

# The St. Lawrence Seaway

2015 Traffic Report



# **THE ST. LAWRENCE SEAWAY TRAFFIC REPORT 2015 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 2015 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**

**AND**

**2015 TRAFFIC SUMMARIES**

## DEFINITIONS

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

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

<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  
2015**

**TABLE S1**

TRAFFIC AND REVENUE	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance 2014%	Tonnes and Transits	% of Total	Variance 2014%	Tonnes and Transits	% of Total	Variance 2014%
<b>Cargo Tonnes by Toll Classification:</b>									
Bulk (1)	20,460,152	56.4	- 0.8	13,962,552	50.9	4.6	14,300,508	50.6	- 2.8
Coal	2,497,029	6.9	- 40.6	587,740	2.1	- 71.1	2,497,029	8.8	- 40.6
Grains	10,858,549	30.0	- 10.3	10,463,155	38.1	- 10.9	9,717,230	34.4	- 8.9
Government Aid	-	-	-	-	-	-	-	-	-
Containers	69,797	0.2	58.4	69,797	0.3	58.4	28,386	0.1	275.8
General Cargo	2,161,175	6.0	- 15.4	2,161,175	7.9	- 15.4	1,679,308	5.9	- 12.7
Steel Slabs	202,870	0.6	- 42.8	202,870	0.7	- 42.8	19,372	0.1	- 92.2
<b>Total Cargo Tonnes</b>	<b>36,249,572</b>	<b>100.0</b>	<b>- 9.1</b>	<b>27,447,289</b>	<b>100.0</b>	<b>- 8.7</b>	<b>28,241,833</b>	<b>100.0</b>	<b>- 11.1</b>
<b>Gross Registered Tonnage:</b>									
Cargo Vessels	44,008,537	98.9	- 9.6	32,299,139	99.0	- 9.2	37,770,062	99.1	- 10.5
Non-Cargo Vessels	302,098	0.7	11.2	161,262	0.5	3.4	247,248	0.6	- 0.2
Passengers	193,278	0.4	74.0	169,222	0.5	190.7	85,053	0.2	- 10.3
<b>Total Gross Registered Tonnage</b>	<b>44,503,913</b>	<b>100.0</b>	<b>- 9.3</b>	<b>32,629,623</b>	<b>100.0</b>	<b>- 8.8</b>	<b>38,102,363</b>	<b>100.0</b>	<b>- 10.5</b>
<b>Vessel Transits:</b>									
Loaded Cargo Vessels	2,137	56.5	- 6.8	1,671	66.1	- 5.9	1,602	53.3	- 8.9
Ballast Cargo Vessels	932	24.6	- 13.0	509	20.1	- 15.2	889	29.6	- 16.1
Non-Cargo Vessels	712	18.8	24.3	349	13.8	24.2	515	17.1	13.4
<b>Total Vessel Transits</b>	<b>3,781</b>	<b>100.0</b>	<b>- 4.0</b>	<b>2,529</b>	<b>100.0</b>	<b>- 4.8</b>	<b>3,006</b>	<b>100.0</b>	<b>- 8.1</b>
<b>Additional Information:</b>	<b>Number</b>			<b>Number</b>			<b>Number</b>		
Passengers (Number)	8,697	-	75.1	6,734	-	124.2	3,189	-	4.2
Pleasure Craft Lockages	10,383	-	1.8	6,911	-	1.8	3,472	-	1.9
<b>REVENUE (2)</b>	<b>Revenue</b>	<b>% of Total</b>	<b>Variance 2014%</b>	<b>Revenue</b>	<b>% of Total</b>	<b>Variance 2014%</b>	<b>Revenue</b>	<b>% of Total</b>	<b>Variance 2014%</b>
<b>Traffic Revenue (\$) by Toll Classification</b>	<b>\$</b>			<b>\$</b>			<b>\$</b>		
Bulk (1)	24,284,146	37.0	3.7	13,946,368	45.9	6.3	10,337,778	29.3	0.5
Coal	2,198,021	3.3	- 49.3	379,971	1.2	- 70.9	1,818,050	5.2	- 40.1
Grains	13,925,315	21.2	- 8.2	6,881,233	22.6	- 9.1	7,044,082	20.0	- 7.2
Government Aid	-	-	-	-	-	-	-	-	-
Containers	64,498	0.1	107.1	47,853	0.2	78.6	16,645	0.0	281.7
General Cargo	7,252,086	11.0	- 14.5	5,361,634	17.6	- 15.1	1,890,452	5.4	- 12.5
Steel Slabs	480,988	0.7	- 48.4	467,906	1.5	- 37.7	13,083	0.0	- 92.8
Gross Registered Tonnage	9,584,112	14.6	- 8.4	3,275,513	10.8	- 7.6	6,308,600	17.9	- 8.8
Passengers	86,018	0.1	47.4	48,065	0.2	145.3	37,953	0.1	- 2.1
Lockage Fees	7,805,908	11.9	- 10.4	-	-	-	7,805,908	22.1	- 10.4
<b>Total Tolls - Current Shipping Season</b>	<b>65,681,092</b>	<b>100.0</b>	<b>- 8.2</b>	<b>30,408,542</b>	<b>100.0</b>	<b>- 6.9</b>	<b>35,272,551</b>	<b>100.0</b>	<b>- 9.4</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 2015

TABLE S2

SUMMARY OF MAJOR COMMODITIES	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance 2014%	Tonnes	% of Total	Variance 2014%	Tonnes	% of Total	Variance 2014%
<b>Agricultural Products:</b>									
Wheat	6,534,398	18.0	- 9.6	6,501,746	23.7	- 9.9	6,522,896	23.1	- 7.0
Corn	779,762	2.2	- 27.1	574,710	2.1	- 42.0	541,336	1.9	- 2.2
Rye	-	-	-	-	-	-	-	-	-
Oats	20,434	0.1	- 62.3	20,434	0.1	- 62.3	20,434	0.1	- 62.3
Barley	29,336	0.1	108.1	29,336	0.1	108.1	29,336	0.1	108.1
Soybeans	1,959,468	5.4	- 9.6	1,959,468	7.1	- 4.9	1,067,701	3.8	- 27.1
Flaxseed	117,975	0.3	- 26.1	117,975	0.4	- 26.1	117,975	0.4	- 26.1
Canola (Rapeseed)	915,304	2.5	- 0.8	757,614	2.8	0.4	915,304	3.2	- 0.8
Other Grains	502,248	1.4	3.6	502,248	1.8	3.6	502,248	1.8	3.6
<i>Total Grains</i>	10,858,925	30.0	- 10.3	10,463,531	38.1	- 10.9	9,717,230	34.4	- 8.9
Other Agricultural Products	-	-	- 100.0	-	-	- 100.0	-	-	- 100.0
<b>Total Agricultural Products</b>	10,858,925	30.0	- 10.3	10,463,531	38.1	- 10.9	9,717,230	34.4	- 8.9
<b>Mine Products:</b>									
Iron Ore	7,180,976	19.8	4.7	6,048,504	22.0	22.6	4,664,602	16.5	3.3
Coal	2,497,029	6.9	- 40.6	587,740	2.1	- 71.1	2,497,029	8.8	- 40.6
Coke	1,358,506	3.7	- 15.3	895,506	3.3	- 24.7	1,306,554	4.6	- 12.2
Stone, Ground, Crushed, or Rough	471,306	1.3	28.5	358,034	1.3	5,489.9	128,177	0.5	- 64.4
Salt	3,088,967	8.5	- 11.2	1,138,939	4.1	- 26.7	2,890,371	10.2	- 4.1
Other Mine Products	1,283,012	3.5	18.3	911,927	3.3	16.6	760,941	2.7	20.6
<b>Total Mine Products</b>	15,879,796	43.8	- 9.8	9,940,650	36.2	- 5.3	12,247,674	43.4	- 13.8
<b>Processed Products:</b>									
Iron and Steel	2,056,687	5.7	- 17.7	2,056,687	7.5	- 17.7	1,599,912	5.7	- 15.1
Steel Slabs	202,870	0.6	- 42.8	202,870	0.7	- 42.8	19,372	0.1	- 92.2
Petroleum Products	1,953,290	5.4	- 15.6	1,866,650	6.8	- 14.0	1,499,077	5.3	- 11.2
Chemicals	902,464	2.5	1.0	872,284	3.2	1.3	215,389	0.8	- 33.8
Other Processed Products	4,387,754	12.1	6.5	2,036,831	7.4	4.7	2,935,393	10.4	7.5
<b>Total Processed Products</b>	9,503,065	26.2	- 6.7	7,035,322	25.6	- 10.1	6,269,143	22.2	- 8.8
<b>Miscellaneous Cargo:</b>									
Forest Products	7,786	0.0	-	7,786	0.0	-	7,786	0.0	-
Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Miscellaneous Cargo</b>	7,786	0.0	-	7,786	0.0	-	7,786	0.0	-
<b>GRAND TOTAL</b>	<b>36,249,572</b>	<b>100.0</b>	<b>-9.1</b>	<b>27,447,289</b>	<b>100.0</b>	<b>-8.7</b>	<b>28,241,833</b>	<b>100.0</b>	<b>-11.1</b>

**ACTUAL OPENING AND CLOSING DATES OF NAVIGATION  
1996 - 2015**

**TABLE S3**

YEAR	MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Opening	Closing	Days of Navigation	Opening	Closing	Days of Navigation
1996	March 29	December 27	274	March 29	December 25	272
1997	April 2	December 26	269	April 2	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
2013	March 22	January 1	286	March 22	January 1	286
2014	March 31	January 1	277	March 28	December 31	279
2015	April 2	December 30	273	April 2	December 31	274

**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  
2015**

**ST. LAWRENCE SEAWAY**

**TABLE C1**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Containers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
Ocean: Cargo	300	50	350	5,583,568	1,351,383	15,769	73,876	-	24,468	2,153,784	202,870	3,822,150	10.5
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	99	10	109	1,169,302	1,004,991	-	-	-	-	-	-	1,004,991	2.8
<b>Total Ocean</b>	<b>399</b>	<b>60</b>	<b>459</b>	<b>6,752,870</b>	<b>2,356,374</b>	<b>15,769</b>	<b>73,876</b>	<b>-</b>	<b>24,468</b>	<b>2,153,784</b>	<b>202,870</b>	<b>4,827,141</b>	<b>13.3</b>
Laker: Cargo	346	409	755	13,417,016	7,707,850	-	32,652	-	4,624	1,749	-	7,746,875	21.4
Barge	121	68	189	1,230,200	1,131,305	-	-	-	-	-	-	1,131,305	3.1
Tanker	72	20	92	788,177	621,033	-	-	-	-	-	-	621,033	1.7
<b>Total Laker</b>	<b>539</b>	<b>497</b>	<b>1,036</b>	<b>15,435,393</b>	<b>9,460,188</b>	<b>-</b>	<b>32,652</b>	<b>-</b>	<b>4,624</b>	<b>1,749</b>	<b>-</b>	<b>9,499,213</b>	<b>26.2</b>
Non-Cargo	-	361	361	149,988	-	-	-	-	-	-	-	-	-
Passenger	39	8	47	96,940	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>977</b>	<b>926</b>	<b>1,903</b>	<b>22,435,191</b>	<b>11,816,562</b>	<b>15,769</b>	<b>106,528</b>	<b>-</b>	<b>29,092</b>	<b>2,155,533</b>	<b>202,870</b>	<b>14,326,354</b>	<b>39.5</b>
<b>DOWNBOUND:</b>													
Ocean: Cargo	288	57	345	5,508,701	127,532	-	4,440,944	-	9,430	4,726	-	4,582,632	12.6
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	49	56	105	1,126,997	422,020	-	-	-	-	-	-	422,020	1.2
<b>Total Ocean</b>	<b>337</b>	<b>113</b>	<b>450</b>	<b>6,635,698</b>	<b>549,552</b>	<b>-</b>	<b>4,440,944</b>	<b>-</b>	<b>9,430</b>	<b>4,726</b>	<b>-</b>	<b>5,004,652</b>	<b>13.8</b>
Laker: Cargo	657	82	739	13,120,186	7,150,021	2,473,299	6,252,034	-	31,275	916	-	15,907,545	43.9
Barge	88	111	199	1,277,626	596,696	7,961	59,043	-	-	-	-	663,700	1.8
Tanker	40	52	92	786,764	347,321	-	-	-	-	-	-	347,321	1.0
<b>Total Laker</b>	<b>785</b>	<b>245</b>	<b>1,030</b>	<b>15,184,576</b>	<b>8,094,038</b>	<b>2,481,260</b>	<b>6,311,077</b>	<b>-</b>	<b>31,275</b>	<b>916</b>	<b>-</b>	<b>16,918,566</b>	<b>46.7</b>
Non-Cargo	-	351	351	152,110	-	-	-	-	-	-	-	-	-
Passenger	38	9	47	96,338	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>1,160</b>	<b>718</b>	<b>1,878</b>	<b>22,068,722</b>	<b>8,643,590</b>	<b>2,481,260</b>	<b>10,752,021</b>	<b>-</b>	<b>40,705</b>	<b>5,642</b>	<b>-</b>	<b>21,923,218</b>	<b>60.5</b>
<b>TOTALS:</b>													
Ocean: Cargo	588	107	695	11,092,269	1,478,915	15,769	4,514,820	-	33,898	2,158,510	202,870	8,404,782	23.2
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	148	66	214	2,296,299	1,427,011	-	-	-	-	-	-	1,427,011	3.9
<b>Total Ocean</b>	<b>736</b>	<b>173</b>	<b>909</b>	<b>13,388,568</b>	<b>2,905,926</b>	<b>15,769</b>	<b>4,514,820</b>	<b>-</b>	<b>33,898</b>	<b>2,158,510</b>	<b>202,870</b>	<b>9,831,793</b>	<b>27.1</b>
Laker: Cargo	1,003	491	1,494	26,537,202	14,857,871	2,473,299	6,284,686	-	35,899	2,665	-	23,654,420	65.3
Barge	209	179	388	2,507,826	1,728,001	7,961	59,043	-	-	-	-	1,795,005	5.0
Tanker	112	72	184	1,574,941	968,354	-	-	-	-	-	-	968,354	2.7
<b>Total Laker</b>	<b>1,324</b>	<b>742</b>	<b>2,066</b>	<b>30,619,969</b>	<b>17,554,226</b>	<b>2,481,260</b>	<b>6,343,729</b>	<b>-</b>	<b>35,899</b>	<b>2,665</b>	<b>-</b>	<b>26,417,779</b>	<b>72.9</b>
Non-Cargo	-	712	712	302,098	-	-	-	-	-	-	-	-	-
Passenger	77	17	94	193,278	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>2,137</b>	<b>1,644</b>	<b>3,781</b>	<b>44,503,913</b>	<b>20,460,152</b>	<b>2,497,029</b>	<b>10,858,549</b>	<b>-</b>	<b>69,797</b>	<b>2,161,175</b>	<b>202,870</b>	<b>36,249,572</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  
2015**

