

The St. Lawrence Seaway

2011 Traffic Report

THE ST. LAWRENCE SEAWAY TRAFFIC REPORT 2011 NAVIGATION SEASON

PREPARED BY

THE ST. LAWRENCE SEAWAY MANAGEMENT CORPORATION

AND THE

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Available from our web site: www.greatlakes-seaway.com

EDITORIAL NOTES

The Traffic Report for The St. Lawrence Seaway Management Corporation is an annual publication prepared jointly by The St. Lawrence Seaway Management Corporation and the Saint Lawrence Seaway Development Corporation. Prior to 1983, the last jointly prepared Traffic Report was published in 1976. During the interim years, separate reports were published by the two entities.

This report covers the navigation year as reported in Table S3. The calendar year or the fiscal year is not considered.

The primary contents of this report are divided into four parts:

- Part I** - Table summaries of the 2011 St. Lawrence Seaway traffic activities.
- Part II** - Table summaries of cargo and vessel movements through the St. Lawrence Seaway. These tables represent total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.
- Part III** - Table summaries of cargo and vessel movements through the Montreal - Lake Ontario Section of the St. Lawrence Seaway.
- Part IV** - Table summaries of cargo and vessel movements through the Welland Canal Section of the St. Lawrence Seaway.

Historical tables cover the latest 20 years. Anyone needing historical tables going back to 1959 can find the "Historical Tables" brochure on our web site www.greatlakes-seaway.com.

As in past years, transits and gross registered tonnage for non-toll traffic are not included in this report.

Passenger vessels are considered to be cargo vessels. Unless their data are specified under passenger, their transits and gross registered tonnage are included amongst the cargo vessel category.

Prior to 1999, the assessment of tolls required tugs and barges in common transits be considered as one unit. From 1999 onwards, the tug and the barge are each considered to be a separate transit.

Users of this report should note that all cargo and transit figures are based on the transit of at least one lock of the section of the Seaway for which statistics are given.

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PART I

ST. LAWRENCE SEAWAY TOLL TRAFFIC

DEFINITIONS

AND

2011 TRAFFIC SUMMARIES

DEFINITIONS

In this report, cargo quantities are recorded in metric tonnes. If required, short ton equivalencies may be calculated by multiplying the metric quantities using the 1.1023 conversion factor.

For the interpretation of the tabulations contained in this report, the following definitions should be noted:

- a) **Bulk Cargo** *The tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls*
- b) **Cargo Tonnes** *The tonnes of cargo carried by a vessel on each or any transit.*
- c) **Coal Cargo** *The tonnes of cargo assessed at the Coal rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls. Previous to 1999, coal was listed under Bulk.*
- d) **Commodity** *The classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United States.*
- e) **Container Cargo** *The tonnes of cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.*
- f) **Destination** *The country/port in which the cargo was unloaded.*
- g) **General Cargo** *The tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.*
- h) **Government Aid Cargo** *The tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.*
- i) **Grain Cargo** *The tonnes of cargo assessed at the Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.*
- j) **Gross Registered Tonnage** *The gross registered tonnage of a vessel according to the prescribed rules for measurement under the International Convention on Tonnage Measurement of Ships, 1969.*
- k) **Mixed Cargo** *Indicates that a vessel carried a combination of Bulk, Coal, Grain, Government Aid, Containers, General or Steel Slab cargoes.*

- l) **Origin** *The country/port in which the cargo was loaded.*
- m) **Passenger** *Prior to 2003, in Table S1, the Gross Registered Tonnage for the Passenger Vessels was included in the Non-Cargo Vessels.*
- n) **Steel Slab Cargo** *The tonnes of cargo assessed at the Steel Slab rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.*
- o) **Transit** *A partial or complete upbound or downbound passage of a ship through one or more locks of a Seaway Canal.*
- p) **Tug and Barge Combination** *Prior to 1999, the assessment of tolls required tugs and barges in common transits be considered as one unit. From 1999 onwards, the tug and the barge are each considered to be a separate transit, and the number of transits shown under "Barge" are strictly barge transits. Tug transits are now included in the non-cargo category.*

It should be noted, in any analysis, that there is not necessarily a relationship between a specific "Commodity" classification and a "Tariff of Tolls" classification. Due to the method of packaging, handling, special refinements or other provisions, an otherwise identical commodity item may be classified in any of the Bulk, Coal, Grain, Government Aid, Containers, General or Steel Slab Tariff of Tolls categories.

TRAFFIC SUMMARY 2011

TABLE S1

TRAFFIC AND REVENUE	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance % 2010	Tonnes and Transits	% of Total	Variance % 2010	Tonnes and Transits	% of Total	Variance % 2010
Cargo Tonnes by Toll Classification:									
Bulk	23,657,035	63.0	7.2	17,760,733	61.8	15.6	17,218,186	58.1	5.6
Coal	3,739,848	10.0	1.2	1,148,224	4.0	26.2	3,739,848	12.6	1.9
Grains	8,613,271	22.9	-6.4	8,283,131	28.8	-8.6	7,539,218	25.4	-5.9
Government Aid	-	-	-	-	-	-	-	-	-
Containers	36,702	0.1	-3.5	36,702	0.1	-3.5	6,385	0.0	-45.7
General Cargo	1,410,756	3.8	-3.6	1,410,756	4.9	-3.6	1,131,409	3.8	-4.8
Steel Slabs	81,998	0.2	3.1	81,998	0.3	3.1	1,613	0.0	460.1
Total Cargo Tonnes	37,539,610	100.0	2.7	28,721,544	100.0	6.7	29,636,659	100.0	1.6
Gross Registered Tonnage:									
Cargo Vessels	44,341,316	99.1	6.7	33,061,519	99.1	11.1	38,055,551	99.2	4.2
Non-Cargo Vessels	359,058	0.8	10.3	237,177	0.7	15.5	285,236	0.7	12.2
Passengers	56,495	0.1	-10.7	49,351	0.1	37.3	38,295	0.1	-14.2
Total Gross Registered Tonnage	44,756,869	100.0	6.7	33,348,047	100.0	11.2	38,379,082	100.0	4.3
Vessel Transits:									
Loaded Cargo Vessels	2,263	53.5	5.2	1,770	59.0	5.5	1,675	50.8	2.5
Ballast Cargo Vessels	1,152	27.3	13.1	760	25.3	21.6	1,048	31.8	9.4
Non-Cargo Vessels	812	19.2	7.5	470	15.7	10.3	573	17.4	5.5
Total Vessel Transits	4,227	100.0	7.7	3,000	100.0	10.0	3,296	100.0	5.1
Additional Information:	Number			Number			Number		
Passengers (Number)	4,968	-	26.4	3,358	-	21.7	1,662	-	40.6
Pleasure Craft Lockages	11,408	-	7.6	7,992	-	3.3	3,416	-	19.3
REVENUE (1)	Revenue	% of Total	Variance 2010%	Revenue	% of Total	Variance 2010%	Revenue	% of Total	Variance 2010%
Traffic Revenue (\$) by Toll Classification	\$			\$			\$		
Bulk	28,319,156	45.0	11.4	16,829,682	57.8	16.1	11,489,474	33.9	5.0
Coal	3,157,160	5.0	3.6	648,021	2.2	20.5	2,509,140	7.4	0.0
Grains	10,116,609	16.1	-8.2	5,042,145	17.3	-9.4	5,074,465	15.0	-7.0
Government Aid	-	-	-	-	-	-	-	-	-
Containers	22,835	0.0	-20.0	19,344	0.1	-12.6	3,491	0.0	-45.7
General Cargo	4,468,107	7.1	-3.4	3,274,385	11.2	-3.2	1,193,722	3.5	-4.0
Steel Slabs	171,785	0.3	-1.2	170,522	0.6	-1.8	1,263	0.0	461.2
Gross Registered Tonnage	9,051,691	14.4	6.5	3,137,469	10.8	11.1	5,914,222	17.5	4.2
Passengers	31,860	0.1	21.7	16,788	0.1	23.2	15,072	0.0	20.1
Lockage Fees	7,645,599	12.1	2.3	-	-	-	7,645,599	22.6	2.3
Total Tolls - Current Shipping Season	62,984,802	100.0	4.4	29,138,356	100.0	7.9	33,846,446	100.0	1.6

(1) Traffic revenue from commodities and vessels which transited the Seaway during the current shipping season.

**COMMODITY SUMMARY
2011**

TABLE S2

SUMMARY OF MAJOR COMMODITIES	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance % 2010	Tonnes	% of Total	Variance % 2010	Tonnes	% of Total	Variance % 2010
Agricultural Products:									
Wheat	5,471,995	14.6	-6.5	5,410,972	18.8	-7.6	5,247,326	17.7	-6.5
Corn	488,332	1.3	-4.4	379,391	1.3	-22.7	208,381	0.7	4.3
Rye	-	-	-	-	-	-	-	-	-
Oats	2,200	0.0	0.0	2,200	0.0	0.0	2,200	0.0	0.0
Barley	1,882	0.0	-96.6	1,882	0.0	-96.6	-	-	-100.0
Soybeans	1,305,728	3.5	-21.6	1,288,274	4.5	-22.4	738,177	2.5	-30.2
Flaxseed	99,432	0.3	-66.4	99,432	0.3	-66.4	99,432	0.3	-66.4
Canola (Rapeseed)	931,439	2.5	132.5	788,717	2.7	180.3	931,439	3.1	136.8
Other Grains	312,263	0.8	-26.0	312,263	1.1	-26.0	312,263	1.1	-24.2
<i>Total Grains</i>	8,613,271	22.9	-6.4	8,283,131	28.8	-8.6	7,539,218	25.4	-5.9
Other Agricultural Products	20,708	0.1	224.9	20,708	0.1	224.9	-	-	-
Total Agricultural Products	8,633,979	23.0	-6.3	8,303,839	28.9	-8.5	7,539,218	25.4	-5.9
Mine Products:									
Iron Ore	8,841,856	23.6	-9.2	8,212,486	28.6	14.0	5,961,836	20.1	-16.4
Coal	3,739,848	10.0	1.2	1,148,224	4.0	26.2	3,739,848	12.6	1.9
Coke	2,290,270	6.1	28.0	1,449,054	5.0	1.3	2,079,628	7.0	24.8
Stone, Ground, Crushed, or Rough	466,745	1.2	-6.8	228,227	0.8	-17.8	466,745	1.6	-6.8
Salt	2,776,212	7.4	35.2	1,250,759	4.4	33.5	2,569,434	8.7	29.7
Other Mine Products	1,568,190	4.2	-1.2	1,208,600	4.2	-0.8	889,951	3.0	-4.7
Total Mine Products	19,683,121	52.4	1.6	13,497,350	47.0	12.7	15,707,442	53.0	-1.1
Processed Products:									
Iron and Steel	1,327,103	3.5	-2.0	1,327,103	4.6	-2.0	1,055,122	3.6	-2.5
Steel Slabs	141,115	0.4	20.7	81,998	0.3	3.1	60,730	0.2	61.1
Petroleum Products	2,453,744	6.5	74.1	2,413,674	8.4	77.7	1,907,065	6.4	96.8
Chemicals	660,951	1.8	2.4	626,884	2.2	3.0	243,440	0.8	1.7
Other Processed Products	4,639,597	12.4	4.7	2,470,696	8.6	0.3	3,123,642	10.5	5.7
Total Processed Products	9,222,510	24.6	15.9	6,920,355	24.1	18.0	6,389,999	21.6	21.0
Miscellaneous Cargo:									
Forest Products	-	-	-	-	-	-	-	-	-
Animal Products	-	-	-100.0	-	-	-100.0	-	-	-
Total Miscellaneous Cargo	-	-	-100.0	-	-	-100.0	-	-	-
GRAND TOTAL	37,539,610	100.0	2.7	28,721,544	100.0	6.7	29,636,659	100.0	1.6

**ACTUAL OPENING AND CLOSING DATES OF NAVIGATION
1992 - 2011**

TABLE S3

YEAR	MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Opening	Closing	Days of Navigation	Opening	Closing	Days of Navigation
1992	March 30	December 23	269	March 30	December 24	270
1993	March 30	December 26	272	March 30	December 25	271
1994	April 5	December 29	269	April 5	December 30	270
1995	March 24	December 28	280	March 24	December 25	277
1996	March 29	December 27	274	March 29	December 25	272
1997	April 02	December 26	269	April 02	December 24	267
1998	March 26	December 28	278	March 24	December 28	280
1999	March 31	December 25	270	March 31	December 25	270
2000	March 27	December 26	275	March 27	December 25	274
2001	March 23	December 24	277	March 23	December 24	277
2002	March 26	December 26	276	March 26	December 25	275
2003	March 31	December 28	273	March 26	December 30	280
2004	March 25	December 30	281	March 23	December 31	284
2005	March 25	December 29	280	March 23	December 30	283
2006	March 23	December 30	283	March 21	December 30	285
2007	March 21	December 28	283	March 20	December 29	285
2008	March 22	December 29	283	March 20	December 30	286
2009	March 31	December 29	274	March 31	December 30	275
2010	March 25	December 29	280	March 25	December 30	281
2011	March 22	December 30	284	March 22	December 30	284

ACTUAL DATES: **OPENING** = The date the system opened for commercial navigation.
 CLOSING = The date the last commercial vessel cleared the system.

PART II

**ST. LAWRENCE SEAWAY
COMBINED TOLL TRAFFIC
FOR BOTH THE
MONTREAL - LAKE ONTARIO
AND THE
WELLAND CANAL SECTIONS**

**TRAFFIC BY CLASS AND TYPE OF VESSEL
2011**

TABLE C1 **ST. LAWRENCE SEAWAY**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
UPBOUND:													
Ocean: Cargo	225	34	259	3,746,557	1,128,097	-	-	-	5,458	1,373,294	81,998	2,588,847	6.9
Barge	-	1	1	568	-	-	-	-	-	-	-	-	-
Tanker	103	10	113	1,110,625	958,814	-	-	-	-	-	-	958,814	2.6
Total Ocean	328	45	373	4,857,750	2,086,911	-	-	-	5,458	1,373,294	81,998	3,547,661	9.5
Laker: Cargo	416	483	899	15,058,783	8,601,681	-	61,023	-	3,595	-	-	8,666,299	23.1
Barge	129	143	272	1,444,564	1,036,758	-	-	-	-	-	-	1,036,758	2.8
Tanker	55	86	141	927,060	490,023	-	-	-	-	-	-	490,023	1.3
Total Laker	600	712	1,312	17,430,407	10,128,462	-	61,023	-	3,595	-	-	10,193,080	27.2
Non-Cargo	-	404	404	178,568	-	-	-	-	-	-	-	-	-
Passenger	23	9	32	28,097	-	-	-	-	-	-	-	-	-
Total Upbound	951	1,170	2,121	22,494,822	12,215,373	-	61,023	-	9,053	1,373,294	81,998	13,740,741	36.6
DOWNBOUND:													
Ocean: Cargo	180	74	254	3,697,638	454,840	-	2,247,182	-	664	37,462	-	2,740,148	7.3
Barge	1	-	1	568	307	-	-	-	-	-	-	307	0.0
Tanker	55	58	113	1,110,625	424,617	-	-	-	-	-	-	424,617	1.1
Total Ocean	236	132	368	4,808,831	879,764	-	2,247,182	-	664	37,462	-	3,165,072	8.4
Laker: Cargo	794	97	891	14,899,480	8,644,863	3,727,379	6,266,603	-	26,275	-	-	18,665,120	49.7
Barge	159	104	263	1,417,788	1,052,247	12,469	38,463	-	710	-	-	1,103,889	2.9
Tanker	97	44	141	927,060	864,788	-	-	-	-	-	-	864,788	2.3
Total Laker	1,050	245	1,295	17,244,328	10,561,898	3,739,848	6,305,066	-	26,985	-	-	20,633,797	55.0
Non-Cargo	-	408	408	180,490	-	-	-	-	-	-	-	-	-
Passenger	26	9	35	28,398	-	-	-	-	-	-	-	-	-
Total Downbound	1,312	794	2,106	22,262,047	11,441,662	3,739,848	8,552,248	-	27,649	37,462	-	23,798,869	63.4
TOTALS:													
Ocean: Cargo	405	108	513	7,444,195	1,582,937	-	2,247,182	-	6,122	1,410,756	81,998	5,328,995	14.2
Barge	1	1	2	1,136	307	-	-	-	-	-	-	307	0.0
Tanker	158	68	226	2,221,250	1,383,431	-	-	-	-	-	-	1,383,431	3.7
Total Ocean	564	177	741	9,666,581	2,966,675	-	2,247,182	-	6,122	1,410,756	81,998	6,712,733	17.9
Laker: Cargo	1,210	580	1,790	29,958,263	17,246,544	3,727,379	6,327,626	-	29,870	-	-	27,331,419	72.8
Barge	288	247	535	2,862,352	2,089,005	12,469	38,463	-	710	-	-	2,140,647	5.7
Tanker	152	130	282	1,854,120	1,354,811	-	-	-	-	-	-	1,354,811	3.6
Total Laker	1,650	957	2,607	34,674,735	20,690,360	3,739,848	6,366,089	-	30,580	-	-	30,826,877	82.1
Non-Cargo	-	812	812	359,058	-	-	-	-	-	-	-	-	-
Passenger	49	18	67	56,495	-	-	-	-	-	-	-	-	-
GRAND TOTAL	2,263	1,964	4,227	44,756,869	23,657,035	3,739,848	8,613,271	-	36,702	1,410,756	81,998	37,539,610	100.0

