

*The St. Lawrence  
Seaway*



*2012 Traffic Report*

# **THE ST. LAWRENCE SEAWAY TRAFFIC REPORT 2012 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](http://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 2012 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](http://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**

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## 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:

<b>Bulk Cargo</b>	<i>The tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls</i>
<b>Cargo Tonnes</b>	<i>The tonnes of cargo carried by a vessel on each or any transit.</i>
<b>Coal Cargo</b>	<i>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.</i>
<b>Combined Traffic</b>	<i>Represents total cargo traffic and vessel movements through the St. Lawrence Seaway. It is not the summation of traffic and vessel movements on both sectors. It represents total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.</i>
<b>Commodity</b>	<i>The classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United States.</i>
<b>Container Cargo</b>	<i>The tonnes of cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Destination</b>	<i>The country/port in which the cargo was unloaded.</i>
<b>General Cargo</b>	<i>The tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Government Aid Cargo</b>	<i>The tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Grain Cargo</b>	<i>The tonnes of cargo assessed at the Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Gross Registered Tonnage</b>	<i>The gross registered tonnage of a vessel according to the prescribed rules for measurement under the International Convention on Tonnage Measurement of Ships, 1969.</i>

<b>Mixed Cargo</b>	<i>Indicates that a vessel carried a combination of Bulk, Coal, Grain, Government Aid, Containers, General or Steel Slab cargoes.</i>
<b>Origin</b>	<i>The country/port in which the cargo was loaded.</i>
<b>Passenger</b>	<i>Prior to 2003, in Table S1, the Gross Registered Tonnage for the Passenger Vessels was included in the Non-Cargo Vessels.</i>
<b>Steel Slab Cargo</b>	<i>The tonnes of cargo assessed at the Steel Slab rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Transit</b>	<i>A partial or complete upbound or downbound passage of a ship through one or more locks of a Seaway Canal.</i>
<b>Tug and Barge Combination</b>	<i>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.</i>

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  
2012**

**TABLE S1**

TRAFFIC AND REVENUE	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance 2011%	Tonnes and Transits	% of Total	Variance 2011%	Tonnes and Transits	% of Total	Variance 2011%
<b>Cargo Tonnes by Toll Classification:</b>									
Bulk (1)	24,067,976	61.6	1.7	19,159,043	61.0	7.9	16,714,239	55.8	- 2.9
Coal	4,595,715	11.8	22.9	2,104,952	6.7	83.3	4,557,243	15.2	21.9
Grains	8,619,112	22.1	0.1	8,351,269	26.6	0.8	7,560,197	25.2	0.3
Government Aid	-	-	-	-	-	-	-	-	-
Containers	34,122	0.1	- 7.0	34,122	0.1	- 7.0	2,762	0.0	- 56.7
General Cargo	1,578,012	4.0	11.9	1,578,012	5.0	11.9	1,106,219	3.7	- 2.2
Steel Slabs	160,529	0.4	95.8	160,529	0.5	95.8	39,806	0.1	2,367.8
<b>Total Cargo Tonnes</b>	<b>39,055,466</b>	<b>100.0</b>	<b>4.0</b>	<b>31,387,927</b>	<b>100.0</b>	<b>9.3</b>	<b>29,980,466</b>	<b>100.0</b>	<b>1.2</b>
<b>Gross Registered Tonnage:</b>									
Cargo Vessels	45,759,734	99.1	3.2	35,531,299	99.2	7.5	39,761,654	99.2	4.5
Non-Cargo Vessels	372,706	0.8	3.8	252,853	0.7	6.6	303,702	0.8	6.5
Passengers	31,443	0.1	- 44.3	27,942	0.1	- 43.4	14,084	0.0	- 63.2
<b>Total Gross Registered Tonnage</b>	<b>46,163,883</b>	<b>100.0</b>	<b>3.1</b>	<b>35,812,094</b>	<b>100.0</b>	<b>7.4</b>	<b>40,079,440</b>	<b>100.0</b>	<b>4.4</b>
<b>Vessel Transits:</b>									
Loaded Cargo Vessels	2,266	55.5	0.1	1,841	61.9	4.0	1,670	51.5	- 0.3
Ballast Cargo Vessels	1,076	26.4	- 6.6	697	23.4	- 8.3	1,066	32.9	1.7
Non-Cargo Vessels	741	18.1	- 8.7	437	14.7	- 7.0	507	15.6	- 11.5
<b>Total Vessel Transits</b>	<b>4,083</b>	<b>100.0</b>	<b>- 3.4</b>	<b>2,975</b>	<b>100.0</b>	<b>- 0.8</b>	<b>3,243</b>	<b>100.0</b>	<b>- 1.6</b>
<b>Additional Information:</b>	<b>Number</b>			<b>Number</b>			<b>Number</b>		
Passengers (Number)	2,678	-	- 46.1	1,849	-	- 44.9	1,161	-	- 30.1
Pleasure Craft Lockages	10,997	-	- 3.6	7,421	-	- 7.1	3,576	-	4.7
REVENUE (2)	Revenue	% of Total	Variance 2011%	Revenue	% of Total	Variance 2011%	Revenue	% of Total	Variance 2011%
<b>Traffic Revenue (\$) by Toll Classification</b>	\$			\$			\$		
Bulk (1)	29,429,706	44.3	3.9	18,254,118	57.3	8.5	11,175,588	32.3	- 2.7
Coal	4,078,462	6.1	29.2	1,130,404	3.5	74.4	2,948,058	8.5	17.5
Grains	10,200,171	15.3	0.8	5,089,709	16.0	0.9	5,110,462	14.8	0.7
Government Aid	-	-	-	-	-	-	-	-	-
Containers	19,140	0.0	- 16.2	17,631	0.1	- 8.9	1,510	0.0	- 56.7
General Cargo	4,855,883	7.3	8.7	3,683,387	11.6	12.5	1,172,496	3.4	- 1.8
Steel Slabs	340,648	0.5	98.3	315,592	1.0	85.1	25,055	0.1	1,884.1
Gross Registered Tonnage	9,566,143	14.4	5.7	3,372,991	10.6	7.5	6,193,152	17.9	4.7
Passengers	22,714	0.0	- 28.7	12,205	0.0	- 27.3	10,509	0.0	- 30.3
Lockage Fees	7,952,326	12.0	4.0	-	-	-	7,952,326	23.0	4.0
<b>Total Tolls - Current Shipping Season</b>	<b>66,465,193</b>	<b>100.0</b>	<b>5.5</b>	<b>31,876,037</b>	<b>100.0</b>	<b>9.4</b>	<b>34,589,156</b>	<b>100.0</b>	<b>2.2</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

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

**COMMODITY SUMMARY  
2012**

**TABLE S2**

SUMMARY OF MAJOR COMMODITIES	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance 2011%	Tonnes	% of Total	Variance 2011%	Tonnes	% of Total	Variance 2011%
<b>Agricultural Products:</b>									
Wheat	5,280,668	13.5	- 3.5	5,231,725	16.7	- 3.3	5,221,089	17.4	- 0.5
Corn	131,855	0.3	- 73.0	95,426	0.3	- 74.8	83,711	0.3	- 59.8
Rye	-	-	-	-	-	-	-	-	-
Oats	4,312	0.0	96.0	4,312	0.0	96.0	2,204	0.0	0.2
Barley	-	-	- 100.0	-	-	- 100.0	-	-	-
Soybeans	2,001,250	5.1	53.3	2,001,250	6.4	55.3	1,053,418	3.5	42.7
Flaxseed	46,624	0.1	- 53.1	46,624	0.1	- 53.1	46,624	0.2	- 53.1
Canola (Rapeseed)	785,926	2.0	- 15.6	603,455	1.9	- 23.5	785,926	2.6	- 15.6
Other Grains	368,477	0.9	18.0	368,477	1.2	18.0	367,225	1.2	17.6
<i>Total Grains</i>	8,619,112	22.1	0.1	8,351,269	26.6	0.8	7,560,197	25.2	0.3
Other Agricultural Products	-	-	- 100.0	-	-	- 100.0	-	-	-
<b>Total Agricultural Products</b>	8,619,112	22.1	- 0.2	8,351,269	26.6	0.6	7,560,197	25.2	0.3
<b>Mine Products:</b>									
Iron Ore	10,280,774	26.3	16.3	10,280,774	32.8	25.2	6,264,484	20.9	5.1
Coal	4,595,715	11.8	22.9	2,104,952	6.7	83.3	4,557,243	15.2	21.9
Coke	1,731,639	4.4	- 24.4	1,322,609	4.2	- 8.7	1,334,955	4.5	- 35.8
Stone, Ground, Crushed, or Rough	437,461	1.1	- 6.3	171,944	0.5	- 24.7	437,461	1.5	- 6.3
Salt	2,708,016	6.9	- 2.5	1,397,047	4.5	11.7	2,585,462	8.6	0.6
Other Mine Products	1,516,386	3.9	- 3.3	1,087,286	3.5	- 10.0	895,879	3.0	0.7
<b>Total Mine Products</b>	21,269,991	54.5	8.1	16,364,612	52.1	21.2	16,075,484	53.6	2.3
<b>Processed Products:</b>									
Iron and Steel	1,507,780	3.9	13.6	1,462,297	4.7	10.2	1,089,759	3.6	3.3
Steel Slabs	160,529	0.4	13.8	160,529	0.5	95.8	39,806	0.1	- 34.5
Petroleum Products	2,038,239	5.2	- 16.9	1,969,589	6.3	- 18.4	1,690,652	5.6	- 11.3
Chemicals	823,522	2.1	24.6	793,348	2.5	26.6	289,171	1.0	18.8
Other Processed Products	4,631,728	11.9	- 0.2	2,281,718	7.3	- 7.6	3,235,397	10.8	3.6
<b>Total Processed Products</b>	9,161,798	23.5	- 0.7	6,667,481	21.2	- 3.7	6,344,785	21.2	- 0.7
<b>Miscellaneous Cargo:</b>									
Forest Products	-	-	-	-	-	-	-	-	-
Animal Products	4,565	0.0	-	4,565	0.0	-	-	-	-
<b>Total Miscellaneous Cargo</b>	4,565	0.0	-	4,565	0.0	-	-	-	-
<b>GRAND TOTAL</b>	<b>39,055,466</b>	<b>100.0</b>	<b>4.0</b>	<b>31,387,927</b>	<b>100.0</b>	<b>9.3</b>	<b>29,980,466</b>	<b>100.0</b>	<b>1.2</b>

**ACTUAL OPENING AND CLOSING DATES OF NAVIGATION  
1993 - 2012**

**TABLE S3**

YEAR	MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Opening	Closing	Days of Navigation	Opening	Closing	Days of Navigation
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
2012	March 22	December 29	283	March 22	December 31	285