**TABLE C2**

**ST. LAWRENCE SEAWAY**

COMMODITY	CARGO TONNES (1)								% of Total
	Bulk	Coal	Grains	Govt. Aid	Containers	General	Steel Slabs	Total	
Wheat	-	-	6,534,398	-	-	-	-	6,534,398	18.0
Corn	-	-	779,762	-	-	-	-	779,762	2.2
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	20,434	-	-	-	-	20,434	0.1
Barley	-	-	29,336	-	-	-	-	29,336	0.1
Canola (Rapeseed)	-	-	915,304	-	-	-	-	915,304	2.5
Canola Meal, Pellets	-	-	46,287	-	-	-	-	46,287	0.1
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,959,092	-	376	-	-	1,959,468	5.4
Soybean Oil Cake, Meal, Pellets	-	-	123,723	-	-	-	-	123,723	0.3
Beans and Peas	-	-	182,378	-	-	-	-	182,378	0.5
Flaxseed	-	-	117,975	-	-	-	-	117,975	0.3
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	149,860	-	-	-	-	149,860	0.4
<b>Total Agricultural Products</b>	-	-	10,858,549	-	376	-	-	10,858,925	30.0
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	2,497,029	-	-	-	-	-	2,497,029	6.9
Coke	1,358,506	-	-	-	-	-	-	1,358,506	3.7
Iron Ore	7,180,976	-	-	-	-	-	-	7,180,976	19.8
Aluminum Ore and Concentrates	101,342	-	-	-	-	-	-	101,342	0.3
Clay and Bentonite	43,126	-	-	-	-	-	-	43,126	0.1
Gravel and Sand	137,535	-	-	-	-	-	-	137,535	0.4
Stone	471,306	-	-	-	-	-	-	471,306	1.3
Salt	3,088,967	-	-	-	-	-	-	3,088,967	8.5
Potash	99,696	-	-	-	-	-	-	99,696	0.3
Gypsum	462,529	-	-	-	-	-	-	462,529	1.3
Asphalt	308,736	-	-	-	-	-	-	308,736	0.9
Other Mine Products	127,522	-	-	-	2,526	-	-	130,048	0.4
<b>Total Mine Products</b>	13,380,241	2,497,029	-	-	2,526	-	-	15,879,796	43.8
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	7,712	-	-	-	74	-	-	7,786	0.0
<b>Total Forest Products</b>	7,712	-	-	-	74	-	-	7,786	0.0
Gasoline	738,893	-	-	-	-	-	-	738,893	2.0
Fuel Oil	720,556	-	-	-	-	-	-	720,556	2.0
Other Petroleum Products	493,824	-	-	-	17	-	-	493,841	1.4
Chemicals	897,344	-	-	-	5,119	1	-	902,464	2.5
Sodium Products	4,209	-	-	-	-	-	-	4,209	0.0
Tar, Pitch and Creosote	93,630	-	-	-	-	-	-	93,630	0.3
Pig Iron	113,628	-	-	-	-	-	-	113,628	0.3
Iron and Steel	-	-	-	-	2,202	2,054,485	-	2,056,687	5.7
Steel Slabs	-	-	-	-	-	-	202,870	202,870	0.6
Machinery and Machines	3,451	-	-	-	1,167	36,045	-	40,663	0.1
Cement	970,650	-	-	-	-	-	-	970,650	2.7
Cement Clinkers	764,423	-	-	-	-	-	-	764,423	2.1
Woodpulp	9,418	-	-	-	-	-	-	9,418	0.0
Newsprint and Paper Products	-	-	-	-	69	-	-	69	0.0
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	586,885	-	-	-	-	-	-	586,885	1.6
Food Products	-	-	-	-	118	-	-	118	0.0
Furnace Slags	877,050	-	-	-	-	-	-	877,050	2.4
Scrap Iron and Steel	124,700	-	-	-	19	-	-	124,719	0.3
Other Manufactures and Misc. (2)	673,538	-	-	-	58,110	70,644	-	802,292	2.2
<b>Total Manufactures and Misc.</b>	7,072,199	-	-	-	66,821	2,161,175	202,870	9,503,065	26.2
<b>GRAND TOTAL</b>	20,460,152	2,497,029	10,858,549	-	69,797	2,161,175	202,870	36,249,572	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.

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2015**

**TABLE C3 - Part A**

**ST. LAWRENCE SEAWAY**

NO.	COMMODITY	from: to:		UPBOUND TONNES				TOTAL UPBOUND	% OF TOTAL UP- BOUND		
				CANADA		UNITED STATES				FOREIGN	
				Canada	United States	Canada	United States			Canada	United States
1	Wheat	-	32,652	-	-	5,900	-	38,552	0.3		
2	Corn	-	-	-	-	-	15,206	15,206	0.1		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	20,434	20,434	0.1		
5	Barley	-	-	-	-	-	29,336	29,336	0.2		
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	376	3,000	3,376	0.0		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	-	-	-	-		
15	<b>Total Agricultural Products</b>	-	32,652	-	-	6,276	67,976	106,904	0.7		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	<b>Total Animal Products</b>	-	-	-	-	-	-	-	-		
20	Bituminous Coal	-	-	-	-	-	15,769	15,769	0.1		
21	Coke	46,400	25,909	-	-	18,656	-	90,965	0.6		
22	Iron Ore	2,899,187	2,128,163	-	-	-	-	5,027,350	35.1		
23	Aluminum Ore and Concentrates	-	44,358	-	-	56,984	-	101,342	0.7		
24	Clay and Bentonite	-	-	-	-	-	33,523	33,523	0.2		
25	Gravel and Sand	-	-	-	-	-	-	-	-		
26	Stone	355,929	-	-	-	-	2,105	358,034	2.5		
27	Salt	173,789	26,874	-	-	-	-	200,663	1.4		
28	Potash	-	-	-	-	-	-	-	-		
29	Gypsum	413,035	49,494	-	-	-	-	462,529	3.2		
30	Asphalt	34,998	34,664	-	-	-	-	69,662	0.5		
31	Other Mine Products	24,186	45,701	-	-	18	60,143	130,048	0.9		
32	<b>Total Mine Products</b>	3,947,524	2,355,163	-	-	75,658	111,540	6,489,885	45.3		
33	Lumber	-	-	-	-	-	-	-	-		
34	Other Forest Products	-	-	-	-	7,712	74	7,786	0.1		
35	<b>Total Forest Products</b>	-	-	-	-	7,712	74	7,786	0.1		
36	Gasoline	360,054	17,974	84,846	5,557	149,407	-	617,838	4.3		
37	Fuel Oil	305,594	38,183	-	-	-	-	343,777	2.4		
38	Other Petroleum Products	10,167	-	69,169	-	12,178	17	91,531	0.6		
39	Chemicals	-	-	151,222	-	513,812	81,126	746,160	5.2		
40	Sodium Products	-	-	-	-	4,209	-	4,209	0.0		
41	Tar, Pitch and Creosote	-	-	-	-	54,987	-	54,987	0.4		
42	Pig Iron	-	10,799	-	-	-	102,829	113,628	0.8		
43	Iron and Steel	-	-	-	-	542,896	1,513,258	2,056,154	14.4		
44	Steel Slabs	-	-	-	-	202,770	100	202,870	1.4		
45	Machinery and Machines	1,400	404	-	1,501	10,245	23,558	37,108	0.3		
46	Cement	3,812	957,820	-	-	-	-	961,632	6.7		
47	Cement Clinkers	-	682,988	-	-	81,435	-	764,423	5.3		
48	Woodpulp	-	-	-	-	-	-	-	-		
49	Newsprint and Paper Products	-	-	-	-	69	-	69	0.0		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	178,419	-	-	-	394,566	13,900	586,885	4.1		
52	Food Products	-	-	-	-	-	118	118	0.0		
53	Furnace Slags	110,189	166,064	-	-	19,269	80,013	375,535	2.6		
54	Scrap Iron and Steel	8,140	54,080	-	-	-	-	62,220	0.4		
55	Other Manufactures and Misc. (1)	66,652	246,097	31,380	-	295,288	63,218	702,635	4.9		
56	<b>Total Manufactures and Misc.</b>	1,044,427	2,174,409	336,617	7,058	2,281,131	1,878,137	7,721,779	53.9		
57	<b>GRAND TOTAL</b>	4,991,951	4,562,224	336,617	7,058	2,370,777	2,057,727	14,326,354	100.0		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2015**