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
2011**

TABLE C2

ST. LAWRENCE SEAWAY

COMMODITY	CARGO TONNES								% of Total
	Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	
Wheat	-	-	5,471,995	-	-	-	-	5,471,995	14.6
Corn	-	-	488,332	-	-	-	-	488,332	1.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	2,200	-	-	-	-	2,200	0.0
Barley	-	-	1,882	-	-	-	-	1,882	0.0
Canola (Rapeseed)	-	-	931,439	-	-	-	-	931,439	2.5
Canola Meal, Pellets	-	-	30,411	-	-	-	-	30,411	0.1
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,305,728	-	-	-	-	1,305,728	3.5
Soybean Oil Cake, Meal, Pellets	-	-	53,872	-	-	-	-	53,872	0.1
Beans and Peas	-	-	69,151	-	-	-	-	69,151	0.2
Flaxseed	-	-	99,432	-	-	-	-	99,432	0.3
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	20,708	-	158,829	-	-	-	-	179,537	0.5
Total Agricultural Products	20,708	-	8,613,271	-	-	-	-	8,633,979	23.0
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
Total Animal Products	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	3,739,848	-	-	-	-	-	3,739,848	10.0
Coke	2,290,270	-	-	-	-	-	-	2,290,270	6.1
Iron Ore	8,841,856	-	-	-	-	-	-	8,841,856	23.6
Aluminum Ore and Concentrates	64,132	-	-	-	-	-	-	64,132	0.2
Clay and Bentonite	108,199	-	-	-	-	-	-	108,199	0.3
Gravel and Sand	108,432	-	-	-	-	-	-	108,432	0.3
Stone	466,745	-	-	-	-	-	-	466,745	1.2
Salt	2,776,212	-	-	-	-	-	-	2,776,212	7.4
Potash	60,162	-	-	-	-	-	-	60,162	0.2
Gypsum	556,579	-	-	-	-	-	-	556,579	1.5
Asphalt	477,351	-	-	-	-	-	-	477,351	1.3
Other Mine Products	193,335	-	-	-	-	-	-	193,335	0.5
Total Mine Products	15,943,273	3,739,848	-	-	-	-	-	19,683,121	52.4
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	-	-	-	-	-	-	-	-	-
Total Forest Products	-	-	-	-	-	-	-	-	-
Gasoline	879,264	-	-	-	-	-	-	879,264	2.3
Fuel Oil	1,337,140	-	-	-	-	-	-	1,337,140	3.6
Other Petroleum Products	237,340	-	-	-	-	-	-	237,340	0.6
Chemicals	660,951	-	-	-	-	-	-	660,951	1.8
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	103,074	-	-	-	-	-	-	103,074	0.3
Pig Iron	187,453	-	-	-	-	-	-	187,453	0.5
Iron and Steel	12,715	-	-	-	-	1,314,388	-	1,327,103	3.5
Steel Slabs	59,117	-	-	-	-	-	81,998	141,115	0.4
Machinery and Machines	2,358	-	-	-	624	22,229	-	25,211	0.1
Cement	871,209	-	-	-	-	-	-	871,209	2.3
Cement Clinkers	528,381	-	-	-	-	-	-	528,381	1.4
Woodpulp	38,276	-	-	-	-	-	-	38,276	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	605,100	-	-	-	-	-	-	605,100	1.6
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	1,042,581	-	-	-	-	-	-	1,042,581	2.8
Scrap Iron and Steel	370,261	-	-	-	-	-	-	370,261	1.0
Other Manufactures and Misc. (1)	757,834	-	-	-	36,078	74,139	-	868,051	2.3
Total Manufactures and Misc.	7,693,054	-	-	-	36,078	1,410,756	81,998	9,222,510	24.6
GRAND TOTAL	23,657,035	3,739,848	8,613,271	-	36,078	1,410,756	81,998	37,539,610	100.0

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2011**

TABLE C3 - Part A

ST. LAWRENCE SEAWAY

NO.	COMMODITY	from: to:		UPBOUND TONNES				TOTAL UPBOUND	% OF TOTAL UP- BOUND		
				CANADA		UNITED STATES				FOREIGN	
				Canada	United States	Canada	United States			Canada	United States
1	Wheat	-	61,023	-	-	-	-	61,023	0.4		
2	Corn	-	-	-	-	-	-	-	-		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	-	-	-		
5	Barley	-	-	-	-	-	-	-	-		
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	-	-	-	-		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	20,708	-	20,708	0.2		
15	Total Agricultural Products	-	61,023	-	-	20,708	-	81,731	0.6		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	Total Animal Products	-	-	-	-	-	-	-	-		
20	Bituminous Coal	-	-	-	-	-	-	-	-		
21	Coke	347,258	161,264	-	-	64,991	-	573,513	4.2		
22	Iron Ore	2,917,762	2,759,480	-	-	-	-	5,677,242	41.3		
23	Aluminum Ore and Concentrates	9,300	26,017	-	-	28,815	-	64,132	0.5		
24	Clay and Bentonite	-	-	-	-	-	-	-	-		
25	Gravel and Sand	-	-	-	-	-	6,069	6,069	0.0		
26	Stone	22,125	-	-	-	-	-	22,125	0.2		
27	Salt	206,778	-	-	-	-	-	206,778	1.5		
28	Potash	-	-	-	-	-	-	-	-		
29	Gypsum	523,628	32,951	-	-	-	-	556,579	4.1		
30	Asphalt	-	-	-	-	-	-	-	-		
31	Other Mine Products	117,571	-	16,118	-	20,701	6,223	160,613	1.2		
32	Total Mine Products	4,144,422	2,979,712	16,118	-	114,507	12,292	7,267,051	52.9		
33	Lumber	-	-	-	-	-	-	-	-		
34	Other Forest Products	-	-	-	-	-	-	-	-		
35	Total Forest Products	-	-	-	-	-	-	-	-		
36	Gasoline	372,306	13,165	185,508	7,161	186,803	-	764,943	5.6		
37	Fuel Oil	125,145	4,431	9,331	-	2,300	-	141,207	1.0		
38	Other Petroleum Products	5,028	-	17,620	-	-	-	22,648	0.2		
39	Chemicals	-	-	47,044	-	387,167	78,847	513,058	3.7		
40	Sodium Products	-	-	-	-	-	-	-	-		
41	Tar, Pitch and Creosote	-	-	-	-	45,289	-	45,289	0.3		
42	Pig Iron	5,310	94,061	-	-	-	88,082	187,453	1.4		
43	Iron and Steel	8,752	-	-	3,083	498,456	787,666	1,297,957	9.4		
44	Steel Slabs	-	-	-	-	80,385	1,613	81,998	0.6		
45	Machinery and Machines	-	276	-	-	8,050	9,844	18,170	0.1		
46	Cement	109,309	700,682	-	-	-	-	809,991	5.9		
47	Cement Clinkers	-	528,381	-	-	-	-	528,381	3.8		
48	Woodpulp	-	-	-	-	-	-	-	-		
49	Newsprint and Paper Products	-	-	-	-	-	-	-	-		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	211,810	-	-	-	393,290	-	605,100	4.4		
52	Food Products	-	-	-	-	-	-	-	-		
53	Furnace Slags	18,622	308,465	-	-	22,420	151,261	500,768	3.6		
54	Scrap Iron and Steel	17,650	187,537	-	-	-	-	205,187	1.5		
55	Other Manufactures and Misc. (1)	129,206	172,740	-	-	293,936	73,927	669,809	4.9		
56	Total Manufactures and Misc.	1,003,138	2,009,738	259,503	10,244	1,918,096	1,191,240	6,391,959	46.5		
57	GRAND TOTAL	5,147,560	5,050,473	275,621	10,244	2,053,311	1,203,532	13,740,741	100.0		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2011**

TABLE C3 - Part B

ST. LAWRENCE SEAWAY

		DOWNBOUND TONNES						TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
		CANADA			UNITED STATES					TOTAL CARGO TONNES	% OF TOTAL	
from:	to:	Canada	United States	Foreign	Canada	United States	Foreign					
		4,189,390	-	272,129	293,048	-	656,405	5,410,972	22.7	5,471,995	14.6	1
		114,928	-	207,867	165,537	-	-	488,332	2.1	488,332	1.3	2
		-	-	-	-	-	-	-	-	-	-	3
		-	-	2,200	-	-	-	2,200	0.0	2,200	0.0	4
		-	-	1,882	-	-	-	1,882	0.0	1,882	0.0	5
		566,287	-	343,697	-	-	21,455	931,439	3.9	931,439	2.5	6
		-	-	30,411	-	-	-	30,411	0.1	30,411	0.1	7
		-	-	-	-	-	-	-	-	-	-	8
		595,762	-	304,209	343,381	-	62,376	1,305,728	5.5	1,305,728	3.5	9
		12,463	-	41,409	-	-	-	53,872	0.2	53,872	0.1	10
		-	-	69,151	-	-	-	69,151	0.3	69,151	0.2	11
		3,517	-	85,408	-	-	10,507	99,432	0.4	99,432	0.3	12
		-	-	-	-	-	-	-	-	-	-	13
		-	-	44,126	-	-	114,703	158,829	0.7	179,537	0.5	14
		5,482,347	-	1,402,489	801,966	-	865,446	8,552,248	35.9	8,633,979	23.0	15
		-	-	-	-	-	-	-	-	-	-	16
		-	-	-	-	-	-	-	-	-	-	17
		-	-	-	-	-	-	-	-	-	-	18
		-	-	-	-	-	-	-	-	-	-	19
		221,453	-	-	3,518,395	-	-	3,739,848	15.7	3,739,848	10.0	20
		134,127	116,741	91,986	1,332,604	-	41,299	1,716,757	7.2	2,290,270	6.1	21
		54,489	-	-	3,110,125	-	-	3,164,614	13.3	8,841,856	23.6	22
		-	-	-	-	-	-	-	-	64,132	0.2	23
		-	-	-	29,436	-	78,763	108,199	0.5	108,199	0.3	24
		-	-	-	102,363	-	-	102,363	0.4	108,432	0.3	25
		444,620	-	-	-	-	-	444,620	1.9	466,745	1.2	26
		1,907,326	53,829	-	558,691	49,588	-	2,569,434	10.8	2,776,212	7.4	27
		50,403	9,759	-	-	-	-	60,162	0.3	60,162	0.2	28
		-	-	-	-	-	-	-	-	556,579	1.5	29
		178,158	-	-	288,106	11,087	-	477,351	2.0	477,351	1.3	30
		32,722	-	-	-	-	-	32,722	0.1	193,335	0.5	31
		3,023,298	180,329	91,986	8,939,720	60,675	120,062	12,416,070	52.2	19,683,121	52.4	32
		-	-	-	-	-	-	-	-	-	-	33
		-	-	-	-	-	-	-	-	-	-	34
		-	-	-	-	-	-	-	-	-	-	35
		85,480	11,444	11,832	-	5,565	-	114,321	0.5	879,264	2.3	36
		951,439	202,678	8,957	29,955	2,904	-	1,195,933	5.0	1,337,140	3.6	37
		25,940	50,029	92,203	46,520	-	-	214,692	0.9	237,340	0.6	38
		25,572	33,723	19,921	68,677	-	-	147,893	0.6	660,951	1.8	39
		-	-	-	-	-	-	-	-	-	-	40
		47,800	-	9,985	-	-	-	57,785	0.2	103,074	0.3	41
		-	-	-	-	-	-	-	-	187,453	0.5	42
		880	-	10,493	-	-	17,773	29,146	0.1	1,327,103	3.5	43
		-	-	-	59,117	-	-	59,117	0.2	141,115	0.4	44
		79	-	-	2,552	-	4,410	7,041	0.0	25,211	0.1	45
		61,218	-	-	-	-	-	61,218	0.3	871,209	2.3	46
		-	-	-	-	-	-	-	-	528,381	1.4	47
		-	-	-	-	-	38,276	38,276	0.2	38,276	0.1	48
		-	-	-	-	-	-	-	-	-	-	49
		-	-	-	-	-	-	-	-	-	-	50
		-	-	-	-	-	-	-	-	605,100	1.6	51
		-	-	-	-	-	-	-	-	-	-	52
		371,882	75,606	22,035	72,290	-	-	541,813	2.3	1,042,581	2.8	53
		110,069	-	45,697	9,308	-	-	165,074	0.7	370,261	1.0	54
		116,640	812	1,718	76,224	-	2,848	198,242	0.8	868,051	2.3	55
		1,796,999	374,292	222,841	364,643	8,469	63,307	2,830,551	11.9	9,222,510	24.6	56
		10,302,644	554,621	1,717,316	10,106,329	69,144	1,048,815	23,798,869	100.0	37,539,610	100.0	57

**TRAFFIC BY MAJOR 25 CANADIAN PORTS
2011**

TABLE C4

ST. LAWRENCE SEAWAY

PORT OR AREA (2)	SHIP- MENTS	CARGO TONNES (1)								%
		Bulk	Coal	Grains	Govt. Aid	Con- tainers	General	Steel Slabs	Total	
INBOUND:										
Hamilton	495	4,678,784	2,492,206	160,176	-	189	120,607	80,385	7,532,347	14.9
Quebec City	201	2,750,536	394,222	1,435,413	-	-	-	-	4,580,171	9.0
Baie Comeau	80	581	-	1,910,781	-	549	-	-	1,911,911	3.8
Montreal	144	1,211,533	-	511,640	-	-	-	-	1,723,173	3.4
Toronto	66	1,289,556	-	-	-	-	2,042	-	1,291,598	2.5
Port Cartier	48	335,337	-	825,255	-	-	-	-	1,160,592	2.3
Clarkson/Mississauga	60	761,935	26,568	-	-	-	-	-	788,503	1.6
Cote Ste Catherine	73	716,026	67,588	-	-	2,393	-	-	786,007	1.6
Trois Rivieres	58	82,682	110,813	543,455	-	-	-	-	736,950	1.5
Belledune	27	386,405	332,495	-	-	-	-	-	718,900	1.4
Nanticoke	52	698,691	-	-	-	-	-	-	698,691	1.4
Becancour	30	486,476	4,637	170,504	-	-	-	-	661,617	1.3
Tracy/Sorel	62	224,072	-	406,641	-	-	-	-	630,713	1.2
Bowmanville	20	410,929	72,850	-	-	-	-	-	483,779	1.0
Sydney	16	194,370	204,214	-	-	-	-	-	398,584	0.8
Valleyfield	90	344,531	-	-	-	1,202	27,185	-	372,918	0.7
Johnstown	12	292,594	-	-	-	-	-	-	292,594	0.6
Oakville	35	291,430	-	-	-	-	-	-	291,430	0.6
Oshawa	37	153,463	-	-	-	-	124,633	-	278,096	0.5
Sault Ste. Marie	25	72,860	-	-	-	-	203,090	-	275,950	0.5
Halifax	14	51,417	-	172,493	-	-	-	-	223,910	0.4
Sarnia	28	221,043	-	-	-	-	-	-	221,043	0.4
Windsor	52	170,322	-	-	-	861	46,111	-	217,294	0.4
Thorold	13	182,916	-	-	-	-	-	-	182,916	0.4
Pointe Noire	6	175,178	-	-	-	-	-	-	175,178	0.3
Other Canada	235	1,025,763	34,255	147,955	-	27,148	15,479	-	1,250,600	2.5
Total Inbound	1,979	17,209,430	3,739,848	6,284,313	-	32,342	539,147	80,385	27,885,465	55.0
OUTBOUND:										
Thunder Bay	272	78,783	213,621	5,237,790	-	-	-	-	5,530,194	10.9
Port Cartier	124	3,283,987	-	-	-	-	-	-	3,283,987	6.5
Hamilton	160	1,414,469	-	979,559	-	-	767	-	2,394,795	4.7
Goderich	74	1,137,573	-	238,017	-	-	-	-	1,375,590	2.7
Sarnia	124	946,556	-	227,394	-	-	-	-	1,173,950	2.3
Sept-Iles	72	1,076,076	-	-	-	-	-	-	1,076,076	2.1
Quebec City	52	1,026,339	-	-	-	-	-	-	1,026,339	2.0
Windsor	53	919,533	-	84,283	-	-	-	-	1,003,816	2.0
Bowmanville	80	897,922	-	-	-	-	-	-	897,922	1.8
Pointe Noire	32	840,302	-	-	-	-	-	-	840,302	1.7
Nanticoke	72	787,107	7,832	-	-	-	-	-	794,939	1.6
Meldrum Bay	12	330,572	-	-	-	-	-	-	330,572	0.7
Montreal	46	328,212	-	-	-	-	-	-	328,212	0.6
Sault Ste. Marie	26	299,227	-	-	-	-	10,538	-	309,765	0.6
Halifax	16	277,730	-	-	-	-	-	-	277,730	0.5
Clarkson/Mississauga	51	271,640	-	-	-	-	-	-	271,640	0.5
Little Narrows	12	239,986	-	-	-	-	-	-	239,986	0.5
Picton	62	237,315	-	-	-	-	-	-	237,315	0.5
Tracy/Sorel	57	183,183	-	-	-	-	-	-	183,183	0.4
Magdalen Islands	7	155,044	-	-	-	-	-	-	155,044	0.3
Prescott	21	18,622	-	123,795	-	-	-	-	142,417	0.3
Bruce Mines	7	117,669	-	-	-	-	-	-	117,669	0.2
Point Tupper	7	114,743	-	-	-	-	-	-	114,743	0.2
Cote Ste Catherine	50	94,627	-	-	-	13,972	-	-	108,599	0.2
Bath	17	100,501	-	-	-	-	-	-	100,501	0.2
Other Canada	165	384,530	-	55,021	-	16,059	1,718	-	457,328	0.9
Total Outbound	1,671	15,562,248	221,453	6,945,859	-	30,031	13,023	-	22,772,614	45.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

(2) Area includes all ports or installations within a 20 kilometre (12.5 mile) radius of the main harbour.

