



# **The St. Lawrence Seaway**

**2023 Traffic Report**

# **THE ST. LAWRENCE SEAWAY TRAFFIC REPORT 2023 NAVIGATION SEASON**

PREPARED BY  
THE ST. LAWRENCE SEAWAY MANAGEMENT CORPORATION  
AND THE  
GREAT LAKES ST. 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 Great Lakes St. 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 2023 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.

Starting in 2020, passenger vessels are considered to be non-cargo vessels.

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.

**The use of the Harmonized Commodity Coding system was introduced in 2017 with some impact on how statistical data are tabulated. Notes were added to impacted tables.**

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

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**PART I**

**ST. LAWRENCE SEAWAY TOLL TRAFFIC**

**DEFINITIONS**

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## DEFINITIONS

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

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

<b>Bulk Cargo</b>	<i>The tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls</i>
<b>Cargo Tonnes</b>	<i>The tonnes of cargo carried by a vessel on each or any transit.</i>
<b>Coal Cargo</b>	<i>The tonnes of cargo assessed at the Coal rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls. Previous to 1999, coal was listed under Bulk.</i>
<b>Combined Traffic</b>	<i>Represents total cargo traffic and vessel movements through the St. Lawrence Seaway. It is not the summation of traffic and vessel movements on both sectors. It represents total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.</i>
<b>Commodity</b>	<i>The classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United States.</i>
<b>Container Cargo</b>	<i>The tonnes of cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Destination</b>	<i>The country/port in which the cargo was unloaded.</i>
<b>General Cargo</b>	<i>The tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Government Aid Cargo</b>	<i>The tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Grain Cargo</b>	<i>The tonnes of cargo assessed at the Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
<b>Gross Registered Tonnage</b>	<i>The gross registered tonnage of a vessel according to the prescribed rules for measurement under the International Convention on Tonnage Measurement of Ships, 1969.</i>

<b>Mixed Cargo</b>	<i>Indicates that a vessel carried a combination of Bulk, Coal, Grain, Government Aid, Containers, General or Steel Slab cargoes.</i>
<b>Origin</b>	<i>The country/port in which the cargo was loaded.</i>
<b>Passenger</b>	<i>In Table S1, the Gross Registered Tonnage for the Passenger Vessels is 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 up-bound 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" is 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  
2023**

**TABLE S1**

TRAFFIC AND REVENUE	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance 2022%	Tonnes and Transits	% of Total	Variance 2022%	Tonnes and Transits	% of Total	Variance 2022%
<b>Cargo Tonnes by Toll Classification:</b>									
Bulk (1)	22,663,991	60.3	3.9	16,665,789	57.2	1.3	16,099,122	58.8	6.0
Coal	2,017,661	5.4	14.0	163,592	0.6	- 31.2	2,017,661	7.4	14.0
Grains	10,495,934	27.9	5.0	9,927,561	34.1	4.2	7,944,637	29.0	8.0
Government Aid	-	-	-	-	-	-	-	-	-
Containers	78,505	0.2	- 27.8	78,505	0.3	- 27.8	26,517	0.1	- 60.1
General Cargo	1,899,472	5.1	- 19.5	1,899,472	6.5	- 19.5	1,234,623	4.5	- 13.8
Steel Slabs	405,702	1.1	44.9	405,702	1.4	44.9	42,499	0.2	124.2
<b>Total Cargo Tonnes</b>	<b>37,561,265</b>	<b>100.0</b>	<b>3.4</b>	<b>29,140,621</b>	<b>100.0</b>	<b>0.6</b>	<b>27,365,059</b>	<b>100.0</b>	<b>5.9</b>
<b>Gross Registered Tonnage: (3)</b>									
Cargo Vessels	51,577,884	97.4	2.3	38,035,340	98.3	- 1.7	42,874,320	97.2	3.1
Non-Cargo Vessels	1,386,821	2.6	53.8	643,080	1.7	62.3	1,226,739	2.8	45.7
<b>Total Gross Registered Tonnage</b>	<b>52,964,705</b>	<b>100.0</b>	<b>3.2</b>	<b>38,678,420</b>	<b>100.0</b>	<b>- 1.0</b>	<b>44,101,059</b>	<b>100.0</b>	<b>3.9</b>
<b>Vessel Transits: (3)</b>									
Loaded Cargo Vessels	2,112	53.7	- 0.1	1,651	61.4	- 1.9	1,541	49.3	1.4
Ballast Cargo Vessels	1,085	27.6	- 2.9	663	24.7	- 3.9	1,063	34.0	- 3.1
Non-Cargo Vessels	737	18.7	- 5.1	374	13.9	- 4.1	524	16.8	- 2.1
<b>Total Vessel Transits</b>	<b>3,934</b>	<b>100.0</b>	<b>- 1.8</b>	<b>2,688</b>	<b>100.0</b>	<b>- 2.7</b>	<b>3,128</b>	<b>100.0</b>	<b>- 0.8</b>
<b>Additional Information: (3)</b>	<b>Number</b>			<b>Number</b>			<b>Number</b>		
Pleasure Craft Lockages	9,354	-	0.6	5,946	-	3.6	3,408	-	- 4.3

REVENUE (2)	Revenue	% of Total	Variance 2022%	Revenue	% of Total	Variance 2022%	Revenue	% of Total	Variance 2022%
<b>Traffic Revenue (\$) by Toll Classification (3)</b>	\$			\$			\$		
Bulk (1)	33,333,883	40.5	7.1	19,698,213	50.4	5.0	13,635,670	31.5	10.3
Coal	1,849,315	2.2	15.2	118,946	0.3	- 23.0	1,730,370	4.0	19.3
Grains	14,506,846	17.6	10.1	7,700,674	19.7	8.3	6,806,172	15.7	12.2
Government Aid	-	-	-	-	-	-	-	-	-
Containers	77,484	0.1	- 42.1	59,198	0.2	- 34.0	18,286	0.0	- 58.4
General Cargo	7,375,088	9.0	- 14.8	5,691,647	14.6	- 16.0	1,683,441	3.9	- 10.5
Steel Slabs	1,142,239	1.4	50.4	1,104,753	2.8	49.0	37,486	0.1	108.3
Gross Registered Tonnage	13,629,835	16.6	7.6	4,683,264	12.0	4.2	8,946,571	20.7	9.5
Lockage Fees	10,378,158	12.6	6.8	-	-	-	10,378,158	24.0	6.8
<b>Total Tolls - Current Shipping Season</b>	<b>82,292,848</b>	<b>100.0</b>	<b>5.7</b>	<b>39,056,695</b>	<b>100.0</b>	<b>2.5</b>	<b>43,236,153</b>	<b>100.0</b>	<b>8.9</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.