**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  
2012**

**TABLE C1** **ST. LAWRENCE SEAWAY**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
<b>Ocean:</b> Cargo	242	24	266	4,045,964	1,334,146	-	10,380	-	3,817	1,526,211	160,529	3,035,083	7.8
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	97	16	113	1,073,206	899,303	-	-	-	-	-	-	899,303	2.3
<b>Total Ocean</b>	<b>339</b>	<b>40</b>	<b>379</b>	<b>5,119,170</b>	<b>2,233,449</b>	<b>-</b>	<b>10,380</b>	<b>-</b>	<b>3,817</b>	<b>1,526,211</b>	<b>160,529</b>	<b>3,934,386</b>	<b>10.1</b>
<b>Laker:</b> Cargo	426	507	933	15,642,794	9,203,501	14,501	56,335	-	3,064	-	-	9,277,401	23.8
Barge	88	127	215	1,405,288	857,132	-	4,967	-	-	-	-	862,099	2.2
Tanker	44	82	126	844,298	351,057	-	-	-	-	-	-	351,057	0.9
<b>Total Laker</b>	<b>558</b>	<b>716</b>	<b>1,274</b>	<b>17,892,380</b>	<b>10,411,690</b>	<b>14,501</b>	<b>61,302</b>	<b>-</b>	<b>3,064</b>	<b>-</b>	<b>-</b>	<b>10,490,557</b>	<b>26.9</b>
<b>Non-Cargo</b>	-	367	367	183,146	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	22	5	27	16,036	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>919</b>	<b>1,128</b>	<b>2,047</b>	<b>23,210,732</b>	<b>12,645,139</b>	<b>14,501</b>	<b>71,682</b>	<b>-</b>	<b>6,881</b>	<b>1,526,211</b>	<b>160,529</b>	<b>14,424,943</b>	<b>36.9</b>
<b>DOWNBOUND:</b>													
<b>Ocean:</b> Cargo	204	63	267	4,058,532	722,553	23,189	2,277,587	-	951	48,795	-	3,073,075	7.9
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	65	45	110	1,049,084	502,076	-	-	-	-	-	-	502,076	1.3
<b>Total Ocean</b>	<b>269</b>	<b>108</b>	<b>377</b>	<b>5,107,616</b>	<b>1,224,629</b>	<b>23,189</b>	<b>2,277,587</b>	<b>-</b>	<b>951</b>	<b>48,795</b>	<b>-</b>	<b>3,575,151</b>	<b>9.2</b>
<b>Laker:</b> Cargo	830	91	921	15,411,427	8,494,435	4,544,985	6,236,952	-	26,290	1,195	-	19,303,857	49.4
Barge	138	74	212	1,382,194	901,361	13,040	32,891	-	-	1,811	-	949,103	2.4
Tanker	91	35	126	846,947	802,412	-	-	-	-	-	-	802,412	2.1
<b>Total Laker</b>	<b>1,059</b>	<b>200</b>	<b>1,259</b>	<b>17,640,568</b>	<b>10,198,208</b>	<b>4,558,025</b>	<b>6,269,843</b>	<b>-</b>	<b>26,290</b>	<b>3,006</b>	<b>-</b>	<b>21,055,372</b>	<b>53.9</b>
<b>Non-Cargo</b>	-	374	374	189,560	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	19	7	26	15,407	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>1,347</b>	<b>689</b>	<b>2,036</b>	<b>22,953,151</b>	<b>11,422,837</b>	<b>4,581,214</b>	<b>8,547,430</b>	<b>-</b>	<b>27,241</b>	<b>51,801</b>	<b>-</b>	<b>24,630,523</b>	<b>63.1</b>
<b>TOTALS:</b>													
<b>Ocean:</b> Cargo	446	87	533	8,104,496	2,056,699	23,189	2,287,967	-	4,768	1,575,006	160,529	6,108,158	15.6
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	162	61	223	2,122,290	1,401,379	-	-	-	-	-	-	1,401,379	3.6
<b>Total Ocean</b>	<b>608</b>	<b>148</b>	<b>756</b>	<b>10,226,786</b>	<b>3,458,078</b>	<b>23,189</b>	<b>2,287,967</b>	<b>-</b>	<b>4,768</b>	<b>1,575,006</b>	<b>160,529</b>	<b>7,509,537</b>	<b>19.2</b>
<b>Laker:</b> Cargo	1,256	598	1,854	31,054,221	17,697,936	4,559,486	6,293,287	-	29,354	1,195	-	28,581,258	73.2
Barge	226	201	427	2,787,482	1,758,493	13,040	37,858	-	-	1,811	-	1,811,202	4.6
Tanker	135	117	252	1,691,245	1,153,469	-	-	-	-	-	-	1,153,469	3.0
<b>Total Laker</b>	<b>1,617</b>	<b>916</b>	<b>2,533</b>	<b>35,532,948</b>	<b>20,609,898</b>	<b>4,572,526</b>	<b>6,331,145</b>	<b>-</b>	<b>29,354</b>	<b>3,006</b>	<b>-</b>	<b>31,545,929</b>	<b>80.8</b>
<b>Non-Cargo</b>	-	741	741	372,706	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	41	12	53	31,443	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>2,266</b>	<b>1,817</b>	<b>4,083</b>	<b>46,163,883</b>	<b>24,067,976</b>	<b>4,595,715</b>	<b>8,619,112</b>	<b>-</b>	<b>34,122</b>	<b>1,578,012</b>	<b>160,529</b>	<b>39,055,466</b>	<b>100.0</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO  
2012**

**TABLE C2**

**ST. LAWRENCE SEAWAY**

COMMODITY	CARGO TONNES (1)								% of Total
	Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	
Wheat	-	-	5,280,668	-	-	-	-	5,280,668	13.5
Corn	-	-	131,855	-	-	-	-	131,855	0.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	4,312	-	-	-	-	4,312	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	785,926	-	-	-	-	785,926	2.0
Canola Meal, Pellets	-	-	82,154	-	-	-	-	82,154	0.2
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	2,001,250	-	-	-	-	2,001,250	5.1
Soybean Oil Cake, Meal, Pellets	-	-	108,705	-	-	-	-	108,705	0.3
Beans and Peas	-	-	20,248	-	-	-	-	20,248	0.1
Flaxseed	-	-	46,624	-	-	-	-	46,624	0.1
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	157,370	-	-	-	-	157,370	0.4
<b>Total Agricultural Products</b>	-	-	8,619,112	-	-	-	-	8,619,112	22.1
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	4,565	-	-	-	-	-	-	4,565	0.0
<b>Total Animal Products</b>	4,565	-	-	-	-	-	-	4,565	0.0
Bituminous Coal	-	4,595,715	-	-	-	-	-	4,595,715	11.8
Coke	1,731,639	-	-	-	-	-	-	1,731,639	4.4
Iron Ore	10,280,774	-	-	-	-	-	-	10,280,774	26.3
Aluminum Ore and Concentrates	103,114	-	-	-	-	-	-	103,114	0.3
Clay and Bentonite	79,487	-	-	-	-	-	-	79,487	0.2
Gravel and Sand	160,277	-	-	-	-	-	-	160,277	0.4
Stone	437,461	-	-	-	-	-	-	437,461	1.1
Salt	2,708,016	-	-	-	-	-	-	2,708,016	6.9
Potash	169,917	-	-	-	-	-	-	169,917	0.4
Gypsum	512,093	-	-	-	-	-	-	512,093	1.3
Asphalt	340,695	-	-	-	-	-	-	340,695	0.9
Other Mine Products	150,803	-	-	-	-	-	-	150,803	0.4
<b>Total Mine Products</b>	16,674,276	4,595,715	-	-	-	-	-	21,269,991	54.5
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	-	-	-	-	-	-	-	-	-
<b>Total Forest Products</b>	-	-	-	-	-	-	-	-	-
Gasoline	540,270	-	-	-	-	-	-	540,270	1.4
Fuel Oil	1,087,414	-	-	-	-	-	-	1,087,414	2.8
Other Petroleum Products	410,555	-	-	-	-	-	-	410,555	1.1
Chemicals	823,522	-	-	-	-	-	-	823,522	2.1
Sodium Products	1,998	-	-	-	-	-	-	1,998	0.0
Tar, Pitch and Creosote	131,335	-	-	-	-	-	-	131,335	0.3
Pig Iron	178,685	-	-	-	-	-	-	178,685	0.5
Iron and Steel	48,123	-	-	-	-	1,459,657	-	1,507,780	3.9
Steel Slabs	-	-	-	-	-	-	160,529	160,529	0.4
Machinery and Machines	3,790	-	-	-	747	17,698	-	22,235	0.1
Cement	964,865	-	-	-	-	-	-	964,865	2.5
Cement Clinkers	656,883	-	-	-	-	-	-	656,883	1.7
Woodpulp	31,179	-	-	-	-	-	-	31,179	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	629,286	-	-	-	-	-	-	629,286	1.6
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	976,865	-	-	-	-	-	-	976,865	2.5
Scrap Iron and Steel	230,428	-	-	-	-	-	-	230,428	0.6
Other Manufactures and Misc. (2)	673,937	-	-	-	33,375	100,657	-	807,969	2.1
<b>Total Manufactures and Misc.</b>	7,389,135	-	-	-	34,122	1,578,012	160,529	9,161,798	23.5
<b>GRAND TOTAL</b>	<b>24,067,976</b>	<b>4,595,715</b>	<b>8,619,112</b>	<b>-</b>	<b>34,122</b>	<b>1,578,012</b>	<b>160,529</b>	<b>39,055,466</b>	<b>100.0</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2012**

TABLE C3 - Part A

ST. LAWRENCE SEAWAY

NO.	COMMODITY	from:		UPBOUND TONNES				TOTAL UPBOUND	% OF TOTAL UP-BOUND		
		to:		CANADA		UNITED STATES				FOREIGN	
		Canada	United States	Canada	United States	Canada	United States				
1	Wheat	13,166	16,909	-	-	-	-	30,075	0.2		
2	Corn	1,674	29,553	-	-	-	-	31,227	0.2		
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	-	-	-	-	-	10,380	10,380	0.1		
15	<b>Total Agricultural Products</b>	14,840	46,462	-	-	-	10,380	71,682	0.5		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	<b>Total Animal Products</b>	-	-	-	-	-	-	-	-		
20	Bituminous Coal	14,501	-	-	-	-	-	14,501	0.1		
21	Coke	18,083	17,647	39,533	-	-	-	75,263	0.5		
22	Iron Ore	4,016,290	2,848,188	-	-	21,396	-	6,885,874	47.7		
23	Aluminum Ore and Concentrates	-	80,970	-	-	22,144	-	103,114	0.7		
24	Clay and Bentonite	-	-	-	-	-	15,516	15,516	0.1		
25	Gravel and Sand	-	-	-	-	-	-	-	-		
26	Stone	3,858	14,692	-	-	-	-	18,550	0.1		
27	Salt	95,317	-	-	-	-	-	95,317	0.7		
28	Potash	-	-	-	-	-	-	-	-		
29	Gypsum	479,776	32,317	-	-	-	-	512,093	3.6		
30	Asphalt	3,009	5,662	-	-	-	-	8,671	0.1		
31	Other Mine Products	91,286	-	-	-	59,517	-	150,803	1.0		
32	<b>Total Mine Products</b>	4,722,120	2,999,476	39,533	-	103,057	15,516	7,879,702	54.6		
33	Lumber	-	-	-	-	-	-	-	-		
34	Other Forest Products	-	-	-	-	-	-	-	-		
35	<b>Total Forest Products</b>	-	-	-	-	-	-	-	-		
36	Gasoline	272,882	-	114,564	-	70,122	-	457,568	3.2		
37	Fuel Oil	40,628	-	40,038	-	-	-	80,666	0.6		
38	Other Petroleum Products	-	-	35,609	-	10,008	-	45,617	0.3		
39	Chemicals	2,918	-	47,912	-	490,559	75,016	616,405	4.3		
40	Sodium Products	-	-	-	-	1,998	-	1,998	0.0		
41	Tar, Pitch and Creosote	-	-	-	-	76,460	-	76,460	0.5		
42	Pig Iron	3,651	119,739	-	-	-	55,295	178,685	1.2		
43	Iron and Steel	2,194	5,551	-	-	528,400	902,054	1,438,199	10.0		
44	Steel Slabs	-	-	-	-	120,854	39,675	160,529	1.1		
45	Machinery and Machines	631	703	-	-	2,566	9,207	13,107	0.1		
46	Cement	95,480	801,085	-	-	-	-	896,565	6.2		
47	Cement Clinkers	-	656,883	-	-	-	-	656,883	4.6		
48	Woodpulp	-	-	-	-	-	-	-	-		
49	Newsprint and Paper Products	-	-	-	-	-	-	-	-		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	-	-	-	-	629,286	-	629,286	4.4		
52	Food Products	-	-	-	-	-	-	-	-		
53	Furnace Slags	55,274	296,442	-	-	-	105,193	456,909	3.2		
54	Scrap Iron and Steel	14,070	105,286	-	-	-	-	119,356	0.8		
55	Other Manufactures and Misc. (1)	50,608	176,831	28,426	465	291,622	97,374	645,326	4.5		
56	<b>Total Manufactures and Misc.</b>	538,336	2,162,520	266,549	465	2,221,875	1,283,814	6,473,559	44.9		
57	<b>GRAND TOTAL</b>	5,275,296	5,208,458	306,082	465	2,324,932	1,309,710	14,424,943	100.0		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2012**