**TRAFFIC BY MAJOR 25 UNITED STATES PORTS
2011**

TABLE C5

ST. LAWRENCE SEAWAY

PORT OR AREA (2)	SHIP- MENTS	CARGO TONNES (1)								
		Bulk	Coal	Grains	Govt. Aid	Con- tainers	General	Steel Slabs	Total	%
INBOUND:										
Toledo	109	1,904,777	-	-	-	525	9,894	-	1,915,196	10.4
Detroit	132	713,647	-	-	-	-	117,820	-	831,467	4.5
Cleveland	209	419,958	-	-	-	-	289,630	1,613	711,201	3.9
Burns Harbour	71	552,576	-	-	-	-	157,900	-	710,476	3.9
Ashtabula	36	620,105	-	-	-	-	-	-	620,105	3.4
Gary	13	312,452	-	-	-	-	-	-	312,452	1.7
Chicago	153	76,354	-	-	-	-	179,098	-	255,452	1.4
Duluth	19	108,703	-	50,823	-	3,074	12,667	-	175,267	1.0
Conneaut	6	163,309	-	-	-	-	-	-	163,309	0.9
New York City	13	128,902	-	-	-	-	-	-	128,902	0.7
Mobile	6	116,741	-	-	-	-	-	-	116,741	0.6
Indiana Harbour	5	105,807	-	-	-	-	-	-	105,807	0.6
Ogdensburg	5	103,417	-	-	-	-	-	-	103,417	0.6
Gulf	15	91,886	-	-	-	-	-	-	91,886	0.5
Oswego	19	83,653	-	-	-	97	2,395	-	86,145	0.5
Buffalo	12	73,636	-	10,200	-	-	-	-	83,836	0.5
Sparrows Point	3	75,606	-	-	-	-	-	-	75,606	0.4
Lake Huron	7	75,100	-	-	-	-	-	-	75,100	0.4
Milwaukee	70	-	-	-	-	-	61,156	-	61,156	0.3
Essexville	11	52,694	-	-	-	-	-	-	52,694	0.3
Lake Michigan	3	40,248	-	-	-	-	-	-	40,248	0.2
Marinette	9	37,589	-	-	-	-	-	-	37,589	0.2
Lorain	1	23,622	-	-	-	-	-	-	23,622	0.1
Paulsboro	1	15,021	-	-	-	-	-	-	15,021	0.1
Green Bay	5	12,018	-	-	-	-	2,694	-	14,712	0.1
Other U.S. Ports	19	78,830	-	-	-	-	1,777	-	80,607	0.4
Total Inbound	952	5,986,651	-	61,023	-	3,696	835,031	1,613	6,888,014	37.4
OUTBOUND:										
Superior	94	1,192,771	811,387	371,416	-	-	-	-	2,375,574	12.9
Duluth	85	740,391	-	655,947	-	-	-	-	1,396,338	7.6
Sandusky	50	-	1,340,189	-	-	-	-	-	1,340,189	7.3
Toledo	59	74,552	660,060	510,991	-	-	-	-	1,245,603	6.8
Chicago	51	1,228,581	-	13,215	-	-	-	-	1,241,796	6.7
Ashtabula	25	-	706,759	-	-	-	-	-	706,759	3.8
Marquette	22	588,597	-	-	-	-	-	-	588,597	3.2
Cleveland	41	529,876	-	-	-	664	1,703	-	532,243	2.9
Conneaut	14	359,443	-	-	-	-	-	-	359,443	2.0
Silver Bay	13	339,175	-	-	-	-	-	-	339,175	1.8
Detroit	38	258,239	-	-	-	-	-	-	258,239	1.4
Burns Harbour	5	60,630	-	49,711	-	-	17,773	-	128,114	0.7
Gulf	13	121,027	-	-	-	-	-	-	121,027	0.7
Fairport City	6	119,522	-	-	-	-	-	-	119,522	0.6
New York City	10	102,478	-	-	-	-	-	-	102,478	0.6
Whiting	15	96,616	-	-	-	-	-	-	96,616	0.5
Lake Michigan	5	93,065	-	-	-	-	-	-	93,065	0.5
Milwaukee	16	2,003	-	66,132	-	549	4,410	-	73,094	0.4
Gary	3	72,290	-	-	-	-	-	-	72,290	0.4
Ludington	12	68,677	-	-	-	-	-	-	68,677	0.4
Green Bay	6	46,520	-	-	-	-	-	-	46,520	0.3
Menominee	9	38,276	-	-	-	-	72	-	38,348	0.2
Lorain	2	31,830	-	-	-	-	-	-	31,830	0.2
Carteret	3	28,655	-	-	-	-	-	-	28,655	0.2
Buffalo	1	27,296	-	-	-	-	-	-	27,296	0.1
Other U.S. Ports	10	78,184	-	-	-	-	481	-	78,665	0.4
Total Outbound	608	6,298,694	3,518,395	1,667,412	-	1,213	24,439	-	11,510,153	62.6

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

(2) Area includes all ports or installations within a 20 kilometre (12.5 mile) radius of the main harbour.

**TRAFFIC RESULTS
1992 - 2011**

TABLE C6

ST. LAWRENCE SEAWAY

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
1992	1,935	1,903	3,838	16,179,879	26,156,107	42,335,986	22,741,885	22,357,721	45,099,606
1993	1,787	1,763	3,550	19,693,203	21,291,668	40,984,871	20,942,313	20,435,090	41,377,403
1994	2,045	2,014	4,059	24,429,448	24,461,658	48,891,106	24,388,400	23,936,121	48,324,521
1995	1,969	1,899	3,868	20,485,138	27,638,877	48,124,015	24,896,719	23,870,958	48,767,677
1996	2,015	1,938	3,953	24,319,878	25,619,327	49,939,205	25,974,980	24,572,584	50,547,564
1997	2,051	2,010	4,061	22,390,130	26,562,765	48,952,895	25,372,516	24,402,455	49,774,971
1998	2,209	2,157	4,366	26,183,719	24,947,562	51,131,281	27,072,903	26,285,213	53,358,116
1999	2,342	2,314	4,656	23,244,713	24,614,650	47,859,363	24,341,426	24,040,344	48,381,770
2000	2,106	2,079	4,185	22,612,033	23,961,411	46,573,444	23,309,675	22,954,852	46,264,527
2001	2,057	2,028	4,085	19,234,141	22,471,184	41,705,325	21,927,563	21,626,296	43,553,859
2002	1,949	1,942	3,891	20,374,620	21,013,630	41,388,250	21,504,691	21,304,198	42,808,889
2003	1,948	1,938	3,886	19,829,065	21,018,744	40,847,809	20,609,519	20,372,407	40,981,926
2004	2,506	1,584	4,090	20,782,503	22,699,067	43,481,570	21,477,380	21,428,094	42,905,474
2005	2,172	2,189	4,361	20,345,001	22,956,145	43,301,146	21,532,816	21,470,054	43,002,870
2006	2,317	2,296	4,613	22,386,679	24,777,481	47,164,160	23,261,882	23,026,783	46,288,665
2007	2,220	2,230	4,450	17,795,395	25,214,796	43,010,191	22,620,354	22,494,172	45,114,526
2008	2,114	2,118	4,232	15,812,767	24,985,325	40,798,092	21,793,611	21,735,721	43,529,332
2009	1,830	1,801	3,631	8,833,663	21,874,333	30,707,996	18,594,575	18,426,700	37,021,275
2010	1,952	1,973	3,925	13,095,330	23,452,037	36,547,367	21,042,606	20,909,857	41,952,463
2011	2,121	2,106	4,227	13,740,741	23,798,869	37,539,610	22,494,822	22,262,047	44,756,869
TOTAL	41,645	40,282	81,927	391,768,046	479,515,636	871,283,682	455,900,636	447,911,667	903,812,303

**CARGO BY TARIFF CLASSIFICATION
1992 - 2011**

TABLE C7

ST. LAWRENCE SEAWAY

YEAR	BULK		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL		STEEL SLABS		TOTAL
	Tonnes	%	TONNES	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	TONNES
1992	26,076,870	61.6	N/A	-	12,856,280	30.4	89,273	0.2	23,577	0.1	3,289,986	7.8	N/A	-	42,335,986
1993	25,259,176	61.6	N/A	-	11,278,837	27.5	54,905	0.1	29,636	0.1	4,362,317	10.6	N/A	-	40,984,871
1994	28,030,480	57.3	N/A	-	13,787,626	28.2	54,768	0.1	17,799	0.0	7,000,433	14.3	N/A	-	48,891,106
1995	28,188,111	58.6	N/A	-	15,158,613	31.5	35,964	0.1	25,060	0.1	4,716,267	9.8	N/A	-	48,124,015
1996	31,240,673	62.6	N/A	-	12,788,770	25.6	-	-	15,075	0.0	5,894,687	11.8	N/A	-	49,939,205
1997	29,965,961	61.2	N/A	-	13,862,565	28.3	-	-	11,816	0.0	5,112,553	10.4	N/A	-	48,952,895
1998	30,638,868	59.9	N/A	-	13,452,842	26.3	30,828	0.1	5,211	0.0	7,003,532	13.7	N/A	-	51,131,281
1999	24,563,155	51.3	4,541,600	9.5	14,084,611	29.4	80,692	0.2	11,573	0.0	4,165,674	8.7	412,058	0.9	47,859,363
2000	23,933,895	51.4	4,345,503	9.3	13,199,859	28.3	9,655	0.0	19,521	0.0	4,703,411	10.1	361,600	0.8	46,573,444
2001	22,087,887	53.0	4,803,620	11.5	11,792,163	28.3	-	-	16,471	0.0	2,621,102	6.3	384,082	0.9	41,705,325
2002	22,615,138	54.6	4,114,092	9.9	10,461,094	25.3	25,834	0.1	14,721	0.0	3,019,259	7.3	1,138,112	2.7	41,388,250
2003	24,436,923	59.8	4,196,191	10.3	9,645,630	23.6	7,826	0.0	15,208	0.0	2,118,663	5.2	427,368	1.0	40,847,809
2004	25,661,995	59.0	4,230,079	9.7	9,322,479	21.4	-	-	14,983	0.0	3,708,282	8.5	543,752	1.3	43,481,570
2005	26,558,285	61.3	3,693,199	8.5	9,773,084	22.6	-	-	17,285	0.0	2,632,002	6.1	627,291	1.4	43,301,146
2006	27,336,704	58.0	3,714,491	7.9	11,538,123	24.5	11,064	0.0	19,358	0.0	3,646,846	7.7	897,574	1.9	47,164,160
2007	27,016,397	62.8	3,159,070	7.3	10,405,868	24.2	-	-	23,377	0.1	1,988,841	4.6	416,638	1.0	43,010,191
2008	27,625,491	67.7	3,638,907	8.9	7,592,107	18.6	-	-	27,266	0.1	1,851,389	4.5	62,932	0.2	40,798,092
2009	18,718,941	61.0	2,852,049	9.3	8,181,113	26.6	-	-	45,351	0.1	849,280	2.8	61,262	0.2	30,707,996
2010	22,063,968	60.4	3,695,900	10.1	9,206,753	25.2	-	-	38,015	0.1	1,463,210	4.0	79,521	0.2	36,547,367
2011	23,657,035	63.0	3,739,848	10.0	8,613,271	22.9	-	-	36,702	0.1	1,410,756	3.8	81,998	0.2	37,539,610
TOTAL	515,675,953	59.2	50,724,549	5.8	227,001,688	26.1	400,809	0.0	428,005	0.0	71,558,490	8.2	5,494,188	0.6	871,283,682

PART III

ST. LAWRENCE SEAWAY

TOLL TRAFFIC

FOR THE

MONTREAL - LAKE ONTARIO SECTION

**TRAFFIC BY CLASS AND TYPE OF VESSEL
2011**

TABLE M1 **MONTREAL-LAKE ONTARIO SECTION**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
UPBOUND:													
Ocean: Cargo	225	32	257	3,717,040	1,127,821	-	-	-	5,458	1,373,294	81,998	2,588,571	9.0
Barge	-	1	1	568	-	-	-	-	-	-	-	-	-
Tanker	103	10	113	1,110,625	958,814	-	-	-	-	-	-	958,814	3.3
Total Ocean	328	43	371	4,828,233	2,086,635	-	-	-	5,458	1,373,294	81,998	3,547,385	12.4
Laker: Cargo	297	268	565	10,036,612	6,894,592	-	-	-	3,595	-	-	6,898,187	24.0
Barge	66	102	168	768,639	380,677	-	-	-	-	-	-	380,677	1.3
Tanker	55	83	138	902,340	486,512	-	-	-	-	-	-	486,512	1.7
Total Laker	418	453	871	11,707,591	7,761,781	-	-	-	3,595	-	-	7,765,376	27.0
Non-Cargo	-	232	232	117,910	-	-	-	-	-	-	-	-	-
Passenger	18	7	25	24,454	-	-	-	-	-	-	-	-	-
Total Upbound	764	735	1,499	16,678,188	9,848,416	-	-	-	9,053	1,373,294	81,998	11,312,761	39.4
DOWNBOUND:													
Ocean: Cargo	180	74	254	3,697,638	454,840	-	2,247,182	-	664	37,462	-	2,740,148	9.5
Barge	1	-	1	568	307	-	-	-	-	-	-	307	0.0
Tanker	55	58	113	1,110,625	424,617	-	-	-	-	-	-	424,617	1.5
Total Ocean	236	132	368	4,808,831	879,764	-	2,247,182	-	664	37,462	-	3,165,072	11.0
Laker: Cargo	544	26	570	10,079,724	5,571,336	1,135,755	5,997,486	-	26,275	-	-	12,730,852	44.3
Barge	112	47	159	734,800	622,727	12,469	38,463	-	710	-	-	674,369	2.3
Tanker	94	44	138	902,340	838,490	-	-	-	-	-	-	838,490	2.9
Total Laker	750	117	867	11,716,864	7,032,553	1,148,224	6,035,949	-	26,985	-	-	14,243,711	49.6
Non-Cargo	-	238	238	119,267	-	-	-	-	-	-	-	-	-
Passenger	20	8	28	24,897	-	-	-	-	-	-	-	-	-
Total Downbound	1,006	495	1,501	16,669,859	7,912,317	1,148,224	8,283,131	-	27,649	37,462	-	17,408,783	60.6
TOTALS:													
Ocean: Cargo	405	106	511	7,414,678	1,582,661	-	2,247,182	-	6,122	1,410,756	81,998	5,328,719	18.6
Barge	1	1	2	1,136	307	-	-	-	-	-	-	307	0.0
Tanker	158	68	226	2,221,250	1,383,431	-	-	-	-	-	-	1,383,431	4.8
Total Ocean	564	175	739	9,637,064	2,966,399	-	2,247,182	-	6,122	1,410,756	81,998	6,712,457	23.4
Laker: Cargo	841	294	1,135	20,116,336	12,465,928	1,135,755	5,997,486	-	29,870	-	-	19,629,039	68.3
Barge	178	149	327	1,503,439	1,003,404	12,469	38,463	-	710	-	-	1,055,046	3.7
Tanker	149	127	276	1,804,680	1,325,002	-	-	-	-	-	-	1,325,002	4.6
Total Laker	1,168	570	1,738	23,424,455	14,794,334	1,148,224	6,035,949	-	30,580	-	-	22,009,087	76.6
Non-Cargo	-	470	470	237,177	-	-	-	-	-	-	-	-	-
Passenger	38	15	53	49,351	-	-	-	-	-	-	-	-	-
GRAND TOTAL	1,770	1,230	3,000	33,348,047	17,760,733	1,148,224	8,283,131	-	36,702	1,410,756	81,998	28,721,544	100.0

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
2011**

TABLE M2

MONTREAL-LAKE ONTARIO SECTION

COMMODITY	CARGO TONNES								% of Total
	Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	
Wheat	-	-	5,410,972	-	-	-	-	5,410,972	18.8
Corn	-	-	379,391	-	-	-	-	379,391	1.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	2,200	-	-	-	-	2,200	0.0
Barley	-	-	1,882	-	-	-	-	1,882	0.0
Canola (Rapeseed)	-	-	788,717	-	-	-	-	788,717	2.7
Canola Meal, Pellets	-	-	30,411	-	-	-	-	30,411	0.1
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,288,274	-	-	-	-	1,288,274	4.5
Soybean Oil Cake, Meal, Pellets	-	-	53,872	-	-	-	-	53,872	0.2
Beans and Peas	-	-	69,151	-	-	-	-	69,151	0.2
Flaxseed	-	-	99,432	-	-	-	-	99,432	0.3
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	20,708	-	158,829	-	-	-	-	179,537	0.6
Total Agricultural Products	20,708	-	8,283,131	-	-	-	-	8,303,839	28.9
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
Total Animal Products	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	1,148,224	-	-	-	-	-	1,148,224	4.0
Coke	1,449,054	-	-	-	-	-	-	1,449,054	5.0
Iron Ore	8,212,486	-	-	-	-	-	-	8,212,486	28.6
Aluminum Ore and Concentrates	64,132	-	-	-	-	-	-	64,132	0.2
Clay and Bentonite	108,199	-	-	-	-	-	-	108,199	0.4
Gravel and Sand	6,069	-	-	-	-	-	-	6,069	0.0
Stone	228,227	-	-	-	-	-	-	228,227	0.8
Salt	1,250,759	-	-	-	-	-	-	1,250,759	4.4
Potash	19,696	-	-	-	-	-	-	19,696	0.1
Gypsum	556,579	-	-	-	-	-	-	556,579	1.9
Asphalt	260,590	-	-	-	-	-	-	260,590	0.9
Other Mine Products	193,335	-	-	-	-	-	-	193,335	0.7
Total Mine Products	12,349,126	1,148,224	-	-	-	-	-	13,497,350	47.0
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	-	-	-	-	-	-	-	-	-
Total Forest Products	-	-	-	-	-	-	-	-	-
Gasoline	858,828	-	-	-	-	-	-	858,828	3.0
Fuel Oil	1,317,506	-	-	-	-	-	-	1,317,506	4.6
Other Petroleum Products	237,340	-	-	-	-	-	-	237,340	0.8
Chemicals	626,884	-	-	-	-	-	-	626,884	2.2
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	55,274	-	-	-	-	-	-	55,274	0.2
Pig Iron	187,453	-	-	-	-	-	-	187,453	0.7
Iron and Steel	12,715	-	-	-	-	1,314,388	-	1,327,103	4.6
Steel Slabs	-	-	-	-	-	-	81,998	81,998	0.3
Machinery and Machines	2,082	-	-	-	624	22,229	-	24,935	0.1
Cement	61,218	-	-	-	-	-	-	61,218	0.2
Cement Clinkers	-	-	-	-	-	-	-	-	-
Woodpulp	38,276	-	-	-	-	-	-	38,276	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	605,100	-	-	-	-	-	-	605,100	2.1
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	456,011	-	-	-	-	-	-	456,011	1.6
Scrap Iron and Steel	181,182	-	-	-	-	-	-	181,182	0.6
Other Manufactures and Misc. (1)	751,030	-	-	-	36,078	74,139	-	861,247	3.0
Total Manufactures and Misc.	5,390,899	-	-	-	36,702	1,410,756	81,998	6,920,355	24.1
GRAND TOTAL	17,760,733	1,148,224	8,283,131	-	36,702	1,410,756	81,998	28,721,544	100.0