(3) Passenger vessels included in non-cargo vessels.

**COMMODITY SUMMARY  
2023**

**TABLE S2**

SUMMARY OF MAJOR COMMODITIES	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance 2022%	Tonnes	% of Total	Variance 2022%	Tonnes	% of Total	Variance 2022%
<b>Agricultural Products:</b>									
Wheat	6,476,332	17.2	28.4	6,158,262	21.1	30.2	5,877,333	21.5	26.4
Corn	1,419,865	3.8	- 7.0	1,342,699	4.6	- 12.1	438,404	1.6	- 5.7
Rye	-	-	-	-	-	-	-	-	-
Oats	3,752	0.0	- 84.4	3,752	0.0	- 84.4	3,752	0.0	- 84.4
Barley	-	-	- 100.0	-	-	- 100.0	-	-	- 100.0
Soybeans	1,545,702	4.1	- 35.4	1,545,702	5.3	- 35.4	615,045	2.2	- 49.9
Flaxseed	3,466	0.0	-	3,466	0.0	-	3,466	0.0	-
Canola (Rapeseed)	666,464	1.8	6.5	493,327	1.7	4.5	666,464	2.4	6.5
Other Grains	380,373	1.0	6.0	380,373	1.3	6.0	340,193	1.2	1.0
<i>Total Grains</i>	10,495,954	27.9	5.1	9,927,581	34.1	4.3	7,944,657	29.0	8.2
Other Agricultural Products	6,461	0.0	- 66.8	6,461	0.0	- 66.8	6,461	0.0	- 66.8
<b>Total Agricultural Products</b>	10,502,415	28.0	5.0	9,934,042	34.1	4.2	7,951,118	29.1	8.0
<b>Mine Products:</b>									
Iron Ore	6,321,190	16.8	1.9	4,896,124	16.8	- 12.1	4,407,406	16.1	12.4
Coal	2,017,661	5.4	14.0	163,592	0.6	- 31.2	2,017,661	7.4	14.0
Coke	1,459,346	3.9	- 11.3	1,029,823	3.5	- 22.6	1,418,273	5.2	- 4.8
Stone, Ground, Crushed, or Rough	236,054	0.6	44.3	97,656	0.3	- 5.7	153,434	0.6	26.9
Salt	3,088,958	8.2	- 4.6	1,178,789	4.0	8.8	2,907,171	10.6	- 3.5
Other Mine Products	3,145,006	8.4	22.7	2,914,933	10.0	26.5	2,145,910	7.8	20.9
<b>Total Mine Products</b>	16,268,215	43.3	4.4	10,280,917	35.3	- 3.3	13,049,855	47.7	7.9
<b>Processed Products:</b>									
Iron and Steel	1,828,987	4.9	- 16.9	1,828,987	6.3	- 16.8	1,168,439	4.3	- 11.0
Steel Slabs	405,702	1.1	30.6	405,702	1.4	30.6	42,499	0.2	124.2
Petroleum Products	2,600,215	6.9	5.6	2,206,303	7.6	2.3	2,037,863	7.4	7.1
Chemicals	737,826	2.0	2.2	685,094	2.4	- 0.9	200,413	0.7	- 6.3
Other Processed Products	5,169,345	13.8	3.0	3,751,016	12.9	9.8	2,868,156	10.5	- 0.9
<b>Total Processed Products</b>	10,742,075	28.6	0.3	8,877,102	30.5	1.2	6,317,370	23.1	- 0.4
<b>Miscellaneous Cargo:</b>									
Forest Products	46,701	0.1	30.4	46,701	0.2	30.4	46,701	0.2	30.4
Animal Products	1,859	0.0	25.7	1,859	0.0	25.7	15	0.0	-
<b>Total Miscellaneous Cargo</b>	48,560	0.1	30.2	48,560	0.2	30.2	46,716	0.2	30.5
<b>GRAND TOTAL</b>	<b>37,561,265</b>	<b>100.0</b>	<b>3.4</b>	<b>29,140,621</b>	<b>100.0</b>	<b>0.6</b>	<b>27,365,059</b>	<b>100.0</b>	<b>5.9</b>

**ACTUAL OPENING AND CLOSING DATES OF NAVIGATION  
2004 - 2023**

**TABLE S3**

YEAR	MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Opening	Closing	Days of Navigation	Opening	Closing	Days of Navigation
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
2016	March 23	December 31	284	March 21	December 31	286
2017	March 20	January 11	298	March 20	December 31	287
2018	March 29	December 31	278	March 29	December 31	278
2019	March 26	December 31	281	March 22	January 8	293
2020	April 1	December 31	275	March 24	January 7	290
2021	March 22	January 1	286	March 19	January 7	295
2022	March 22	January 1	286	March 24	January 9	292
2023	March 22	January 5	290	March 22	January 7	292