**TABLE C3 - Part B**

**ST. LAWRENCE SEAWAY**

		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	
		4,314,737	-	455,961	17,755	-	462,140	5,250,593	21.3	5,280,668	13.5	1
		37,051	-	22,131	41,446	-	-	100,628	0.4	131,855	0.3	2
		-	-	-	-	-	-	-	-	-	-	3
		-	-	4,312	-	-	-	4,312	0.0	4,312	0.0	4
		-	-	-	-	-	-	-	-	-	-	5
		455,794	-	289,537	-	-	40,595	785,926	3.2	785,926	2.0	6
		-	-	82,154	-	-	-	82,154	0.3	82,154	0.2	7
		-	-	-	-	-	-	-	-	-	-	8
		944,202	-	347,414	436,892	-	272,742	2,001,250	8.1	2,001,250	5.1	9
		15,548	-	93,157	-	-	-	108,705	0.4	108,705	0.3	10
		-	-	20,248	-	-	-	20,248	0.1	20,248	0.1	11
		-	-	36,031	-	-	10,593	46,624	0.2	46,624	0.1	12
		-	-	-	-	-	-	-	-	-	-	13
		5,166	-	41,970	1,252	-	98,602	146,990	0.6	157,370	0.4	14
		5,772,498	-	1,392,915	497,345	-	884,672	8,547,430	34.7	8,619,112	22.1	15
		-	-	-	-	-	-	-	-	-	-	16
		-	-	-	-	-	-	-	-	-	-	17
		-	-	4,565	-	-	-	4,565	0.0	4,565	0.0	18
		-	-	4,565	-	-	-	4,565	0.0	4,565	0.0	19
		315,199	-	-	4,242,826	-	23,189	4,581,214	18.6	4,595,715	11.8	20
		106,108	357,501	74,451	1,019,535	-	98,781	1,656,376	6.7	1,731,639	4.4	21
		59,539	-	-	3,335,361	-	-	3,394,900	13.8	10,280,774	26.3	22
		-	-	-	-	-	-	-	-	103,114	0.3	23
		-	-	-	27,479	-	36,492	63,971	0.3	79,487	0.2	24
		-	-	-	160,277	-	-	160,277	0.7	160,277	0.4	25
		418,911	-	-	-	-	-	418,911	1.7	437,461	1.1	26
		2,053,566	75,171	-	455,727	28,235	-	2,612,699	10.6	2,708,016	6.9	27
		93,225	25,485	51,207	-	-	-	169,917	0.7	169,917	0.4	28
		-	-	-	-	-	-	-	-	512,093	1.3	29
		124,049	-	-	207,975	-	-	332,024	1.3	340,695	0.9	30
		-	-	-	-	-	-	-	-	150,803	0.4	31
		3,170,597	458,157	125,658	9,449,180	28,235	158,462	13,390,289	54.4	21,269,991	54.5	32
		-	-	-	-	-	-	-	-	-	-	33
		-	-	-	-	-	-	-	-	-	-	34
		-	-	-	-	-	-	-	-	-	-	35
		53,344	22,350	-	7,008	-	-	82,702	0.3	540,270	1.4	36
		864,387	108,018	34,343	-	-	-	1,006,748	4.1	1,087,414	2.8	37
		101,079	125,689	69,187	68,983	-	-	364,938	1.5	410,555	1.1	38
		26,798	75,977	43,570	60,772	-	-	207,117	0.8	823,522	2.1	39
		-	-	-	-	-	-	-	-	1,998	0.0	40
		49,549	-	-	5,326	-	-	54,875	0.2	131,335	0.3	41
		-	-	-	-	-	-	-	-	178,685	0.5	42
		40,378	-	10,198	64	-	18,941	69,581	0.3	1,507,780	3.9	43
		-	-	-	-	-	-	-	-	160,529	0.4	44
		-	-	1,692	2,456	-	4,980	9,128	0.0	22,235	0.1	45
		68,300	-	-	-	-	-	68,300	0.3	964,865	2.5	46
		-	-	-	-	-	-	-	-	656,883	1.7	47
		-	-	8,794	-	-	22,385	31,179	0.1	31,179	0.1	48
		-	-	-	-	-	-	-	-	-	-	49
		-	-	-	-	-	-	-	-	-	-	50
		-	-	-	-	-	-	-	-	629,286	1.6	51
		-	-	-	-	-	-	-	-	-	-	52
		519,956	-	-	-	-	-	519,956	2.1	976,865	2.5	53
		75,906	-	35,166	-	-	-	111,072	0.5	230,428	0.6	54
		94,753	1,084	8,367	52,233	159	6,047	162,643	0.7	807,969	2.1	55
		1,894,450	333,118	211,317	196,842	159	52,353	2,688,239	10.9	9,161,798	23.5	56
		10,837,545	791,275	1,734,455	10,143,367	28,394	1,095,487	24,630,523	100.0	39,055,466	100.0	57



**TRAFFIC BY MAJOR 25 CANADIAN PORTS  
2012**

**TABLE C4**

**ST. LAWRENCE SEAWAY**

PORT OR AREA (2)	SHIP-MENTS	CARGO TONNES (1) (3)								
		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
<b>INBOUND:</b>										
Hamilton	502	5,316,165	2,414,902	209,005	-	749	158,121	120,723	8,219,665	15.6
Quebec City	270	3,586,901	1,438,533	1,361,531	-	-	-	-	6,386,965	12.1
Montreal	138	1,058,433	-	867,441	-	-	-	-	1,925,874	3.7
Baie Comeau	72	911	-	1,828,686	-	-	-	-	1,829,597	3.5
Toronto	55	1,106,931	-	-	-	-	-	-	1,106,931	2.1
Cote Ste Catherine	78	756,081	59,408	-	-	2,029	2,164	-	819,682	1.6
Clarkson/Mississauga	56	792,701	-	-	-	-	-	-	792,701	1.5
Port Cartier	35	250,602	-	524,832	-	-	-	-	775,434	1.5
Tracy/Sorel	66	253,328	-	493,933	-	-	-	-	747,261	1.4
Becancour	32	430,753	13,040	246,419	-	-	-	-	690,212	1.3
Trois Rivieres	49	49,655	70,488	545,863	-	-	-	-	666,006	1.3
Belledune	20	159,385	348,425	-	-	-	-	-	507,810	1.0
Oshawa	54	231,248	-	-	-	-	247,167	-	478,415	0.9
Bowmanville	17	343,794	36,436	-	-	-	-	-	380,230	0.7
Johnstown	14	320,903	-	-	-	-	-	-	320,903	0.6
Valleyfield	71	291,132	-	-	-	1,035	11,485	-	303,652	0.6
Sydney	11	151,646	101,062	-	-	-	-	-	252,708	0.5
Windsor	51	217,671	-	-	-	-	32,983	131	250,785	0.5
Nanticoke	28	226,980	-	-	-	-	-	-	226,980	0.4
Bath	12	187,832	-	-	-	-	-	-	187,832	0.4
Halifax	10	33,429	-	153,028	-	-	-	-	186,457	0.4
Sarnia	21	176,406	-	-	-	-	-	-	176,406	0.3
Sault Ste. Marie	14	82,470	-	-	-	-	90,157	-	172,627	0.3
Pointe Noire	6	165,976	-	-	-	-	-	-	165,976	0.3
Oakville	29	165,860	-	-	-	-	-	-	165,860	0.3
Other Canada	221	964,375	90,232	53,945	-	26,370	15,331	-	1,150,253	2.2
<b>Total Inbound</b>	<b>1,932</b>	<b>17,321,568</b>	<b>4,572,526</b>	<b>6,284,683</b>	<b>-</b>	<b>30,183</b>	<b>557,408</b>	<b>120,854</b>	<b>28,887,222</b>	<b>54.8</b>
<b>OUTBOUND:</b>										
Thunder Bay	291	223,356	291,228	5,499,504	-	-	-	-	6,014,088	11.4
Port Cartier	137	3,672,681	-	-	-	-	-	-	3,672,681	7.0
Sept-Iles	114	2,266,783	-	-	-	-	-	-	2,266,783	4.3
Hamilton	128	848,757	-	950,887	-	165	19,066	-	1,818,875	3.4
Goderich	76	1,232,372	-	145,591	-	-	-	-	1,377,963	2.6
Sarnia	139	1,020,205	-	318,401	-	-	-	-	1,338,606	2.5
Bowmanville	88	1,106,511	-	-	-	-	-	-	1,106,511	2.1
Nanticoke	77	1,013,576	-	-	-	-	-	-	1,013,576	1.9
Windsor	51	874,371	-	128,298	-	-	-	-	1,002,669	1.9
Quebec City	38	689,328	14,501	-	-	-	-	-	703,829	1.3
Pointe Noire	25	651,482	-	-	-	-	-	-	651,482	1.2
Clarkson/Mississauga	55	304,636	-	-	-	-	-	-	304,636	0.6
Tracy/Sorel	52	275,628	-	-	-	-	-	-	275,628	0.5
Little Narrows	12	248,722	-	-	-	-	-	-	248,722	0.5
Halifax	11	229,631	-	-	-	-	-	-	229,631	0.4
Picton	61	215,164	-	-	-	-	-	-	215,164	0.4
Sault Ste. Marie	24	204,442	-	-	-	-	-	-	204,442	0.4
Port Colborne	9	189,144	-	7,675	-	-	-	-	196,819	0.4
Meldrum Bay	6	168,086	-	-	-	-	-	-	168,086	0.3
Prescott	14	14,692	23,971	127,750	-	-	-	-	166,413	0.3
Montreal	29	165,307	-	-	-	-	-	-	165,307	0.3
Bath	17	98,903	-	-	-	-	-	-	98,903	0.2
Magdalen Islands	5	96,158	-	-	-	-	-	-	96,158	0.2
Cote Ste Catherine	59	80,065	-	-	-	13,572	221	-	93,858	0.2
Bruce Mines	5	89,344	-	-	-	-	-	-	89,344	0.2
Other Canada	143	260,575	-	48,609	-	16,089	1,582	-	326,855	0.6
<b>Total Outbound</b>	<b>1,666</b>	<b>16,239,919</b>	<b>329,700</b>	<b>7,226,715</b>	<b>-</b>	<b>29,826</b>	<b>20,869</b>	<b>-</b>	<b>23,847,029</b>	<b>45.2</b>

(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.

