,954	12,498	20,468	49,745	53,328
TRACTORS	2,400	2,752	5,152	7,305	24,214	23,804
MACHINERY NES	7,460	6,556	14,016	12,656	49,881	46,926
PASS. AUTOS AND CHASSIS	6,120	3,712	9,832	15,276	46,240	41,087
MILITARY MOTOR VEHICLES		879	879	12,397	1,126	20,015
MOTOR VEHICLE ENGINES, PARTS ..	1,552	401	1,953	4,921	9,058	14,218
OTHER END PRODUCTS, INEDIBLE ..	11,835	3,987	15,822	16,985	47,221	52,547
DOMESTIC PACKAGE FREIGHT	19,163	6,903	26,066	49,787	179,960	162,186
TOTAL	2,880,236	2,468,133	5,348,369	7,406,187	23,862,557	27,421,618

TABLE 3. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE SAULT STE. MARIE CANALS, BY COMMODITY AND DIRECTION.
-JULY-

COMMODITY	UP		DOWN		TOTAL	
	CANADIAN LOCK	CANADIAN AND U.S. LOCKS	CANADIAN LOCK	CANADIAN AND U.S. LOCKS	CANADIAN LOCK	CANADIAN AND U.S. LOCKS
PAPER AND WOODPULP			13,513	33,806	13,513	33,806
PULPWOOD, LUMBER AND LOGS				14,800		14,800
WHEAT				506,116		506,116
BARLEY				35,654		35,654
OATS				14,401		14,401
CORN				90,249		90,249
RYE				4,784		4,784
FLAXSEED				18,758		18,758
SOYABEANS		454		4,480		4,934
FLOUR				4,264		4,264
MILL PRODUCTS, SCREENINGS		4,480		1,251		5,731
IRON ORE				10,174,298		10,174,298
MANUFACTURED IRON AND STEEL		17,128		40,456		57,584
PIG IRON		7,741		16,346		24,087
SCRAP IRON				5,361		5,361
STONE, BROKEN, SAND AND GRAVEL ..		224,674	9,300	19,300	9,300	243,974
CEMENT		45,034				45,034
COAL, BITUMINOUS		770,856				770,856
COAL, ANTHRACITE						
COKE						
NON-METALLIC MINERALS, MFRS.		17,200				17,200
GASOLINE	798	17,530		6,281	798	23,811
FUEL OIL	11,163	54,489		4,736	11,163	59,225
OTHER PETROLEUM PRODUCTS						
MOTOR VEHICLES				39,277	6,850	122,388
MISCELLANEOUS MERCHANDISE	6,850	83,111		2,082	2,082	2,082
DOMESTIC PACKAGE FREIGHT			2,082			
TOTAL	18,811	1,242,697	24,895	11,036,700	43,706	12,279,397