**TABLE C3 - Part B**

**ST. LAWRENCE SEAWAY**

DOWNBOUND TONNES						TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
CANADA			UNITED STATES					TOTAL CARGO TONNES	% OF TOTAL	
Canada	United States	Foreign	Canada	United States	Foreign					
4,291,635	-	1,231,004	187,970	-	785,237	6,495,846	29.6	6,534,398	18.0	1
39,839	-	230,772	331,401	-	162,544	764,556	3.5	779,762	2.2	2
-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	20,434	0.1	4
-	-	-	-	-	-	-	-	29,336	0.1	5
310,464	-	558,769	-	-	46,071	915,304	4.2	915,304	2.5	6
-	-	46,287	-	-	-	46,287	0.2	46,287	0.1	7
-	-	-	-	-	-	-	-	-	-	8
748,366	-	565,803	325,789	-	316,134	1,956,092	8.9	1,959,468	5.4	9
41,531	-	82,192	-	-	-	123,723	0.6	123,723	0.3	10
-	-	182,378	-	-	-	182,378	0.8	182,378	0.5	11
34,082	-	83,893	-	-	-	117,975	0.5	117,975	0.3	12
-	-	-	-	-	-	-	-	-	-	13
-	-	22,567	-	-	127,293	149,860	0.7	149,860	0.4	14
5,465,917	-	3,003,665	845,160	-	1,437,279	10,752,021	49.0	10,858,925	30.0	15
-	-	-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	-	-	19
-	-	-	2,481,260	-	-	2,481,260	11.3	2,497,029	6.9	20
131,977	-	-	1,135,564	-	-	1,267,541	5.8	1,358,506	3.7	21
87,839	-	-	2,065,787	-	-	2,153,626	9.8	7,180,976	19.8	22
-	-	-	-	-	-	-	-	101,342	0.3	23
-	-	-	-	-	9,603	9,603	0.0	43,126	0.1	24
-	-	-	137,535	-	-	137,535	0.6	137,535	0.4	25
113,272	-	-	-	-	-	113,272	0.5	471,306	1.3	26
2,351,755	82,653	-	433,000	20,896	-	2,888,304	13.2	3,088,967	8.5	27
79,261	20,435	-	-	-	-	99,696	0.5	99,696	0.3	28
-	-	-	-	-	-	-	-	462,529	1.3	29
110,190	-	-	128,884	-	-	239,074	1.1	308,736	0.9	30
-	-	-	-	-	-	-	-	130,048	0.4	31
2,874,294	103,088	-	6,382,030	20,896	9,603	9,389,911	42.8	15,879,796	43.8	32
-	-	-	-	-	-	-	-	-	-	33
-	-	-	-	-	-	-	-	7,786	0.0	34
-	-	-	-	-	-	-	-	7,786	0.0	35
77,783	6,854	36,418	-	-	-	121,055	0.6	738,893	2.0	36
279,445	55,598	36,300	5,436	-	-	376,779	1.7	720,556	2.0	37
75,984	84,426	170,761	71,139	-	-	402,310	1.8	493,841	1.4	38
16,796	39,269	39,221	61,017	-	1	156,304	0.7	902,464	2.5	39
-	-	-	-	-	-	-	-	4,209	0.0	40
36,238	-	2,405	-	-	-	38,643	0.2	93,630	0.3	41
-	-	-	-	-	-	-	-	113,628	0.3	42
-	-	42	-	-	491	533	0.0	2,056,687	5.7	43
-	-	-	-	-	-	-	-	202,870	0.6	44
145	-	178	1	-	3,231	3,555	0.0	40,663	0.1	45
-	-	9,018	-	-	-	9,018	0.0	970,650	2.7	46
-	-	-	-	-	-	-	-	764,423	2.1	47
-	-	-	-	-	9,418	9,418	0.0	9,418	0.0	48
-	-	-	-	-	-	-	-	69	0.0	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	586,885	1.6	51
-	-	-	-	-	-	-	-	118	0.0	52
492,438	-	-	9,077	-	-	501,515	2.3	877,050	2.4	53
-	-	62,480	-	-	19	62,499	0.3	124,719	0.3	54
85,117	-	6,053	959	150	7,378	99,657	0.5	802,292	2.2	55
1,063,946	186,147	362,876	147,629	150	20,538	1,781,286	8.1	9,503,065	26.2	56
9,404,157	289,235	3,366,541	7,374,819	21,046	1,467,420	21,923,218	100.0	36,249,572	100.0	57



**TRAFFIC BY MAJOR 25 CANADIAN PORTS  
2015**

**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	534	5,367,596	1,678,338	157,690	-	252	281,424	183,498	7,668,798	16.3
Montreal	117	614,522	-	1,547,048	-	-	-	-	2,161,570	4.6
Quebec City	90	1,126,614	59,120	763,946	-	-	-	-	1,949,680	4.1
Baie Comeau	51	-	-	1,341,282	-	-	-	-	1,341,282	2.8
Port Cartier	48	207,580	-	992,004	-	-	-	-	1,199,584	2.5
Toronto	51	1,053,137	-	-	-	-	-	-	1,053,137	2.2
Clarkson/Mississauga	66	847,100	82,848	-	-	-	-	-	929,948	2.0
Tracy/Sorel	49	22,603	-	725,253	-	-	-	-	747,856	1.6
Cote Ste Catherine	78	734,143	7,961	-	-	2,680	-	-	744,784	1.6
Johnstown	35	575,094	-	76,197	-	-	4,785	-	656,076	1.4
Bowmanville	22	429,609	101,290	-	-	-	-	-	530,899	1.1
Trois Rivieres	24	33,833	83,585	360,712	-	-	-	-	478,130	1.0
Sault Ste. Marie	21	444,779	-	-	-	-	-	19,272	464,051	1.0
Valleyfield	129	379,085	-	-	-	4,228	24,823	-	408,136	0.9
Sarnia	49	389,315	-	-	-	-	345	-	389,660	0.8
Oshawa	48	189,010	-	-	-	-	167,789	-	356,799	0.8
Belledune	12	9,921	329,046	-	-	-	-	-	338,967	0.7
Sydney	13	317,982	-	-	-	-	-	-	317,982	0.7
Becancour	13	134,892	-	126,762	-	-	-	-	261,654	0.6
Nanticoke	24	232,213	-	-	-	-	-	-	232,213	0.5
Oakville	39	231,248	-	-	-	-	-	-	231,248	0.5
Picton	9	198,632	28,894	-	-	-	-	-	227,526	0.5
Thorold	15	204,705	17,919	-	-	-	-	-	222,624	0.5
Sept Iles	10	202,035	-	-	-	-	-	-	202,035	0.4
Windsor	31	95,990	-	-	-	-	81,506	-	177,496	0.4
Other Canada	184	802,717	92,259	226,083	-	32,526	32,601	-	1,186,186	2.5
<b>Total Inbound</b>	<b>1,762</b>	<b>14,844,355</b>	<b>2,481,260</b>	<b>6,316,977</b>	<b>-</b>	<b>39,686</b>	<b>593,273</b>	<b>202,770</b>	<b>24,478,321</b>	<b>52.0</b>
<b>OUTBOUND:</b>										
Thunder Bay	338	163,926	-	6,726,135	-	-	-	-	6,890,061	14.6
Port Cartier	125	3,496,192	-	-	-	-	-	-	3,496,192	7.4
Hamilton	87	464,619	-	983,625	-	-	648	-	1,448,892	3.1
Goderich	69	1,293,929	-	101,937	-	-	-	-	1,395,866	3.0
Sept Iles	65	1,189,033	-	-	-	-	-	-	1,189,033	2.5
Bowmanville	103	1,176,475	-	-	-	-	-	-	1,176,475	2.5
Quebec City	53	1,022,958	-	-	-	-	-	-	1,022,958	2.2
Sarnia	100	642,204	-	356,013	-	-	-	-	998,217	2.1
Montreal	90	818,180	-	-	-	-	-	-	818,180	1.7
Ojibway	25	736,097	-	-	-	-	-	-	736,097	1.6
Windsor	48	412,491	-	148,970	-	-	-	-	561,461	1.2
Nanticoke	29	392,729	-	-	-	-	-	-	392,729	0.8
Sault Ste. Marie	22	364,987	-	-	-	-	-	-	364,987	0.8
Little Narrows	14	273,587	-	-	-	-	-	-	273,587	0.6
Tracy/Sorel	22	231,794	-	-	-	-	-	-	231,794	0.5
Clarkson/Mississauga	21	231,352	-	-	-	-	-	-	231,352	0.5
Bath	31	212,298	-	-	-	-	-	-	212,298	0.5
Halifax	7	167,373	-	-	-	-	-	-	167,373	0.4
Johnstown	10	-	-	164,715	-	-	-	-	164,715	0.3
Magdalen Islands	5	122,992	-	-	-	-	-	-	122,992	0.3
Picton	18	118,239	-	-	-	-	-	-	118,239	0.3
Cote Ste Catherine	45	86,185	-	-	-	12,528	-	-	98,713	0.2
Bruce Mines	6	90,349	-	-	-	-	-	-	90,349	0.2
Valleyfield	53	66,606	-	-	-	21,723	270	-	88,599	0.2
Long Pond	6	80,028	-	-	-	-	-	-	80,028	0.2
Other Canada	85	217,416	-	20,839	-	4,624	42	-	242,921	0.5
<b>Total Outbound</b>	<b>1,477</b>	<b>14,072,039</b>	<b>-</b>	<b>8,502,234</b>	<b>-</b>	<b>38,875</b>	<b>960</b>	<b>-</b>	<b>22,614,108</b>	<b>48.0</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  
2015**

**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	93	1,338,804	-	32,652	-	-	11,390	-	1,382,846	8.6
Cleveland	516	667,931	-	-	-	20,165	513,382	-	1,201,478	7.4
Burns Harbour	80	974,707	-	18,206	-	-	170,036	-	1,162,949	7.2
Detroit	173	734,182	-	-	-	211	278,186	-	1,012,579	6.3
Ashtabula	27	452,695	-	-	-	-	25,745	-	478,440	3.0
Chicago	177	40,061	10,961	20,434	-	-	374,040	100	445,596	2.8
Duluth	42	166,531	-	-	-	303	38,566	-	205,400	1.3
Milwaukee	96	-	-	29,336	-	2	150,081	-	179,419	1.1
Oswego	18	178,059	-	-	-	-	-	-	178,059	1.1
Indiana Harbour	5	124,910	-	-	-	-	-	-	124,910	0.8
Ogdensburg	5	89,761	-	-	-	-	-	-	89,761	0.6
Buffalo	13	88,967	-	-	-	-	-	-	88,967	0.6
New York City	8	83,364	-	-	-	-	-	-	83,364	0.5
Lake Michigan	3	49,494	-	-	-	-	-	-	49,494	0.3
Portland	3	34,472	-	-	-	-	-	-	34,472	0.2
Bay City	3	33,594	-	-	-	-	-	-	33,594	0.2
Marinette	4	25,898	4,808	-	-	-	-	-	30,706	0.2
Lake Huron	4	26,474	-	-	-	-	-	-	26,474	0.2
Gary	1	25,909	-	-	-	-	-	-	25,909	0.2
Conneaut	1	23,405	-	-	-	-	-	-	23,405	0.1
Houston	2	21,345	-	-	-	-	-	-	21,345	0.1
Newington	2	21,126	-	-	-	-	-	-	21,126	0.1
Carteret	1	11,722	-	-	-	-	-	-	11,722	0.1
Baton Rouge	3	8,134	-	-	-	-	-	-	8,134	0.1
Whiting	1	5,557	-	-	-	-	-	-	5,557	0.0
Other U.S. Ports	6	10,734	-	-	-	-	850	-	11,584	0.1
<b>Total Inbound</b>	<b>1,287</b>	<b>5,237,836</b>	<b>15,769</b>	<b>100,628</b>	<b>-</b>	<b>20,681</b>	<b>1,562,276</b>	<b>100</b>	<b>6,937,290</b>	<b>43.0</b>
<b>OUTBOUND:</b>										
Superior	78	1,558,186	378,876	208,935	-	-	-	-	2,145,997	13.3
Toledo	91	217,982	612,857	995,626	-	-	-	-	1,826,465	11.3
Duluth	69	130,288	-	878,022	-	-	121	-	1,008,431	6.2
Conneaut	22	-	648,210	-	-	-	-	-	648,210	4.0
Chicago	27	511,172	27,700	78,173	-	-	-	-	617,045	3.8
Sandusky	34	105,648	394,745	-	-	-	-	-	500,393	3.1
Cleveland	134	462,974	-	-	-	6,454	721	-	470,149	2.9
Ashtabula	16	16,139	401,578	-	-	-	-	-	417,717	2.6
Two Harbours	12	326,773	-	-	-	-	-	-	326,773	2.0
Detroit	25	197,891	-	-	-	-	-	-	197,891	1.2
Tampa	10	133,596	-	-	-	-	-	-	133,596	0.8
Lake Michigan	6	128,462	-	-	-	-	-	-	128,462	0.8
Silver Bay	4	115,545	-	-	-	-	-	-	115,545	0.7
Burns Harbour	5	88,172	-	27,352	-	-	-	-	115,524	0.7
Milwaukee	11	497	-	89,539	-	-	2,460	-	92,496	0.6
Green Bay	9	71,139	-	-	-	-	-	-	71,139	0.4
Ludington	11	61,017	-	-	-	-	-	-	61,017	0.4
Indiana Harbour	2	26,586	17,294	-	-	-	-	-	43,880	0.3
Donaldsonville	3	38,120	-	-	-	-	-	-	38,120	0.2
Houston	6	31,293	-	-	-	-	155	-	31,448	0.2
Gary	1	25,673	-	-	-	-	-	-	25,673	0.2
Lorain	1	25,665	-	-	-	-	-	-	25,665	0.2
Port Reading	2	23,955	-	-	-	-	-	-	23,955	0.1
New York City	2	22,214	-	-	-	-	-	-	22,214	0.1
Other New Jersey	3	21,140	-	-	-	-	-	-	21,140	0.1
Other U.S. Ports	21	90,013	-	4,792	-	-	3,210	-	98,015	0.6
<b>Total Outbound</b>	<b>605</b>	<b>4,430,140</b>	<b>2,481,260</b>	<b>2,282,439</b>	<b>-</b>	<b>6,454</b>	<b>6,667</b>	<b>-</b>	<b>9,206,960</b>	<b>57.0</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  
1996 - 2015**