(3) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

**TRAFFIC BY MAJOR 25 UNITED STATES PORTS  
2012**

**TABLE C5**

**ST. LAWRENCE SEAWAY**

PORT OR AREA (2)	SHIP- MENTS	CARGO TONNES (1) (3)								
		Bulk	Coal	Grains	Govt. Aid	Con- tainers	General	Steel Slabs	Total	%
<b>INBOUND:</b>										
Toledo	109	1,935,444	-	36,640	-	-	-	-	1,972,084	10.4
Detroit	135	770,990	-	-	-	-	133,454	225	904,669	4.8
Cleveland	200	481,755	-	-	-	-	341,554	438	823,747	4.4
Burns Harbour	60	681,226	-	-	-	-	103,508	-	784,734	4.1
Ashtabula	37	774,938	-	-	-	-	-	-	774,938	4.1
Chicago	163	95,970	-	-	-	-	231,744	39,012	366,726	1.9
Mobile	18	340,078	-	-	-	-	716	-	340,794	1.8
Duluth	37	148,474	-	-	-	2,242	20,729	-	171,445	0.9
Indiana Harbour	6	165,472	-	-	-	-	-	-	165,472	0.9
Gulf	20	132,886	-	-	-	-	-	-	132,886	0.7
New York City	14	131,094	-	-	-	-	368	-	131,462	0.7
Oswego	20	122,610	-	3,293	-	-	-	-	125,903	0.7
Ogdensburg	19	78,073	-	-	-	746	29,977	-	108,796	0.6
Milwaukee	79	-	-	-	-	-	98,150	-	98,150	0.5
Buffalo	15	79,925	-	16,909	-	-	-	-	96,834	0.5
Essexville	8	41,046	-	-	-	-	-	-	41,046	0.2
Marinette	9	35,483	-	-	-	-	-	-	35,483	0.2
Lake Michigan	2	32,317	-	-	-	-	-	-	32,317	0.2
East Coast	3	30,452	-	-	-	-	-	-	30,452	0.2
Gary	1	28,640	-	-	-	-	-	-	28,640	0.2
Conneaut	1	28,131	-	-	-	-	-	-	28,131	0.1
Bayonne	3	26,320	-	-	-	-	-	-	26,320	0.1
Lake Huron	2	23,948	-	-	-	-	-	-	23,948	0.1
Green Bay	9	18,741	-	-	-	-	503	-	19,244	0.1
Charlestown	1	17,423	-	-	-	-	-	-	17,423	0.1
Other U.S. Ports	20	46,031	-	-	-	-	10,627	-	56,658	0.3
<b>Total Inbound</b>	<b>991</b>	<b>6,267,467</b>	<b>-</b>	<b>56,842</b>	<b>-</b>	<b>2,988</b>	<b>971,330</b>	<b>39,675</b>	<b>7,338,302</b>	<b>38.8</b>
<b>OUTBOUND:</b>										
Superior	96	825,059	1,618,044	39,915	-	-	-	-	2,483,018	13.1
Duluth	101	1,154,055	50,718	572,015	-	-	930	-	1,777,718	9.4
Toledo	67	142,931	602,672	713,654	-	-	1,108	-	1,460,365	7.7
Sandusky	50	-	1,287,066	-	-	-	-	-	1,287,066	6.8
Chicago	38	794,078	14,750	8,886	-	-	5,148	-	822,862	4.4
Silver Bay	28	735,193	-	-	-	-	-	-	735,193	3.9
Ashtabula	24	-	671,860	-	-	-	-	-	671,860	3.6
Two Harbours	22	578,039	-	-	-	-	-	-	578,039	3.1
Cleveland	32	416,217	-	-	-	53	9,856	-	426,126	2.3
Detroit	39	276,113	-	-	-	387	1,611	-	278,111	1.5
Lake Michigan	7	133,067	-	-	-	-	-	-	133,067	0.7
Burns Harbour	6	87,691	-	-	-	-	6,977	-	94,668	0.5
Gulf	11	81,255	-	-	-	749	7,872	-	89,876	0.5
Buffalo	4	78,696	-	-	-	-	-	-	78,696	0.4
Green Bay	9	68,983	-	-	-	-	-	-	68,983	0.4
Ecorse	3	68,358	-	-	-	-	-	-	68,358	0.4
Conneaut	3	45,534	20,905	-	-	-	-	-	66,439	0.4
Carteret	7	63,227	-	-	-	-	-	-	63,227	0.3
Ludington	10	60,772	-	-	-	-	-	-	60,772	0.3
New York City	6	53,602	-	-	-	-	-	-	53,602	0.3
Lorain	2	51,490	-	-	-	-	-	-	51,490	0.3
Milwaukee	9	2,520	-	40,146	-	-	2,929	-	45,595	0.2
Sparrows Point	2	39,533	-	-	-	-	-	-	39,533	0.2
Bayonne	4	33,302	-	-	-	-	-	-	33,302	0.2
Fairport Harbour	3	27,210	-	-	-	-	-	-	27,210	0.1
Other U.S. Ports	33	68,448	-	7,401	-	39	2,731	-	78,619	0.4
<b>Total Outbound</b>	<b>616</b>	<b>5,885,373</b>	<b>4,266,015</b>	<b>1,382,017</b>	<b>-</b>	<b>1,228</b>	<b>39,162</b>	<b>-</b>	<b>11,573,795</b>	<b>61.2</b>

(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.

(3) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

**TRAFFIC RESULTS  
1993 - 2012**

**TABLE C6**

**ST. LAWRENCE SEAWAY**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2012	2,047	2,036	4,083	14,424,943	24,630,523	39,055,466	23,210,732	22,953,151	46,163,883
<b>TOTAL</b>	<b>41,757</b>	<b>40,415</b>	<b>82,172</b>	<b>390,013,110</b>	<b>477,990,052</b>	<b>868,003,162</b>	<b>456,369,483</b>	<b>448,507,097</b>	<b>904,876,580</b>

**CARGO BY TARIFF CLASSIFICATION  
1993 - 2012**

**TABLE C7**

**ST. LAWRENCE SEAWAY**

YEAR	BULK (1)		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL		STEEL SLABS		TOTAL
	Tonnes	%	TONNES	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	TONNES
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
2012	24,067,976	61.6	4,595,715	11.8	8,619,112	22.1	-	-	34,122	0.1	1,578,012	4.0	160,529	0.4	39,055,466
<b>TOTAL</b>	<b>513,667,059</b>	<b>59.2</b>	<b>55,320,264</b>	<b>6.4</b>	<b>222,764,520</b>	<b>25.7</b>	<b>311,536</b>	<b>0.0</b>	<b>438,550</b>	<b>0.1</b>	<b>69,846,516</b>	<b>8.0</b>	<b>5,654,717</b>	<b>0.7</b>	<b>868,003,162</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition to domestic in the Tariff of Tolls.

**PART III**

**ST. LAWRENCE SEAWAY**

**TOLL TRAFFIC**

**FOR THE**

**MONTREAL - LAKE ONTARIO SECTION**

**TRAFFIC BY CLASS AND TYPE OF VESSEL  
2012**

**TABLE M1**

**MONTREAL-LAKE ONTARIO SECTION**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
<b>Ocean:</b> Cargo	242	24	266	4,045,964	1,334,146	-	10,380	-	3,817	1,526,211	160,529	3,035,083	9.7
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	97	15	112	1,061,544	899,303	-	-	-	-	-	-	899,303	2.9
<b>Total Ocean</b>	<b>339</b>	<b>39</b>	<b>378</b>	<b>5,107,508</b>	<b>2,233,449</b>	<b>-</b>	<b>10,380</b>	<b>-</b>	<b>3,817</b>	<b>1,526,211</b>	<b>160,529</b>	<b>3,934,386</b>	<b>12.5</b>
<b>Laker:</b> Cargo	335	300	635	11,237,833	7,891,290	14,501	7,666	-	3,064	-	-	7,916,521	25.2
Barge	40	74	114	629,054	259,614	-	4,967	-	-	-	-	264,581	0.8
Tanker	43	77	120	806,606	342,145	-	-	-	-	-	-	342,145	1.1
<b>Total Laker</b>	<b>418</b>	<b>451</b>	<b>869</b>	<b>12,673,493</b>	<b>8,493,049</b>	<b>14,501</b>	<b>12,633</b>	<b>-</b>	<b>3,064</b>	<b>-</b>	<b>-</b>	<b>8,523,247</b>	<b>27.2</b>
<b>Non-Cargo</b>	-	213	213	122,024	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	18	6	24	14,040	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>775</b>	<b>709</b>	<b>1,484</b>	<b>17,917,065</b>	<b>10,726,498</b>	<b>14,501</b>	<b>23,013</b>	<b>-</b>	<b>6,881</b>	<b>1,526,211</b>	<b>160,529</b>	<b>12,457,633</b>	<b>39.7</b>
<b>DOWNBOUND:</b>													
<b>Ocean:</b> Cargo	204	63	267	4,058,532	722,553	23,189	2,277,587	-	951	48,795	-	3,073,075	9.8
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	65	44	109	1,036,329	502,076	-	-	-	-	-	-	502,076	1.6
<b>Total Ocean</b>	<b>269</b>	<b>107</b>	<b>376</b>	<b>5,094,861</b>	<b>1,224,629</b>	<b>23,189</b>	<b>2,277,587</b>	<b>-</b>	<b>951</b>	<b>48,795</b>	<b>-</b>	<b>3,575,151</b>	<b>11.4</b>
<b>Laker:</b> Cargo	608	26	634	11,216,351	6,017,919	2,054,222	6,017,778	-	26,290	1,195	-	14,117,404	45.0
Barge	88	26	114	629,831	447,323	13,040	32,891	-	-	1,811	-	495,065	1.6
Tanker	84	36	120	809,255	742,674	-	-	-	-	-	-	742,674	2.4
<b>Total Laker</b>	<b>780</b>	<b>88</b>	<b>868</b>	<b>12,655,437</b>	<b>7,207,916</b>	<b>2,067,262</b>	<b>6,050,669</b>	<b>-</b>	<b>26,290</b>	<b>3,006</b>	<b>-</b>	<b>15,355,143</b>	<b>48.9</b>
<b>Non-Cargo</b>	-	224	224	130,829	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	17	6	23	13,902	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>1,066</b>	<b>425</b>	<b>1,491</b>	<b>17,895,029</b>	<b>8,432,545</b>	<b>2,090,451</b>	<b>8,328,256</b>	<b>-</b>	<b>27,241</b>	<b>51,801</b>	<b>-</b>	<b>18,930,294</b>	<b>60.3</b>
<b>TOTALS:</b>													
<b>Ocean:</b> Cargo	446	87	533	8,104,496	2,056,699	23,189	2,287,967	-	4,768	1,575,006	160,529	6,108,158	19.5
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	162	59	221	2,097,873	1,401,379	-	-	-	-	-	-	1,401,379	4.5
<b>Total Ocean</b>	<b>608</b>	<b>146</b>	<b>754</b>	<b>10,202,369</b>	<b>3,458,078</b>	<b>23,189</b>	<b>2,287,967</b>	<b>-</b>	<b>4,768</b>	<b>1,575,006</b>	<b>160,529</b>	<b>7,509,537</b>	<b>23.9</b>
<b>Laker:</b> Cargo	943	326	1,269	22,454,184	13,909,209	2,068,723	6,025,444	-	29,354	1,195	-	22,033,925	70.2
Barge	128	100	228	1,258,885	706,937	13,040	37,858	-	-	1,811	-	759,646	2.4
Tanker	127	113	240	1,615,861	1,084,819	-	-	-	-	-	-	1,084,819	3.5
<b>Total Laker</b>	<b>1,198</b>	<b>539</b>	<b>1,737</b>	<b>25,328,930</b>	<b>15,700,965</b>	<b>2,081,763</b>	<b>6,063,302</b>	<b>-</b>	<b>29,354</b>	<b>3,006</b>	<b>-</b>	<b>23,878,390</b>	<b>76.1</b>
<b>Non-Cargo</b>	-	437	437	252,853	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	35	12	47	27,942	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,841</b>	<b>1,134</b>	<b>2,975</b>	<b>35,812,094</b>	<b>19,159,043</b>	<b>2,104,952</b>	<b>8,351,269</b>	<b>-</b>	<b>34,122</b>	<b>1,578,012</b>	<b>160,529</b>	<b>31,387,927</b>	<b>100.0</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO  
2012**