**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  
2023**

TABLE C1

ST. LAWRENCE SEAWAY

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES									
	Loaded	Ballast	Total		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%	
<b>UPBOUND:</b>														
<b>Ocean:</b>	Cargo	315	36	351	6,136,033	2,124,874	-	118,065	-	22,322	1,885,482	382,990	4,533,733	12.1
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	73	19	92	1,012,983	733,065	-	-	-	-	-	-	733,065	2.0
	<b>Total Ocean</b>	<b>388</b>	<b>55</b>	<b>443</b>	<b>7,149,016</b>	<b>2,857,939</b>	<b>-</b>	<b>118,065</b>	<b>-</b>	<b>22,322</b>	<b>1,885,482</b>	<b>382,990</b>	<b>5,266,798</b>	<b>14.0</b>
<b>Laker:</b>	Cargo	308	561	869	15,950,782	5,543,101	-	100,367	-	8,003	2,064	-	5,653,535	15.1
	Barge	75	49	124	884,483	680,247	-	-	-	-	-	-	680,247	1.8
	Tanker	55	113	168	1,914,703	532,852	-	-	-	-	-	-	532,852	1.4
	<b>Total Laker</b>	<b>438</b>	<b>723</b>	<b>1,161</b>	<b>18,749,968</b>	<b>6,756,200</b>	<b>-</b>	<b>100,367</b>	<b>-</b>	<b>8,003</b>	<b>2,064</b>	<b>-</b>	<b>6,866,634</b>	<b>18.3</b>
<b>Non-Cargo (2)</b>		-	369	369	690,547	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>		<b>826</b>	<b>1,147</b>	<b>1,973</b>	<b>26,589,531</b>	<b>9,614,139</b>	<b>-</b>	<b>218,432</b>	<b>-</b>	<b>30,325</b>	<b>1,887,546</b>	<b>382,990</b>	<b>12,133,432</b>	<b>32.3</b>
<b>DOWNBOUND:</b>														
<b>Ocean:</b>	Cargo	306	44	350	6,107,301	1,724,587	-	3,635,426	-	21,082	11,926	22,712	5,415,733	14.4
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	45	44	89	976,198	366,530	-	-	-	-	-	-	366,530	1.0
	<b>Total Ocean</b>	<b>351</b>	<b>88</b>	<b>439</b>	<b>7,083,499</b>	<b>2,091,117</b>	<b>-</b>	<b>3,635,426</b>	<b>-</b>	<b>21,082</b>	<b>11,926</b>	<b>22,712</b>	<b>5,782,263</b>	<b>15.4</b>
<b>Laker:</b>	Cargo	733	129	862	15,788,211	8,986,032	2,017,661	6,574,768	-	27,098	-	-	17,605,559	46.9
	Barge	64	60	124	881,196	508,845	-	67,308	-	-	-	-	576,153	1.5
	Tanker	138	31	169	1,925,994	1,463,858	-	-	-	-	-	-	1,463,858	3.9
	<b>Total Laker</b>	<b>935</b>	<b>220</b>	<b>1,155</b>	<b>18,595,401</b>	<b>10,958,735</b>	<b>2,017,661</b>	<b>6,642,076</b>	<b>-</b>	<b>27,098</b>	<b>-</b>	<b>-</b>	<b>19,645,570</b>	<b>52.3</b>
<b>Non-Cargo (2)</b>		-	368	368	696,274	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>		<b>1,286</b>	<b>676</b>	<b>1,962</b>	<b>26,375,174</b>	<b>13,049,852</b>	<b>2,017,661</b>	<b>10,277,502</b>	<b>-</b>	<b>48,180</b>	<b>11,926</b>	<b>22,712</b>	<b>25,427,833</b>	<b>67.7</b>
<b>TOTALS:</b>														
<b>Ocean:</b>	Cargo	621	80	701	12,243,334	3,849,461	-	3,753,491	-	43,404	1,897,408	405,702	9,949,466	26.5
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	118	63	181	1,989,181	1,099,595	-	-	-	-	-	-	1,099,595	2.9
	<b>Total Ocean</b>	<b>739</b>	<b>143</b>	<b>882</b>	<b>14,232,515</b>	<b>4,949,056</b>	<b>-</b>	<b>3,753,491</b>	<b>-</b>	<b>43,404</b>	<b>1,897,408</b>	<b>405,702</b>	<b>11,049,061</b>	<b>29.4</b>
<b>Laker:</b>	Cargo	1,041	690	1,731	31,738,993	14,529,133	2,017,661	6,675,135	-	35,101	2,064	-	23,259,094	61.9
	Barge	139	109	248	1,765,679	1,189,092	-	67,308	-	-	-	-	1,256,400	3.3
	Tanker	193	144	337	3,840,697	1,996,710	-	-	-	-	-	-	1,996,710	5.3
	<b>Total Laker</b>	<b>1,373</b>	<b>943</b>	<b>2,316</b>	<b>37,345,369</b>	<b>17,714,935</b>	<b>2,017,661</b>	<b>6,742,443</b>	<b>-</b>	<b>35,101</b>	<b>2,064</b>	<b>-</b>	<b>26,512,204</b>	<b>70.6</b>
<b>Non-Cargo (2)</b>		-	737	737	1,386,821	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>		<b>2,112</b>	<b>1,823</b>	<b>3,935</b>	<b>52,964,705</b>	<b>22,663,991</b>	<b>2,017,661</b>	<b>10,495,934</b>	<b>-</b>	<b>78,505</b>	<b>1,899,472</b>	<b>405,702</b>	<b>37,561,265</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 passenger vessels.

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO  
2023**

**TABLE C2**

**ST. LAWRENCE SEAWAY**

COMMODITY	CARGO TONNES								% of Total
	Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	
Wheat	-	-	6,476,332	-	-	-	-	6,476,332	17.2
Corn	-	-	1,419,865	-	-	-	-	1,419,865	3.8
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	3,752	-	-	-	-	3,752	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	666,464	-	-	-	-	666,464	1.8
Canola Meal, Pellets	-	-	25,134	-	-	-	-	25,134	0.1
Flour, Wheat & Other Edible	6,397	-	-	-	-	-	-	6,397	0.0
Soybeans	-	-	1,545,702	-	-	-	-	1,545,702	4.1
Soybean Oil Cake, Meal, Pellets	-	-	142,237	-	-	-	-	142,237	0.4
Beans and Peas	-	-	-	-	-	-	-	-	-
Flaxseed	-	-	3,466	-	-	-	-	3,466	0.0
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	212,982	-	84	-	-	213,066	0.6
<b>Total Agricultural Products</b>	<b>6,397</b>	<b>-</b>	<b>10,495,934</b>	<b>-</b>	<b>84</b>	<b>-</b>	<b>-</b>	<b>10,502,415</b>	<b>28.0</b>
Packing House Products, Edible	1,844	-	-	-	-	-	-	1,844	0.0
Hides, Skins, Pelts, Wool	-	-	-	-	15	-	-	15	0.0
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	<b>1,844</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>1,859</b>	<b>0.0</b>
Bituminous Coal	-	2,017,661	-	-	-	-	-	2,017,661	5.4
Coke	1,459,346	-	-	-	-	-	-	1,459,346	3.9
Iron Ore	6,321,190	-	-	-	-	-	-	6,321,190	16.8
Aluminum Ore and Concentrates	140,396	-	-	-	-	-	-	140,396	0.4
Clay and Bentonite	10,429	-	-	-	-	-	-	10,429	0.0
Gravel and Sand	130,737	-	-	-	2,570	-	-	133,307	0.4
Stone	236,054	-	-	-	-	-	-	236,054	0.6
Salt	3,088,958	-	-	-	-	-	-	3,088,958	8.2
Potash	1,548,983	-	-	-	-	-	-	1,548,983	4.1
Gypsum	894,551	-	-	-	-	-	-	894,551	2.4
Asphalt	266,583	-	-	-	-	-	-	266,583	0.7
Other Mine Products	150,718	-	-	-	39	-	-	150,757	0.4
<b>Total Mine Products</b>	<b>14,247,945</b>	<b>2,017,661</b>	<b>-</b>	<b>-</b>	<b>2,609</b>	<b>-</b>	<b>-</b>	<b>16,268,215</b>	<b>43.3</b>
Lumber	38,804	-	-	-	-	-	-	38,804	0.1
Other Forest Products	-	-	-	-	7,897	-	-	7,897	0.0
<b>Total Forest Products</b>	<b>38,804</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,897</b>	<b>-</b>	<b>-</b>	<b>46,701</b>	<b>0.1</b>
Gasoline	828,421	-	-	-	-	-	-	828,421	2.2
Fuel Oil	1,748,572	-	-	-	174	-	-	1,748,746	4.7
Other Petroleum Products	22,803	-	-	-	245	-	-	23,048	0.1
Chemicals	724,609	-	-	-	13,217	-	-	737,826	2.0
Sodium Products	9,068	-	-	-	281	-	-	9,349	0.0
Tar, Pitch and Creosote	36,494	-	-	-	-	-	-	36,494	0.1
Pig Iron	62,131	-	-	-	-	-	-	62,131	0.2
Iron and Steel	631	-	-	-	304	1,828,052	-	1,828,987	4.9
Steel Slabs	-	-	-	-	-	-	405,702	405,702	1.1
Machinery and Machines	342	-	-	-	1,078	16,467	-	17,887	0.0
Cement	1,469,741	-	-	-	-	-	-	1,469,741	3.9
Cement Clinkers	569,145	-	-	-	-	-	-	569,145	1.5
Woodpulp	20,432	-	-	-	489	-	-	20,921	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	779,983	-	-	-	55	-	-	780,038	2.1
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	1,069,982	-	-	-	-	-	-	1,069,982	2.8
Scrap Iron and Steel	54,323	-	-	-	-	-	-	54,323	0.1
Other Manufactures and Misc. (2)	972,324	-	-	-	52,057	54,953	-	1,079,334	2.9
<b>Total Manufactures and Misc.</b>	<b>8,369,001</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>67,900</b>	<b>1,899,472</b>	<b>405,702</b>	<b>10,742,075</b>	<b>28.6</b>
<b>GRAND TOTAL</b>	<b>22,663,991</b>	<b>2,017,661</b>	<b>10,495,934</b>	<b>-</b>	<b>78,505</b>	<b>1,899,472</b>	<b>405,702</b>	<b>37,561,265</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  
2023**