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2011**

TABLE M3 - Part A

MONTREAL-LAKE ONTARIO SECTION

NO.	COMMODITY	from:	UPBOUND TONNES						TOTAL UP-BOUND	% OF TOTAL UP-BOUND	
			CANADA		UNITED STATES		FOREIGN				
			Canada	United States	Canada	United States	Canada	United States			
1	Wheat		-	-	-	-	-	-	-	-	
2	Corn		-	-	-	-	-	-	-	-	
3	Rye		-	-	-	-	-	-	-	-	
4	Oats		-	-	-	-	-	-	-	-	
5	Barley		-	-	-	-	-	-	-	-	
6	Canola (Rapeseed)		-	-	-	-	-	-	-	-	
7	Canola Meal, Pellets		-	-	-	-	-	-	-	-	
8	Flour, Wheat & Other Edible		-	-	-	-	-	-	-	-	
9	Soybeans		-	-	-	-	-	-	-	-	
10	Soybean Oil Cake, Meal, Pellets		-	-	-	-	-	-	-	-	
11	Beans and Peas		-	-	-	-	-	-	-	-	
12	Flaxseed		-	-	-	-	-	-	-	-	
13	Sunflower Seeds		-	-	-	-	-	-	-	-	
14	Other Agricultural Products		-	-	-	-	-	20,708	-	20,708	0.2
15	Total Agricultural Products		-	-	-	-	-	20,708	-	20,708	0.2
16	Packing House Products, Edible		-	-	-	-	-	-	-	-	-
17	Hides, Skins, Pelts, Wool		-	-	-	-	-	-	-	-	-
18	Other Animal Products		-	-	-	-	-	-	-	-	-
19	Total Animal Products		-	-	-	-	-	-	-	-	-
20	Bituminous Coal		-	-	-	-	-	-	-	-	-
21	Coke		-	-	-	-	64,991	-	-	64,991	0.6
22	Iron Ore		2,880,020	2,750,981	-	-	-	-	-	5,631,001	49.8
23	Aluminum Ore and Concentrates		9,300	26,017	-	-	28,815	-	-	64,132	0.6
24	Clay and Bentonite		-	-	-	-	-	-	-	-	-
25	Gravel and Sand		-	-	-	-	-	6,069	-	6,069	0.1
26	Stone		-	-	-	-	-	-	-	-	-
27	Salt		206,778	-	-	-	-	-	-	206,778	1.8
28	Potash		-	-	-	-	-	-	-	-	-
29	Gypsum		523,628	32,951	-	-	-	-	-	556,579	4.9
30	Asphalt		-	-	-	-	-	-	-	-	-
31	Other Mine Products		117,571	-	16,118	-	20,701	6,223	-	160,613	1.4
32	Total Mine Products		3,737,297	2,809,949	16,118	-	114,507	12,292	-	6,690,163	59.1
33	Lumber		-	-	-	-	-	-	-	-	-
34	Other Forest Products		-	-	-	-	-	-	-	-	-
35	Total Forest Products		-	-	-	-	-	-	-	-	-
36	Gasoline		368,795	13,165	185,508	7,161	186,803	-	-	761,432	6.7
37	Fuel Oil		125,145	4,431	9,331	-	2,300	-	-	141,207	1.2
38	Other Petroleum Products		5,028	-	17,620	-	-	-	-	22,648	0.2
39	Chemicals		-	-	47,044	-	387,167	78,847	-	513,058	4.5
40	Sodium Products		-	-	-	-	-	-	-	-	-
41	Tar, Pitch and Creosote		-	-	-	-	45,289	-	-	45,289	0.4
42	Pig Iron		5,310	94,061	-	-	-	88,082	-	187,453	1.7
43	Iron and Steel		8,752	-	-	3,083	498,456	787,666	-	1,297,957	11.5
44	Steel Slabs		-	-	-	-	80,385	1,613	-	81,998	0.7
45	Machinery and Machines		-	-	-	-	8,050	9,844	-	17,894	0.2
46	Cement		-	-	-	-	-	-	-	-	-
47	Cement Clinkers		-	-	-	-	-	-	-	-	-
48	Woodpulp		-	-	-	-	-	-	-	-	-
49	Newsprint and Paper Products		-	-	-	-	-	-	-	-	-
50	Syrup and Molasses		-	-	-	-	-	-	-	-	-
51	Sugar		211,810	-	-	-	393,290	-	-	605,100	5.3
52	Food Products		-	-	-	-	-	-	-	-	-
53	Furnace Slags		-	75,060	-	-	22,420	151,261	-	248,741	2.2
54	Scrap Iron and Steel		-	16,108	-	-	-	-	-	16,108	0.1
55	Other Manufactures and Misc. (1)		125,051	170,091	-	-	293,936	73,927	-	663,005	5.9
56	Total Manufactures and Misc.		849,891	372,916	259,503	10,244	1,918,096	1,191,240	-	4,601,890	40.7
57	GRAND TOTAL		4,587,188	3,182,865	275,621	10,244	2,053,311	1,203,532	-	11,312,761	100.0

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2011**

TABLE M3 - Part B

MONTREAL-LAKE ONTARIO SECTION

		DOWNBOUND TONNES						TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
from:	CANADA			UNITED STATES			TOTAL CARGO TONNES			% OF TOTAL		
to:	Canada	United States	Foreign	Canada	United States	Foreign						
		4,189,390	-	272,129	293,048	-	656,405	5,410,972	31.1	5,410,972	18.8	1
		114,928	-	207,867	56,596	-	-	379,391	2.2	379,391	1.3	2
		-	-	-	-	-	-	-	-	-	-	3
		-	-	2,200	-	-	-	2,200	0.0	2,200	0.0	4
		-	-	1,882	-	-	-	1,882	0.0	1,882	0.0	5
		423,565	-	343,697	-	-	21,455	788,717	4.5	788,717	2.7	6
		-	-	30,411	-	-	-	30,411	0.2	30,411	0.1	7
		-	-	-	-	-	-	-	-	-	-	8
		592,889	-	304,209	328,800	-	62,376	1,288,274	7.4	1,288,274	4.5	9
		12,463	-	41,409	-	-	-	53,872	0.3	53,872	0.2	10
		-	-	69,151	-	-	-	69,151	0.4	69,151	0.2	11
		3,517	-	85,408	-	-	10,507	99,432	0.6	99,432	0.3	12
		-	-	-	-	-	-	-	-	-	-	13
		-	-	44,126	-	-	114,703	158,829	0.9	179,537	0.6	14
		5,336,752	-	1,402,489	678,444	-	865,446	8,283,131	47.6	8,303,839	28.9	15
		-	-	-	-	-	-	-	-	-	-	16
		-	-	-	-	-	-	-	-	-	-	17
		-	-	-	-	-	-	-	-	-	-	18
		-	-	-	-	-	-	-	-	-	-	19
		7,832	-	-	1,140,392	-	-	1,148,224	6.6	1,148,224	4.0	20
		134,127	116,741	91,986	999,910	-	41,299	1,384,063	8.0	1,449,054	5.0	21
		54,489	-	-	2,526,996	-	-	2,581,485	14.8	8,212,486	28.6	22
		-	-	-	-	-	-	64,132	-	64,132	0.2	23
		-	-	-	29,436	-	78,763	108,199	0.6	108,199	0.4	24
		-	-	-	-	-	-	-	-	6,069	0.0	25
		228,227	-	-	-	-	-	228,227	1.3	228,227	0.8	26
		924,823	-	-	119,158	-	-	1,043,981	6.0	1,250,759	4.4	27
		19,696	-	-	-	-	-	19,696	0.1	19,696	0.1	28
		-	-	-	-	-	-	-	-	556,579	1.9	29
		94,234	-	-	166,356	-	-	260,590	1.5	260,590	0.9	30
		32,722	-	-	-	-	-	32,722	0.2	193,335	0.7	31
		1,496,150	116,741	91,986	4,982,248	-	120,062	6,807,187	39.1	13,497,350	47.0	32
		-	-	-	-	-	-	-	-	-	-	33
		-	-	-	-	-	-	-	-	-	-	34
		-	-	-	-	-	-	-	-	-	-	35
		68,555	11,444	11,832	-	5,565	-	97,396	0.6	858,828	3.0	36
		942,066	192,417	8,957	29,955	2,904	-	1,176,299	6.8	1,317,506	4.6	37
		25,940	50,029	92,203	46,520	-	-	214,692	1.2	237,340	0.8	38
		25,572	33,723	19,921	34,610	-	-	113,826	0.7	626,884	2.2	39
		-	-	-	-	-	-	-	-	-	-	40
		-	-	9,985	-	-	-	9,985	0.1	55,274	0.2	41
		-	-	-	-	-	-	-	-	187,453	0.7	42
		880	-	10,493	-	-	17,773	29,146	0.2	1,327,103	4.6	43
		-	-	-	-	-	-	-	-	81,998	0.3	44
		79	-	-	2,552	-	4,410	7,041	0.0	24,935	0.1	45
		61,218	-	-	-	-	-	61,218	0.4	61,218	0.2	46
		-	-	-	-	-	-	-	-	-	-	47
		-	-	-	-	-	38,276	38,276	0.2	38,276	0.1	48
		-	-	-	-	-	-	-	-	-	-	49
		-	-	-	-	-	-	-	-	605,100	2.1	50
		-	-	-	-	-	-	-	-	-	-	51
		109,629	75,606	22,035	-	-	-	207,270	1.2	456,011	1.6	52
		110,069	-	45,697	9,308	-	-	165,074	0.9	181,182	0.6	53
		116,640	812	1,718	76,224	-	2,848	198,242	1.1	861,247	3.0	54
		1,460,648	364,031	222,841	199,169	8,469	63,307	2,318,465	13.3	6,920,355	24.1	55
		8,293,550	480,772	1,717,316	5,859,861	8,469	1,048,815	17,408,783	100.0	28,721,544	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO
2011**

TABLE M4

MONTREAL- LAKE ONTARIO SECTION

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con- tainers	General	Steel Slabs	Total	%
UPBOUND:													
March	16	16	32	361,413	205,863	-	-	-	-	39,072	-	244,935	0.9
April	81	58	139	1,633,100	1,002,367	-	-	-	887	172,969	80,385	1,256,608	4.4
May	99	72	171	1,830,925	1,201,600	-	-	-	1,481	130,926	-	1,334,007	4.6
June	81	85	166	1,875,695	993,666	-	-	-	2,005	203,834	591	1,200,096	4.2
July	79	77	156	1,746,378	1,004,340	-	-	-	15	153,265	-	1,157,620	4.0
August	86	78	164	1,868,301	1,050,646	-	-	-	883	127,720	221	1,179,470	4.1
September	89	74	163	1,742,823	1,256,040	-	-	-	1,575	123,975	-	1,381,590	4.8
October	74	88	162	1,885,123	1,046,414	-	-	-	166	115,391	-	1,161,971	4.0
November	90	114	204	2,152,631	1,054,628	-	-	-	2,041	221,980	801	1,279,450	4.5
December	69	73	142	1,581,799	1,032,852	-	-	-	-	84,162	-	1,117,014	3.9
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Upbound	764	735	1,499	16,678,188	9,848,416	-	-	-	9,053	1,373,294	81,998	11,312,761	39.4
DOWNBOUND:													
March	11	3	14	177,898	107,024	-	89,906	-	-	1,101	-	198,031	0.7
April	85	43	128	1,408,670	624,628	103,104	776,277	-	-	-	-	1,504,009	5.2
May	116	58	174	1,960,480	710,320	165,025	1,009,858	-	-	975	-	1,886,178	6.6
June	117	51	168	1,938,319	1,070,718	200,147	758,330	-	5,326	1,597	-	2,036,118	7.1
July	108	57	165	1,843,960	1,041,122	89,932	734,559	-	4,487	10,575	-	1,880,675	6.5
August	108	63	171	1,878,044	917,246	141,641	872,457	-	7,611	617	-	1,939,572	6.8
September	99	59	158	1,688,810	952,240	195,640	616,060	-	2,823	17,773	-	1,784,536	6.2
October	118	43	161	1,763,227	720,926	134,166	1,092,336	-	6,611	1,585	-	1,955,624	6.8
November	143	67	210	2,234,702	1,045,411	65,077	1,367,152	-	127	-	-	2,477,767	8.6
December	101	51	152	1,775,749	722,682	53,492	966,196	-	664	3,239	-	1,746,273	6.1
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Downbound	1,006	495	1,501	16,669,859	7,912,317	1,148,224	8,283,131	-	27,649	37,462	-	17,408,783	60.6
TOTALS:													
March	27	19	46	539,311	312,887	-	89,906	-	-	40,173	-	442,966	1.5
April	166	101	267	3,041,770	1,626,995	103,104	776,277	-	887	172,969	80,385	2,760,617	9.6
May	215	130	345	3,791,405	1,911,920	165,025	1,009,858	-	1,481	131,901	-	3,220,185	11.2
June	198	136	334	3,814,014	2,064,384	200,147	758,330	-	7,331	205,431	591	3,236,214	11.3
July	187	134	321	3,590,338	2,045,462	89,932	734,559	-	4,502	163,840	-	3,038,295	10.6
August	194	141	335	3,746,345	1,967,892	141,641	872,457	-	8,494	128,337	221	3,119,042	10.9
September	188	133	321	3,431,633	2,208,280	195,640	616,060	-	4,398	141,748	-	3,166,126	11.0
October	192	131	323	3,648,350	1,767,340	134,166	1,092,336	-	6,777	116,976	-	3,117,595	10.9
November	233	181	414	4,387,333	2,100,039	65,077	1,367,152	-	2,168	221,980	801	3,757,217	13.1
December	170	124	294	3,357,548	1,755,534	53,492	966,196	-	664	87,401	-	2,863,287	10.0
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	1,770	1,230	3,000	33,348,047	17,760,733	1,148,224	8,283,131	-	36,702	1,410,756	81,998	28,721,544	100.0

**TRAFFIC RESULTS
1992 - 2011**

TABLE M5

MONTREAL-LAKE ONTARIO SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
1992	1,250	1,243	2,493	13,991,464	17,368,702	31,360,166	15,346,970	15,267,842	30,614,812
1993	1,149	1,156	2,305	17,026,988	14,943,483	31,970,471	14,996,361	15,041,759	30,038,120
1994	1,423	1,434	2,857	21,017,489	17,404,635	38,422,124	18,794,120	18,947,491	37,741,611
1995	1,392	1,385	2,777	17,352,381	21,332,380	38,684,761	18,986,120	18,963,526	37,949,646
1996	1,358	1,349	2,707	20,652,379	17,422,753	38,075,132	18,314,343	18,131,262	36,445,605
1997	1,401	1,408	2,809	18,853,653	18,047,570	36,901,223	18,471,686	18,533,642	37,005,328
1998	1,576	1,582	3,158	22,569,978	16,675,931	39,245,909	20,612,520	20,629,006	41,241,526
1999	1,590	1,578	3,168	19,594,116	16,817,495	36,411,611	18,687,785	18,663,440	37,351,225
2000	1,485	1,492	2,977	19,168,176	16,238,036	35,406,212	17,887,643	17,888,427	35,776,070
2001	1,293	1,295	2,588	15,583,223	14,694,601	30,277,824	15,173,745	15,097,139	30,270,884
2002	1,300	1,312	2,612	16,904,264	13,098,028	30,002,292	15,642,884	15,739,501	31,382,385
2003	1,291	1,288	2,579	16,436,399	12,464,041	28,900,440	15,155,287	15,043,211	30,198,498
2004	1,326	1,357	2,683	17,201,797	13,598,583	30,800,380	15,096,224	15,278,202	30,374,426
2005	1,340	1,355	2,695	16,753,223	14,520,099	31,273,322	15,369,033	15,467,988	30,837,021
2006	1,472	1,470	2,942	19,022,669	16,549,316	35,571,985	17,498,515	17,476,836	34,975,351
2007	1,431	1,447	2,878	14,922,021	17,033,269	31,955,290	15,979,840	16,002,071	31,981,911
2008	1,347	1,356	2,703	13,571,413	15,781,659	29,353,072	15,256,750	15,280,924	30,537,674
2009	1,203	1,192	2,395	7,031,214	13,667,692	20,698,906	12,114,288	12,116,769	24,231,057
2010	1,353	1,375	2,728	11,274,424	15,644,061	26,918,485	15,016,783	14,982,075	29,998,858
2011	1,499	1,501	3,000	11,312,761	17,408,783	28,721,544	16,678,188	16,669,859	33,348,047
TOTAL	27,479	27,575	55,054	330,240,032	320,711,117	650,951,149	331,079,085	331,220,970	662,300,055