**TABLE M2**

**MONTREAL-LAKE ONTARIO SECTION**

COMMODITY	CARGO TONNES (1)								% of Total
	Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	
Wheat	-	-	5,231,725	-	-	-	-	5,231,725	16.7
Corn	-	-	95,426	-	-	-	-	95,426	0.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	4,312	-	-	-	-	4,312	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	603,455	-	-	-	-	603,455	1.9
Canola Meal, Pellets	-	-	82,154	-	-	-	-	82,154	0.3
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	2,001,250	-	-	-	-	2,001,250	6.4
Soybean Oil Cake, Meal, Pellets	-	-	108,705	-	-	-	-	108,705	0.3
Beans and Peas	-	-	20,248	-	-	-	-	20,248	0.1
Flaxseed	-	-	46,624	-	-	-	-	46,624	0.1
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	157,370	-	-	-	-	157,370	0.5
<b>Total Agricultural Products</b>	-	-	8,351,269	-	-	-	-	8,351,269	26.6
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	4,565	-	-	-	-	-	-	4,565	0.0
<b>Total Animal Products</b>	4,565	-	-	-	-	-	-	4,565	0.0
Bituminous Coal	-	2,104,952	-	-	-	-	-	2,104,952	6.7
Coke	1,322,609	-	-	-	-	-	-	1,322,609	4.2
Iron Ore	10,280,774	-	-	-	-	-	-	10,280,774	32.8
Aluminum Ore and Concentrates	103,114	-	-	-	-	-	-	103,114	0.3
Clay and Bentonite	79,487	-	-	-	-	-	-	79,487	0.3
Gravel and Sand	-	-	-	-	-	-	-	-	-
Stone	171,944	-	-	-	-	-	-	171,944	0.5
Salt	1,397,047	-	-	-	-	-	-	1,397,047	4.5
Potash	102,454	-	-	-	-	-	-	102,454	0.3
Gypsum	512,093	-	-	-	-	-	-	512,093	1.6
Asphalt	139,335	-	-	-	-	-	-	139,335	0.4
Other Mine Products	150,803	-	-	-	-	-	-	150,803	0.5
<b>Total Mine Products</b>	14,259,660	2,104,952	-	-	-	-	-	16,364,612	52.1
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	-	-	-	-	-	-	-	-	-
<b>Total Forest Products</b>	-	-	-	-	-	-	-	-	-
Gasoline	496,004	-	-	-	-	-	-	496,004	1.6
Fuel Oil	1,063,030	-	-	-	-	-	-	1,063,030	3.4
Other Petroleum Products	410,555	-	-	-	-	-	-	410,555	1.3
Chemicals	793,348	-	-	-	-	-	-	793,348	2.5
Sodium Products	1,998	-	-	-	-	-	-	1,998	0.0
Tar, Pitch and Creosote	76,460	-	-	-	-	-	-	76,460	0.2
Pig Iron	178,685	-	-	-	-	-	-	178,685	0.6
Iron and Steel	2,640	-	-	-	-	1,459,657	-	1,462,297	4.7
Steel Slabs	-	-	-	-	-	-	160,529	160,529	0.5
Machinery and Machines	2,562	-	-	-	747	17,698	-	21,007	0.1
Cement	68,300	-	-	-	-	-	-	68,300	0.2
Cement Clinkers	-	-	-	-	-	-	-	-	-
Woodpulp	31,179	-	-	-	-	-	-	31,179	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	629,286	-	-	-	-	-	-	629,286	2.0
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	333,973	-	-	-	-	-	-	333,973	1.1
Scrap Iron and Steel	134,785	-	-	-	-	-	-	134,785	0.4
Other Manufactures and Misc. (2)	672,013	-	-	-	33,375	100,657	-	806,045	2.6
<b>Total Manufactures and Misc.</b>	4,894,818	-	-	-	34,122	1,578,012	160,529	6,667,481	21.2
<b>GRAND TOTAL</b>	<b>19,159,043</b>	<b>2,104,952</b>	<b>8,351,269</b>	<b>-</b>	<b>34,122</b>	<b>1,578,012</b>	<b>160,529</b>	<b>31,387,927</b>	<b>100.0</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2012**

**TABLE M3 - Part A**

**MONTREAL-LAKE ONTARIO SECTION**

NO.	COMMODITY	from:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UPBOUND
			CANADA		UNITED STATES		FOREIGN			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		7,666	-	-	-	-	-	7,666	0.1
2	Corn		1,674	3,293	-	-	-	-	4,967	0.0
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		-	-	-	-	10,380	-	10,380	0.1
15	<b>Total Agricultural Products</b>		9,340	3,293	-	-	-	10,380	23,013	0.2
16	Packing House Products, Edible		-	-	-	-	-	-	-	-
17	Hides, Skins, Pelts, Wool		-	-	-	-	-	-	-	-
18	Other Animal Products		-	-	-	-	-	-	-	-
19	<b>Total Animal Products</b>		-	-	-	-	-	-	-	-
20	Bituminous Coal		14,501	-	-	-	-	-	14,501	0.1
21	Coke		-	-	39,533	-	-	-	39,533	0.3
22	Iron Ore		4,016,290	2,848,188	-	-	21,396	-	6,885,874	55.3
23	Aluminum Ore and Concentrates		-	80,970	-	-	22,144	-	103,114	0.8
24	Clay and Bentonite		-	-	-	-	-	15,516	15,516	0.1
25	Gravel and Sand		-	-	-	-	-	-	-	-
26	Stone		3,858	-	-	-	-	-	3,858	0.0
27	Salt		95,317	-	-	-	-	-	95,317	0.8
28	Potash		-	-	-	-	-	-	-	-
29	Gypsum		479,776	32,317	-	-	-	-	512,093	4.1
30	Asphalt		3,009	5,662	-	-	-	-	8,671	0.1
31	Other Mine Products		91,286	-	-	-	59,517	-	150,803	1.2
32	<b>Total Mine Products</b>		4,704,037	2,967,137	39,533	-	103,057	15,516	7,829,280	62.8
33	Lumber		-	-	-	-	-	-	-	-
34	Other Forest Products		-	-	-	-	-	-	-	-
35	<b>Total Forest Products</b>		-	-	-	-	-	-	-	-
36	Gasoline		263,970	-	114,564	-	70,122	-	448,656	3.6
37	Fuel Oil		40,628	-	40,038	-	-	-	80,666	0.6
38	Other Petroleum Products		-	-	35,609	-	10,008	-	45,617	0.4
39	Chemicals		2,918	-	47,912	-	490,559	75,016	616,405	4.9
40	Sodium Products		-	-	-	-	1,998	-	1,998	0.0
41	Tar, Pitch and Creosote		-	-	-	-	76,460	-	76,460	0.6
42	Pig Iron		3,651	119,739	-	-	-	55,295	178,685	1.4
43	Iron and Steel		2,194	77	-	-	528,400	902,054	1,432,725	11.5
44	Steel Slabs		-	-	-	-	120,854	39,675	160,529	1.3
45	Machinery and Machines		106	-	-	-	2,566	9,207	11,879	0.1
46	Cement		-	-	-	-	-	-	-	-
47	Cement Clinkers		-	-	-	-	-	-	-	-
48	Woodpulp		-	-	-	-	-	-	-	-
49	Newsprint and Paper Products		-	-	-	-	-	-	-	-
50	Syrup and Molasses		-	-	-	-	-	-	-	-
51	Sugar		-	-	-	-	629,286	-	629,286	5.1
52	Food Products		-	-	-	-	-	-	-	-
53	Furnace Slags		-	149,967	-	-	-	105,193	255,160	2.0
54	Scrap Iron and Steel		-	23,713	-	-	-	-	23,713	0.2
55	Other Manufactures and Misc. (1)		49,308	176,831	28,426	-	291,622	97,374	643,561	5.2
56	<b>Total Manufactures and Misc.</b>		362,775	470,327	266,549	-	2,221,875	1,283,814	4,605,340	37.0
57	<b>GRAND TOTAL</b>		5,076,152	3,440,757	306,082	-	2,324,932	1,309,710	12,457,633	100.0

(1) Includes unclassified cargoes.



**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2012**

**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					
	4,288,203	-	455,961	17,755	-	462,140	5,224,059	27.6	5,231,725	16.7	1
	37,051	-	22,131	31,277	-	-	90,459	0.5	95,426	0.3	2
	-	-	-	-	-	-	-	-	-	-	3
	-	-	4,312	-	-	-	4,312	0.0	4,312	0.0	4
	-	-	-	-	-	-	-	-	-	-	5
	273,323	-	289,537	-	-	40,595	603,455	3.2	603,455	1.9	6
	-	-	82,154	-	-	-	82,154	0.4	82,154	0.3	7
	-	-	-	-	-	-	-	-	-	-	8
	944,202	-	347,414	436,892	-	272,742	2,001,250	10.6	2,001,250	6.4	9
	15,548	-	93,157	-	-	-	108,705	0.6	108,705	0.3	10
	-	-	20,248	-	-	-	20,248	0.1	20,248	0.1	11
	-	-	36,031	-	-	10,593	46,624	0.2	46,624	0.1	12
	-	-	-	-	-	-	-	-	-	-	13
	5,166	-	41,970	1,252	-	98,602	146,990	0.8	157,370	0.5	14
	5,563,493	-	1,392,915	487,176	-	884,672	8,328,256	44.0	8,351,269	26.6	15
	-	-	-	-	-	-	-	-	-	-	16
	-	-	-	-	-	-	-	-	-	-	17
	-	-	4,565	-	-	-	4,565	0.0	4,565	0.0	18
	-	-	4,565	-	-	-	4,565	0.0	4,565	0.0	19
	183,478	-	-	1,883,784	-	23,189	2,090,451	11.0	2,104,952	6.7	20
	106,108	357,501	74,451	646,235	-	98,781	1,283,076	6.8	1,322,609	4.2	21
	59,539	-	-	3,335,361	-	-	3,394,900	17.9	10,280,774	32.8	22
	-	-	-	-	-	-	-	-	103,114	0.3	23
	-	-	-	27,479	-	36,492	63,971	0.3	79,487	0.3	24
	-	-	-	-	-	-	-	-	-	-	25
	168,086	-	-	-	-	-	168,086	0.9	171,944	0.5	26
	1,152,441	-	-	149,289	-	-	1,301,730	6.9	1,397,047	4.5	27
	38,698	12,549	51,207	-	-	-	102,454	0.5	102,454	0.3	28
	-	-	-	-	-	-	-	-	512,093	1.6	29
	53,594	-	-	77,070	-	-	130,664	0.7	139,335	0.4	30
	-	-	-	-	-	-	-	-	150,803	0.5	31
	1,761,944	370,050	125,658	6,119,218	-	158,462	8,535,332	45.1	16,364,612	52.1	32
	-	-	-	-	-	-	-	-	-	-	33
	-	-	-	-	-	-	-	-	-	-	34
	-	-	-	-	-	-	-	-	-	-	35
	17,990	22,350	-	7,008	-	-	47,348	0.3	496,004	1.6	36
	840,003	108,018	34,343	-	-	-	982,364	5.2	1,063,030	3.4	37
	101,079	125,689	69,187	68,983	-	-	364,938	1.9	410,555	1.3	38
	26,798	75,977	43,570	30,598	-	-	176,943	0.9	793,348	2.5	39
	-	-	-	-	-	-	-	-	1,998	0.0	40
	-	-	-	-	-	-	-	-	76,460	0.2	41
	-	-	-	-	-	-	-	-	178,685	0.6	42
	369	-	10,198	64	-	18,941	29,572	0.2	1,462,297	4.7	43
	-	-	-	-	-	-	-	-	160,529	0.5	44
	-	-	1,692	2,456	-	4,980	9,128	0.0	21,007	0.1	45
	68,300	-	-	-	-	-	68,300	0.4	68,300	0.2	46
	-	-	-	-	-	-	-	-	-	-	47
	-	-	8,794	-	-	22,385	31,179	0.2	31,179	0.1	48
	-	-	-	-	-	-	-	-	-	-	49
	-	-	-	-	-	-	-	-	-	-	50
	-	-	-	-	-	-	-	-	629,286	2.0	51
	-	-	-	-	-	-	-	-	-	-	52
	78,813	-	-	-	-	-	78,813	0.4	333,973	1.1	53
	75,906	-	35,166	-	-	-	111,072	0.6	134,785	0.4	54
	94,753	1,084	8,367	52,233	-	6,047	162,484	0.9	806,045	2.6	55
	1,304,011	333,118	211,317	161,342	-	52,353	2,062,141	10.9	6,667,481	21.2	56
	8,629,448	703,168	1,734,455	6,767,736	-	1,095,487	18,930,294	100.0	31,387,927	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO  
2012**