**TABLE C6**

**ST. LAWRENCE SEAWAY**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2013	1,950	1,950	3,900	11,946,988	25,107,681	37,054,669	22,640,639	22,502,914	45,143,553
2014	1,980	1,957	3,937	13,842,660	26,044,382	39,887,042	24,748,282	24,324,218	49,072,500
2015	1,903	1,878	3,781	14,326,354	21,923,218	36,249,572	22,435,191	22,068,722	44,503,913
<b>TOTAL</b>	<b>41,789</b>	<b>40,524</b>	<b>82,313</b>	<b>365,521,323</b>	<b>477,673,130</b>	<b>843,194,453</b>	<b>455,966,163</b>	<b>449,160,782</b>	<b>905,126,945</b>

**CARGO BY TARIFF CLASSIFICATION  
1996 - 2015**

**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
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
2013	22,825,891	61.6	4,453,956	12.0	8,373,966	22.6	-	-	36,653	0.1	1,343,061	3.6	21,142	0.1	37,054,669
2014	20,629,092	51.7	4,204,227	10.5	12,100,960	30.3	-	-	44,073	0.1	2,554,080	6.4	354,610	0.9	39,887,042
2015	20,460,152	56.4	2,497,029	6.9	10,858,549	30.0	-	-	69,797	0.2	2,161,175	6.0	202,870	0.6	36,249,572
<b>TOTAL</b>	<b>496,104,427</b>	<b>58.8</b>	<b>66,475,476</b>	<b>7.9</b>	<b>213,872,919</b>	<b>25.4</b>	<b>165,899</b>	<b>0.0</b>	<b>516,578</b>	<b>0.1</b>	<b>59,825,815</b>	<b>7.1</b>	<b>6,233,339</b>	<b>0.7</b>	<b>843,194,453</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  
2015**

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	Containers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
<b>Ocean:</b> Cargo	300	44	344	5,504,467	1,351,383	15,769	73,876	-	24,468	2,153,784	202,870	3,822,150	13.9
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	99	6	105	1,127,502	1,004,991	-	-	-	-	-	-	1,004,991	3.7
<b>Total Ocean</b>	<b>399</b>	<b>50</b>	<b>449</b>	<b>6,631,969</b>	<b>2,356,374</b>	<b>15,769</b>	<b>73,876</b>	<b>-</b>	<b>24,468</b>	<b>2,153,784</b>	<b>202,870</b>	<b>4,827,141</b>	<b>17.6</b>
<b>Laker:</b> Cargo	267	168	435	8,337,102	6,464,510	-	-	-	4,624	1,749	-	6,470,883	23.6
Barge	52	28	80	498,814	436,612	-	-	-	-	-	-	436,612	1.6
Tanker	72	13	85	723,490	621,033	-	-	-	-	-	-	621,033	2.3
<b>Total Laker</b>	<b>391</b>	<b>209</b>	<b>600</b>	<b>9,559,406</b>	<b>7,522,155</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,624</b>	<b>1,749</b>	<b>-</b>	<b>7,528,528</b>	<b>27.4</b>
<b>Non-Cargo</b>	-	182	182	81,206	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	33	8	41	84,611	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>823</b>	<b>449</b>	<b>1,272</b>	<b>16,357,192</b>	<b>9,878,529</b>	<b>15,769</b>	<b>73,876</b>	<b>-</b>	<b>29,092</b>	<b>2,155,533</b>	<b>202,870</b>	<b>12,355,669</b>	<b>45.0</b>
<b>DOWNBOUND:</b>													
<b>Ocean:</b> Cargo	288	54	342	5,480,480	127,532	-	4,440,944	-	9,430	4,726	-	4,582,632	16.7
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	49	55	104	1,115,751	422,020	-	-	-	-	-	-	422,020	1.5
<b>Total Ocean</b>	<b>337</b>	<b>109</b>	<b>446</b>	<b>6,596,231</b>	<b>549,552</b>	<b>-</b>	<b>4,440,944</b>	<b>-</b>	<b>9,430</b>	<b>4,726</b>	<b>-</b>	<b>5,004,652</b>	<b>18.2</b>
<b>Laker:</b> Cargo	397	35	432	8,272,952	2,948,074	564,010	5,889,292	-	31,275	916	-	9,433,567	34.4
Barge	51	36	87	523,100	320,280	7,961	59,043	-	-	-	-	387,284	1.4
Tanker	30	54	84	715,481	266,117	-	-	-	-	-	-	266,117	1.0
<b>Total Laker</b>	<b>478</b>	<b>125</b>	<b>603</b>	<b>9,511,533</b>	<b>3,534,471</b>	<b>571,971</b>	<b>5,948,335</b>	<b>-</b>	<b>31,275</b>	<b>916</b>	<b>-</b>	<b>10,086,968</b>	<b>36.8</b>
<b>Non-Cargo</b>	-	167	167	80,056	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	33	8	41	84,611	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>848</b>	<b>409</b>	<b>1,257</b>	<b>16,272,431</b>	<b>4,084,023</b>	<b>571,971</b>	<b>10,389,279</b>	<b>-</b>	<b>40,705</b>	<b>5,642</b>	<b>-</b>	<b>15,091,620</b>	<b>55.0</b>
<b>TOTALS:</b>													
<b>Ocean:</b> Cargo	588	98	686	10,984,947	1,478,915	15,769	4,514,820	-	33,898	2,158,510	202,870	8,404,782	30.6
Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanker	148	61	209	2,243,253	1,427,011	-	-	-	-	-	-	1,427,011	5.2
<b>Total Ocean</b>	<b>736</b>	<b>159</b>	<b>895</b>	<b>13,228,200</b>	<b>2,905,926</b>	<b>15,769</b>	<b>4,514,820</b>	<b>-</b>	<b>33,898</b>	<b>2,158,510</b>	<b>202,870</b>	<b>9,831,793</b>	<b>35.8</b>
<b>Laker:</b> Cargo	664	203	867	16,610,054	9,412,584	564,010	5,889,292	-	35,899	2,665	-	15,904,450	57.9
Barge	103	64	167	1,021,914	756,892	7,961	59,043	-	-	-	-	823,896	3.0
Tanker	102	67	169	1,438,971	887,150	-	-	-	-	-	-	887,150	3.2
<b>Total Laker</b>	<b>869</b>	<b>334</b>	<b>1,203</b>	<b>19,070,939</b>	<b>11,056,626</b>	<b>571,971</b>	<b>5,948,335</b>	<b>-</b>	<b>35,899</b>	<b>2,665</b>	<b>-</b>	<b>17,615,496</b>	<b>64.2</b>
<b>Non-Cargo</b>	-	349	349	161,262	-	-	-	-	-	-	-	-	-
<b>Passenger</b>	66	16	82	169,222	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,671</b>	<b>858</b>	<b>2,529</b>	<b>32,629,623</b>	<b>13,962,552</b>	<b>587,740</b>	<b>10,463,155</b>	<b>-</b>	<b>69,797</b>	<b>2,161,175</b>	<b>202,870</b>	<b>27,447,289</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  
2015**

**TABLE M2** **MONTREAL-LAKE ONTARIO SECTION**

COMMODITY	CARGO TONNES (1)								% of Total
	Bulk	Coal	Grains	Govt. Aid	Containers	General	Steel Slabs	Total	
Wheat	-	-	6,501,746	-	-	-	-	6,501,746	23.7
Corn	-	-	574,710	-	-	-	-	574,710	2.1
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	20,434	-	-	-	-	20,434	0.1
Barley	-	-	29,336	-	-	-	-	29,336	0.1
Canola (Rapeseed)	-	-	757,614	-	-	-	-	757,614	2.8
Canola Meal, Pellets	-	-	46,287	-	-	-	-	46,287	0.2
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,959,092	-	376	-	-	1,959,468	7.1
Soybean Oil Cake, Meal, Pellets	-	-	123,723	-	-	-	-	123,723	0.5
Beans and Peas	-	-	182,378	-	-	-	-	182,378	0.7
Flaxseed	-	-	117,975	-	-	-	-	117,975	0.4
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	149,860	-	-	-	-	149,860	0.5
<b>Total Agricultural Products</b>	-	-	10,463,155	-	376	-	-	10,463,531	38.1
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	587,740	-	-	-	-	-	587,740	2.1
Coke	895,506	-	-	-	-	-	-	895,506	3.3
Iron Ore	6,048,504	-	-	-	-	-	-	6,048,504	22.0
Aluminum Ore and Concentrates	101,342	-	-	-	-	-	-	101,342	0.4
Clay and Bentonite	43,126	-	-	-	-	-	-	43,126	0.2
Gravel and Sand	-	-	-	-	-	-	-	-	-
Stone	358,034	-	-	-	-	-	-	358,034	1.3
Salt	1,138,939	-	-	-	-	-	-	1,138,939	4.1
Potash	21,097	-	-	-	-	-	-	21,097	0.1
Gypsum	462,529	-	-	-	-	-	-	462,529	1.7
Asphalt	169,907	-	-	-	-	-	-	169,907	0.6
Other Mine Products	111,400	-	-	-	2,526	-	-	113,926	0.4
<b>Total Mine Products</b>	9,350,384	587,740	-	-	2,526	-	-	9,940,650	36.2
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	7,712	-	-	-	74	-	-	7,786	0.0
<b>Total Forest Products</b>	7,712	-	-	-	74	-	-	7,786	0.0
Gasoline	674,976	-	-	-	-	-	-	674,976	2.5
Fuel Oil	697,833	-	-	-	-	-	-	697,833	2.5
Other Petroleum Products	493,824	-	-	-	17	-	-	493,841	1.8
Chemicals	867,164	-	-	-	5,119	1	-	872,284	3.2
Sodium Products	4,209	-	-	-	-	-	-	4,209	0.0
Tar, Pitch and Creosote	57,392	-	-	-	-	-	-	57,392	0.2
Pig Iron	113,628	-	-	-	-	-	-	113,628	0.4
Iron and Steel	-	-	-	-	2,202	2,054,485	-	2,056,687	7.5
Steel Slabs	-	-	-	-	-	-	202,870	202,870	0.7
Machinery and Machines	3,451	-	-	-	1,167	36,045	-	40,663	0.1
Cement	13,618	-	-	-	-	-	-	13,618	0.0
Cement Clinkers	81,435	-	-	-	-	-	-	81,435	0.3
Woodpulp	9,418	-	-	-	-	-	-	9,418	0.0
Newsprint and Paper Products	-	-	-	-	69	-	-	69	0.0
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	586,885	-	-	-	-	-	-	586,885	2.1
Food Products	-	-	-	-	118	-	-	118	0.0
Furnace Slags	265,433	-	-	-	-	-	-	265,433	1.0
Scrap Iron and Steel	62,480	-	-	-	19	-	-	62,499	0.2
Other Manufactures and Misc. (2)	672,710	-	-	-	58,110	70,644	-	801,464	2.9
<b>Total Manufactures and Misc.</b>	4,604,456	-	-	-	66,821	2,161,175	202,870	7,035,322	25.6
<b>GRAND TOTAL</b>	<b>13,962,552</b>	<b>587,740</b>	<b>10,463,155</b>	<b>-</b>	<b>69,797</b>	<b>2,161,175</b>	<b>202,870</b>	<b>27,447,289</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  
2015**