**CARGO BY TARIFF CLASSIFICATION
1992 - 2011**

TABLE M6

MONTREAL-LAKE ONTARIO SECTION

YEAR	BULK		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL		STEEL SLABS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	15,712,016	50.1	N/A	-	12,245,314	39.0	89,273	0.3	23,577	0.1	3,289,986	10.5	N/A	-	31,360,166
1993	16,671,366	52.1	N/A	-	10,852,996	33.9	54,905	0.2	29,636	0.1	4,361,568	13.6	N/A	-	31,970,471
1994	18,104,743	47.1	N/A	-	13,245,446	34.5	54,768	0.1	16,923	0.0	7,000,244	18.2	N/A	-	38,422,124
1995	19,320,911	49.9	N/A	-	14,587,031	37.7	35,964	0.1	25,060	0.1	4,715,795	12.2	N/A	-	38,684,761
1996	19,864,497	52.2	N/A	-	12,303,449	32.3	-	-	15,075	0.0	5,892,111	15.5	N/A	-	38,075,132
1997	18,294,915	49.6	N/A	-	13,482,327	36.5	-	-	11,816	0.0	5,112,165	13.9	N/A	-	36,901,223
1998	19,243,487	49.0	N/A	-	12,963,846	33.0	30,828	0.1	5,211	0.0	7,002,537	17.8	N/A	-	39,245,909
1999	17,923,481	49.2	266,364	0.7	13,552,844	37.2	80,692	0.2	11,573	0.0	4,164,599	11.4	412,058	1.1	36,411,611
2000	17,474,021	49.4	334,489	0.9	12,503,515	35.3	9,655	0.0	19,521	0.1	4,703,411	13.3	361,600	1.0	35,406,212
2001	15,687,342	51.8	407,336	1.3	11,161,951	36.9	-	-	16,471	0.1	2,620,642	8.7	384,082	1.3	30,277,824
2002	15,604,029	52.0	336,425	1.1	9,863,912	32.9	25,834	0.1	14,721	0.0	3,019,259	10.1	1,138,112	3.8	30,002,292
2003	16,927,793	58.6	214,728	0.7	9,188,854	31.8	7,826	0.0	15,208	0.1	2,118,663	7.3	427,368	1.5	28,900,440
2004	16,896,034	54.9	639,722	2.1	9,048,588	29.4	-	-	14,983	0.0	3,707,357	12.0	493,696	1.6	30,800,380
2005	17,746,415	56.7	726,720	2.3	9,524,577	30.5	-	-	17,285	0.1	2,631,034	8.4	627,291	2.0	31,273,322
2006	18,975,206	53.3	684,090	1.9	11,338,573	31.9	11,064	0.0	19,358	0.1	3,646,120	10.2	897,574	2.5	35,571,985
2007	19,003,057	59.5	419,737	1.3	10,103,640	31.6	-	-	23,377	0.1	1,988,841	6.2	416,638	1.3	31,955,290
2008	19,129,832	65.2	957,400	3.3	7,324,253	25.0	-	-	27,266	0.1	1,851,389	6.3	62,932	0.2	29,353,072
2009	11,165,408	53.9	736,293	3.6	7,841,312	37.9	-	-	45,351	0.2	849,280	4.1	61,262	0.3	20,698,906
2010	15,363,805	57.1	909,723	3.4	9,064,211	33.7	-	-	38,015	0.1	1,463,210	5.4	79,521	0.3	26,918,485
2011	17,760,733	61.8	1,148,224	4.0	8,283,131	28.8	-	-	36,702	0.1	1,410,756	4.9	81,998	0.3	28,721,544
TOTAL	346,869,091	53.3	7,781,251	1.2	218,479,770	33.6	400,809	0.1	427,129	0.1	71,548,967	11.0	5,444,132	0.8	650,951,149

**VESSEL TRANSITS
1992 - 2011**

TABLE M7

MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL			
	CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS		
		Loaded	Ballast	Total		Loaded	Ballast	Total		Loaded	Ballast	Total
1992	13,991,464	834	416	1,250	17,368,702	1,006	237	1,243	31,360,166	1,840	653	2,493
1993	17,026,988	951	198	1,149	14,943,483	857	299	1,156	31,970,471	1,808	497	2,305
1994	21,017,489	1,170	253	1,423	17,404,635	1,001	433	1,434	38,422,124	2,171	686	2,857
1995	17,352,381	931	461	1,392	21,332,380	1,139	246	1,385	38,684,761	2,070	707	2,777
1996	20,652,379	1,109	249	1,358	17,422,753	987	362	1,349	38,075,132	2,096	611	2,707
1997	18,853,653	1,076	325	1,401	18,047,570	1,007	401	1,408	36,901,223	2,083	726	2,809
1998	22,569,978	1,309	267	1,576	16,675,931	1,001	581	1,582	39,245,909	2,310	848	3,158
1999	19,594,116	1,166	424	1,590	16,817,495	987	591	1,578	36,411,611	2,153	1,015	3,168
2000	19,168,176	1,145	340	1,485	16,238,036	994	498	1,492	35,406,212	2,139	838	2,977
2001	15,583,223	971	322	1,293	14,694,601	896	399	1,295	30,277,824	1,867	721	2,588
2002	16,904,264	1,022	278	1,300	13,098,028	796	516	1,312	30,002,292	1,818	794	2,612
2003	16,436,399	967	324	1,291	12,464,041	768	520	1,288	28,900,440	1,735	844	2,579
2004	17,201,797	1,030	296	1,326	13,598,583	799	558	1,357	30,800,380	1,829	854	2,683
2005	16,753,223	1,004	336	1,340	14,520,099	840	515	1,355	31,273,322	1,844	851	2,695
2006	19,022,669	1,120	352	1,472	16,549,316	936	534	1,470	35,571,985	2,056	886	2,942
2007	14,922,021	943	488	1,431	17,033,269	1,007	440	1,447	31,955,290	1,950	928	2,878
2008	13,571,413	849	498	1,347	15,781,659	924	432	1,356	29,353,072	1,773	930	2,703
2009	7,031,214	486	717	1,203	13,667,692	838	354	1,192	20,698,906	1,324	1,071	2,395
2010	11,274,424	747	606	1,353	15,644,061	930	445	1,375	26,918,485	1,677	1,051	2,728
2011	11,312,761	764	735	1,499	17,408,783	1,006	495	1,501	28,721,544	1,770	1,230	3,000
TOTAL	330,240,032	19,594	7,885	27,479	320,711,117	18,719	8,856	27,575	650,951,149	38,313	16,741	55,054

**COMMODITY GROUPS
1992 - 2011**

TABLE M8

MONTREAL-LAKE ONTARIO SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	12,242,050	39.0	83,637	0.3	12,714,825	40.5	13,112	0.0	6,306,542	20.1	31,360,166
1993	10,915,255	34.1	50,028	0.2	13,746,322	43.0	8,283	0.0	7,250,583	22.7	31,970,471
1994	13,280,877	34.6	73,055	0.2	15,032,373	39.1	7,123	0.0	10,028,696	26.1	38,422,124
1995	14,598,465	37.7	100,300	0.3	16,498,831	42.6	1,696	0.0	7,485,469	19.3	38,684,761
1996	12,294,655	32.3	35,984	0.1	16,655,651	43.7	3,411	0.0	9,085,431	23.9	38,075,132
1997	13,491,031	36.6	32,732	0.1	14,676,645	39.8	11,761	0.0	8,689,054	23.5	36,901,223
1998	12,964,357	33.0	34,885	0.1	14,724,161	37.5	1,456	0.0	11,521,050	29.4	39,245,909
1999	13,637,630	37.5	35,318	0.1	14,239,776	39.1	1,526	0.0	8,497,361	23.3	36,411,611
2000	12,513,041	35.3	38,240	0.1	13,978,179	39.5	7,477	0.0	8,869,275	25.1	35,406,212
2001	11,170,044	36.9	25,452	0.1	12,104,055	40.0	21,183	0.1	6,957,090	23.0	30,277,824
2002	9,889,299	33.0	31,251	0.1	11,933,604	39.8	98,953	0.3	8,049,185	26.8	30,002,292
2003	9,201,438	31.8	31,849	0.1	12,799,316	44.3	70,476	0.2	6,797,361	23.5	28,900,440
2004	9,059,002	29.4	35,157	0.1	13,011,315	42.2	51,986	0.2	8,642,920	28.1	30,800,380
2005	9,533,823	30.5	24,274	0.1	14,011,158	44.8	105,430	0.3	7,598,637	24.3	31,273,322
2006	11,387,097	32.0	25,052	0.1	15,103,420	42.5	49,455	0.1	9,006,961	25.3	35,571,985
2007	10,116,362	31.7	20,714	0.1	14,592,191	45.7	4,908	0.0	7,221,115	22.6	31,955,290
2008	7,330,431	25.0	5,093	0.0	15,590,563	53.1	-	-	6,426,985	21.9	29,353,072
2009	7,857,417	38.0	7,581	0.0	8,587,376	41.5	-	-	4,246,532	20.5	20,698,906
2010	9,070,585	33.7	6,924	0.0	11,977,259	44.5	-	-	5,863,717	21.8	26,918,485
2011	8,303,839	28.9	-	-	13,497,350	47.0	-	-	6,920,355	24.1	28,721,544
TOTAL	218,856,698	33.6	697,526	0.1	275,474,370	42.3	458,236	0.1	155,464,319	23.9	650,951,149

**U.S. GRAINS
1992 - 2011**

TABLE M9

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE & OATS		CANOLA		BARLEY		SOYBEANS		FLAXSEED		ALL OTHER U.S. GRAINS		TOTAL U.S. GRAINS
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	TONNES
1992	1,586,460	35.0	873,917	19.3	-	-	N/A	-	1,052,638	23.2	917,778	20.2	-	-	102,199	2.3	4,532,992
1993	2,087,128	45.9	1,132,499	24.9	-	-	N/A	-	657,582	14.4	578,188	12.7	-	-	95,754	2.1	4,551,151
1994	1,533,046	29.3	865,693	16.6	-	-	N/A	-	1,130,725	21.6	1,484,285	28.4	-	-	213,825	4.1	5,227,574
1995	2,971,424	40.9	2,152,244	29.6	1,900	0.0	N/A	-	173,287	2.4	1,624,272	22.4	-	-	337,135	4.6	7,260,262
1996	2,718,233	46.1	1,083,567	18.4	11,777	0.2	N/A	-	54,725	0.9	1,992,116	33.8	-	-	41,910	0.7	5,902,328
1997	1,694,195	37.1	420,803	9.2	-	-	N/A	-	576,832	12.6	1,816,377	39.8	-	-	56,354	1.2	4,564,561
1998	2,063,314	33.7	1,903,585	31.1	-	-	N/A	-	46,303	0.8	1,685,201	27.5	8,856	0.1	411,646	6.7	6,118,905
1999	1,625,184	24.6	2,632,760	39.8	-	-	-	-	42,557	0.6	2,140,080	32.4	-	-	166,725	2.5	6,607,306
2000	2,012,948	35.2	1,548,581	27.1	-	-	-	-	93,785	1.6	1,880,086	32.9	31,084	0.5	152,595	2.7	5,719,079
2001	2,098,403	41.8	1,146,924	22.8	20,959	0.4	-	-	24,960	0.5	1,467,067	29.2	56,728	1.1	205,276	4.1	5,020,317
2002	1,864,851	44.1	717,870	17.0	-	-	-	-	24,451	0.6	1,438,093	34.0	69,736	1.6	112,496	2.7	4,227,497
2003	1,810,637	53.7	559,997	16.6	-	-	-	-	2,213	0.1	819,511	24.3	48,860	1.4	129,489	3.8	3,370,707
2004	1,928,223	54.1	434,362	12.2	-	-	-	-	5,962	0.2	996,703	28.0	31,895	0.9	167,431	4.7	3,564,576
2005	2,090,363	53.9	554,740	14.3	-	-	-	-	37,594	1.0	781,691	20.2	93,076	2.4	319,244	8.2	3,876,708
2006	1,296,785	30.7	1,448,243	34.3	-	-	-	-	-	-	1,188,623	28.1	24,953	0.6	268,925	6.4	4,227,529
2007	2,688,049	64.9	536,941	13.0	-	-	-	-	20,917	0.5	630,121	15.2	51,753	1.2	213,960	5.2	4,141,741
2008	777,776	55.1	118,442	8.4	-	-	21,078	1.5	-	-	300,270	21.3	21,112	1.5	172,442	12.2	1,411,120
2009	967,069	45.9	192,085	9.1	-	-	48,897	2.3	-	-	721,838	34.3	14,754	0.7	162,815	7.7	2,107,458
2010	1,901,201	63.7	115,453	3.9	-	-	39,030	1.3	40,739	1.4	654,418	21.9	46,550	1.6	185,773	6.2	2,983,164
2011	974,408	62.1	56,596	3.6	-	-	21,455	1.4	-	-	391,176	24.9	10,507	0.7	114,703	7.3	1,568,845
TOTAL	36,689,697	42.2	18,495,302	21.3	34,636	0.0	130,460	0.1	3,985,270	4.6	23,507,894	27.0	509,864	0.6	3,630,697	4.2	86,983,820

**CANADIAN GRAINS
1991 - 2010**

TABLE M10 **MONTREAL-LAKE ONTARIO SECTION**

YEAR	WHEAT		CORN		RYE & OATS		CANOLA		BARLEY		SOYBEANS		FLAXSEED		ALL OTHER CDN. GRAINS		TOTAL CDN. GRAINS
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	TONNES
1992	6,538,222	85.0	173,490	2.3	8,801	0.1	N/A	-	114,808	1.5	172,710	2.2	151,311	2.0	534,510	6.9	7,693,852
1993	4,728,825	75.0	43,730	0.7	14,278	0.2	N/A	-	38,974	0.6	216,157	3.4	254,058	4.0	1,006,252	16.0	6,302,274
1994	5,133,605	64.0	172,995	2.2	27,355	0.3	N/A	-	140,140	1.7	368,328	4.6	439,356	5.5	1,736,093	21.7	8,017,872
1995	5,119,158	69.9	106,927	1.5	1,330	0.0	N/A	-	32,954	0.4	401,164	5.5	432,596	5.9	1,232,602	16.8	7,326,731
1996	4,208,814	66.1	126,825	2.0	22,400	0.4	N/A	-	366,280	5.8	325,244	5.1	359,269	5.6	956,471	15.0	6,365,303
1997	7,025,506	79.1	8,614	0.1	14,956	0.2	N/A	-	111,791	1.3	336,182	3.8	462,489	5.2	921,823	10.4	8,881,361
1998	4,588,263	68.1	46,054	0.7	3,168	0.0	N/A	-	31,946	0.5	366,538	5.4	491,617	7.3	1,207,790	17.9	6,735,376
1999	4,742,337	68.5	394,025	5.7	8,482	0.1	243,358	3.5	85,495	1.2	384,012	5.5	221,353	3.2	848,876	12.3	6,927,938
2000	4,511,696	66.5	155,668	2.3	11,679	0.2	274,822	4.1	5,749	0.1	304,019	4.5	458,601	6.8	1,062,202	15.7	6,784,436
2001	4,380,974	71.8	54,660	0.9	9,407	0.2	321,964	5.3	32,908	0.5	231,211	3.8	475,014	7.8	599,723	9.8	6,105,861
2002	3,993,735	71.8	97,757	1.8	32,344	0.6	210,181	3.8	115,963	2.1	391,679	7.0	534,353	9.6	182,779	3.3	5,558,791
2003	4,386,858	75.9	5,399	0.1	42,534	0.7	278,592	4.8	46,615	0.8	339,687	5.9	454,788	7.9	228,150	3.9	5,782,623
2004	4,110,448	75.0	53,343	1.0	-	-	224,145	4.1	-	-	379,630	6.9	350,048	6.4	366,398	6.7	5,484,012
2005	3,764,914	66.7	21,945	0.4	14,961	0.3	414,092	7.3	-	-	474,507	8.4	324,783	5.8	632,667	11.2	5,647,869
2006	5,138,163	72.3	93,303	1.3	58,150	0.8	478,939	6.7	9,409	0.1	395,286	5.6	442,759	6.2	495,035	7.0	7,111,044
2007	4,312,323	72.3	119,310	2.0	4,602	0.1	338,971	5.7	15,952	0.3	469,520	7.9	458,821	7.7	242,400	4.1	5,961,899
2008	4,538,953	76.8	153,456	2.6	-	-	195,157	3.3	1,794	0.0	366,365	6.2	438,258	7.4	214,791	3.6	5,908,774
2009	4,336,904	75.6	51,072	0.9	-	-	276,843	4.8	-	-	709,356	12.4	231,182	4.0	128,497	2.2	5,733,854
2010	3,953,858	65.0	375,499	6.2	2,199	0.0	242,401	4.0	14,615	0.2	1,006,748	16.6	249,718	4.1	236,009	3.9	6,081,047
2011	4,436,564	66.1	322,795	4.8	2,200	0.0	767,262	11.4	1,882	0.0	897,098	13.4	88,925	1.3	197,560	2.9	6,714,286
TOTAL	93,950,120	71.6	2,576,867	2.0	278,846	0.2	4,266,727	3.3	1,167,275	0.9	8,535,441	6.5	7,319,299	5.6	13,030,628	9.9	131,125,203

**SELECTED MINING COMMODITIES
1992 - 2011**

TABLE M11

MONTREAL-LAKE ONTARIO SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		OTHER MINING		TOTAL MINING TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	336,327	2.6	705,253	5.5	8,727,467	68.6	145,918	1.1	-	-	561,300	4.4	965,099	7.6	1,273,461	10.0	12,714,825
1993	242,958	1.8	846,742	6.2	9,963,598	72.5	171,967	1.3	26,000	0.2	811,602	5.9	651,414	4.7	1,032,041	7.5	13,746,322
1994	535,301	3.6	634,407	4.2	11,047,880	73.5	183,725	1.2	-	-	735,214	4.9	706,190	4.7	1,189,656	7.9	15,032,373
1995	942,386	5.7	886,224	5.4	10,959,374	66.4	231,066	1.4	-	-	808,074	4.9	1,449,077	8.8	1,222,630	7.4	16,498,831
1996	508,129	3.1	804,960	4.8	11,596,270	69.6	221,755	1.3	22,675	0.1	763,123	4.6	1,449,578	8.7	1,289,161	7.7	16,655,651
1997	534,507	3.6	775,129	5.3	10,121,109	69.0	254,791	1.7	20,037	0.1	400,683	2.7	1,227,534	8.4	1,342,855	9.1	14,676,645
1998	191,356	1.3	624,131	4.2	11,104,515	75.4	250,534	1.7	-	-	559,951	3.8	732,983	5.0	1,260,691	8.6	14,724,161
1999	266,364	1.9	566,637	4.0	10,686,169	75.0	176,461	1.2	21,010	0.1	313,953	2.2	745,098	5.2	1,464,084	10.3	14,239,776
2000	334,489	2.4	931,110	6.7	10,167,877	72.7	161,835	1.2	4,072	0.0	359,032	2.6	657,137	4.7	1,362,627	9.7	13,978,179
2001	407,336	3.4	753,722	6.2	8,386,036	69.3	84,269	0.7	12,982	0.1	299,277	2.5	891,450	7.4	1,268,983	10.5	12,104,055
2002	336,425	2.8	847,622	7.1	8,166,897	68.4	110,613	0.9	24,405	0.2	323,541	2.7	853,795	7.2	1,270,306	10.6	11,933,604
2003	214,728	1.7	680,875	5.3	9,259,086	72.3	109,485	0.9	3,050	0.0	272,054	2.1	766,237	6.0	1,493,801	11.7	12,799,316
2004	639,722	4.9	957,071	7.4	8,337,875	64.1	180,934	1.4	6,435	0.0	425,443	3.3	951,337	7.3	1,512,498	11.6	13,011,315
2005	726,720	5.2	964,293	6.9	8,974,766	64.1	128,894	0.9	6,004	0.0	398,169	2.8	1,220,522	8.7	1,591,790	11.4	14,011,158
2006	684,090	4.5	1,460,589	9.7	9,542,869	63.2	177,648	1.2	6,000	0.0	564,975	3.7	1,154,644	7.6	1,512,605	10.0	15,103,420
2007	419,737	2.9	1,040,419	7.1	9,741,873	66.8	147,736	1.0	-	-	664,284	4.6	1,133,846	7.8	1,444,296	9.9	14,592,191
2008	957,400	6.1	2,161,487	13.9	9,148,037	58.7	121,479	0.8	50,335	0.3	449,677	2.9	1,448,098	9.3	1,254,050	8.0	15,590,563
2009	736,293	8.6	1,427,143	16.6	3,871,775	45.1	62,556	0.7	-	-	256,319	3.0	1,308,022	15.2	925,268	10.8	8,587,376
2010	909,723	7.6	1,430,524	11.9	7,203,786	60.1	69,279	0.6	2,000	0.0	277,592	2.3	937,215	7.8	1,147,140	9.6	11,977,259
2011	1,148,224	8.5	1,449,054	10.7	8,212,486	60.8	108,199	0.8	6,069	0.0	228,227	1.7	1,250,759	9.3	1,094,332	8.1	13,497,350
TOTAL	11,072,215	4.0	19,947,392	7.2	185,219,745	67.2	3,099,144	1.1	211,074	0.1	9,472,490	3.4	20,500,035	7.4	25,952,275	9.4	275,474,370