**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	-	23,201	-	-	-	-	23,201	0.2		
2	Corn	-	77,166	-	-	-	-	77,166	0.6		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	-	-	-		
5	Barley	-	-	-	-	-	-	-	-		
6	Canola (Rapeseed)	-	-	-	-	107,065	-	107,065	0.9		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	-	-	-	-		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	-	11,084	11,084	0.1		
15	<b>Total Agricultural Products</b>	-	100,367	-	-	107,065	11,084	218,516	1.8		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	15	15	0.0		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	<b>Total Animal Products</b>	-	-	-	-	-	15	15	0.0		
20	Bituminous Coal	-	-	-	-	-	-	-	-		
21	Coke	38,270	55,622	39,000	-	41,829	81,602	256,323	2.1		
22	Iron Ore	1,913,784	18,162	-	-	-	-	1,931,946	15.9		
23	Aluminum Ore and Concentrates	-	104,866	-	-	35,530	-	140,396	1.2		
24	Clay and Bentonite	-	-	-	-	-	-	-	-		
25	Gravel and Sand	-	-	-	-	428	2,346	2,774	0.0		
26	Stone	87,491	-	-	-	19,418	15,036	121,945	1.0		
27	Salt	181,787	-	-	-	-	-	181,787	1.5		
28	Potash	-	-	-	-	87	-	87	0.0		
29	Gypsum	741,425	99,664	-	-	53,462	-	894,551	7.4		
30	Asphalt	-	38,489	-	-	-	-	38,489	0.3		
31	Other Mine Products	-	-	-	-	107,073	32,041	139,114	1.1		
32	<b>Total Mine Products</b>	2,962,757	316,803	39,000	-	257,827	131,025	3,707,412	30.6		
33	Lumber	-	-	-	-	-	38,804	38,804	0.3		
34	Other Forest Products	-	-	-	-	-	7,887	7,887	0.1		
35	<b>Total Forest Products</b>	-	-	-	-	-	46,691	46,691	0.4		
36	Gasoline	343,374	-	19,135	-	46,216	-	408,725	3.4		
37	Fuel Oil	223,752	57,963	-	-	41,473	54	323,242	2.7		
38	Other Petroleum Products	11,189	-	-	-	-	-	11,189	0.1		
39	Chemicals	11,076	-	73,813	-	450,578	21,915	557,382	4.6		
40	Sodium Products	-	-	-	-	9,068	-	9,068	0.1		
41	Tar, Pitch and Creosote	-	-	11,911	-	10,372	-	22,283	0.2		
42	Pig Iron	-	62,131	-	-	-	-	62,131	0.5		
43	Iron and Steel	-	-	-	-	1,008,633	812,762	1,821,395	15.0		
44	Steel Slabs	-	-	-	-	382,924	66	382,990	3.2		
45	Machinery and Machines	-	191	-	-	10,691	6,058	16,940	0.1		
46	Cement	522,172	508,172	-	-	56,559	382,838	1,469,741	12.1		
47	Cement Clinkers	22,050	509,514	-	-	17,750	19,831	569,145	4.7		
48	Woodpulp	-	-	-	-	-	20,432	20,432	0.2		
49	Newsprint and Paper Products	-	-	-	-	-	-	-	-		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	284,083	-	-	-	435,900	60,055	780,038	6.4		
52	Food Products	-	-	-	-	-	-	-	-		
53	Furnace Slags	351,903	307,556	-	-	25,303	50,017	734,779	6.1		
54	Scrap Iron and Steel	-	-	-	-	-	-	-	-		
55	Other Manufactures and Misc. (1)	73,889	335,192	54,050	-	420,853	87,334	971,318	8.0		
56	<b>Total Manufactures and Misc.</b>	1,843,488	1,780,719	158,909	-	2,916,320	1,461,362	8,160,798	67.3		
57	<b>GRAND TOTAL</b>	<b>4,806,245</b>	<b>2,197,889</b>	<b>197,909</b>	<b>-</b>	<b>3,281,212</b>	<b>1,650,177</b>	<b>12,133,432</b>	<b>100.0</b>		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2023**