**TABLE M4**

**MONTREAL- LAKE ONTARIO SECTION**

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)									
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con- tainers	General	Steel Slabs	Total	%	
<b>UPBOUND:</b>														
March	16	22	38	370,957	199,304	-	-	-	-	28,051	-	227,355	0.7	
April	73	57	130	1,655,114	915,512	-	-	-	318	189,515	39,530	1,144,875	3.6	
May	95	75	170	2,114,382	1,368,454	-	-	-	729	153,064	20,570	1,542,817	4.9	
June	87	82	169	2,029,879	1,059,641	-	-	-	1,028	194,162	90	1,254,921	4.0	
July	90	62	152	1,832,550	1,250,135	-	-	-	652	179,561	19,345	1,449,693	4.6	
August	79	77	156	1,661,179	1,079,284	-	-	-	930	119,578	19,798	1,219,590	3.9	
September	88	73	161	2,040,353	1,293,534	-	-	-	796	133,498	-	1,427,828	4.5	
October	91	88	179	2,165,015	1,322,574	-	-	18,046	-	1,213	154,655	-	1,496,488	4.8
November	92	111	203	2,262,522	1,150,153	-	-	4,967	-	1,215	262,911	20,569	1,439,815	4.6
December	64	62	126	1,785,114	1,087,907	14,501	-	-	-	-	111,216	40,627	1,254,251	4.0
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>775</b>	<b>709</b>	<b>1,484</b>	<b>17,917,065</b>	<b>10,726,498</b>	<b>14,501</b>	<b>23,013</b>	<b>-</b>	<b>6,881</b>	<b>1,526,211</b>	<b>160,529</b>	<b>12,457,633</b>	<b>39.7</b>	
<b>DOWNBOUND:</b>														
March	16	15	31	266,219	98,202	85,115	94,873	-	-	16	-	278,206	0.9	
April	91	29	120	1,529,743	873,205	176,446	701,320	-	-	421	-	1,751,392	5.6	
May	113	56	169	2,104,311	1,070,294	273,283	809,267	-	-	1,108	-	2,153,952	6.9	
June	121	51	172	2,119,630	1,082,898	417,829	625,586	-	5,352	7,682	-	2,139,347	6.8	
July	106	43	149	1,815,071	1,038,274	154,387	597,510	-	3,671	2,657	-	1,796,499	5.7	
August	106	51	157	1,763,146	1,074,327	334,215	537,665	-	7,618	6,825	-	1,960,650	6.2	
September	122	40	162	1,814,397	893,011	288,893	925,300	-	2,851	1,946	-	2,112,001	6.7	
October	129	47	176	2,136,850	585,929	92,340	1,507,210	-	7,584	13,409	-	2,206,472	7.0	
November	141	60	201	2,222,789	847,155	134,487	1,305,752	-	165	14,640	-	2,302,199	7.3	
December	121	33	154	2,122,873	869,250	133,456	1,223,773	-	-	3,097	-	2,229,576	7.1	
January	-	-	-	-	-	-	-	-	-	-	-	-	-	
February	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Downbound</b>	<b>1,066</b>	<b>425</b>	<b>1,491</b>	<b>17,895,029</b>	<b>8,432,545</b>	<b>2,090,451</b>	<b>8,328,256</b>	<b>-</b>	<b>27,241</b>	<b>51,801</b>	<b>-</b>	<b>18,930,294</b>	<b>60.3</b>	
<b>TOTALS:</b>														
March	32	37	69	637,176	297,506	85,115	94,873	-	-	28,067	-	505,561	1.6	
April	164	86	250	3,184,857	1,788,717	176,446	701,320	-	318	189,936	39,530	2,896,267	9.2	
May	208	131	339	4,218,693	2,438,748	273,283	809,267	-	729	154,172	20,570	3,696,769	11.8	
June	208	133	341	4,149,509	2,142,539	417,829	625,586	-	6,380	201,844	90	3,394,268	10.8	
July	196	105	301	3,647,621	2,288,409	154,387	597,510	-	4,323	182,218	19,345	3,246,192	10.3	
August	185	128	313	3,424,325	2,153,611	334,215	537,665	-	8,548	126,403	19,798	3,180,240	10.1	
September	210	113	323	3,854,750	2,186,545	288,893	925,300	-	3,647	135,444	-	3,539,829	11.3	
October	220	135	355	4,301,865	1,908,503	92,340	1,525,256	-	8,797	168,064	-	3,702,960	11.8	
November	233	171	404	4,485,311	1,997,308	134,487	1,310,719	-	1,380	277,551	20,569	3,742,014	11.9	
December	185	95	280	3,907,987	1,957,157	147,957	1,223,773	-	-	114,313	40,627	3,483,827	11.1	
January	-	-	-	-	-	-	-	-	-	-	-	-	-	
February	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>GRAND TOTAL</b>	<b>1,841</b>	<b>1,134</b>	<b>2,975</b>	<b>35,812,094</b>	<b>19,159,043</b>	<b>2,104,952</b>	<b>8,351,269</b>	<b>-</b>	<b>34,122</b>	<b>1,578,012</b>	<b>160,529</b>	<b>31,387,927</b>	<b>100.0</b>	

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

**TRAFFIC RESULTS**  
**1993 - 2012**

**TABLE M5**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2012	1,484	1,491	2,975	12,457,633	18,930,294	31,387,927	17,917,065	17,895,029	35,812,094
<b>TOTAL</b>	<b>27,713</b>	<b>27,823</b>	<b>55,536</b>	<b>328,706,201</b>	<b>322,272,709</b>	<b>650,978,910</b>	<b>333,649,180</b>	<b>333,848,157</b>	<b>667,497,337</b>

**CARGO BY TARIFF CLASSIFICATION  
1993 - 2012**

**TABLE M6**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	BULK (1)		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL		STEEL SLABS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2012	19,159,043	61.0	2,104,952	6.7	8,351,269	26.6	-	-	34,122	0.1	1,578,012	5.0	160,529	0.5	31,387,927
<b>TOTAL</b>	<b>350,316,118</b>	<b>53.8</b>	<b>9,886,203</b>	<b>1.5</b>	<b>214,585,725</b>	<b>33.0</b>	<b>311,536</b>	<b>0.0</b>	<b>437,674</b>	<b>0.1</b>	<b>69,836,993</b>	<b>10.7</b>	<b>5,604,661</b>	<b>0.9</b>	<b>650,978,910</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

**VESSEL TRANSITS  
1993 - 2012**

**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
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
2012	12,457,633	775	709	1,484	18,930,294	1,066	425	1,491	31,387,927	1,841	1,134	2,975
<b>TOTAL</b>	<b>328,706,201</b>	<b>19,535</b>	<b>8,178</b>	<b>27,713</b>	<b>322,272,709</b>	<b>18,779</b>	<b>9,044</b>	<b>27,823</b>	<b>650,978,910</b>	<b>38,314</b>	<b>17,222</b>	<b>55,536</b>

**COMMODITY GROUPS  
1993 - 2012**

**TABLE M8**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2012	8,351,269	26.6	4,565	0.0	16,364,612	52.1	-	-	6,667,481	21.2	31,387,927
<b>TOTAL</b>	<b>214,965,917</b>	<b>33.0</b>	<b>618,454</b>	<b>0.1</b>	<b>279,124,157</b>	<b>42.9</b>	<b>445,124</b>	<b>0.1</b>	<b>155,825,258</b>	<b>23.9</b>	<b>650,978,910</b>

**U.S. GRAINS  
1993 - 2012**

**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
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
2012	479,895	35.0	31,277	2.3	-	-	40,595	3.0	-	-	709,634	51.7	10,593	0.8	99,854	7.3	1,371,848
<b>TOTAL</b>	<b>35,583,132</b>	<b>42.5</b>	<b>17,652,662</b>	<b>21.1</b>	<b>34,636</b>	<b>0.0</b>	<b>171,055</b>	<b>0.2</b>	<b>2,932,632</b>	<b>3.5</b>	<b>23,299,750</b>	<b>27.8</b>	<b>520,457</b>	<b>0.6</b>	<b>3,628,352</b>	<b>4.3</b>	<b>83,822,676</b>

**CANADIAN GRAINS  
1993 - 2012**

**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
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
2012	4,751,830	68.2	64,149	0.9	4,312	0.1	562,860	8.1	-	-	1,291,616	18.5	36,031	0.5	258,243	3.7	6,969,041
<b>TOTAL</b>	<b>92,163,728</b>	<b>70.7</b>	<b>2,467,526</b>	<b>1.9</b>	<b>274,357</b>	<b>0.2</b>	<b>4,829,587</b>	<b>3.7</b>	<b>1,052,467</b>	<b>0.8</b>	<b>9,654,347</b>	<b>7.4</b>	<b>7,204,019</b>	<b>5.5</b>	<b>12,754,361</b>	<b>9.8</b>	<b>130,400,392</b>



**SELECTED MINING COMMODITIES  
1993 - 2012**

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	%	
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
2012	2,104,952	12.9	1,322,609	8.1	10,280,774	62.8	79,487	0.5	-	-	171,944	1.1	1,397,047	8.5	1,007,799	6.2	16,364,612
<b>TOTAL</b>	<b>12,840,840</b>	<b>4.6</b>	<b>20,564,748</b>	<b>7.4</b>	<b>186,773,052</b>	<b>66.9</b>	<b>3,032,713</b>	<b>1.1</b>	<b>211,074</b>	<b>0.1</b>	<b>9,083,134</b>	<b>3.3</b>	<b>20,931,983</b>	<b>7.5</b>	<b>25,686,613</b>	<b>9.2</b>	<b>279,124,157</b>

**SELECTED PROCESSED COMMODITIES**  
**1993 - 2012**

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	%
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
2012	496,004	7.4	1,063,030	15.9	793,348	11.9	1,998	0.0	178,685	2.7	1,622,826	24.3	68,300	1.0	134,785	2.0	2,308,505	34.6
<b>TOTAL</b>	<b>9,969,491</b>	<b>6.4</b>	<b>17,249,228</b>	<b>11.1</b>	<b>11,343,671</b>	<b>7.3</b>	<b>1,424,823</b>	<b>0.9</b>	<b>3,893,790</b>	<b>2.5</b>	<b>72,470,463</b>	<b>46.5</b>	<b>1,181,333</b>	<b>0.8</b>	<b>2,444,459</b>	<b>1.6</b>	<b>35,848,000</b>	<b>23.0</b>

(1) Includes steel slabs, domestic general and domestic slabs.

**PART IV**

**ST. LAWRENCE SEAWAY**

**TOLL TRAFFIC**

**FOR THE**

**WELLAND CANAL SECTION**

**TRAFFIC BY CLASS AND TYPE OF VESSEL  
2012**

TABLE W1

WELLAND CANAL SECTION

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
<b>Ocean:</b> Cargo	150	48	198	3,037,806	434,347	-	10,380	-	2,322	1,077,297	39,806	1,564,152	5.2
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	31	31	62	627,156	306,232	-	-	-	-	-	-	306,232	1.0
<b>Total Ocean</b>	181	79	260	3,664,962	740,579	-	10,380	-	2,322	1,077,297	39,806	1,870,384	6.2
<b>Laker:</b> Cargo	235	594	829	14,278,760	4,570,963	-	56,335	-	-	-	-	4,627,298	15.4
Barge	67	111	178	1,315,787	703,791	-	-	-	-	-	-	703,791	2.3
Tanker	14	83	97	671,784	97,170	-	-	-	-	-	-	97,170	0.3
<b>Total Laker</b>	316	788	1,104	16,266,331	5,371,924	-	56,335	-	-	-	-	5,428,259	18.1
<b>Non-Cargo</b>	-	251	251	148,975	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	6	-	6	7,042	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	503	1,118	1,621	20,087,310	6,112,503	-	66,715	-	2,322	1,077,297	39,806	7,298,643	24.3
<b>DOWNBOUND:</b>													
<b>Ocean:</b> Cargo	158	41	199	3,048,107	346,344	23,189	1,984,652	-	440	26,505	-	2,381,130	7.9
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	50	11	61	615,445	399,051	-	-	-	-	-	-	399,051	1.3
<b>Total Ocean</b>	208	52	260	3,663,552	745,395	23,189	1,984,652	-	440	26,505	-	2,780,181	9.3
<b>Laker:</b> Cargo	755	69	824	14,191,071	8,197,812	4,521,014	5,505,806	-	-	974	-	18,225,606	60.8
Barge	115	64	179	1,301,305	899,658	13,040	3,024	-	-	1,443	-	917,165	3.1
Tanker	84	13	97	674,433	758,871	-	-	-	-	-	-	758,871	2.5
<b>Total Laker</b>	954	146	1,100	16,166,809	9,856,341	4,534,054	5,508,830	-	-	2,417	-	19,901,642	66.4
<b>Non-Cargo</b>	-	256	256	154,727	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	5	1	6	7,042	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	1,167	455	1,622	19,992,130	10,601,736	4,557,243	7,493,482	-	440	28,922	-	22,681,823	75.7
<b>TOTALS:</b>													
<b>Ocean:</b> Cargo	308	89	397	6,085,913	780,691	23,189	1,995,032	-	2,762	1,103,802	39,806	3,945,282	13.2
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	81	42	123	1,242,601	705,283	-	-	-	-	-	-	705,283	2.4
<b>Total Ocean</b>	389	131	520	7,328,514	1,485,974	23,189	1,995,032	-	2,762	1,103,802	39,806	4,650,565	15.5
<b>Laker:</b> Cargo	990	663	1,653	28,469,831	12,768,775	4,521,014	5,562,141	-	-	974	-	22,852,904	76.2
Barge	182	175	357	2,617,092	1,603,449	13,040	3,024	-	-	1,443	-	1,620,956	5.4
Tanker	98	96	194	1,346,217	856,041	-	-	-	-	-	-	856,041	2.9
<b>Total Laker</b>	1,270	934	2,204	32,433,140	15,228,265	4,534,054	5,565,165	-	-	2,417	-	25,329,901	84.5
<b>Non-Cargo</b>	-	507	507	303,702	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	11	1	12	14,084	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	1,670	1,573	3,243	40,079,440	16,714,239	4,557,243	7,560,197	-	2,762	1,106,219	39,806	29,980,466	100.0