**SELECTED PROCESSED COMMODITIES
1992 - 2011**

TABLE M12

MONTREAL-LAKE ONTARIO SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL (1)		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1992	362,649	5.8	615,685	9.8	565,561	9.0	95,345	1.5	72,934	1.2	3,119,218	49.5	114,841	1.8	112,810	1.8	1,247,499	19.8
1993	295,003	4.1	591,868	8.2	684,411	9.4	153,043	2.1	59,313	0.8	4,138,812	57.1	16,343	0.2	109,631	1.5	1,202,159	16.6
1994	462,198	4.6	839,482	8.4	415,570	4.1	156,233	1.6	87,748	0.9	6,766,616	67.5	-	-	46,254	0.5	1,254,595	12.5
1995	245,777	3.3	703,107	9.4	520,757	7.0	124,573	1.7	141,342	1.9	4,528,312	60.5	-	-	149,854	2.0	1,071,747	14.3
1996	341,420	3.8	695,658	7.7	512,731	5.6	92,129	1.0	171,740	1.9	5,687,894	62.6	16,180	0.2	42,768	0.5	1,524,911	16.8
1997	204,185	2.3	795,854	9.2	454,874	5.2	119,691	1.4	221,101	2.5	4,879,709	56.2	63,182	0.7	181,502	2.1	1,768,956	20.4
1998	372,054	3.2	1,086,624	9.4	677,309	5.9	126,097	1.1	272,545	2.4	6,909,049	60.0	38,869	0.3	80,847	0.7	1,957,656	17.0
1999	331,133	3.9	782,463	9.2	405,651	4.8	148,298	1.7	306,157	3.6	4,317,382	50.8	11,415	0.1	96,160	1.1	2,098,702	24.7
2000	376,158	4.2	674,597	7.6	546,984	6.2	150,169	1.7	212,512	2.4	4,881,723	55.0	30,865	0.3	37,787	0.4	1,958,480	22.1
2001	695,875	10.0	826,001	11.9	502,435	7.2	84,617	1.2	219,545	3.2	2,896,389	41.6	8,810	0.1	-	-	1,723,418	24.8
2002	722,291	9.0	454,928	5.7	557,911	6.9	76,218	0.9	232,784	2.9	4,067,662	50.5	86,187	1.1	55,833	0.7	1,795,371	22.3
2003	602,920	8.9	931,187	13.7	632,152	9.3	73,758	1.1	179,104	2.6	2,494,287	36.7	81,196	1.2	50,196	0.7	1,752,561	25.8
2004	481,748	5.6	1,005,031	11.6	629,566	7.3	47,589	0.6	167,619	1.9	4,101,729	47.5	74,783	0.9	327,634	3.8	1,807,221	20.9
2005	556,725	7.3	895,565	11.8	627,015	8.3	19,181	0.3	229,091	3.0	3,042,941	40.0	75,954	1.0	214,318	2.8	1,937,847	25.5
2006	646,140	7.2	1,005,669	11.2	678,854	7.5	15,283	0.2	238,334	2.6	4,363,220	48.4	52,097	0.6	127,809	1.4	1,879,555	20.9
2007	796,162	11.0	1,165,908	16.1	689,369	9.5	20,936	0.3	259,328	3.6	2,260,338	31.3	103,240	1.4	154,647	2.1	1,771,187	24.5
2008	544,526	8.5	984,683	15.3	429,440	6.7	15,010	0.2	171,444	2.7	1,803,613	28.1	163,884	2.5	141,367	2.2	2,173,018	33.8
2009	418,931	9.9	723,208	17.0	349,964	8.2	-	-	101,916	2.4	865,597	20.4	120,632	2.8	114,782	2.7	1,551,502	36.5
2010	521,413	8.9	706,859	12.1	608,446	10.4	-	-	256,029	4.4	1,433,263	24.4	108,178	1.8	197,103	3.4	2,032,426	34.7
2011	858,828	12.4	1,317,506	19.0	626,884	9.1	-	-	187,453	2.7	1,409,101	20.4	61,218	0.9	181,182	2.6	2,278,183	32.9
TOTAL	9,836,136	6.3	16,801,883	10.8	11,115,884	7.2	1,518,170	1.0	3,788,039	2.4	73,966,855	47.6	1,227,874	0.8	2,422,484	1.6	34,786,994	22.4

(1) Includes Steel Slabs.

PART IV

ST. LAWRENCE SEAWAY

TOLL TRAFFIC

FOR THE

WELLAND CANAL SECTION

**TRAFFIC BY CLASS AND TYPE OF VESSEL
2011**

TABLE W1

WELLAND CANAL SECTION

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
UPBOUND:													
Ocean: Cargo	160	33	193	2,786,463	487,772	-	-	-	5,172	1,096,432	1,613	1,590,989	5.4
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	38	19	57	587,575	384,471	-	-	-	-	-	-	384,471	1.3
Total Ocean	198	52	250	3,374,038	872,243	-	-	-	5,172	1,096,432	1,613	1,975,460	6.7
Laker: Cargo	241	561	802	13,726,238	4,702,267	-	61,023	-	-	-	-	4,763,290	16.1
Barge	85	112	197	1,259,301	795,316	-	-	-	-	-	-	795,316	2.7
Tanker	19	88	107	704,355	156,385	-	-	-	-	-	-	156,385	0.5
Total Laker	345	761	1,106	15,689,894	5,653,968	-	61,023	-	-	-	-	5,714,991	19.3
Non-Cargo	-	285	285	142,741	-	-	-	-	-	-	-	-	-
Passenger	6	3	9	18,804	-	-	-	-	-	-	-	-	-
Total Upbound	549	1,101	1,650	19,225,477	6,526,211	-	61,023	-	5,172	1,096,432	1,613	7,690,451	25.9
DOWNBOUND:													
Ocean: Cargo	141	51	192	2,776,852	251,510	-	1,825,244	-	664	34,977	-	2,112,395	7.1
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	38	19	57	587,575	318,204	-	-	-	-	-	-	318,204	1.1
Total Ocean	179	70	249	3,364,427	569,714	-	1,825,244	-	664	34,977	-	2,430,599	8.2
Laker: Cargo	725	74	799	13,682,889	8,261,654	3,727,379	5,652,951	-	-	-	-	17,641,984	59.5
Barge	121	72	193	1,239,948	1,012,350	12,469	-	-	549	-	-	1,025,368	3.5
Tanker	94	13	107	704,355	848,257	-	-	-	-	-	-	848,257	2.9
Total Laker	940	159	1,099	15,627,192	10,122,261	3,739,848	5,652,951	-	549	-	-	19,515,609	65.8
Non-Cargo	-	288	288	142,495	-	-	-	-	-	-	-	-	-
Passenger	7	3	10	19,491	-	-	-	-	-	-	-	-	-
Total Downbound	1,126	520	1,646	19,153,605	10,691,975	3,739,848	7,478,195	-	1,213	34,977	-	21,946,208	74.1
TOTALS:													
Ocean: Cargo	301	84	385	5,563,315	739,282	-	1,825,244	-	5,836	1,131,409	1,613	3,703,384	12.5
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	76	38	114	1,175,150	702,675	-	-	-	-	-	-	702,675	2.4
Total Ocean	377	122	499	6,738,465	1,441,957	-	1,825,244	-	5,836	1,131,409	1,613	4,406,059	14.9
Laker: Cargo	966	635	1,601	27,409,127	12,963,921	3,727,379	5,713,974	-	-	-	-	22,405,274	75.6
Barge	206	184	390	2,499,249	1,807,666	12,469	-	-	549	-	-	1,820,684	6.1
Tanker	113	101	214	1,408,710	1,004,642	-	-	-	-	-	-	1,004,642	3.4
Total Laker	1,285	920	2,205	31,317,086	15,776,229	3,739,848	5,713,974	-	549	-	-	25,230,600	85.1
Non-Cargo	-	573	573	285,236	-	-	-	-	-	-	-	-	-
Passenger	13	6	19	38,295	-	-	-	-	-	-	-	-	-
GRAND TOTAL	1,675	1,621	3,296	38,379,082	17,218,186	3,739,848	7,539,218	-	6,385	1,131,409	1,613	29,636,659	100.0

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
2011**

TABLE W2

WELLAND CANAL SECTION

COMMODITY	CARGO TONNES								% of Total
	Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	
Wheat	-	-	5,247,326	-	-	-	-	5,247,326	17.7
Corn	-	-	208,381	-	-	-	-	208,381	0.7
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	2,200	-	-	-	-	2,200	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	931,439	-	-	-	-	931,439	3.1
Canola Meal, Pellets	-	-	30,411	-	-	-	-	30,411	0.1
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	738,177	-	-	-	-	738,177	2.5
Soybean Oil Cake, Meal, Pellets	-	-	53,872	-	-	-	-	53,872	0.2
Beans and Peas	-	-	69,151	-	-	-	-	69,151	0.2
Flaxseed	-	-	99,432	-	-	-	-	99,432	0.3
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	158,829	-	-	-	-	158,829	0.5
Total Agricultural Products	-	-	7,539,218	-	-	-	-	7,539,218	25.4
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
Total Animal Products	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	3,739,848	-	-	-	-	-	3,739,848	12.6
Coke	2,079,628	-	-	-	-	-	-	2,079,628	7.0
Iron Ore	5,961,836	-	-	-	-	-	-	5,961,836	20.1
Aluminum Ore and Concentrates	32,093	-	-	-	-	-	-	32,093	0.1
Clay and Bentonite	108,199	-	-	-	-	-	-	108,199	0.4
Gravel and Sand	108,432	-	-	-	-	-	-	108,432	0.4
Stone	466,745	-	-	-	-	-	-	466,745	1.6
Salt	2,569,434	-	-	-	-	-	-	2,569,434	8.7
Potash	60,162	-	-	-	-	-	-	60,162	0.2
Gypsum	32,951	-	-	-	-	-	-	32,951	0.1
Asphalt	477,351	-	-	-	-	-	-	477,351	1.6
Other Mine Products	70,763	-	-	-	-	-	-	70,763	0.2
Total Mine Products	11,967,594	3,739,848	-	-	-	-	-	15,707,442	53.0
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	-	-	-	-	-	-	-	-	-
Total Forest Products	-	-	-	-	-	-	-	-	-
Gasoline	561,244	-	-	-	-	-	-	561,244	1.9
Fuel Oil	1,214,324	-	-	-	-	-	-	1,214,324	4.1
Other Petroleum Products	131,497	-	-	-	-	-	-	131,497	0.4
Chemicals	243,440	-	-	-	-	-	-	243,440	0.8
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	47,800	-	-	-	-	-	-	47,800	0.2
Pig Iron	182,143	-	-	-	-	-	-	182,143	0.6
Iron and Steel	3,083	-	-	-	-	1,052,039	-	1,055,122	3.6
Steel Slabs	59,117	-	-	-	-	-	1,613	60,730	0.2
Machinery and Machines	2,279	-	-	-	624	14,345	-	17,248	0.1
Cement	809,991	-	-	-	-	-	-	809,991	2.7
Cement Clinkers	528,381	-	-	-	-	-	-	528,381	1.8
Woodpulp	38,276	-	-	-	-	-	-	38,276	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	52,485	-	-	-	-	-	-	52,485	0.2
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	812,891	-	-	-	-	-	-	812,891	2.7
Scrap Iron and Steel	314,413	-	-	-	-	-	-	314,413	1.1
Other Manufactures and Misc. (1)	249,228	-	-	-	5,761	65,025	-	320,014	1.1
Total Manufactures and Misc.	5,250,592	-	-	-	6,385	1,131,409	1,613	6,389,999	21.6
GRAND TOTAL	17,218,186	3,739,848	7,539,218	-	6,385	1,131,409	1,613	29,636,659	100.0

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2011**

TABLE W3 - Part A

WELLAND CANAL SECTION

NO.	COMMODITY	from: to:		UPBOUND TONNES				TOTAL UPBOUND	% OF TOTAL UP- BOUND		
				CANADA		UNITED STATES				FOREIGN	
				Canada	United States	Canada	United States			Canada	United States
1	Wheat	-	61,023	-	-	-	-	61,023	0.8		
2	Corn	-	-	-	-	-	-	-	-		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	-	-	-		
5	Barley	-	-	-	-	-	-	-	-		
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	-	-	-	-		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	-	-	-	-		
15	Total Agricultural Products	-	61,023	-	-	-	-	61,023	0.8		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	Total Animal Products	-	-	-	-	-	-	-	-		
20	Bituminous Coal	-	-	-	-	-	-	-	-		
21	Coke	347,258	161,264	-	-	44,129	-	552,651	7.2		
22	Iron Ore	37,742	2,759,480	-	-	-	-	2,797,222	36.4		
23	Aluminum Ore and Concentrates	-	26,017	-	-	6,076	-	32,093	0.4		
24	Clay and Bentonite	-	-	-	-	-	-	-	-		
25	Gravel and Sand	-	-	-	-	-	6,069	6,069	0.1		
26	Stone	22,125	-	-	-	-	-	22,125	0.3		
27	Salt	-	-	-	-	-	-	-	-		
28	Potash	-	-	-	-	-	-	-	-		
29	Gypsum	-	32,951	-	-	-	-	32,951	0.4		
30	Asphalt	-	-	-	-	-	-	-	-		
31	Other Mine Products	-	-	16,118	-	15,700	6,223	38,041	0.5		
32	Total Mine Products	407,125	2,979,712	16,118	-	65,905	12,292	3,481,152	45.3		
33	Lumber	-	-	-	-	-	-	-	-		
34	Other Forest Products	-	-	-	-	-	-	-	-		
35	Total Forest Products	-	-	-	-	-	-	-	-		
36	Gasoline	123,560	13,165	138,053	7,161	164,984	-	446,923	5.8		
37	Fuel Oil	37,540	-	9,331	-	-	-	46,871	0.6		
38	Other Petroleum Products	3,521	-	17,620	-	-	-	21,141	0.3		
39	Chemicals	-	-	-	-	18,000	78,847	96,847	1.3		
40	Sodium Products	-	-	-	-	-	-	-	-		
41	Tar, Pitch and Creosote	-	-	-	-	-	-	-	-		
42	Pig Iron	-	94,061	-	-	-	88,082	182,143	2.4		
43	Iron and Steel	-	-	-	3,083	236,107	787,666	1,026,856	13.4		
44	Steel Slabs	-	-	-	-	-	1,613	1,613	0.0		
45	Machinery and Machines	-	276	-	-	166	9,844	10,286	0.1		
46	Cement	109,309	700,682	-	-	-	-	809,991	10.5		
47	Cement Clinkers	-	528,381	-	-	-	-	528,381	6.9		
48	Woodpulp	-	-	-	-	-	-	-	-		
49	Newsprint and Paper Products	-	-	-	-	-	-	-	-		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	-	-	-	-	52,485	-	52,485	0.7		
52	Food Products	-	-	-	-	-	-	-	-		
53	Furnace Slags	18,622	308,465	-	-	-	151,261	478,348	6.2		
54	Scrap Iron and Steel	17,650	187,537	-	-	-	-	205,187	2.7		
55	Other Manufactures and Misc. (1)	4,155	124,625	-	-	40,989	71,435	241,204	3.1		
56	Total Manufactures and Misc.	314,357	1,957,192	165,004	10,244	512,731	1,188,748	4,148,276	53.9		
57	GRAND TOTAL	721,482	4,997,927	181,122	10,244	578,636	1,201,040	7,690,451	100.0		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2011**