**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					
4,816,548	27,429	1,203,354	30,781	-	375,019	6,453,131	25.4	6,476,332	17.2	1
56,126	-	1,229,461	-	-	57,112	1,342,699	5.3	1,419,865	3.8	2
-	-	-	-	-	-	-	-	-	-	3
-	-	3,752	-	-	-	3,752	0.0	3,752	0.0	4
-	-	-	-	-	-	-	-	-	-	5
470,934	-	63,483	24,982	-	-	559,399	2.2	666,464	1.8	6
25,134	-	-	-	-	-	25,134	0.1	25,134	0.1	7
6,397	-	-	-	-	-	6,397	0.0	6,397	0.0	8
1,120,392	-	315,643	34,324	-	75,343	1,545,702	6.1	1,545,702	4.1	9
31,862	-	101,466	-	-	8,909	142,237	0.6	142,237	0.4	10
-	-	-	-	-	-	-	-	-	-	11
-	-	3,466	-	-	-	3,466	0.0	3,466	0.0	12
-	-	-	-	-	-	-	-	-	-	13
-	-	55,025	-	-	146,957	201,982	0.8	213,066	0.6	14
6,527,393	27,429	2,975,650	90,087	-	663,340	10,283,899	40.4	10,502,415	28.0	15
-	1,844	-	-	-	-	1,844	0.0	1,844	0.0	16
-	-	-	-	-	-	-	-	15	0.0	17
-	-	-	-	-	-	-	-	-	-	18
-	1,844	-	-	-	-	1,844	0.0	1,859	0.0	19
107,230	-	-	1,910,431	-	-	2,017,661	7.9	2,017,661	5.4	20
273,455	-	82,495	807,162	-	39,911	1,203,023	4.7	1,459,346	3.9	21
287,183	-	-	4,017,758	-	84,303	4,389,244	17.3	6,321,190	16.8	22
-	-	-	-	-	-	-	-	140,396	0.4	23
-	-	10,429	-	-	-	10,429	0.0	10,429	0.0	24
-	-	-	130,533	-	-	130,533	0.5	133,307	0.4	25
114,109	-	-	-	-	-	114,109	0.4	236,054	0.6	26
1,566,711	113,696	-	1,226,764	-	-	2,907,171	11.4	3,088,958	8.2	27
57,411	12,832	1,478,653	-	-	-	1,548,896	6.1	1,548,983	4.1	28
-	-	-	-	-	-	-	-	894,551	2.4	29
125,918	42,851	-	59,325	-	-	228,094	0.9	266,583	0.7	30
-	3,385	3,013	5,245	-	-	11,643	0.0	150,757	0.4	31
2,532,017	172,764	1,574,590	8,157,218	-	124,214	12,560,803	49.4	16,268,215	43.3	32
-	-	-	-	-	-	-	-	38,804	0.1	33
-	-	-	-	-	10	10	0.0	7,897	0.0	34
-	-	-	-	-	10	10	0.0	46,701	0.1	35
391,216	10,994	17,486	-	-	-	419,696	1.7	828,421	2.2	36
1,296,955	68,975	55,470	3,984	-	120	1,425,504	5.6	1,748,746	4.7	37
11,614	-	-	-	-	245	11,859	0.0	23,048	0.1	38
25,256	27,889	18,761	105,749	-	2,789	180,444	0.7	737,826	2.0	39
281	-	-	-	-	-	281	0.0	9,349	0.0	40
-	6,454	7,757	-	-	-	14,211	0.1	36,494	0.1	41
-	-	-	-	-	-	-	-	62,131	0.2	42
720	-	-	-	-	6,872	7,592	0.0	1,828,987	4.9	43
-	-	-	-	-	22,712	22,712	0.1	405,702	1.1	44
337	247	217	-	-	146	947	0.0	17,887	0.0	45
-	-	-	-	-	-	-	-	1,469,741	3.9	46
-	-	-	-	-	-	-	-	569,145	1.5	47
-	-	-	-	-	489	489	0.0	20,921	0.1	48
-	-	-	-	-	-	-	-	-	-	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	780,038	2.1	51
-	-	-	-	-	-	-	-	-	-	52
300,057	-	-	35,146	-	-	335,203	1.3	1,069,982	2.8	53
28,340	-	-	-	-	25,983	54,323	0.2	54,323	0.1	54
97,773	685	2,997	188	-	6,373	108,016	0.4	1,079,334	2.9	55
2,152,549	115,244	102,688	145,067	-	65,729	2,581,277	10.2	10,742,075	28.6	56
11,211,959	317,281	4,652,928	8,392,372	-	853,293	25,427,833	100.0	37,561,265	100.0	57