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO  
2012**

**TABLE W2**

**WELLAND CANAL SECTION**

COMMODITY	CARGO TONNES (1)								% of Total
	Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	
Wheat	-	-	5,221,089	-	-	-	-	5,221,089	17.4
Corn	-	-	83,711	-	-	-	-	83,711	0.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	2,204	-	-	-	-	2,204	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	785,926	-	-	-	-	785,926	2.6
Canola Meal, Pellets	-	-	82,154	-	-	-	-	82,154	0.3
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,053,418	-	-	-	-	1,053,418	3.5
Soybean Oil Cake, Meal, Pellets	-	-	108,705	-	-	-	-	108,705	0.4
Beans and Peas	-	-	20,248	-	-	-	-	20,248	0.1
Flaxseed	-	-	46,624	-	-	-	-	46,624	0.2
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	156,118	-	-	-	-	156,118	0.5
<b>Total Agricultural Products</b>	-	-	7,560,197	-	-	-	-	7,560,197	25.2
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	4,557,243	-	-	-	-	-	4,557,243	15.2
Coke	1,334,955	-	-	-	-	-	-	1,334,955	4.5
Iron Ore	6,264,484	-	-	-	-	-	-	6,264,484	20.9
Aluminum Ore and Concentrates	80,970	-	-	-	-	-	-	80,970	0.3
Clay and Bentonite	79,487	-	-	-	-	-	-	79,487	0.3
Gravel and Sand	160,277	-	-	-	-	-	-	160,277	0.5
Stone	437,461	-	-	-	-	-	-	437,461	1.5
Salt	2,585,462	-	-	-	-	-	-	2,585,462	8.6
Potash	169,917	-	-	-	-	-	-	169,917	0.6
Gypsum	32,317	-	-	-	-	-	-	32,317	0.1
Asphalt	337,686	-	-	-	-	-	-	337,686	1.1
Other Mine Products	35,225	-	-	-	-	-	-	35,225	0.1
<b>Total Mine Products</b>	11,518,241	4,557,243	-	-	-	-	-	16,075,484	53.6
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	-	-	-	-	-	-	-	-	-
<b>Total Forest Products</b>	-	-	-	-	-	-	-	-	-
Gasoline	339,498	-	-	-	-	-	-	339,498	1.1
Fuel Oil	1,026,176	-	-	-	-	-	-	1,026,176	3.4
Other Petroleum Products	324,978	-	-	-	-	-	-	324,978	1.1
Chemicals	289,171	-	-	-	-	-	-	289,171	1.0
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	54,875	-	-	-	-	-	-	54,875	0.2
Pig Iron	175,034	-	-	-	-	-	-	175,034	0.6
Iron and Steel	45,560	-	-	-	-	1,044,199	-	1,089,759	3.6
Steel Slabs	-	-	-	-	-	-	39,806	39,806	0.1
Machinery and Machines	3,684	-	-	-	440	13,747	-	17,871	0.1
Cement	896,565	-	-	-	-	-	-	896,565	3.0
Cement Clinkers	656,883	-	-	-	-	-	-	656,883	2.2
Woodpulp	31,179	-	-	-	-	-	-	31,179	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	70,285	-	-	-	-	-	-	70,285	0.2
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	924,645	-	-	-	-	-	-	924,645	3.1
Scrap Iron and Steel	170,131	-	-	-	-	-	-	170,131	0.6
Other Manufactures and Misc. (2)	187,334	-	-	-	2,322	48,273	-	237,929	0.8
<b>Total Manufactures and Misc.</b>	5,195,998	-	-	-	2,762	1,106,219	39,806	6,344,785	21.2
<b>GRAND TOTAL</b>	<b>16,714,239</b>	<b>4,557,243</b>	<b>7,560,197</b>	<b>-</b>	<b>2,762</b>	<b>1,106,219</b>	<b>39,806</b>	<b>29,980,466</b>	<b>100.0</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2012**

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		13,166	16,909	-	-	-	-	30,075	0.4
2	Corn		-	26,260	-	-	-	-	26,260	0.4
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		-	-	-	-	10,380	10,380	10,380	0.1
15	<b>Total Agricultural Products</b>		13,166	43,169	-	-	-	10,380	66,715	0.9
16	Packing House Products, Edible		-	-	-	-	-	-	-	-
17	Hides, Skins, Pelts, Wool		-	-	-	-	-	-	-	-
18	Other Animal Products		-	-	-	-	-	-	-	-
19	<b>Total Animal Products</b>		-	-	-	-	-	-	-	-
20	Bituminous Coal		-	-	-	-	-	-	-	-
21	Coke		18,083	17,647	39,533	-	-	-	75,263	1.0
22	Iron Ore		-	2,848,188	-	-	21,396	-	2,869,584	39.3
23	Aluminum Ore and Concentrates		-	80,970	-	-	-	-	80,970	1.1
24	Clay and Bentonite		-	-	-	-	-	15,516	15,516	0.2
25	Gravel and Sand		-	-	-	-	-	-	-	-
26	Stone		3,858	14,692	-	-	-	-	18,550	0.3
27	Salt		-	-	-	-	-	-	-	-
28	Potash		-	-	-	-	-	-	-	-
29	Gypsum		-	32,317	-	-	-	-	32,317	0.4
30	Asphalt		-	5,662	-	-	-	-	5,662	0.1
31	Other Mine Products		-	-	-	-	35,225	-	35,225	0.5
32	<b>Total Mine Products</b>		21,941	2,999,476	39,533	-	56,621	15,516	3,133,087	42.9
33	Lumber		-	-	-	-	-	-	-	-
34	Other Forest Products		-	-	-	-	-	-	-	-
35	<b>Total Forest Products</b>		-	-	-	-	-	-	-	-
36	Gasoline		72,110	-	114,564	-	70,122	-	256,796	3.5
37	Fuel Oil		8,082	-	40,038	-	-	-	48,120	0.7
38	Other Petroleum Products		-	-	31,199	-	10,008	-	41,207	0.6
39	Chemicals		-	-	21,713	-	17,467	75,016	114,196	1.6
40	Sodium Products		-	-	-	-	-	-	-	-
41	Tar, Pitch and Creosote		-	-	-	-	-	-	-	-
42	Pig Iron		-	119,739	-	-	-	55,295	175,034	2.4
43	Iron and Steel		-	5,551	-	-	123,140	902,054	1,030,745	14.1
44	Steel Slabs		-	-	-	-	131	39,675	39,806	0.5
45	Machinery and Machines		525	703	-	-	-	9,207	10,435	0.1
46	Cement		95,480	801,085	-	-	-	-	896,565	12.3
47	Cement Clinkers		-	656,883	-	-	-	-	656,883	9.0
48	Woodpulp		-	-	-	-	-	-	-	-
49	Newsprint and Paper Products		-	-	-	-	-	-	-	-
50	Syrup and Molasses		-	-	-	-	-	-	-	-
51	Sugar		-	-	-	-	70,285	-	70,285	1.0
52	Food Products		-	-	-	-	-	-	-	-
53	Furnace Slags		55,274	296,442	-	-	-	105,193	456,909	6.3
54	Scrap Iron and Steel		14,070	105,286	-	-	-	-	119,356	1.6
55	Other Manufactures and Misc. (1)		1,300	92,649	358	465	21,081	66,651	182,504	2.5
56	<b>Total Manufactures and Misc.</b>		246,841	2,078,338	207,872	465	312,234	1,253,091	4,098,841	56.2
57	<b>GRAND TOTAL</b>		281,948	5,120,983	247,405	465	368,855	1,278,987	7,298,643	100.0

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2012**

**TABLE W3 - Part B**

**WELLAND CANAL 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	
		4,258,433	-	452,686	17,755	-	462,140	5,191,014	22.9	5,221,089	17.4	1
		16,005	-	-	41,446	-	-	57,451	0.3	83,711	0.3	2
		-	-	-	-	-	-	-	-	-	-	3
		-	-	2,204	-	-	-	2,204	0.0	2,204	0.0	4
		-	-	-	-	-	-	-	-	-	-	5
		455,794	-	289,537	-	-	40,595	785,926	3.5	785,926	2.6	6
		-	-	82,154	-	-	-	82,154	0.4	82,154	0.3	7
		-	-	-	-	-	-	-	-	-	-	8
		267,940	-	81,993	430,743	-	272,742	1,053,418	4.6	1,053,418	3.5	9
		15,548	-	93,157	-	-	-	108,705	0.5	108,705	0.4	10
		-	-	20,248	-	-	-	20,248	0.1	20,248	0.1	11
		-	-	36,031	-	-	10,593	46,624	0.2	46,624	0.2	12
		-	-	-	-	-	-	-	-	-	-	13
		5,166	-	41,970	-	-	98,602	145,738	0.6	156,118	0.5	14
		5,018,886	-	1,099,980	489,944	-	884,672	7,493,482	33.0	7,560,197	25.2	15
		-	-	-	-	-	-	-	-	-	-	16
		-	-	-	-	-	-	-	-	-	-	17
		-	-	-	-	-	-	-	-	-	-	18
		-	-	-	-	-	-	-	-	-	-	19
		291,228	-	-	4,242,826	-	23,189	4,557,243	20.1	4,557,243	15.2	20
		49,502	17,423	74,451	1,019,535	-	98,781	1,259,692	5.6	1,334,955	4.5	21
		59,539	-	-	3,335,361	-	-	3,394,900	15.0	6,264,484	20.9	22
		-	-	-	-	-	-	-	-	80,970	0.3	23
		-	-	-	27,479	-	36,492	63,971	0.3	79,487	0.3	24
		-	-	-	160,277	-	-	160,277	0.7	160,277	0.5	25
		418,911	-	-	-	-	-	418,911	1.8	437,461	1.5	26
		2,026,329	75,171	-	455,727	28,235	-	2,585,462	11.4	2,585,462	8.6	27
		93,225	25,485	51,207	-	-	-	169,917	0.7	169,917	0.6	28
		-	-	-	-	-	-	-	-	32,317	0.1	29
		124,049	-	-	207,975	-	-	332,024	1.5	337,686	1.1	30
		-	-	-	-	-	-	-	-	35,225	0.1	31
		3,062,783	118,079	125,658	9,449,180	28,235	158,462	12,942,397	57.1	16,075,484	53.6	32
		-	-	-	-	-	-	-	-	-	-	33
		-	-	-	-	-	-	-	-	-	-	34
		-	-	-	-	-	-	-	-	-	-	35
		53,344	22,350	-	7,008	-	-	82,702	0.4	339,498	1.1	36
		835,695	108,018	34,343	-	-	-	978,056	4.3	1,026,176	3.4	37
		86,230	119,425	9,133	68,983	-	-	283,771	1.3	324,978	1.1	38
		26,798	65,663	21,742	60,772	-	-	174,975	0.8	289,171	1.0	39
		-	-	-	-	-	-	-	-	-	-	40
		49,549	-	-	5,326	-	-	54,875	0.2	54,875	0.2	41
		-	-	-	-	-	-	-	-	175,034	0.6	42
		40,009	-	-	64	-	18,941	59,014	0.3	1,089,759	3.6	43
		-	-	-	-	-	-	-	-	39,806	0.1	44
		-	-	-	2,456	-	4,980	7,436	0.0	17,871	0.1	45
		-	-	-	-	-	-	-	-	896,565	3.0	46
		-	-	-	-	-	-	-	-	656,883	2.2	47
		-	-	8,794	-	-	22,385	31,179	0.1	31,179	0.1	48
		-	-	-	-	-	-	-	-	-	-	49
		-	-	-	-	-	-	-	-	-	-	50
		-	-	-	-	-	-	-	-	70,285	0.2	51
		-	-	-	-	-	-	-	-	-	-	52
		467,736	-	-	-	-	-	467,736	2.1	924,645	3.1	53
		50,775	-	-	-	-	-	50,775	0.2	170,131	0.6	54
		-	-	-	51,268	159	3,998	55,425	0.2	237,929	0.8	55
		1,610,136	315,456	74,012	195,877	159	50,304	2,245,944	9.9	6,344,785	21.2	56
		9,691,805	433,535	1,299,650	10,135,001	28,394	1,093,438	22,681,823	100.0	29,980,466	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO  
2012**