TABLE W3 - Part B

WELLAND CANAL SECTION

		DOWNBOUND TONNES				TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.		
from:	to:	CANADA		UNITED STATES				TOTAL CARGO TONNES	% OF TOTAL			
		Canada	United States	Foreign	Canada	United States	Foreign					
		3,998,249	-	238,601	293,048	-	656,405	5,186,303	23.6	5,247,326	17.7	1
		42,844	-	-	165,537	-	-	208,381	0.9	208,381	0.7	2
		-	-	-	-	-	-	-	-	-	-	3
		-	-	2,200	-	-	-	2,200	0.0	2,200	0.0	4
		-	-	-	-	-	-	-	-	-	-	5
		566,287	-	343,697	-	-	21,455	931,439	4.2	931,439	3.1	6
		-	-	30,411	-	-	-	30,411	0.1	30,411	0.1	7
		-	-	-	-	-	-	-	-	-	-	8
		206,872	-	125,548	343,381	-	62,376	738,177	3.4	738,177	2.5	9
		12,463	-	41,409	-	-	-	53,872	0.2	53,872	0.2	10
		-	-	69,151	-	-	-	69,151	0.3	69,151	0.2	11
		3,517	-	85,408	-	-	10,507	99,432	0.5	99,432	0.3	12
		-	-	-	-	-	-	-	-	-	-	13
		-	-	44,126	-	-	114,703	158,829	0.7	158,829	0.5	14
		4,830,232	-	980,551	801,966	-	865,446	7,478,195	34.1	7,539,218	25.4	15
		-	-	-	-	-	-	-	-	-	-	16
		-	-	-	-	-	-	-	-	-	-	17
		-	-	-	-	-	-	-	-	-	-	18
		-	-	-	-	-	-	-	-	-	-	19
		221,453	-	-	3,518,395	-	-	3,739,848	17.0	3,739,848	12.6	20
		79,945	-	73,129	1,332,604	-	41,299	1,526,977	7.0	2,079,628	7.0	21
		54,489	-	-	3,110,125	-	-	3,164,614	14.4	5,961,836	20.1	22
		-	-	-	-	-	-	-	-	32,093	0.1	23
		-	-	-	29,436	-	78,763	108,199	0.5	108,199	0.4	24
		-	-	-	102,363	-	-	102,363	0.5	108,432	0.4	25
		444,620	-	-	-	-	-	444,620	2.0	466,745	1.6	26
		1,907,326	53,829	-	558,691	49,588	-	2,569,434	11.7	2,569,434	8.7	27
		50,403	9,759	-	-	-	-	60,162	0.3	60,162	0.2	28
		-	-	-	-	-	-	-	-	32,951	0.1	29
		178,158	-	-	288,106	11,087	-	477,351	2.2	477,351	1.6	30
		32,722	-	-	-	-	-	32,722	0.1	70,763	0.2	31
		2,969,116	63,588	73,129	8,939,720	60,675	120,062	12,226,290	55.7	15,707,442	53.0	32
		-	-	-	-	-	-	-	-	-	-	33
		-	-	-	-	-	-	-	-	-	-	34
		-	-	-	-	-	-	-	-	-	-	35
		85,480	11,444	11,832	-	5,565	-	114,321	0.5	561,244	1.9	36
		944,116	202,678	8,957	8,798	2,904	-	1,167,453	5.3	1,214,324	4.1	37
		16,732	43,498	3,606	46,520	-	-	110,356	0.5	131,497	0.4	38
		25,572	33,723	18,621	68,677	-	-	146,593	0.7	243,440	0.8	39
		-	-	-	-	-	-	-	-	-	-	40
		47,800	-	-	-	-	-	47,800	0.2	47,800	0.2	41
		-	-	-	-	-	-	-	-	182,143	0.6	42
		-	-	10,493	-	-	17,773	28,266	0.1	1,055,122	3.6	43
		-	-	-	59,117	-	-	59,117	0.3	60,730	0.2	44
		-	-	-	2,552	-	4,410	6,962	0.0	17,248	0.1	45
		-	-	-	-	-	-	-	-	809,991	2.7	46
		-	-	-	-	-	-	-	-	528,381	1.8	47
		-	-	-	-	-	38,276	38,276	0.2	38,276	0.1	48
		-	-	-	-	-	-	-	-	-	-	49
		-	-	-	-	-	-	-	-	-	-	50
		-	-	-	-	-	-	-	-	52,485	0.2	51
		-	-	-	-	-	-	-	-	-	-	52
		262,253	-	-	72,290	-	-	334,543	1.5	812,891	2.7	53
		99,918	-	-	9,308	-	-	109,226	0.5	314,413	1.1	54
		-	45	-	75,917	-	2,848	78,810	0.4	320,014	1.1	55
		1,481,871	291,388	53,509	343,179	8,469	63,307	2,241,723	10.2	6,389,999	21.6	56
		9,281,219	354,976	1,107,189	10,084,865	69,144	1,048,815	21,946,208	100.0	29,636,659	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO
2011**

TABLE W4

WELLAND CANAL SECTION

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
UPBOUND:													
March	12	35	47	467,100	165,831	-	-	-	-	22,452	-	188,283	0.6
April	59	110	169	1,991,135	732,721	-	-	-	887	110,657	-	844,265	2.8
May	73	117	190	2,241,735	805,675	-	-	-	1,481	99,936	-	907,092	3.1
June	70	119	189	2,282,830	839,801	-	-	-	1,908	168,321	591	1,010,621	3.4
July	69	120	189	2,127,095	747,377	-	-	-	-	144,678	-	892,055	3.0
August	59	117	176	2,105,283	682,153	-	25,350	-	-	114,518	221	822,242	2.8
September	68	119	187	1,984,204	878,465	-	25,473	-	699	101,626	-	1,006,263	3.4
October	52	124	176	2,116,702	704,146	-	-	-	4	97,498	-	801,648	2.7
November	58	123	181	2,180,485	619,481	-	10,200	-	193	183,348	801	814,023	2.7
December	29	117	146	1,728,908	350,561	-	-	-	-	53,398	-	403,959	1.4
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Upbound	549	1,101	1,650	19,225,477	6,526,211	-	61,023	-	5,172	1,096,432	1,613	7,690,451	25.9
DOWNBOUND:													
March	15	13	28	246,687	133,301	81,959	71,684	-	-	-	-	286,944	1.0
April	102	57	159	1,762,599	976,527	344,566	650,197	-	-	-	-	1,971,290	6.7
May	130	57	187	2,287,365	1,152,025	433,864	904,383	-	-	975	-	2,491,247	8.4
June	137	58	195	2,357,157	1,506,482	487,121	748,830	-	549	978	-	2,743,960	9.3
July	122	55	177	2,112,775	1,303,014	366,792	719,146	-	-	10,538	-	2,399,490	8.1
August	124	60	184	2,115,433	1,277,244	361,353	860,622	-	-	-	-	2,499,219	8.4
September	111	73	184	1,961,565	1,133,087	442,554	613,522	-	-	17,773	-	2,206,936	7.4
October	121	51	172	2,010,273	1,013,800	435,185	913,704	-	-	1,474	-	2,364,163	8.0
November	135	50	185	2,242,962	1,150,540	427,942	1,087,936	-	-	-	-	2,666,418	9.0
December	129	46	175	2,056,789	1,045,955	358,512	908,171	-	664	3,239	-	2,316,541	7.8
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Downbound	1,126	520	1,646	19,153,605	10,691,975	3,739,848	7,478,195	-	1,213	34,977	-	21,946,208	74.1
TOTALS:													
March	27	48	75	713,787	299,132	81,959	71,684	-	-	22,452	-	475,227	1.6
April	161	167	328	3,753,734	1,709,248	344,566	650,197	-	887	110,657	-	2,815,555	9.5
May	203	174	377	4,529,100	1,957,700	433,864	904,383	-	1,481	100,911	-	3,398,339	11.5
June	207	177	384	4,639,987	2,346,283	487,121	748,830	-	2,457	169,299	591	3,754,581	12.7
July	191	175	366	4,239,870	2,050,391	366,792	719,146	-	-	155,216	-	3,291,545	11.1
August	183	177	360	4,220,716	1,959,397	361,353	885,972	-	-	114,518	221	3,321,461	11.2
September	179	192	371	3,945,769	2,011,552	442,554	638,995	-	699	119,399	-	3,213,199	10.8
October	173	175	348	4,126,975	1,717,946	435,185	913,704	-	4	98,972	-	3,165,811	10.7
November	193	173	366	4,423,447	1,770,021	427,942	1,098,136	-	193	183,348	801	3,480,441	11.7
December	158	163	321	3,785,697	1,396,516	358,512	908,171	-	664	56,637	-	2,720,500	9.2
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	1,675	1,621	3,296	38,379,082	17,218,186	3,739,848	7,539,218	-	6,385	1,131,409	1,613	29,636,659	100.0

**TRAFFIC RESULTS
1992 - 2011**

TABLE W5

WELLAND CANAL SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
1992	1,579	1,561	3,140	8,333,241	24,841,277	33,174,518	20,243,685	20,098,051	40,341,736
1993	1,460	1,467	2,927	11,230,122	20,584,897	31,815,019	18,072,909	17,990,480	36,063,389
1994	1,693	1,685	3,378	15,832,507	23,870,582	39,703,089	21,463,429	21,396,077	42,859,506
1995	1,654	1,641	3,295	12,462,085	26,914,248	39,376,333	22,114,295	21,957,301	44,071,596
1996	1,661	1,646	3,307	16,100,765	25,044,449	41,145,214	22,305,537	22,075,614	44,381,151
1997	1,687	1,697	3,384	14,964,754	25,937,733	40,902,487	22,383,678	22,317,899	44,701,577
1998	1,716	1,711	3,427	16,490,774	24,154,823	40,645,597	22,562,174	22,498,816	45,060,990
1999	1,836	1,844	3,680	13,772,519	23,668,366	37,440,885	20,861,259	20,898,258	41,759,517
2000	1,681	1,670	3,351	13,433,945	23,138,232	36,572,177	20,473,915	20,428,640	40,902,555
2001	1,706	1,683	3,389	10,623,437	21,861,460	32,484,897	19,489,594	19,430,309	38,919,903
2002	1,506	1,510	3,016	11,689,831	20,418,339	32,108,170	18,103,106	18,134,151	36,237,257
2003	1,512	1,515	3,027	11,697,639	20,172,827	31,870,466	17,525,485	17,478,649	35,004,134
2004	1,584	1,601	3,185	12,595,988	21,688,828	34,284,816	18,311,694	18,360,863	36,672,557
2005	1,710	1,733	3,443	12,256,402	21,893,152	34,149,554	18,372,670	18,406,586	36,779,256
2006	1,840	1,833	3,673	13,976,985	23,442,679	37,419,664	19,862,855	19,823,505	39,686,360
2007	1,833	1,838	3,671	10,866,311	24,069,114	34,935,425	20,125,587	20,080,540	40,206,127
2008	1,749	1,768	3,517	10,402,209	23,177,702	33,579,911	18,965,112	19,047,659	38,012,771
2009	1,404	1,395	2,799	5,900,260	20,480,199	26,380,459	16,256,539	16,257,628	32,514,167
2010	1,558	1,577	3,135	7,685,414	21,497,922	29,183,336	18,428,256	18,379,890	36,808,146
2011	1,650	1,646	3,296	7,690,451	21,946,208	29,636,659	19,225,477	19,153,605	38,379,082
TOTAL	33,019	33,021	66,040	238,005,639	458,803,037	696,808,676	395,147,256	394,214,521	789,361,777

**CARGO BY TARIFF CLASSIFICATION
1992 - 2011**

TABLE W6

WELLAND CANAL SECTION

YEAR	BULK		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL		STEEL SLABS		TOTAL
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	TONNES
1992	18,179,814	54.8	N/A	-	12,485,974	37.6	77,737	0.2	16,351	0.0	2,414,642	7.3	N/A	-	33,174,518
1993	17,251,886	54.2	N/A	-	11,209,047	35.2	54,905	0.2	21,726	0.1	3,277,455	10.3	N/A	-	31,815,019
1994	20,661,562	52.0	N/A	-	13,576,191	34.2	54,768	0.1	9,653	0.0	5,400,915	13.6	N/A	-	39,703,089
1995	20,890,620	53.1	N/A	-	14,972,524	38.0	18,225	0.0	10,115	0.0	3,484,849	8.9	N/A	-	39,376,333
1996	23,621,910	57.4	N/A	-	12,728,928	30.9	-	-	1,279	0.0	4,793,097	11.6	N/A	-	41,145,214
1997	23,110,570	56.5	N/A	-	13,721,447	33.5	-	-	2,209	0.0	4,068,261	9.9	N/A	-	40,902,487
1998	22,004,090	54.1	N/A	-	13,162,425	32.4	15,828	0.0	837	0.0	5,462,417	13.4	N/A	-	40,645,597
1999	15,880,743	42.4	4,518,099	12.1	13,508,319	36.1	69,469	0.2	355	0.0	3,286,495	8.8	177,405	0.5	37,440,885
2000	15,811,645	43.2	4,345,503	11.9	12,871,409	35.2	9,655	0.0	1,283	0.0	3,382,207	9.2	150,475	0.4	36,572,177
2001	13,826,823	42.6	4,803,620	14.8	11,645,522	35.8	-	-	1,616	0.0	2,033,454	6.3	173,862	0.5	32,484,897
2002	14,956,780	46.6	4,114,092	12.8	10,323,175	32.2	25,834	0.1	848	0.0	2,133,952	6.6	553,489	1.7	32,108,170
2003	16,635,881	52.2	4,196,191	13.2	9,342,431	29.3	7,826	0.0	791	0.0	1,682,564	5.3	4,782	0.0	31,870,466
2004	18,017,251	52.6	4,230,079	12.3	9,044,708	26.4	-	-	867	0.0	2,904,893	8.5	87,018	0.3	34,284,816
2005	19,095,444	55.9	3,693,199	10.8	9,391,899	27.5	-	-	398	0.0	1,884,844	5.5	83,770	0.2	34,149,554
2006	19,810,684	52.9	3,714,491	9.9	10,751,735	28.7	11,064	0.0	3,372	0.0	2,774,914	7.4	353,404	0.9	37,419,664
2007	19,911,584	57.0	3,159,070	9.0	9,921,492	28.4	-	-	871	0.0	1,527,846	4.4	414,562	1.2	34,935,425
2008	21,850,486	65.1	3,631,509	10.8	6,848,996	20.4	-	-	1,566	0.0	1,231,106	3.7	16,248	0.0	33,579,911
2009	15,318,345	58.1	2,852,049	10.8	7,518,954	28.5	-	-	790	0.0	669,054	2.5	21,267	0.1	26,380,459
2010	16,298,195	55.8	3,670,410	12.6	8,013,820	27.5	-	-	11,761	0.0	1,188,862	4.1	288	0.0	29,183,336
2011	17,218,186	58.1	3,739,848	12.6	7,539,218	25.4	-	-	6,385	0.0	1,131,409	3.8	1,613	0.0	29,636,659
TOTAL	370,352,499	53.1	50,668,160	7.3	218,578,214	31.4	345,311	0.0	93,073	0.0	54,733,236	7.9	2,038,183	0.3	696,808,676

**VESSEL TRANSITS
1992 - 2011**

TABLE W7

WELLAND CANAL SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL			
	CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS		
		Loaded	Ballast	Total		Loaded	Ballast	Total		Loaded	Ballast	Total
1992	8,333,241	642	937	1,579	24,841,277	1,335	226	1,561	33,174,518	1,977	1,163	3,140
1993	11,230,122	785	675	1,460	20,584,897	1,133	334	1,467	31,815,019	1,918	1,009	2,927
1994	15,832,507	1,044	649	1,693	23,870,582	1,320	365	1,685	39,703,089	2,364	1,014	3,378
1995	12,462,085	760	894	1,654	26,914,248	1,351	290	1,641	39,376,333	2,111	1,184	3,295
1996	16,100,765	964	697	1,661	25,044,449	1,261	385	1,646	41,145,214	2,225	1,082	3,307
1997	14,964,754	917	770	1,687	25,937,733	1,296	401	1,697	40,902,487	2,213	1,171	3,384
1998	16,490,774	1,062	654	1,716	24,154,823	1,254	457	1,711	40,645,597	2,316	1,111	3,427
1999	13,772,519	905	931	1,836	23,668,366	1,227	617	1,844	37,440,885	2,132	1,548	3,680
2000	13,433,945	849	832	1,681	23,138,232	1,214	456	1,670	36,572,177	2,063	1,288	3,351
2001	10,623,437	746	960	1,706	21,861,460	1,147	536	1,683	32,484,897	1,893	1,496	3,389
2002	11,689,831	766	740	1,506	20,418,339	1,041	469	1,510	32,108,170	1,807	1,209	3,016
2003	11,697,639	725	787	1,512	20,172,827	1,036	479	1,515	31,870,466	1,761	1,266	3,027
2004	12,595,988	806	778	1,584	21,688,828	1,089	512	1,601	34,284,816	1,895	1,290	3,185
2005	12,256,402	793	917	1,710	21,893,152	1,126	607	1,733	34,149,554	1,919	1,524	3,443
2006	13,976,985	862	978	1,840	23,442,679	1,207	626	1,833	37,419,664	2,069	1,604	3,673
2007	10,866,311	714	1,119	1,833	24,069,114	1,266	572	1,838	34,935,425	1,980	1,691	3,671
2008	10,402,209	657	1,092	1,749	23,177,702	1,178	590	1,768	33,579,911	1,835	1,682	3,517
2009	5,900,260	388	1,016	1,404	20,480,199	1,023	372	1,395	26,380,459	1,411	1,388	2,799
2010	7,685,414	549	1,009	1,558	21,497,922	1,085	492	1,577	29,183,336	1,634	1,501	3,135
2011	7,690,451	549	1,101	1,650	21,946,208	1,126	520	1,646	29,636,659	1,675	1,621	3,296
TOTAL	238,005,639	15,483	17,536	33,019	458,803,037	23,715	9,306	33,021	696,808,676	39,198	26,842	66,040