**TRAFFIC BY MAJOR 25 CANADIAN PORTS  
2023**

**TABLE C4**

**ST. LAWRENCE SEAWAY**

PORT OR AREA (2)	SHIP- MENTS	CARGO TONNES (3)								
		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%
<b>INBOUND:</b>										
Hamilton	568	5,305,322	1,713,457	448,006	-	-	319,126	363,203	8,149,114	16.0
Quebec	167	2,945,204	24,606	1,395,595	-	-	-	-	4,365,405	8.5
Montreal	81	493,793	-	1,225,180	-	-	-	-	1,718,973	3.4
Port Cartier	67	187,133	-	1,279,360	-	-	-	-	1,466,493	2.9
Baie Comeau	58	28,308	-	1,337,060	-	-	-	-	1,365,368	2.7
Toronto	94	1,239,454	-	-	-	-	121,630	-	1,361,084	2.7
Sorel/Tracy	113	753,085	-	485,497	-	-	-	-	1,238,582	2.4
Cote Ste. Catherine	110	990,200	-	-	-	5,906	2,199	-	998,305	2.0
Clarkson/Mississauga	66	900,162	51,806	-	-	-	-	-	951,968	1.9
Johnstown	34	617,427	-	-	-	-	2,128	-	619,555	1.2
Valleyfield	143	533,509	-	-	-	4,290	69,592	-	607,391	1.2
Oakville	61	600,324	-	-	-	-	-	-	600,324	1.2
Oshawa	66	342,257	-	-	-	-	138,279	-	480,536	0.9
Becancour	16	105,139	-	322,779	-	-	-	-	427,918	0.8
Sault Ste. Marie	33	145,756	-	-	-	-	226,656	19,721	392,133	0.8
Bowmanville	17	233,430	61,791	-	-	-	-	-	295,221	0.6
Sept Iles	20	294,945	-	-	-	-	-	-	294,945	0.6
Pictou	12	198,905	27,015	-	-	-	9,351	-	235,271	0.5
Sydney	8	165,152	51,359	-	-	-	-	-	216,511	0.4
Windsor	32	32,053	-	107,065	-	-	49,864	-	188,982	0.4
Sarnia	23	182,562	-	-	-	132	1,228	-	183,922	0.4
Thorold	16	177,824	-	-	-	-	535	-	178,359	0.3
Port Daniel	7	156,787	-	-	-	-	-	-	156,787	0.3
Trois Rivieres	10	125,467	25,376	-	-	-	-	-	150,843	0.3
Halifax	12	91,787	-	48,790	-	-	-	-	140,577	0.3
Other Canada	187	828,837	62,251	68,816	-	35,160	110,066	-	1,105,130	2.2
<b>Total Inbound</b>	<b>2,021</b>	<b>17,674,822</b>	<b>2,017,661</b>	<b>6,718,148</b>	<b>-</b>	<b>45,488</b>	<b>1,050,654</b>	<b>382,924</b>	<b>27,889,697</b>	<b>54.6</b>
<b>OUTBOUND:</b>										
Thunder Bay	363	1,757,355	66,196	5,719,285	-	-	-	-	7,542,836	14.8
Hamilton	144	343,636	-	2,289,821	-	-	-	-	2,633,457	5.2
Port Cartier	65	1,913,784	-	-	-	-	-	-	1,913,784	3.7
Goderich	88	1,367,569	-	251,725	-	-	-	-	1,619,294	3.2
Sarnia	136	899,389	-	566,517	-	-	685	-	1,466,591	2.9
Nanticoke	123	1,421,481	41,034	-	-	-	-	-	1,462,515	2.9
Quebec	55	988,106	-	-	-	-	-	-	988,106	1.9
Bowmanville	68	684,857	-	-	-	-	-	-	684,857	1.3
Windsor	46	340,220	-	318,425	-	-	-	-	658,645	1.3
Port Daniel	57	512,169	-	-	-	-	-	-	512,169	1.0
Trois Rivieres	15	423,042	-	-	-	-	-	-	423,042	0.8
Johnstown	21	24,289	-	333,814	-	-	-	-	358,103	0.7
Montreal	39	349,792	-	-	-	-	-	-	349,792	0.7
Sept Iles	48	335,232	-	-	-	-	-	-	335,232	0.7
Dartmouth	10	282,421	-	-	-	-	-	-	282,421	0.6
Sorel/Tracy	26	258,377	-	-	-	-	-	-	258,377	0.5
Sault Ste. Marie	12	260,548	-	-	-	-	-	-	260,548	0.5
Bath	43	222,108	-	-	-	-	-	-	222,108	0.4
Magdalen Islands	7	181,787	-	-	-	-	-	-	181,787	0.4
Stephenville	12	179,981	-	-	-	-	-	-	179,981	0.4
Pictou	24	138,769	-	-	-	-	-	-	138,769	0.3
Ramey's Bend	11	-	-	132,177	-	-	-	-	132,177	0.3
Clarkson/Mississauga	19	116,761	-	-	-	-	-	-	116,761	0.2
Bruce Mines	7	114,109	-	-	-	-	-	-	114,109	0.2
Cote Ste. Catherine	48	39,720	-	-	-	17,861	-	-	57,581	0.1
Other Canada	131	248,063	-	12,678	-	31,934	585	-	293,260	0.6
<b>Total Outbound</b>	<b>1,618</b>	<b>13,403,565</b>	<b>107,230</b>	<b>9,624,442</b>	<b>-</b>	<b>49,795</b>	<b>1,270</b>	<b>-</b>	<b>23,186,302</b>	<b>45.4</b>
<b>GRAND TOTAL</b>	<b>3 639</b>	<b>31 078 387</b>	<b>2 124 891</b>	<b>16 342 590</b>	<b>-</b>	<b>95 283</b>	<b>1 051 924</b>	<b>382 924</b>	<b>51 075 999</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) Area includes all ports or installations within a 20 kilometre (12.5 mile) radius of the main harbour.

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

**TRAFFIC BY MAJOR 25 UNITED STATES PORTS  
2023**

**TABLE C5**

**ST. LAWRENCE SEAWAY**

PORT OR AREA (2)	SHIP- MENTS	CARGO TONNES (3)								
		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%
<b>INBOUND:</b>										
Detroit	150	926,959	-	-	-	-	75,181	-	1,002,140	7.4
Cleveland	283	473,323	-	-	-	5,967	218,956	-	698,246	5.1
Toledo	44	310,140	-	111,367	-	-	-	-	421,507	3.1
Burns Harbor	106	113,149	-	-	-	-	215,185	-	328,334	2.4
Chicago	88	145,586	-	-	-	-	155,287	-	300,873	2.2
Ashtabula	20	244,706	-	-	-	-	-	-	244,706	1.8
Duluth	34	141,240	-	-	-	13,602	9,360	-	164,202	1.2
Milwaukee	54	-	-	-	-	-	159,183	66	159,249	1.2
Oswego	30	146,310	-	-	-	-	745	-	147,055	1.1
Buffalo	22	139,710	-	-	-	-	-	-	139,710	1.0
Charlevoix	6	115,437	-	-	-	-	-	-	115,437	0.8
Ogdensburg	7	113,696	-	-	-	-	1,205	-	114,901	0.8
Gary	2	58,940	-	-	-	-	-	-	58,940	0.4
New York	5	50,113	-	-	-	-	-	-	50,113	0.4
Tampa	3	8,516	-	27,429	-	-	-	-	35,945	0.3
Houston	4	34,343	-	-	-	-	-	-	34,343	0.3
Conneaut	1	28,543	-	-	-	-	-	-	28,543	0.2
Green Bay	4	20,432	-	-	-	-	-	-	20,432	0.2
East Chicago/Indiana Harbour	1	18,162	-	-	-	-	-	-	18,162	0.1
Marinette	2	15,023	-	-	-	-	-	-	15,023	0.1
New Haven	2	14,260	-	-	-	-	-	-	14,260	0.1
Philadelphia	1	11,602	-	-	-	-	-	-	11,602	0.1
Albany	1	9,708	-	-	-	-	-	-	9,708	0.1
Newport News	1	9,038	-	-	-	-	-	-	9,038	0.1
Jacksonville	1	8,677	-	-	-	-	-	-	8,677	0.1
Other U.S. Ports	18	11,479	-	-	-	-	2,722	-	14,201	0.1
<b>Total Inbound</b>	<b>890</b>	<b>3,169,092</b>	<b>-</b>	<b>138,796</b>	<b>-</b>	<b>19,569</b>	<b>837,824</b>	<b>66</b>	<b>4,165,347</b>	<b>30.6</b>
<b>OUTBOUND:</b>										
Superior	113	3,026,731	-	70,048	-	-	-	-	3,096,779	22.8
Toledo	60	243,620	950,346	232,778	-	-	-	-	1,426,744	10.5
Two Harbors	31	864,728	-	-	-	-	-	-	864,728	6.4
Duluth	50	375,136	-	434,425	-	608	164	-	810,333	6.0
Sandusky	34	-	770,692	-	-	-	-	-	770,692	5.7
Fairport Harbour	35	728,530	-	-	-	-	-	-	728,530	5.4
Cleveland	95	498,234	-	-	-	5,780	2,130	-	506,144	3.7
Detroit	35	281,692	28,002	-	-	-	-	-	309,694	2.3
East Chicago/Indiana Harbour	8	213,559	-	-	-	-	-	-	213,559	1.6
Buffalo	5	-	136,391	-	-	-	-	-	136,391	1.0
Brevort	5	110,522	-	-	-	-	-	-	110,522	0.8
Ludington	15	105,749	-	-	-	-	-	-	105,749	0.8
Donaldsonville	5	63,933	-	-	-	-	-	-	63,933	0.5
Ashtabula	4	50,617	-	-	-	-	-	-	50,617	0.4
Chicago	8	13,389	-	-	-	-	8,307	22,712	44,408	0.3
Tampa	7	43,512	-	-	-	-	-	-	43,512	0.3
Conneaut	3	16,950	25,000	-	-	-	-	-	41,950	0.3
Convent	1	19,663	-	-	-	-	-	-	19,663	0.1
New Orleans	1	19,337	-	-	-	-	-	-	19,337	0.1
Milwaukee	2	-	-	16,176	-	-	-	-	16,176	0.1
Burns Harbor	2	12,594	-	-	-	-	-	-	12,594	0.1
Bayonne	2	12,185	-	-	-	-	-	-	12,185	0.1
Houston	2	11,911	-	-	-	-	-	-	11,911	0.1
Mobile	1	9,880	-	-	-	-	-	-	9,880	0.1
Norfolk	1	6,968	-	-	-	-	-	-	6,968	0.1
Other U.S. Ports	4	9,512	-	-	-	-	1,063	-	10,575	0.1
<b>Total Outbound</b>	<b>529</b>	<b>6,738,952</b>	<b>1,910,431</b>	<b>753,427</b>	<b>-</b>	<b>6,388</b>	<b>11,664</b>	<b>22,712</b>	<b>9,443,574</b>	<b>69.4</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) Area includes all ports or installations within a 20 kilometre (12.5 mile) radius of the main harbour.