TABLE M3 - Part A

MONTREAL-LAKE ONTARIO 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	-	-	-	-	5,900	-	5,900	0.0		
2	Corn	-	-	-	-	-	15,206	15,206	0.1		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	20,434	20,434	0.2		
5	Barley	-	-	-	-	-	29,336	29,336	0.2		
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	376	3,000	3,376	0.0		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	-	-	-	-		
15	<b>Total Agricultural Products</b>	-	-	-	-	6,276	67,976	74,252	0.6		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	<b>Total Animal Products</b>	-	-	-	-	-	-	-	-		
20	Bituminous Coal	-	-	-	-	-	15,769	15,769	0.1		
21	Coke	46,400	-	-	-	18,656	-	65,056	0.5		
22	Iron Ore	2,899,187	2,128,163	-	-	-	-	5,027,350	40.7		
23	Aluminum Ore and Concentrates	-	44,358	-	-	56,984	-	101,342	0.8		
24	Clay and Bentonite	-	-	-	-	-	33,523	33,523	0.3		
25	Gravel and Sand	-	-	-	-	-	-	-	-		
26	Stone	355,929	-	-	-	-	2,105	358,034	2.9		
27	Salt	173,789	26,874	-	-	-	-	200,663	1.6		
28	Potash	-	-	-	-	-	-	-	-		
29	Gypsum	413,035	49,494	-	-	-	-	462,529	3.7		
30	Asphalt	34,998	34,664	-	-	-	-	69,662	0.6		
31	Other Mine Products	24,186	29,579	-	-	18	60,143	113,926	0.9		
32	<b>Total Mine Products</b>	3,947,524	2,313,132	-	-	75,658	111,540	6,447,854	52.2		
33	Lumber	-	-	-	-	-	-	-	-		
34	Other Forest Products	-	-	-	-	7,712	74	7,786	0.1		
35	<b>Total Forest Products</b>	-	-	-	-	7,712	74	7,786	0.1		
36	Gasoline	360,054	17,974	84,846	5,557	149,407	-	617,838	5.0		
37	Fuel Oil	305,594	38,183	-	-	-	-	343,777	2.8		
38	Other Petroleum Products	10,167	-	69,169	-	12,178	17	91,531	0.7		
39	Chemicals	-	-	151,222	-	513,812	81,126	746,160	6.0		
40	Sodium Products	-	-	-	-	4,209	-	4,209	0.0		
41	Tar, Pitch and Creosote	-	-	-	-	54,987	-	54,987	0.4		
42	Pig Iron	-	10,799	-	-	-	102,829	113,628	0.9		
43	Iron and Steel	-	-	-	-	542,896	1,513,258	2,056,154	16.6		
44	Steel Slabs	-	-	-	-	202,770	100	202,870	1.6		
45	Machinery and Machines	1,400	404	-	1,501	10,245	23,558	37,108	0.3		
46	Cement	-	4,600	-	-	-	-	4,600	0.0		
47	Cement Clinkers	-	-	-	-	81,435	-	81,435	0.7		
48	Woodpulp	-	-	-	-	-	-	-	-		
49	Newsprint and Paper Products	-	-	-	-	69	-	69	0.0		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	178,419	-	-	-	394,566	13,900	586,885	4.7		
52	Food Products	-	-	-	-	-	118	118	0.0		
53	Furnace Slags	-	82,873	-	-	19,269	80,013	182,155	1.5		
54	Scrap Iron and Steel	-	-	-	-	-	-	-	-		
55	Other Manufactures and Misc. (1)	66,402	245,965	31,380	-	295,288	63,218	702,253	5.7		
56	<b>Total Manufactures and Misc.</b>	922,036	400,798	336,617	7,058	2,281,131	1,878,137	5,825,777	47.2		
57	<b>GRAND TOTAL</b>	4,869,560	2,713,930	336,617	7,058	2,370,777	2,057,727	12,355,669	100.0		

(1) Includes unclassified cargoes.



**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2015**

**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						
	4,291,635	-	1,231,004	187,970	-	785,237	6,495,846	43.0	6,501,746	23.7	1	
	39,839	-	230,772	126,349	-	162,544	559,504	3.7	574,710	2.1	2	
	-	-	-	-	-	-	-	-	-	-	3	
	-	-	-	-	-	-	-	-	20,434	0.1	4	
	-	-	-	-	-	-	-	-	29,336	0.1	5	
	152,774	-	558,769	-	-	46,071	757,614	5.0	757,614	2.8	6	
	-	-	46,287	-	-	-	46,287	0.3	46,287	0.2	7	
	-	-	-	-	-	-	-	-	-	-	8	
	748,366	-	565,803	325,789	-	316,134	1,956,092	13.0	1,959,468	7.1	9	
	41,531	-	82,192	-	-	-	123,723	0.8	123,723	0.5	10	
	-	-	182,378	-	-	-	182,378	1.2	182,378	0.7	11	
	34,082	-	83,893	-	-	-	117,975	0.8	117,975	0.4	12	
	-	-	-	-	-	-	-	-	-	-	13	
	-	-	22,567	-	-	127,293	149,860	1.0	149,860	0.5	14	
	5,308,227	-	3,003,665	640,108	-	1,437,279	10,389,279	68.8	10,463,531	38.1	15	
	-	-	-	-	-	-	-	-	-	-	16	
	-	-	-	-	-	-	-	-	-	-	17	
	-	-	-	-	-	-	-	-	-	-	18	
	-	-	-	-	-	-	-	-	-	-	19	
	-	-	-	571,971	-	-	571,971	3.8	587,740	2.1	20	
	104,759	-	-	725,691	-	-	830,450	5.5	895,506	3.3	21	
	87,839	-	-	933,315	-	-	1,021,154	6.8	6,048,504	22.0	22	
	-	-	-	-	-	-	-	-	101,342	0.4	23	
	-	-	-	-	-	9,603	9,603	0.1	43,126	0.2	24	
	-	-	-	-	-	-	-	-	-	-	25	
	-	-	-	-	-	-	-	-	358,034	1.3	26	
	893,555	-	-	44,721	-	-	938,276	6.2	1,138,939	4.1	27	
	21,097	-	-	-	-	-	21,097	0.1	21,097	0.1	28	
	-	-	-	-	-	-	-	-	462,529	1.7	29	
	63,254	-	-	36,991	-	-	100,245	0.7	169,907	0.6	30	
	-	-	-	-	-	-	-	-	113,926	0.4	31	
	1,170,504	-	-	2,312,689	-	9,603	3,492,796	23.1	9,940,650	36.2	32	
	-	-	-	-	-	-	-	-	-	-	33	
	-	-	-	-	-	-	-	-	7,786	0.0	34	
	-	-	-	-	-	-	-	-	7,786	0.0	35	
	13,866	6,854	36,418	-	-	-	57,138	0.4	674,976	2.5	36	
	262,158	55,598	36,300	-	-	-	354,056	2.3	697,833	2.5	37	
	75,984	84,426	170,761	71,139	-	-	402,310	2.7	493,841	1.8	38	
	16,796	39,269	39,221	30,837	-	1	126,124	0.8	872,284	3.2	39	
	-	-	-	-	-	-	-	-	4,209	0.0	40	
	-	-	2,405	-	-	-	2,405	0.0	57,392	0.2	41	
	-	-	-	-	-	-	-	-	113,628	0.4	42	
	-	-	42	-	-	491	533	0.0	2,056,687	7.5	43	
	-	-	-	-	-	-	-	-	202,870	0.7	44	
	145	-	178	1	-	3,231	3,555	0.0	40,663	0.1	45	
	-	-	9,018	-	-	-	9,018	0.1	13,618	0.0	46	
	-	-	-	-	-	-	-	-	81,435	0.3	47	
	-	-	-	-	-	9,418	9,418	0.1	9,418	0.0	48	
	-	-	-	-	-	-	-	-	69	0.0	49	
	-	-	-	-	-	-	-	-	-	-	50	
	-	-	-	-	-	-	-	-	586,885	2.1	51	
	-	-	-	-	-	-	-	-	118	0.0	52	
	83,278	-	-	-	-	-	83,278	0.6	265,433	1.0	53	
	-	-	62,480	-	-	19	62,499	0.4	62,499	0.2	54	
	85,117	-	6,053	513	150	7,378	99,211	0.7	801,464	2.9	55	
	537,344	186,147	362,876	102,490	150	20,538	1,209,545	8.0	7,035,322	25.6	56	
	7,016,075	186,147	3,366,541	3,055,287	150	1,467,420	15,091,620	100.0	27,447,289	100.0	57	

**TRAFFIC BY MONTH AND TYPE OF CARGO  
2015**

**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	Containers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
March	-	-	-	-	-	-	-	-	-	-	-	-	-
April	61	42	103	1,456,206	618,693	-	-	-	2,485	271,973	-	893,151	3.3
May	83	40	123	1,597,838	918,543	4,808	33,357	-	1,914	283,409	19,272	1,261,303	4.6
June	95	58	153	1,796,251	1,151,989	-	-	-	2,929	234,840	-	1,389,758	5.1
July	84	47	131	1,602,442	1,043,423	-	-	-	1,717	244,157	-	1,289,297	4.7
August	104	48	152	1,757,086	1,286,838	-	-	-	7,062	197,777	40,289	1,531,966	5.6
September	99	43	142	1,827,402	1,046,235	10,961	-	-	4,457	232,427	40,335	1,334,415	4.9
October	112	50	162	2,250,324	1,283,331	-	20,085	-	3,086	241,491	81,997	1,629,990	5.9
November	118	69	187	2,548,456	1,427,420	-	20,434	-	3,651	360,197	20,977	1,832,679	6.7
December	67	52	119	1,521,187	1,102,057	-	-	-	1,791	89,262	-	1,193,110	4.3
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>823</b>	<b>449</b>	<b>1,272</b>	<b>16,357,192</b>	<b>9,878,529</b>	<b>15,769</b>	<b>73,876</b>	<b>-</b>	<b>29,092</b>	<b>2,155,533</b>	<b>202,870</b>	<b>12,355,669</b>	<b>45.0</b>
<b>DOWNBOUND:</b>													
March	-	-	-	-	-	-	-	-	-	-	-	-	-
April	53	18	71	932,543	300,448	-	670,352	-	704	1,320	-	972,824	3.5
May	102	39	141	1,822,446	333,464	115,982	1,293,357	-	1,115	2,357	-	1,746,275	6.4
June	79	54	133	1,636,025	553,246	95,154	692,388	-	8,011	46	-	1,348,845	4.9
July	89	51	140	1,805,042	445,201	67,835	1,086,034	-	815	257	-	1,600,142	5.8
August	86	55	141	1,749,255	264,884	97,005	967,809	-	16,231	182	-	1,346,111	4.9
September	90	48	138	1,649,708	505,989	97,385	866,988	-	4,662	135	-	1,475,159	5.4
October	125	35	160	2,181,963	403,896	68,302	1,708,649	-	7,623	513	-	2,188,983	8.0
November	125	49	174	2,431,470	726,905	30,308	1,710,426	-	1,133	551	-	2,469,323	9.0
December	99	60	159	2,063,979	549,990	-	1,393,276	-	411	281	-	1,943,958	7.1
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>848</b>	<b>409</b>	<b>1,257</b>	<b>16,272,431</b>	<b>4,084,023</b>	<b>571,971</b>	<b>10,389,279</b>	<b>-</b>	<b>40,705</b>	<b>5,642</b>	<b>-</b>	<b>15,091,620</b>	<b>55.0</b>
<b>TOTALS:</b>													
March	-	-	-	-	-	-	-	-	-	-	-	-	-
April	114	60	174	2,388,749	919,141	-	670,352	-	3,189	273,293	-	1,865,975	6.8
May	185	79	264	3,420,284	1,252,007	120,790	1,326,714	-	3,029	285,766	19,272	3,007,578	11.0
June	174	112	286	3,432,276	1,705,235	95,154	692,388	-	10,940	234,886	-	2,738,603	10.0
July	173	98	271	3,407,484	1,488,624	67,835	1,086,034	-	2,532	244,414	-	2,889,439	10.5
August	190	103	293	3,506,341	1,551,722	97,005	967,809	-	23,293	197,959	40,289	2,878,077	10.5
September	189	91	280	3,477,110	1,552,224	108,346	866,988	-	9,119	232,562	40,335	2,809,574	10.2
October	237	85	322	4,432,287	1,687,227	68,302	1,728,734	-	10,709	242,004	81,997	3,818,973	13.9
November	243	118	361	4,979,926	2,154,325	30,308	1,730,860	-	4,784	360,748	20,977	4,302,002	15.7
December	166	112	278	3,585,166	1,652,047	-	1,393,276	-	2,202	89,543	-	3,137,068	11.4
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,671</b>	<b>858</b>	<b>2,529</b>	<b>32,629,623</b>	<b>13,962,552</b>	<b>587,740</b>	<b>10,463,155</b>	<b>-</b>	<b>69,797</b>	<b>2,161,175</b>	<b>202,870</b>	<b>27,447,289</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**  
**1996 - 2015**