**TABLE W4**

**WELLAND CANAL SECTION**

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Con-tainers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
March	11	42	53	582,225	159,595	-	-	-	-	28,051	-	187,646	0.6
April	55	110	165	2,074,986	640,747	-	-	-	318	135,791	392	777,248	2.6
May	62	128	190	2,391,536	777,115	-	-	-	535	96,171	181	874,002	2.9
June	59	111	170	2,177,814	611,078	-	-	-	826	125,848	90	737,842	2.5
July	59	121	180	2,142,922	630,246	-	-	-	204	124,768	19,345	774,563	2.6
August	50	121	171	1,969,302	583,010	-	10,900	-	439	78,339	19,798	692,486	2.3
September	62	106	168	2,211,513	742,803	-	11,509	-	-	120,513	-	874,825	2.9
October	49	116	165	2,120,373	601,838	-	18,046	-	-	139,479	-	759,363	2.5
November	60	139	199	2,432,400	752,601	-	26,260	-	-	148,396	-	927,257	3.1
December	36	124	160	1,984,239	613,470	-	-	-	-	79,941	-	693,411	2.3
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>503</b>	<b>1,118</b>	<b>1,621</b>	<b>20,087,310</b>	<b>6,112,503</b>	<b>-</b>	<b>66,715</b>	<b>-</b>	<b>2,322</b>	<b>1,077,297</b>	<b>39,806</b>	<b>7,298,643</b>	<b>24.3</b>
<b>DOWNBOUND:</b>													
March	21	21	42	371,846	138,760	168,116	94,873	-	-	16	-	401,765	1.3
April	109	41	150	1,952,165	1,186,927	443,606	651,753	-	-	26	-	2,282,312	7.6
May	132	56	188	2,333,362	1,336,297	547,473	743,619	-	-	1,108	-	2,628,497	8.8
June	129	56	185	2,332,697	1,309,979	609,546	664,736	-	-	2,047	-	2,586,308	8.6
July	119	47	166	2,055,181	1,280,117	476,712	564,407	-	-	921	-	2,322,157	7.7
August	117	56	173	2,057,680	1,311,589	546,865	547,834	-	53	76	-	2,406,417	8.0
September	128	45	173	2,106,569	966,635	581,149	911,256	-	-	16	-	2,459,056	8.2
October	117	42	159	2,024,695	739,218	298,621	1,144,180	-	387	11,759	-	2,194,165	7.3
November	153	42	195	2,395,321	1,293,647	474,405	1,039,220	-	-	9,856	-	2,817,128	9.4
December	142	49	191	2,362,614	1,038,567	410,750	1,131,604	-	-	3,097	-	2,584,018	8.6
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>1,167</b>	<b>455</b>	<b>1,622</b>	<b>19,992,130</b>	<b>10,601,736</b>	<b>4,557,243</b>	<b>7,493,482</b>	<b>-</b>	<b>440</b>	<b>28,922</b>	<b>-</b>	<b>22,681,823</b>	<b>75.7</b>
<b>TOTALS:</b>													
March	32	63	95	954,071	298,355	168,116	94,873	-	-	28,067	-	589,411	2.0
April	164	151	315	4,027,151	1,827,674	443,606	651,753	-	318	135,817	392	3,059,560	10.2
May	194	184	378	4,724,898	2,113,412	547,473	743,619	-	535	97,279	181	3,502,499	11.7
June	188	167	355	4,510,511	1,921,057	609,546	664,736	-	826	127,895	90	3,324,150	11.1
July	178	168	346	4,198,103	1,910,363	476,712	564,407	-	204	125,689	19,345	3,096,720	10.3
August	167	177	344	4,026,982	1,894,599	546,865	558,734	-	492	78,415	19,798	3,098,903	10.3
September	190	151	341	4,318,082	1,709,438	581,149	922,765	-	-	120,529	-	3,333,881	11.1
October	166	158	324	4,145,068	1,341,056	298,621	1,162,226	-	387	151,238	-	2,953,528	9.9
November	213	181	394	4,827,721	2,046,248	474,405	1,065,480	-	-	158,252	-	3,744,385	12.5
December	178	173	351	4,346,853	1,652,037	410,750	1,131,604	-	-	83,038	-	3,277,429	10.9
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,670</b>	<b>1,573</b>	<b>3,243</b>	<b>40,079,440</b>	<b>16,714,239</b>	<b>4,557,243</b>	<b>7,560,197</b>	<b>-</b>	<b>2,762</b>	<b>1,106,219</b>	<b>39,806</b>	<b>29,980,466</b>	<b>100.0</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.



**TRAFFIC RESULTS  
1993 - 2012**

**TABLE W5**

**WELLAND CANAL SECTION**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2012	1,621	1,622	3,243	7,298,643	22,681,823	29,980,466	20,087,310	19,992,130	40,079,440
<b>TOTAL</b>	<b>33,061</b>	<b>33,082</b>	<b>66,143</b>	<b>236,971,041</b>	<b>456,643,583</b>	<b>693,614,624</b>	<b>394,990,881</b>	<b>394,108,600</b>	<b>789,099,481</b>

**CARGO BY TARIFF CLASSIFICATION  
1993 - 2012**

**TABLE W6**

**WELLAND CANAL SECTION**

YEAR	BULK (1)		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL		STEEL SLABS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2012	16,714,239	55.8	4,557,243	15.2	7,560,197	25.2	-	-	2,762	0.0	1,106,219	3.7	39,806	0.1	29,980,466
<b>TOTAL</b>	<b>368,886,924</b>	<b>53.2</b>	<b>55,225,403</b>	<b>8.0</b>	<b>213,652,437</b>	<b>30.8</b>	<b>267,574</b>	<b>0.0</b>	<b>79,484</b>	<b>0.0</b>	<b>53,424,813</b>	<b>7.7</b>	<b>2,077,989</b>	<b>0.3</b>	<b>693,614,624</b>

(1) Bulk, as per previous years, includes domestic general and domestic steel slabs, as per the definition of domestic in the Tariff of Tolls.

**VESSEL TRANSITS  
1993 - 2012**

**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
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
2012	7,298,643	503	1,118	1,621	22,681,823	1,167	455	1,622	29,980,466	1,670	1,573	3,243
<b>TOTAL</b>	<b>236,971,041</b>	<b>15,344</b>	<b>17,717</b>	<b>33,061</b>	<b>456,643,583</b>	<b>23,547</b>	<b>9,535</b>	<b>33,082</b>	<b>693,614,624</b>	<b>38,891</b>	<b>27,252</b>	<b>66,143</b>

**COMMODITY GROUPS  
1993 - 2012**

**TABLE W8**

**WELLAND CANAL SECTION**

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2012	7,560,197	25.2	-	-	16,075,484	53.6	-	-	6,344,785	21.2	29,980,466
<b>TOTAL</b>	<b>213,766,953</b>	<b>30.8</b>	<b>219,769</b>	<b>0.0</b>	<b>324,184,412</b>	<b>46.7</b>	<b>401,672</b>	<b>0.1</b>	<b>155,041,818</b>	<b>22.4</b>	<b>693,614,624</b>

**U.S. GRAINS  
1993 - 2012**

**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	%	
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
2012	479,895	34.9	41,446	3.0	-	-	40,595	3.0	-	-	703,485	51.2	10,593	0.8	98,602	7.2	1,374,616
<b>TOTAL</b>	<b>35,583,132</b>	<b>40.6</b>	<b>21,095,669</b>	<b>24.1</b>	<b>34,636</b>	<b>0.0</b>	<b>227,637</b>	<b>0.3</b>	<b>2,932,632</b>	<b>3.3</b>	<b>23,673,325</b>	<b>27.0</b>	<b>520,457</b>	<b>0.6</b>	<b>3,535,689</b>	<b>4.0</b>	<b>87,603,177</b>

**CANADIAN GRAINS  
1993 - 2012**

**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	%	
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
2012	4,741,194	76.8	42,265	0.7	2,204	0.0	745,331	12.1	-	-	349,933	5.7	36,031	0.6	258,243	4.2	6,175,201
<b>TOTAL</b>	<b>91,441,671</b>	<b>72.8</b>	<b>1,333,700</b>	<b>1.1</b>	<b>266,736</b>	<b>0.2</b>	<b>5,530,111</b>	<b>4.4</b>	<b>1,045,770</b>	<b>0.8</b>	<b>5,363,104</b>	<b>4.3</b>	<b>7,204,019</b>	<b>5.7</b>	<b>13,499,860</b>	<b>10.7</b>	<b>125,684,971</b>

**SELECTED MINING COMMODITIES  
1993 - 2012**

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	%	
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
2012	4,557,243	28.3	1,334,955	8.3	6,264,484	39.0	79,487	0.5	160,277	1.0	437,461	2.7	2,585,462	16.1	656,115	4.1	16,075,484
<b>TOTAL</b>	<b>80,087,051</b>	<b>24.7</b>	<b>24,576,737</b>	<b>7.6</b>	<b>132,756,349</b>	<b>41.0</b>	<b>3,031,913</b>	<b>0.9</b>	<b>3,515,426</b>	<b>1.1</b>	<b>19,220,653</b>	<b>5.9</b>	<b>45,691,963</b>	<b>14.1</b>	<b>15,304,320</b>	<b>4.7</b>	<b>324,184,412</b>

**SELECTED PROCESSED COMMODITIES  
1993 - 2012**

**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	%
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
2012	339,498	5.4	1,026,176	16.2	289,171	4.6	-	-	175,034	2.8	1,129,565	17.8	896,565	14.1	170,131	2.7	2,318,645	36.5
<b>TOTAL</b>	<b>4,514,084</b>	<b>2.9</b>	<b>13,165,083</b>	<b>8.5</b>	<b>8,377,896</b>	<b>5.4</b>	<b>827,725</b>	<b>0.5</b>	<b>3,572,854</b>	<b>2.3</b>	<b>53,776,652</b>	<b>34.7</b>	<b>23,721,041</b>	<b>15.3</b>	<b>3,577,687</b>	<b>2.3</b>	<b>43,508,796</b>	<b>28.1</b>

(1) Includes steel slabs, domestic general and domestic slabs.



## NOTES