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

**TRAFFIC RESULTS  
2004 - 2023**

**TABLE C6**

**ST. LAWRENCE SEAWAY**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
<b>2004</b>	2,506	1,584	4,090	20,782,503	22,699,067	43,481,570	21,477,380	21,428,094	42,905,474
<b>2005</b>	2,172	2,189	4,361	20,345,001	22,956,145	43,301,146	21,532,816	21,470,054	43,002,870
<b>2006</b>	2,317	2,296	4,613	22,386,679	24,777,481	47,164,160	23,261,882	23,026,783	46,288,665
<b>2007</b>	2,220	2,230	4,450	17,795,395	25,214,796	43,010,191	22,620,354	22,494,172	45,114,526
<b>2008</b>	2,114	2,118	4,232	15,812,767	24,985,325	40,798,092	21,793,611	21,735,721	43,529,332
<b>2009</b>	1,830	1,801	3,631	8,833,663	21,874,333	30,707,996	18,594,575	18,426,700	37,021,275
<b>2010</b>	1,952	1,973	3,925	13,095,330	23,452,037	36,547,367	21,042,606	20,909,857	41,952,463
<b>2011</b>	2,121	2,106	4,227	13,740,741	23,798,869	37,539,610	22,494,822	22,262,047	44,756,869
<b>2012</b>	2,047	2,036	4,083	14,424,943	24,630,523	39,055,466	23,210,732	22,953,151	46,163,883
<b>2013</b>	1,950	1,950	3,900	11,946,988	25,107,681	37,054,669	22,640,639	22,502,914	45,143,553
<b>2014</b>	1,980	1,957	3,937	13,842,660	26,044,382	39,887,042	24,748,282	24,324,218	49,072,500
<b>2015</b>	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>2016</b>	1,895	1,879	3,774	12,527,411	22,482,548	35,009,959	22,696,584	22,457,012	45,153,596
<b>2017</b>	2,066	2,061	4,127	12,252,998	26,026,760	38,279,758	25,632,598	25,449,379	51,081,977
<b>2018</b>	2,208	2,181	4,389	14,784,295	26,226,761	41,011,056	27,176,118	26,943,200	54,119,318
<b>2019</b>	2,077	2,059	4,136	14,435,642	23,939,416	38,375,058	26,990,377	26,759,415	53,749,792
<b>2020</b>	1,931	1,925	3,856	10,772,572	26,988,978	37,761,550	26,998,619	26,718,634	53,717,253
<b>2021</b>	1,969	1,949	3,918	12,983,019	25,209,952	38,192,971	26,564,274	26,233,156	52,797,430
<b>2022</b>	2,017	1,991	4,008	12,280,595	24,055,518	36,336,113	25,821,348	25,521,951	51,343,299
<b>2023</b>	1,973	1,962	3,935	12,133,432	25,427,833	37,561,265	26,589,531	26,375,174	52,964,705
<b>TOTAL</b>	<b>41,248</b>	<b>40,125</b>	<b>81,373</b>	<b>289,502,988</b>	<b>487,821,623</b>	<b>777,324,611</b>	<b>474,322,339</b>	<b>470,060,354</b>	<b>944,382,693</b>

**CARGO BY TARIFF CLASSIFICATION  
2004 - 2023**

**TABLE C7**

**ST. LAWRENCE SEAWAY**

YEAR	BULK (1)		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL CARGO		STEEL SLABS		TOTAL
	Tonnes	%	TONNES	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	TONNES
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
2016	19,159,893	54.7	2,248,123	6.4	11,265,856	32.2	-	-	58,953	0.2	2,054,777	5.9	222,357	0.6	35,009,959
2017	22,794,120	59.5	2,250,002	5.9	10,173,966	26.6	-	-	58,605	0.2	2,512,625	6.6	490,440	1.3	38,279,758
2018	23,082,794	56.3	2,544,993	6.2	12,297,374	30.0	-	-	63,272	0.2	2,272,262	5.5	750,361	1.8	41,011,056
2019	23,660,310	61.7	2,391,464	6.2	10,471,588	27.3	-	-	93,680	0.2	1,579,277	4.1	178,739	0.5	38,375,058
2020	20,015,781	53.0	2,438,993	6.5	13,301,804	35.2	-	-	71,949	0.2	1,429,597	3.8	503,426	1.3	37,761,550
2021	21,880,642	57.3	2,115,932	5.5	10,609,179	27.8	-	-	77,290	0.2	2,721,729	7.1	788,199	2.1	38,192,971
2022	21,821,079	60.1	1,770,540	4.9	9,995,547	27.5	-	-	108,763	0.3	2,360,179	6.5	280,005	0.8	36,336,113
2023	22,663,991	60.3	2,017,661	5.4	10,495,934	27.9	-	-	78,505	0.2	1,899,472	5.1	405,702	1.1	37,561,265
<b>TOTAL</b>	<b>461,700,537</b>	<b>59.4</b>	<b>62,252,178</b>	<b>8.0</b>	<b>203,196,633</b>	<b>26.1</b>	<b>11,064</b>	<b>0.0</b>	<b>1,017,999</b>	<b>0.1</b>	<b>42,016,852</b>	<b>5.4</b>	<b>7,129,348</b>	<b>0.9</b>	<b>777,324,611</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  
2023**