**TABLE M5**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2013	1,376	1,392	2,768	10,083,102	18,478,326	28,561,428	17,055,789	17,094,685	34,150,474
2014	1,334	1,323	2,657	12,080,289	17,991,325	30,071,614	17,963,129	17,830,107	35,793,236
2015	1,272	1,257	2,529	12,355,669	15,091,620	27,447,289	16,357,192	16,272,431	32,629,623
<b>TOTAL</b>	<b>27,731</b>	<b>27,820</b>	<b>55,551</b>	<b>307,828,403</b>	<b>320,153,482</b>	<b>627,981,885</b>	<b>332,248,689</b>	<b>332,092,604</b>	<b>664,341,293</b>

**CARGO BY TARIFF CLASSIFICATION  
1996 - 2015**

**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	%	
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
2013	17,045,945	59.7	1,970,046	6.9	8,144,581	28.5	-	-	36,653	0.1	1,343,061	4.7	21,142	0.1	28,561,428
2014	13,349,516	44.4	2,031,888	6.8	11,737,447	39.0	-	-	44,073	0.1	2,554,080	8.5	354,610	1.2	30,071,614
2015	13,962,552	50.9	587,740	2.1	10,463,155	38.1	-	-	69,797	0.3	2,161,175	7.9	202,870	0.7	27,447,289
<b>TOTAL</b>	<b>340,577,111</b>	<b>54.2</b>	<b>14,475,877</b>	<b>2.3</b>	<b>206,245,435</b>	<b>32.8</b>	<b>165,899</b>	<b>0.0</b>	<b>516,578</b>	<b>0.1</b>	<b>59,817,702</b>	<b>9.5</b>	<b>6,183,283</b>	<b>1.0</b>	<b>627,981,885</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  
1996 - 2015**

**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
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
2013	10,083,102	648	728	1,376	18,478,326	1,036	356	1,392	28,561,428	1,684	1,084	2,768
2014	12,080,289	776	558	1,334	17,991,325	1,000	323	1,323	30,071,614	1,776	881	2,657
2015	12,355,669	823	449	1,272	15,091,620	848	409	1,257	27,447,289	1,671	858	2,529
<b>TOTAL</b>	<b>307,828,403</b>	<b>18,730</b>	<b>9,001</b>	<b>27,731</b>	<b>320,153,482</b>	<b>18,666</b>	<b>9,154</b>	<b>27,820</b>	<b>627,981,885</b>	<b>37,396</b>	<b>18,155</b>	<b>55,551</b>

**COMMODITY GROUPS  
1996 - 2015**

**TABLE M8**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2013	8,151,693	28.5	3,508	0.0	13,986,336	49.0	-	-	6,419,891	22.5	28,561,428
2014	11,744,575	39.1	-	-	10,497,096	34.9	-	-	7,829,943	26.0	30,071,614
2015	10,463,531	38.1	-	-	9,940,650	36.2	7,786	0.0	7,035,322	25.6	27,447,289
<b>TOTAL</b>	<b>206,531,119</b>	<b>32.9</b>	<b>398,579</b>	<b>0.1</b>	<b>268,270,713</b>	<b>42.7</b>	<b>435,808</b>	<b>0.1</b>	<b>152,345,666</b>	<b>24.3</b>	<b>627,981,885</b>

**U.S. GRAINS  
1996 - 2015**

**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
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
2013	899,170	52.2	-	-	-	-	-	-	-	-	699,464	40.6	-	-	124,687	7.2	1,723,321
2014	896,043	38.5	220,345	9.5	-	-	42,369	1.8	-	-	1,024,680	44.1	-	-	142,627	6.1	2,326,064
2015	973,207	46.8	288,893	13.9	-	-	46,071	2.2	-	-	641,923	30.9	-	-	127,293	6.1	2,077,387
<b>TOTAL</b>	<b>31,759,954</b>	<b>43.6</b>	<b>14,011,464</b>	<b>19.2</b>	<b>32,736</b>	<b>0.0</b>	<b>259,495</b>	<b>0.4</b>	<b>971,038</b>	<b>1.3</b>	<b>21,979,072</b>	<b>30.1</b>	<b>520,457</b>	<b>0.7</b>	<b>3,376,245</b>	<b>4.6</b>	<b>72,910,461</b>

**CANADIAN GRAINS  
1996 - 2015**

**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
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
2013	4,294,428	67.4	281,923	4.4	2,182	0.0	313,270	4.9	-	-	1,081,022	17.0	113,536	1.8	285,450	4.5	6,371,811
2014	6,315,838	67.5	770,459	8.2	35,153	0.4	690,846	7.4	-	-	1,036,144	11.1	159,719	1.7	342,221	3.7	9,350,380
2015	5,522,639	66.4	270,611	3.3	-	-	711,543	8.6	-	-	1,314,169	15.8	117,975	1.4	374,955	4.5	8,311,892
<b>TOTAL</b>	<b>93,315,045</b>	<b>70.3</b>	<b>3,466,867</b>	<b>2.6</b>	<b>268,729</b>	<b>0.2</b>	<b>6,545,246</b>	<b>4.9</b>	<b>840,399</b>	<b>0.6</b>	<b>12,100,033</b>	<b>9.1</b>	<b>6,469,239</b>	<b>4.9</b>	<b>9,782,040</b>	<b>7.4</b>	<b>132,787,598</b>



**SELECTED MINING COMMODITIES  
1996 - 2015**

**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	%	
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
2013	1,970,046	14.1	1,284,461	9.2	8,751,079	62.6	91,444	0.7	-	-	100,822	0.7	892,241	6.4	896,243	6.4	13,986,336
2014	2,031,888	19.4	1,189,871	11.3	4,932,611	47.0	50,608	0.5	-	-	6,405	0.1	1,554,284	14.8	731,429	7.0	10,497,096
2015	587,740	5.9	895,506	9.0	6,048,504	60.8	43,126	0.4	-	-	358,034	3.6	1,138,939	11.5	868,801	8.7	9,940,650
<b>TOTAL</b>	<b>15,709,869</b>	<b>5.9</b>	<b>21,567,213</b>	<b>8.0</b>	<b>174,534,394</b>	<b>65.1</b>	<b>2,631,133</b>	<b>1.0</b>	<b>185,074</b>	<b>0.1</b>	<b>7,193,505</b>	<b>2.7</b>	<b>21,710,766</b>	<b>8.1</b>	<b>24,738,759</b>	<b>9.2</b>	<b>268,270,713</b>

**SELECTED PROCESSED COMMODITIES**  
**1996 - 2015**

**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	%
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
2013	418,132	6.5	1,453,446	22.6	719,951	11.2	25,111	0.4	137,812	2.1	1,312,363	20.4	-	-	86,382	1.3	2,266,694	35.3
2014	563,281	7.2	1,162,594	14.8	861,020	11.0	-	-	74,383	0.9	2,854,518	36.5	-	-	101,278	1.3	2,212,869	28.3
2015	674,976	9.6	697,833	9.9	872,284	12.4	4,209	0.1	113,628	1.6	2,259,557	32.1	13,618	0.2	62,499	0.9	2,336,718	33.2
<b>TOTAL</b>	<b>10,622,902</b>	<b>7.0</b>	<b>18,428,644</b>	<b>12.1</b>	<b>12,176,188</b>	<b>8.0</b>	<b>1,020,294</b>	<b>0.7</b>	<b>3,931,210</b>	<b>2.6</b>	<b>63,463,161</b>	<b>41.7</b>	<b>1,178,608</b>	<b>0.8</b>	<b>2,388,879</b>	<b>1.6</b>	<b>39,135,780</b>	<b>25.7</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  
2015**

**WELLAND CANAL SECTION**

**TABLE W1**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)									
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Containers	General	Steel Slabs	Total	%	
<b>UPBOUND:</b>														
<b>Ocean:</b>	Cargo	216	69	285	4,559,632	411,086	15,769	73,876	-	21,932	1,672,877	19,372	2,214,912	7.8
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	22	24	46	517,806	239,617	-	-	-	-	-	-	239,617	0.8
	<b>Total Ocean</b>	238	93	331	5,077,438	650,703	15,769	73,876	-	21,932	1,672,877	19,372	2,454,529	8.7
<b>Laker:</b>	Cargo	192	477	669	12,140,002	4,057,493	-	32,652	-	-	1,749	-	4,091,894	14.5
	Barge	101	65	166	1,097,734	960,104	-	-	-	-	-	-	960,104	3.4
	Tanker	47	24	71	621,293	410,264	-	-	-	-	-	-	410,264	1.5
	<b>Total Laker</b>	340	566	906	13,859,029	5,427,861	-	32,652	-	-	1,749	-	5,462,262	19.3
<b>Non-Cargo</b>		-	257	257	119,048	-	-	-	-	-	-	-	-	-
<b>Passenger</b>		9	1	10	42,413	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>		587	917	1,504	19,097,928	6,078,564	15,769	106,528	-	21,932	1,674,626	19,372	7,916,791	28.0
<b>DOWNBOUND:</b>														
<b>Ocean:</b>	Cargo	241	44	285	4,559,673	56,034	-	3,794,432	-	6,454	3,766	-	3,860,686	13.7
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	32	14	46	517,806	299,556	-	-	-	-	-	-	299,556	1.1
	<b>Total Ocean</b>	273	58	331	5,077,479	355,590	-	3,794,432	-	6,454	3,766	-	4,160,242	14.7
<b>Laker:</b>	Cargo	608	53	661	12,002,538	6,936,165	2,473,299	5,760,219	-	-	916	-	15,170,599	53.7
	Barge	86	84	170	1,133,698	596,378	7,961	56,051	-	-	-	-	660,390	2.3
	Tanker	38	33	71	619,880	333,811	-	-	-	-	-	-	333,811	1.2
	<b>Total Laker</b>	732	170	902	13,756,116	7,866,354	2,481,260	5,816,270	-	-	916	-	16,164,800	57.2
<b>Non-Cargo</b>		-	258	258	128,200	-	-	-	-	-	-	-	-	-
<b>Passenger</b>		10	1	11	42,640	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>		1,015	487	1,502	19,004,435	8,221,944	2,481,260	9,610,702	-	6,454	4,682	-	20,325,042	72.0
<b>TOTALS:</b>														
<b>Ocean:</b>	Cargo	457	113	570	9,119,305	467,120	15,769	3,868,308	-	28,386	1,676,643	19,372	6,075,598	21.5
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	54	38	92	1,035,612	539,173	-	-	-	-	-	-	539,173	1.9
	<b>Total Ocean</b>	511	151	662	10,154,917	1,006,293	15,769	3,868,308	-	28,386	1,676,643	19,372	6,614,771	23.4
<b>Laker:</b>	Cargo	800	530	1,330	24,142,540	10,993,658	2,473,299	5,792,871	-	-	2,665	-	19,262,493	68.2
	Barge	187	149	336	2,231,432	1,556,482	7,961	56,051	-	-	-	-	1,620,494	5.7
	Tanker	85	57	142	1,241,173	744,075	-	-	-	-	-	-	744,075	2.6
	<b>Total Laker</b>	1,072	736	1,808	27,615,145	13,294,215	2,481,260	5,848,922	-	-	2,665	-	21,627,062	76.6
<b>Non-Cargo</b>		-	515	515	247,248	-	-	-	-	-	-	-	-	-
<b>Passenger</b>		19	2	21	85,053	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>		1,602	1,404	3,006	38,102,363	14,300,508	2,497,029	9,717,230	-	28,386	1,679,308	19,372	28,241,833	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  
2015**