**COMMODITY GROUPS
1992 - 2011**

TABLE W8

WELLAND CANAL SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	12,465,835	37.6	50,591	0.2	14,552,519	43.9	8,874	0.0	6,096,699	18.4	33,174,518
1993	11,255,092	35.4	33,240	0.1	13,507,263	42.5	152	0.0	7,019,272	22.1	31,815,019
1994	13,595,096	34.2	46,833	0.1	16,211,797	40.8	-	-	9,849,363	24.8	39,703,089
1995	14,948,276	38.0	65,505	0.2	16,399,966	41.6	-	-	7,962,586	20.2	39,376,333
1996	12,708,664	30.9	13,061	0.0	18,715,044	45.5	-	-	9,708,445	23.6	41,145,214
1997	13,721,447	33.5	13,964	0.0	18,152,561	44.4	10,073	0.0	9,004,442	22.0	40,902,487
1998	13,144,176	32.3	14,053	0.0	16,345,069	40.2	-	-	11,142,299	27.4	40,645,597
1999	13,577,788	36.3	11,580	0.0	15,195,354	40.6	-	-	8,656,163	23.1	37,440,885
2000	12,875,981	35.2	7,080	0.0	15,324,880	41.9	-	-	8,364,236	22.9	36,572,177
2001	11,645,522	35.8	4,042	0.0	13,287,209	40.9	20,181	0.1	7,527,943	23.2	32,484,897
2002	10,348,562	32.2	5,172	0.0	13,907,368	43.3	89,156	0.3	7,757,912	24.2	32,108,170
2003	9,349,427	29.3	-	-	15,637,122	49.1	70,402	0.2	6,813,515	21.4	31,870,466
2004	9,044,708	26.4	-	-	16,596,194	48.4	51,915	0.2	8,591,999	25.1	34,284,816
2005	9,391,899	27.5	-	-	17,154,098	50.2	105,430	0.3	7,498,127	22.0	34,149,554
2006	10,757,638	28.7	-	-	17,818,154	47.6	49,455	0.1	8,794,417	23.5	37,419,664
2007	9,921,492	28.4	5,239	0.0	17,054,983	48.8	4,908	0.0	7,948,803	22.8	34,935,425
2008	6,848,996	20.4	-	-	20,506,190	61.1	-	-	6,224,725	18.5	33,579,911
2009	7,518,954	28.5	-	-	14,700,836	55.7	-	-	4,160,669	15.8	26,380,459
2010	8,013,820	27.5	-	-	15,887,398	54.4	-	-	5,282,118	18.1	29,183,336
2011	7,539,218	25.4	-	-	15,707,442	53.0	-	-	6,389,999	21.6	29,636,659
TOTAL	218,672,591	31.4	270,360	0.0	322,661,447	46.3	410,546	0.1	154,793,732	22.2	696,808,676

**U.S. GRAINS
1992 - 2011**

TABLE W9

WELLAND CANAL SECTION

YEAR	WHEAT		CORN		RYE & OATS		CANOLA		BARLEY		SOYBEANS		FLAXSEED		ALL OTHER U.S. GRAINS		TOTAL U.S. GRAINS TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	1,586,460	33.0	1,144,250	23.8	-	-	N/A	-	1,052,638	21.9	939,822	19.5	-	-	88,982	1.8	4,812,152
1993	2,087,128	44.7	1,258,032	26.9	-	-	N/A	-	657,582	14.1	611,436	13.1	-	-	57,972	1.2	4,672,150
1994	1,533,046	28.1	1,103,424	20.2	-	-	N/A	-	1,130,725	20.7	1,484,285	27.2	-	-	208,528	3.8	5,460,008
1995	2,971,424	39.9	2,343,895	31.5	1,900	0.0	N/A	-	173,287	2.3	1,624,272	21.8	-	-	331,515	4.5	7,446,293
1996	2,718,233	44.6	1,279,892	21.0	11,777	0.2	N/A	-	54,725	0.9	1,992,116	32.7	-	-	44,246	0.7	6,100,989
1997	1,694,195	36.0	560,724	11.9	-	-	N/A	-	576,832	12.2	1,833,522	38.9	-	-	45,562	1.0	4,710,835
1998	2,063,314	33.1	2,018,736	32.4	-	-	N/A	-	46,303	0.7	1,685,671	27.1	8,856	0.1	406,790	6.5	6,229,670
1999	1,625,184	24.3	2,705,940	40.5	-	-	-	-	42,557	0.6	2,140,080	32.0	-	-	165,111	2.5	6,678,872
2000	2,012,948	33.6	1,763,090	29.4	-	-	43,694	0.7	93,785	1.6	1,894,632	31.6	31,084	0.5	149,299	2.5	5,988,532
2001	2,098,403	38.8	1,444,889	26.7	20,959	0.4	-	-	24,960	0.5	1,568,703	29.0	56,728	1.0	199,541	3.7	5,414,183
2002	1,864,851	40.7	1,003,946	21.9	-	-	-	-	24,451	0.5	1,510,436	33.0	69,736	1.5	105,852	2.3	4,579,272
2003	1,810,637	48.0	885,817	23.5	-	-	-	-	2,213	0.1	901,268	23.9	48,860	1.3	125,065	3.3	3,773,860
2004	1,928,223	50.6	635,111	16.7	-	-	-	-	5,962	0.2	1,039,391	27.3	31,895	0.8	167,431	4.4	3,808,013
2005	2,090,363	51.3	761,437	18.7	-	-	-	-	37,594	0.9	778,751	19.1	93,076	2.3	315,383	7.7	4,076,604
2006	1,296,785	29.6	1,636,069	37.4	-	-	-	-	-	-	1,153,975	26.4	24,953	0.6	265,099	6.1	4,376,881
2007	2,688,049	61.7	751,755	17.3	-	-	-	-	20,917	0.5	626,779	14.4	51,753	1.2	213,960	4.9	4,353,213
2008	777,776	49.8	269,818	17.3	-	-	21,078	1.3	-	-	300,270	19.2	21,112	1.4	172,442	11.0	1,562,496
2009	967,069	41.7	346,831	15.0	-	-	61,785	2.7	-	-	764,078	33.0	14,754	0.6	162,815	7.0	2,317,332
2010	1,901,201	63.6	119,280	4.0	-	-	39,030	1.3	40,739	1.4	654,418	21.9	46,550	1.6	185,773	6.2	2,986,991
2011	974,408	57.6	165,537	9.8	-	-	21,455	1.3	-	-	405,757	24.0	10,507	0.6	114,703	6.8	1,692,367
TOTAL	36,689,697	40.3	22,198,473	24.4	34,636	0.0	187,042	0.2	3,985,270	4.4	23,909,662	26.3	509,864	0.6	3,526,069	3.9	91,040,713

**CANADIAN GRAINS
1992 - 2011**

TABLE W10

WELLAND CANAL SECTION

YEAR	WHEAT		CORN		RYE & OATS		CANOLA		BARLEY		SOYBEANS		FLAXSEED		ALL OTHER CDN. GRAINS		TOTAL CDN. GRAINS TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	6,376,326	83.1	194,648	2.5	8,801	0.1	N/A	-	114,808	1.5	172,710	2.3	151,311	2.0	655,218	8.5	7,673,822
1993	4,813,973	73.9	59,465	0.9	14,278	0.2	N/A	-	38,974	0.6	210,683	3.2	254,058	3.9	1,126,922	17.3	6,518,353
1994	5,114,963	63.0	153,076	1.9	27,355	0.3	N/A	-	140,140	1.7	346,546	4.3	439,356	5.4	1,894,747	23.3	8,116,183
1995	5,184,287	68.9	88,136	1.2	1,330	0.0	N/A	-	32,954	0.4	378,991	5.0	432,596	5.7	1,407,937	18.7	7,526,231
1996	4,363,730	66.2	120,753	1.8	22,400	0.3	N/A	-	366,280	5.6	297,847	4.5	359,269	5.4	1,061,842	16.1	6,592,121
1997	7,136,235	79.5	1,892	0.0	14,956	0.2	N/A	-	130,753	1.5	261,228	2.9	462,489	5.2	966,654	10.8	8,974,207
1998	4,689,907	68.7	18,656	0.3	3,168	0.0	N/A	-	31,946	0.5	220,901	3.2	491,617	7.2	1,366,995	20.0	6,823,190
1999	4,797,664	70.4	321,393	4.7	8,482	0.1	243,358	3.6	83,825	1.2	289,152	4.2	221,353	3.2	846,620	12.4	6,811,847
2000	4,651,847	67.6	114,367	1.7	11,679	0.2	340,413	4.9	-	-	249,090	3.6	458,601	6.7	1,056,880	15.4	6,882,877
2001	4,521,487	72.8	45,687	0.7	9,407	0.2	321,964	5.2	32,908	0.5	207,275	3.3	475,014	7.6	599,127	9.6	6,212,869
2002	4,202,114	74.2	66,033	1.2	23,844	0.4	208,316	3.7	114,193	2.0	335,380	5.9	534,353	9.4	182,046	3.2	5,666,279
2003	4,174,626	75.4	5,399	0.1	42,534	0.8	278,592	5.0	46,615	0.8	302,343	5.5	454,788	8.2	228,150	4.1	5,533,047
2004	3,995,747	76.3	21,119	0.4	-	-	235,670	4.5	-	-	267,713	5.1	350,048	6.7	366,398	7.0	5,236,695
2005	3,754,479	70.6	-	-	14,961	0.3	414,092	7.8	-	-	174,313	3.3	324,783	6.1	632,667	11.9	5,315,295
2006	4,746,558	74.5	31,733	0.5	58,150	0.9	461,209	7.2	9,409	0.1	130,001	2.0	442,759	6.9	495,035	7.8	6,374,854
2007	4,185,531	75.2	67,585	1.2	7,589	0.1	395,103	7.1	14,218	0.3	197,032	3.5	458,821	8.2	242,400	4.4	5,568,279
2008	4,142,230	78.4	50,507	1.0	-	-	293,934	5.6	1,794	0.0	140,627	2.7	438,258	8.3	214,791	4.1	5,282,141
2009	4,243,517	81.6	2,286	0.0	-	-	327,769	6.3	-	-	268,371	5.2	231,182	4.4	128,497	2.5	5,201,622
2010	3,708,664	73.8	80,504	1.6	2,199	0.0	354,376	7.0	1,761	0.0	403,258	8.0	249,718	5.0	226,349	4.5	5,026,829
2011	4,272,918	73.1	42,844	0.7	2,200	0.0	909,984	15.6	-	-	332,420	5.7	88,925	1.5	197,560	3.4	5,846,851
TOTAL	93,076,803	73.2	1,486,083	1.2	273,333	0.2	4,784,780	3.8	1,160,578	0.9	5,185,881	4.1	7,319,299	5.8	13,896,835	10.9	127,183,592

**SELECTED MINING COMMODITIES
1992 - 2011**

TABLE W11

WELLAND CANAL SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		OTHER MINING		TOTAL MINING TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
1992	5,137,176	35.3	745,292	5.1	4,299,855	29.5	145,918	1.0	195,711	1.3	963,437	6.6	1,855,845	12.8	1,209,285	8.3	14,552,519
1993	3,472,603	25.7	809,271	6.0	5,025,280	37.2	171,967	1.3	149,597	1.1	1,378,250	10.2	1,462,920	10.8	1,037,375	7.7	13,507,263
1994	3,641,745	22.5	858,209	5.3	7,346,125	45.3	183,725	1.1	182,157	1.1	1,323,047	8.2	1,761,044	10.9	915,745	5.6	16,211,797
1995	3,998,085	24.4	959,115	5.8	6,328,853	38.6	231,066	1.4	196,903	1.2	1,411,951	8.6	2,309,656	14.1	964,337	5.9	16,399,966
1996	4,503,666	24.1	834,731	4.5	7,977,703	42.6	221,755	1.2	196,424	1.0	1,554,972	8.3	2,439,007	13.0	986,786	5.3	18,715,044
1997	4,613,589	25.4	815,321	4.5	7,882,197	43.4	254,791	1.4	221,370	1.2	1,149,189	6.3	2,339,016	12.9	877,088	4.8	18,152,561
1998	4,631,960	28.3	698,915	4.3	6,514,907	39.9	250,534	1.5	176,521	1.1	1,297,412	7.9	1,976,360	12.1	798,460	4.9	16,345,069
1999	4,518,099	29.7	623,627	4.1	5,822,615	38.3	175,661	1.2	228,871	1.5	859,859	5.7	2,154,900	14.2	811,722	5.3	15,195,354
2000	4,345,503	28.4	964,887	6.3	6,128,438	40.0	161,835	1.1	214,291	1.4	894,193	5.8	1,725,627	11.3	890,106	5.8	15,324,880
2001	4,803,620	36.2	901,018	6.8	3,486,873	26.2	84,269	0.6	204,364	1.5	945,002	7.1	2,149,714	16.2	712,349	5.4	13,287,209
2002	4,114,092	29.6	1,194,300	8.6	5,042,945	36.3	110,613	0.8	181,670	1.3	739,559	5.3	1,888,696	13.6	635,493	4.6	13,907,368
2003	4,196,191	26.8	1,004,157	6.4	6,560,453	42.0	109,485	0.7	210,126	1.3	799,893	5.1	2,070,106	13.2	686,711	4.4	15,637,122
2004	4,230,079	25.5	1,286,492	7.8	6,630,538	40.0	180,934	1.1	195,122	1.2	1,193,515	7.2	2,367,741	14.3	511,773	3.1	16,596,194
2005	3,693,199	21.5	1,346,009	7.8	7,419,461	43.3	128,894	0.8	210,483	1.2	1,213,462	7.1	2,547,366	14.8	595,224	3.5	17,154,098
2006	3,714,491	20.8	1,877,911	10.5	7,191,865	40.4	177,648	1.0	190,485	1.1	1,151,332	6.5	2,891,149	16.2	623,273	3.5	17,818,154
2007	3,159,070	18.5	1,376,874	8.1	8,283,147	48.6	147,736	0.9	138,281	0.8	823,881	4.8	2,479,604	14.5	646,390	3.8	17,054,983
2008	3,631,509	17.7	2,538,277	12.4	9,502,278	46.3	121,479	0.6	159,991	0.8	656,039	3.2	3,053,544	14.9	843,073	4.1	20,506,190
2009	2,852,049	19.4	1,406,990	9.6	6,251,224	42.5	62,556	0.4	76,657	0.5	423,888	2.9	2,939,181	20.0	688,291	4.7	14,700,836
2010	3,670,410	23.1	1,666,050	10.5	7,135,127	44.9	69,279	0.4	113,404	0.7	501,003	3.2	1,981,436	12.5	750,689	4.7	15,887,398
2011	3,739,848	23.8	2,079,628	13.2	5,961,836	38.0	108,199	0.7	108,432	0.7	466,745	3.0	2,569,434	16.4	673,320	4.3	15,707,442
TOTAL	80,666,984	25.0	23,987,074	7.4	130,791,720	40.5	3,098,344	1.0	3,550,860	1.1	19,746,629	6.1	44,962,346	13.9	15,857,490	4.9	322,661,447

**SELECTED PROCESSED COMMODITIES
1992 - 2011**

TABLE W12

WELLAND CANAL SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL (1)		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1992	103,252	1.7	495,897	8.1	500,063	8.2	52,538	0.9	70,105	1.1	2,271,722	37.3	375,451	6.2	375,259	6.2	1,852,412	30.4
1993	35,535	0.5	407,218	5.8	591,409	8.4	56,031	0.8	55,792	0.8	3,120,927	44.5	858,144	12.2	200,666	2.9	1,693,550	24.1
1994	157,505	1.6	697,751	7.1	389,241	4.0	77,896	0.8	81,007	0.8	5,245,524	53.3	1,422,700	14.4	149,454	1.5	1,628,285	16.5
1995	18,033	0.2	605,005	7.6	543,935	6.8	40,335	0.5	132,434	1.7	3,333,160	41.9	1,194,011	15.0	144,127	1.8	1,951,546	24.5
1996	60,862	0.6	615,844	6.3	538,342	5.5	28,800	0.3	162,882	1.7	4,610,328	47.5	1,439,717	14.8	155,838	1.6	2,095,832	21.6
1997	76,415	0.8	634,957	7.1	519,555	5.8	62,988	0.7	128,689	1.4	3,856,640	42.8	1,516,733	16.8	299,133	3.3	1,909,332	21.2
1998	150,900	1.4	613,464	5.5	655,361	5.9	69,849	0.6	266,790	2.4	5,361,673	48.1	1,673,028	15.0	106,380	1.0	2,244,854	20.1
1999	63,662	0.7	474,539	5.5	397,024	4.6	77,394	0.9	225,935	2.6	3,334,738	38.5	1,602,864	18.5	126,082	1.5	2,353,925	27.2
2000	108,365	1.3	354,049	4.2	496,847	5.9	84,646	1.0	202,512	2.4	3,458,677	41.4	1,258,259	15.0	138,016	1.7	2,262,865	27.1
2001	285,450	3.8	492,370	6.5	435,129	5.8	73,898	1.0	199,013	2.6	2,145,531	28.5	1,540,165	20.5	124,709	1.7	2,231,678	29.6
2002	147,641	1.9	293,209	3.8	421,416	5.4	74,087	1.0	229,653	3.0	2,643,181	34.1	1,305,972	16.8	83,128	1.1	2,559,625	33.0
2003	158,411	2.3	570,348	8.4	436,386	6.4	68,800	1.0	177,603	2.6	1,652,648	24.3	1,297,109	19.0	134,222	2.0	2,317,988	34.0
2004	173,561	2.0	600,026	7.0	554,959	6.5	47,589	0.6	162,506	1.9	2,914,863	33.9	1,226,938	14.3	244,612	2.8	2,666,945	31.0
2005	248,352	3.3	667,545	8.9	395,011	5.3	19,181	0.3	177,542	2.4	1,854,248	24.7	1,230,805	16.4	171,761	2.3	2,733,682	36.5
2006	381,603	4.3	776,324	8.8	467,652	5.3	15,283	0.2	233,129	2.7	3,099,721	35.2	1,064,495	12.1	317,236	3.6	2,438,974	27.7
2007	530,160	6.7	1,030,625	13.0	370,354	4.7	15,938	0.2	257,022	3.2	1,918,301	24.1	1,087,934	13.7	311,265	3.9	2,427,204	30.5
2008	507,338	8.2	789,629	12.7	239,492	3.8	15,010	0.2	167,061	2.7	1,202,260	19.3	775,575	12.5	177,685	2.9	2,350,675	37.8
2009	215,424	5.2	640,750	15.4	153,810	3.7	-	-	101,887	2.4	659,314	15.8	660,877	15.9	94,702	2.3	1,633,905	39.3
2010	294,125	5.6	660,930	12.5	239,362	4.5	-	-	254,220	4.8	1,119,501	21.2	859,159	16.3	114,127	2.2	1,740,694	33.0
2011	561,244	8.8	1,214,324	19.0	243,440	3.8	-	-	182,143	2.9	1,115,852	17.5	809,991	12.7	314,413	4.9	1,948,592	30.5
TOTAL	4,277,838	2.8	12,634,804	8.2	8,588,788	5.5	880,263	0.6	3,467,925	2.2	54,918,809	35.5	23,199,927	15.0	3,782,815	2.4	43,042,563	27.8

(1) Includes Steel Slabs.