**TABLE W2** **WELLAND CANAL SECTION**

COMMODITY	CARGO TONNES (1)								% of Total
	Bulk	Coal	Grains	Govt. Aid	Containers	General	Steel Slabs	Total	
Wheat	-	-	6,522,896	-	-	-	-	6,522,896	23.1
Corn	-	-	541,336	-	-	-	-	541,336	1.9
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	20,434	-	-	-	-	20,434	0.1
Barley	-	-	29,336	-	-	-	-	29,336	0.1
Canola (Rapeseed)	-	-	915,304	-	-	-	-	915,304	3.2
Canola Meal, Pellets	-	-	46,287	-	-	-	-	46,287	0.2
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,067,701	-	-	-	-	1,067,701	3.8
Soybean Oil Cake, Meal, Pellets	-	-	123,723	-	-	-	-	123,723	0.4
Beans and Peas	-	-	182,378	-	-	-	-	182,378	0.6
Flaxseed	-	-	117,975	-	-	-	-	117,975	0.4
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	149,860	-	-	-	-	149,860	0.5
<b>Total Agricultural Products</b>	-	-	9,717,230	-	-	-	-	9,717,230	34.4
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	2,497,029	-	-	-	-	-	2,497,029	8.8
Coke	1,306,554	-	-	-	-	-	-	1,306,554	4.6
Iron Ore	4,664,602	-	-	-	-	-	-	4,664,602	16.5
Aluminum Ore and Concentrates	51,508	-	-	-	-	-	-	51,508	0.2
Clay and Bentonite	43,126	-	-	-	-	-	-	43,126	0.2
Gravel and Sand	137,535	-	-	-	-	-	-	137,535	0.5
Stone	128,177	-	-	-	-	-	-	128,177	0.5
Salt	2,890,371	-	-	-	-	-	-	2,890,371	10.2
Potash	99,696	-	-	-	-	-	-	99,696	0.4
Gypsum	49,494	-	-	-	-	-	-	49,494	0.2
Asphalt	273,738	-	-	-	-	-	-	273,738	1.0
Other Mine Products	103,336	-	-	-	2,508	-	-	105,844	0.4
<b>Total Mine Products</b>	9,748,137	2,497,029	-	-	2,508	-	-	12,247,674	43.4
Lumber	-	-	-	-	-	-	-	-	-
Other Forest Products	7,712	-	-	-	74	-	-	7,786	0.0
<b>Total Forest Products</b>	7,712	-	-	-	74	-	-	7,786	0.0
Gasoline	480,061	-	-	-	-	-	-	480,061	1.7
Fuel Oil	651,625	-	-	-	-	-	-	651,625	2.3
Other Petroleum Products	367,374	-	-	-	17	-	-	367,391	1.3
Chemicals	211,732	-	-	-	3,656	1	-	215,389	0.8
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	36,238	-	-	-	-	-	-	36,238	0.1
Pig Iron	113,628	-	-	-	-	-	-	113,628	0.4
Iron and Steel	-	-	-	-	2,202	1,597,710	-	1,599,912	5.7
Steel Slabs	-	-	-	-	-	-	19,372	19,372	0.1
Machinery and Machines	1,906	-	-	-	971	29,959	-	32,836	0.1
Cement	957,032	-	-	-	-	-	-	957,032	3.4
Cement Clinkers	682,988	-	-	-	-	-	-	682,988	2.4
Woodpulp	9,418	-	-	-	-	-	-	9,418	0.0
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	38,793	-	-	-	-	-	-	38,793	0.1
Food Products	-	-	-	-	118	-	-	118	0.0
Furnace Slags	774,503	-	-	-	-	-	-	774,503	2.7
Scrap Iron and Steel	62,220	-	-	-	19	-	-	62,239	0.2
Other Manufactures and Misc. (2)	157,141	-	-	-	18,821	51,638	-	227,600	0.8
<b>Total Manufactures and Misc.</b>	4,544,659	-	-	-	25,804	1,679,308	19,372	6,269,143	22.2
<b>GRAND TOTAL</b>	<b>14,300,508</b>	<b>2,497,029</b>	<b>9,717,230</b>	<b>-</b>	<b>28,386</b>	<b>1,679,308</b>	<b>19,372</b>	<b>28,241,833</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  
2015**

TABLE W3 - Part A

WELLAND CANAL SECTION

NO.	COMMODITY	from: to:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP- BOUN
			CANADA		UNITED STATES		FOREIGN			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		-	32,652	-	-	5,900	-	38,552	0.5
2	Corn		-	-	-	-	-	15,206	15,206	0.2
3	Rye		-	-	-	-	-	-	-	-
4	Oats		-	-	-	-	-	20,434	20,434	0.3
5	Barley		-	-	-	-	-	29,336	29,336	0.4
6	Canola (Rapeseed)		-	-	-	-	-	-	-	-
7	Canola Meal, Pellets		-	-	-	-	-	-	-	-
8	Flour, Wheat & Other Edible		-	-	-	-	-	-	-	-
9	Soybeans		-	-	-	-	-	3,000	3,000	0.0
10	Soybean Oil Cake, Meal, Pellets		-	-	-	-	-	-	-	-
11	Beans and Peas		-	-	-	-	-	-	-	-
12	Flaxseed		-	-	-	-	-	-	-	-
13	Sunflower Seeds		-	-	-	-	-	-	-	-
14	Other Agricultural Products		-	-	-	-	-	-	-	-
15	<b>Total Agricultural Products</b>		-	32,652	-	-	5,900	67,976	106,528	1.3
16	Packing House Products, Edible		-	-	-	-	-	-	-	-
17	Hides, Skins, Pelts, Wool		-	-	-	-	-	-	-	-
18	Other Animal Products		-	-	-	-	-	-	-	-
19	<b>Total Animal Products</b>		-	-	-	-	-	-	-	-
20	Bituminous Coal		-	-	-	-	-	15,769	15,769	0.2
21	Coke		46,400	25,909	-	-	18,656	-	90,965	1.1
22	Iron Ore		382,813	2,128,163	-	-	-	-	2,510,976	31.7
23	Aluminum Ore and Concentrates		-	44,358	-	-	7,150	-	51,508	0.7
24	Clay and Bentonite		-	-	-	-	-	33,523	33,523	0.4
25	Gravel and Sand		-	-	-	-	-	-	-	-
26	Stone		12,800	-	-	-	-	2,105	14,905	0.2
27	Salt		-	26,874	-	-	-	-	26,874	0.3
28	Potash		-	-	-	-	-	-	-	-
29	Gypsum		-	49,494	-	-	-	-	49,494	0.6
30	Asphalt		-	34,664	-	-	-	-	34,664	0.4
31	Other Mine Products		-	45,701	-	-	-	60,143	105,844	1.3
32	<b>Total Mine Products</b>		442,013	2,355,163	-	-	25,806	111,540	2,934,522	37.1
33	Lumber		-	-	-	-	-	-	-	-
34	Other Forest Products		-	-	-	-	7,712	74	7,786	0.1
35	<b>Total Forest Products</b>		-	-	-	-	7,712	74	7,786	0.1
36	Gasoline		208,375	17,974	84,846	5,557	45,604	-	362,356	4.6
37	Fuel Oil		264,479	17,949	-	-	-	-	282,428	3.6
38	Other Petroleum Products		10,167	-	45,659	-	-	17	55,843	0.7
39	Chemicals		-	-	-	-	17,500	71,123	88,623	1.1
40	Sodium Products		-	-	-	-	-	-	-	-
41	Tar, Pitch and Creosote		-	-	-	-	-	-	-	-
42	Pig Iron		-	10,799	-	-	-	102,829	113,628	1.4
43	Iron and Steel		-	-	-	-	86,163	1,513,258	1,599,421	20.2
44	Steel Slabs		-	-	-	-	19,272	100	19,372	0.2
45	Machinery and Machines		-	404	-	1,501	4,141	23,558	29,604	0.4
46	Cement		3,812	953,220	-	-	-	-	957,032	12.1
47	Cement Clinkers		-	682,988	-	-	-	-	682,988	8.6
48	Woodpulp		-	-	-	-	-	-	-	-
49	Newsprint and Paper Products		-	-	-	-	-	-	-	-
50	Syrup and Molasses		-	-	-	-	-	-	-	-
51	Sugar		-	-	-	-	24,893	13,900	38,793	0.5
52	Food Products		-	-	-	-	-	118	118	0.0
53	Furnace Slags		110,189	166,064	-	-	-	80,013	356,266	4.5
54	Scrap Iron and Steel		8,140	54,080	-	-	-	-	62,220	0.8
55	Other Manufactures and Misc. (1)		250	132,498	1,985	-	21,312	63,218	219,263	2.8
56	<b>Total Manufactures and Misc.</b>		605,412	2,035,976	132,490	7,058	218,885	1,868,134	4,867,955	61.5
57	<b>GRAND TOTAL</b>		1,047,425	4,423,791	132,490	7,058	258,303	2,047,724	7,916,791	100.0

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2015**

**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					
	4,284,532	-	1,226,605	187,970	-	785,237	6,484,344	31.9	6,522,896	23.1	1
	12,088	-	20,097	331,401	-	162,544	526,130	2.6	541,336	1.9	2
	-	-	-	-	-	-	-	-	-	-	3
	-	-	-	-	-	-	-	-	20,434	0.1	4
	-	-	-	-	-	-	-	-	29,336	0.1	5
	310,464	-	558,769	-	-	46,071	915,304	4.5	915,304	3.2	6
	-	-	46,287	-	-	-	46,287	0.2	46,287	0.2	7
	-	-	-	-	-	-	-	-	-	-	8
	293,205	-	134,365	320,997	-	316,134	1,064,701	5.2	1,067,701	3.8	9
	41,531	-	82,192	-	-	-	123,723	0.6	123,723	0.4	10
	-	-	182,378	-	-	-	182,378	0.9	182,378	0.6	11
	34,082	-	83,893	-	-	-	117,975	0.6	117,975	0.4	12
	-	-	-	-	-	-	-	-	-	-	13
	-	-	22,567	-	-	127,293	149,860	0.7	149,860	0.5	14
	4,975,902	-	2,357,153	840,368	-	1,437,279	9,610,702	47.3	9,717,230	34.4	15
	-	-	-	-	-	-	-	-	-	-	16
	-	-	-	-	-	-	-	-	-	-	17
	-	-	-	-	-	-	-	-	-	-	18
	-	-	-	-	-	-	-	-	-	-	19
	-	-	-	2,481,260	-	-	2,481,260	12.2	2,497,029	8.8	20
	80,025	-	-	1,135,564	-	-	1,215,589	6.0	1,306,554	4.6	21
	87,839	-	-	2,065,787	-	-	2,153,626	10.6	4,664,602	16.5	22
	-	-	-	-	-	-	-	-	51,508	0.2	23
	-	-	-	-	-	9,603	9,603	0.0	43,126	0.2	24
	-	-	-	137,535	-	-	137,535	0.7	137,535	0.5	25
	113,272	-	-	-	-	-	113,272	0.6	128,177	0.5	26
	2,326,948	82,653	-	433,000	20,896	-	2,863,497	14.1	2,890,371	10.2	27
	79,261	20,435	-	-	-	-	99,696	0.5	99,696	0.4	28
	-	-	-	-	-	-	-	-	49,494	0.2	29
	110,190	-	-	128,884	-	-	239,074	1.2	273,738	1.0	30
	-	-	-	-	-	-	-	-	105,844	0.4	31
	2,797,535	103,088	-	6,382,030	20,896	9,603	9,313,152	45.8	12,247,674	43.4	32
	-	-	-	-	-	-	-	-	-	-	33
	-	-	-	-	-	-	-	-	-	-	34
	-	-	-	-	-	-	-	-	7,786	0.0	35
	74,433	6,854	36,418	-	-	-	117,705	0.6	480,061	1.7	36
	271,863	55,598	36,300	5,436	-	-	369,197	1.8	651,625	2.3	37
	73,406	84,426	82,577	71,139	-	-	311,548	1.5	367,391	1.3	38
	16,796	11,940	37,012	61,017	-	1	126,766	0.6	215,389	0.8	39
	-	-	-	-	-	-	-	-	-	-	40
	36,238	-	-	-	-	-	36,238	0.2	36,238	0.1	41
	-	-	-	-	-	-	-	-	113,628	0.4	42
	-	-	-	-	-	491	491	0.0	1,599,912	5.7	43
	-	-	-	-	-	-	-	-	19,372	0.1	44
	-	-	-	1	-	3,231	3,232	0.0	32,836	0.1	45
	-	-	-	-	-	-	-	-	957,032	3.4	46
	-	-	-	-	-	-	-	-	682,988	2.4	47
	-	-	-	-	-	9,418	9,418	0.0	9,418	0.0	48
	-	-	-	-	-	-	-	-	-	-	49
	-	-	-	-	-	-	-	-	38,793	0.1	50
	-	-	-	-	-	-	-	-	118	0.0	51
	409,160	-	-	9,077	-	-	418,237	2.1	774,503	2.7	52
	-	-	-	-	-	19	19	0.0	62,239	0.2	53
	-	-	-	959	-	7,378	8,337	0.0	227,600	0.8	54
	881,896	158,818	192,307	147,629	-	20,538	1,401,188	6.9	6,269,143	22.2	55
	8,655,333	261,906	2,549,460	7,370,027	20,896	1,467,420	20,325,042	100.0	28,241,833	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO  
2015**

**TABLE W4**

**WELLAND CANAL SECTION**

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk	Coal	Grains	Govt. Aid	Containers	General	Steel Slabs	Total	%
<b>UPBOUND:</b>													
March	-	-	-	-	-	-	-	-	-	-	-	-	-
April	48	103	151	2,102,534	438,962	-	-	-	2,221	182,472	-	623,655	2.2
May	65	115	180	2,189,880	609,722	4,808	33,357	-	1,722	200,128	19,272	869,009	3.1
June	64	110	174	2,160,181	629,701	-	-	-	2,193	174,118	-	806,012	2.9
July	61	114	175	2,048,763	582,661	-	-	-	1,707	180,105	-	764,473	2.7
August	71	91	162	1,903,210	684,851	-	11,813	-	5,469	182,056	-	884,189	3.1
September	72	84	156	2,079,502	778,953	10,961	10,928	-	2,991	192,915	-	996,748	3.5
October	74	116	190	2,468,518	724,094	-	20,085	-	2,514	194,875	-	941,568	3.3
November	85	109	194	2,544,191	941,742	-	20,434	-	1,740	302,016	100	1,266,032	4.5
December	47	75	122	1,601,149	687,878	-	9,911	-	1,375	65,941	-	765,105	2.7
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>587</b>	<b>917</b>	<b>1,504</b>	<b>19,097,928</b>	<b>6,078,564</b>	<b>15,769</b>	<b>106,528</b>	<b>-</b>	<b>21,932</b>	<b>1,674,626</b>	<b>19,372</b>	<b>7,916,791</b>	<b>28.0</b>
<b>DOWNBOUND:</b>													
March	-	-	-	-	-	-	-	-	-	-	-	-	-
April	77	41	118	1,418,710	623,368	163,666	686,271	-	438	1,168	-	1,474,911	5.2
May	133	68	201	2,410,318	934,671	396,299	1,302,372	-	822	2,357	-	2,636,521	9.3
June	104	56	160	2,036,232	1,166,384	352,980	727,208	-	26	46	-	2,246,644	8.0
July	121	56	177	2,249,680	1,157,246	291,216	1,008,180	-	549	257	-	2,457,448	8.7
August	98	54	152	1,842,397	612,403	294,810	969,265	-	1,626	147	-	1,878,251	6.7
September	108	54	162	1,975,543	890,672	308,675	877,131	-	1,408	93	-	2,077,979	7.4
October	129	49	178	2,350,790	850,726	304,504	1,386,940	-	360	407	-	2,542,937	9.0
November	131	58	189	2,445,246	1,025,192	222,432	1,389,855	-	838	9	-	2,638,326	9.3
December	114	51	165	2,275,519	961,282	146,678	1,263,480	-	387	198	-	2,372,025	8.4
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>1,015</b>	<b>487</b>	<b>1,502</b>	<b>19,004,435</b>	<b>8,221,944</b>	<b>2,481,260</b>	<b>9,610,702</b>	<b>-</b>	<b>6,454</b>	<b>4,682</b>	<b>-</b>	<b>20,325,042</b>	<b>72.0</b>
<b>TOTALS:</b>													
March	-	-	-	-	-	-	-	-	-	-	-	-	-
April	125	144	269	3,521,244	1,062,330	163,666	686,271	-	2,659	183,640	-	2,098,566	7.4
May	198	183	381	4,600,198	1,544,393	401,107	1,335,729	-	2,544	202,485	19,272	3,505,530	12.4
June	168	166	334	4,196,413	1,796,085	352,980	727,208	-	2,219	174,164	-	3,052,656	10.8
July	182	170	352	4,298,443	1,739,907	291,216	1,008,180	-	2,256	180,362	-	3,221,921	11.4
August	169	145	314	3,745,607	1,297,254	294,810	981,078	-	7,095	182,203	-	2,762,440	9.8
September	180	138	318	4,055,045	1,669,625	319,636	888,059	-	4,399	193,008	-	3,074,727	10.9
October	203	165	368	4,819,308	1,574,820	304,504	1,407,025	-	2,874	195,282	-	3,484,505	12.3
November	216	167	383	4,989,437	1,966,934	222,432	1,410,289	-	2,578	302,025	100	3,904,358	13.8
December	161	126	287	3,876,668	1,649,160	146,678	1,273,391	-	1,762	66,139	-	3,137,130	11.1
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,602</b>	<b>1,404</b>	<b>3,006</b>	<b>38,102,363</b>	<b>14,300,508</b>	<b>2,497,029</b>	<b>9,717,230</b>	<b>-</b>	<b>28,386</b>	<b>1,679,308</b>	<b>19,372</b>	<b>28,241,833</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  
1996 - 2015**

**TABLE W5**

**WELLAND CANAL SECTION**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2013	1,567	1,566	3,133	6,253,749	22,983,212	29,236,961	19,591,123	19,581,806	39,172,929
2014	1,634	1,638	3,272	7,641,255	24,115,717	31,756,972	21,303,838	21,253,291	42,557,129
2015	1,504	1,502	3,006	7,916,791	20,325,042	28,241,833	19,097,928	19,004,435	38,102,363
<b>TOTAL</b>	<b>32,959</b>	<b>32,995</b>	<b>65,954</b>	<b>219,258,122</b>	<b>452,697,827</b>	<b>671,955,949</b>	<b>393,333,137</b>	<b>392,604,274</b>	<b>785,937,411</b>

**CARGO BY TARIFF CLASSIFICATION  
1996 - 2015**

**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	%	
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
2013	16,623,014	56.9	4,453,956	15.2	7,076,699	24.2	-	-	282	0.0	1,082,402	3.7	608	0.0	29,236,961
2014	14,706,279	46.3	4,204,227	13.2	10,666,290	33.6	-	-	7,554	0.0	1,924,037	6.1	248,585	0.8	31,756,972
2015	14,300,508	50.6	2,497,029	8.8	9,717,230	34.4	-	-	28,386	0.1	1,679,308	5.9	19,372	0.1	28,241,833
<b>TOTAL</b>	<b>355,712,657</b>	<b>52.9</b>	<b>66,380,615</b>	<b>9.9</b>	<b>201,354,894</b>	<b>30.0</b>	<b>139,676</b>	<b>0.0</b>	<b>74,212</b>	<b>0.0</b>	<b>45,947,341</b>	<b>6.8</b>	<b>2,346,554</b>	<b>0.3</b>	<b>671,955,949</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  
1996 - 2015**

**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
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
2013	6,253,749	443	1,124	1,567	22,983,212	1,159	407	1,566	29,236,961	1,602	1,531	3,133
2014	7,641,255	537	1,097	1,634	24,115,717	1,222	416	1,638	31,756,972	1,759	1,513	3,272
2015	7,916,791	587	917	1,504	20,325,042	1,015	487	1,502	28,241,833	1,602	1,404	3,006
<b>TOTAL</b>	<b>219,258,122</b>	<b>14,322</b>	<b>18,637</b>	<b>32,959</b>	<b>452,697,827</b>	<b>23,139</b>	<b>9,856</b>	<b>32,995</b>	<b>671,955,949</b>	<b>37,461</b>	<b>28,493</b>	<b>65,954</b>

**COMMODITY GROUPS**  
**1996 - 2015**

**TABLE W8**

**WELLAND CANAL SECTION**

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2013	7,076,699	24.2	-	-	16,033,061	54.8	-	-	6,127,201	21.0	29,236,961
2014	10,666,349	33.6	-	-	14,212,844	44.8	-	-	6,877,779	21.7	31,756,972
2015	9,717,230	34.4	-	-	12,247,674	43.4	7,786	0.0	6,269,143	22.2	28,241,833
<b>TOTAL</b>	<b>201,428,767</b>	<b>30.0</b>	<b>74,191</b>	<b>0.0</b>	<b>320,558,965</b>	<b>47.7</b>	<b>409,306</b>	<b>0.1</b>	<b>149,484,720</b>	<b>22.2</b>	<b>671,955,949</b>

**U.S. GRAINS  
1996 - 2015**

**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	%	
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
2013	899,170	52.3	-	-	-	-	-	-	-	-	694,582	40.4	-	-	124,687	7.3	1,718,439
2014	896,043	37.3	298,676	12.4	-	-	42,369	1.8	-	-	1,024,680	42.6	-	-	142,627	5.9	2,404,395
2015	973,207	42.7	493,945	21.7	-	-	46,071	2.0	-	-	637,131	28.0	-	-	127,293	5.6	2,277,647
<b>TOTAL</b>	<b>31,759,954</b>	<b>41.6</b>	<b>17,182,939</b>	<b>22.5</b>	<b>32,736</b>	<b>0.0</b>	<b>316,077</b>	<b>0.4</b>	<b>971,038</b>	<b>1.3</b>	<b>22,309,725</b>	<b>29.2</b>	<b>520,457</b>	<b>0.7</b>	<b>3,332,281</b>	<b>4.4</b>	<b>76,425,207</b>

**CANADIAN GRAINS  
1996 - 2015**

**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	%	
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
2013	4,064,898	76.6	93,145	1.8	2,182	0.0	455,939	8.6	-	-	293,661	5.5	113,536	2.1	285,450	5.4	5,308,811
2014	6,111,484	74.5	254,739	3.1	35,153	0.4	858,239	10.5	-	-	439,337	5.4	159,719	1.9	342,221	4.2	8,200,892
2015	5,543,789	75.3	32,185	0.4	-	-	869,233	11.8	-	-	427,570	5.8	117,975	1.6	374,955	5.1	7,365,707
<b>TOTAL</b>	<b>92,048,619</b>	<b>74.0</b>	<b>1,413,092</b>	<b>1.1</b>	<b>261,108</b>	<b>0.2</b>	<b>7,713,522</b>	<b>6.2</b>	<b>833,702</b>	<b>0.7</b>	<b>5,587,452</b>	<b>4.5</b>	<b>6,469,239</b>	<b>5.2</b>	<b>10,072,880</b>	<b>8.1</b>	<b>124,399,614</b>

## SELECTED MINING COMMODITIES

1996 - 2015

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	%	
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
2013	4,453,956	27.8	1,414,934	8.8	6,792,569	42.4	91,444	0.6	125,132	0.8	315,707	2.0	2,267,310	14.1	572,009	3.6	16,033,061
2014	4,204,227	29.6	1,487,269	10.5	4,517,320	31.8	50,608	0.4	123,117	0.9	360,410	2.5	3,012,803	21.2	457,090	3.2	14,212,844
2015	2,497,029	20.4	1,306,554	10.7	4,664,602	38.1	43,126	0.4	137,535	1.1	128,177	1.0	2,890,371	23.6	580,280	4.7	12,247,674
<b>TOTAL</b>	<b>80,129,830</b>	<b>25.0</b>	<b>26,158,899</b>	<b>8.2</b>	<b>130,030,582</b>	<b>40.6</b>	<b>2,630,333</b>	<b>0.8</b>	<b>3,372,553</b>	<b>1.1</b>	<b>15,911,699</b>	<b>5.0</b>	<b>48,328,827</b>	<b>15.1</b>	<b>13,996,242</b>	<b>4.4</b>	<b>320,558,965</b>

**SELECTED PROCESSED COMMODITIES**  
**1996 - 2015**

**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	%
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
2013	262,790	4.3	1,316,976	21.5	256,228	4.2	-	-	135,601	2.2	1,043,009	17.0	732,134	11.9	82,054	1.3	2,298,409	37.5
2014	306,133	4.5	1,056,948	15.4	325,457	4.7	-	-	74,383	1.1	2,133,660	31.0	865,840	12.6	120,015	1.7	1,995,343	29.0
2015	480,061	7.7	651,625	10.4	215,389	3.4	-	-	113,628	1.8	1,619,284	25.8	957,032	15.3	62,239	1.0	2,169,885	34.6
<b>TOTAL</b>	<b>5,351,995</b>	<b>3.6</b>	<b>14,480,658</b>	<b>9.7</b>	<b>7,650,385</b>	<b>5.1</b>	<b>653,463</b>	<b>0.4</b>	<b>3,627,233</b>	<b>2.4</b>	<b>46,872,994</b>	<b>31.4</b>	<b>22,801,192</b>	<b>15.3</b>	<b>3,347,748</b>	<b>2.2</b>	<b>44,699,052</b>	<b>29.9</b>

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



## NOTES