**TABLE M1**

**MONTREAL-LAKE ONTARIO SECTION**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES									
	Loaded	Ballast	Total		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%	
<b>UPBOUND:</b>														
<b>Ocean:</b>	Cargo	314	35	349	6,094,582	2,118,899	-	118,065	-	22,322	1,885,482	382,990	4,527,758	15.5
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	73	15	88	968,589	733,065	-	-	-	-	-	-	733,065	2.5
	<b>Total Ocean</b>	<b>387</b>	<b>50</b>	<b>437</b>	<b>7,063,171</b>	<b>2,851,964</b>	<b>-</b>	<b>118,065</b>	<b>-</b>	<b>22,322</b>	<b>1,885,482</b>	<b>382,990</b>	<b>5,260,823</b>	<b>18.1</b>
<b>Laker:</b>	Cargo	233	284	517	9,952,520	4,742,585	-	-	-	8,003	2,064	-	4,752,652	16.3
	Barge	25	35	60	401,435	235,779	-	-	-	-	-	-	235,779	0.8
	Tanker	54	91	145	1,638,621	507,449	-	-	-	-	-	-	507,449	1.7
	<b>Total Laker</b>	<b>312</b>	<b>410</b>	<b>722</b>	<b>11,992,576</b>	<b>5,485,813</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,003</b>	<b>2,064</b>	<b>-</b>	<b>5,495,880</b>	<b>18.9</b>
<b>Non-Cargo (2)</b>		-	185	185	319,059	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>		<b>699</b>	<b>645</b>	<b>1,344</b>	<b>19,374,806</b>	<b>8,337,777</b>	<b>-</b>	<b>118,065</b>	<b>-</b>	<b>30,325</b>	<b>1,887,546</b>	<b>382,990</b>	<b>10,756,703</b>	<b>36.9</b>
<b>DOWNBOUND:</b>														
<b>Ocean:</b>	Cargo	306	43	349	6,095,809	1,724,587	-	3,635,426	-	21,082	11,926	22,712	5,415,733	18.6
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	33	52	85	931,804	257,468	-	-	-	-	-	-	257,468	0.9
	<b>Total Ocean</b>	<b>339</b>	<b>95</b>	<b>434</b>	<b>7,027,613</b>	<b>1,982,055</b>	<b>-</b>	<b>3,635,426</b>	<b>-</b>	<b>21,082</b>	<b>11,926</b>	<b>22,712</b>	<b>5,673,201</b>	<b>19.5</b>
<b>Laker:</b>	Cargo	450	64	514	9,885,050	4,774,134	163,592	6,106,762	-	27,098	-	-	11,071,586	38.0
	Barge	53	7	60	403,921	403,112	-	67,308	-	-	-	-	470,420	1.6
	Tanker	110	37	147	1,663,009	1,168,711	-	-	-	-	-	-	1,168,711	4.0
	<b>Total Laker</b>	<b>613</b>	<b>108</b>	<b>721</b>	<b>11,951,980</b>	<b>6,345,957</b>	<b>163,592</b>	<b>6,174,070</b>	<b>-</b>	<b>27,098</b>	<b>-</b>	<b>-</b>	<b>12,710,717</b>	<b>43.6</b>
<b>Non-Cargo (2)</b>		-	189	189	324,021	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>		<b>952</b>	<b>392</b>	<b>1,344</b>	<b>19,303,614</b>	<b>8,328,012</b>	<b>163,592</b>	<b>9,809,496</b>	<b>-</b>	<b>48,180</b>	<b>11,926</b>	<b>22,712</b>	<b>18,383,918</b>	<b>63.1</b>
<b>TOTALS:</b>														
<b>Ocean:</b>	Cargo	620	78	698	12,190,391	3,843,486	-	3,753,491	-	43,404	1,897,408	405,702	9,943,491	34.1
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	106	67	173	1,900,393	990,533	-	-	-	-	-	-	990,533	3.4
	<b>Total Ocean</b>	<b>726</b>	<b>145</b>	<b>871</b>	<b>14,090,784</b>	<b>4,834,019</b>	<b>-</b>	<b>3,753,491</b>	<b>-</b>	<b>43,404</b>	<b>1,897,408</b>	<b>405,702</b>	<b>10,934,024</b>	<b>37.5</b>
<b>Laker:</b>	Cargo	683	348	1,031	19,837,570	9,516,719	163,592	6,106,762	-	35,101	2,064	-	15,824,238	54.3
	Barge	78	42	120	805,356	638,891	-	67,308	-	-	-	-	706,199	2.4
	Tanker	164	128	292	3,301,630	1,676,160	-	-	-	-	-	-	1,676,160	5.8
	<b>Total Laker</b>	<b>925</b>	<b>518</b>	<b>1,443</b>	<b>23,944,556</b>	<b>11,831,770</b>	<b>163,592</b>	<b>6,174,070</b>	<b>-</b>	<b>35,101</b>	<b>2,064</b>	<b>-</b>	<b>18,206,597</b>	<b>62.5</b>
<b>Non-Cargo (2)</b>		-	374	374	643,080	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>		<b>1,651</b>	<b>1,037</b>	<b>2,688</b>	<b>38,678,420</b>	<b>16,665,789</b>	<b>163,592</b>	<b>9,927,561</b>	<b>-</b>	<b>78,505</b>	<b>1,899,472</b>	<b>405,702</b>	<b>29,140,621</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 passenger vessels.

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO  
2023**

**TABLE M2**

**MONTREAL-LAKE ONTARIO SECTION**

COMMODITY	CARGO TONNES								% of Total
	Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	
Wheat	-	-	6,158,262	-	-	-	-	6,158,262	21.1
Corn	-	-	1,342,699	-	-	-	-	1,342,699	4.6
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	3,752	-	-	-	-	3,752	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	493,327	-	-	-	-	493,327	1.7
Canola Meal, Pellets	-	-	25,134	-	-	-	-	25,134	0.1
Flour, Wheat & Other Edible	6,397	-	-	-	-	-	-	6,397	0.0
Soybeans	-	-	1,545,702	-	-	-	-	1,545,702	5.3
Soybean Oil Cake, Meal, Pellets	-	-	142,237	-	-	-	-	142,237	0.5
Beans and Peas	-	-	-	-	-	-	-	-	-
Flaxseed	-	-	3,466	-	-	-	-	3,466	0.0
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	212,982	-	84	-	-	213,066	0.7
<b>Total Agricultural Products</b>	<b>6,397</b>	<b>-</b>	<b>9,927,561</b>	<b>-</b>	<b>84</b>	<b>-</b>	<b>-</b>	<b>9,934,042</b>	<b>34.1</b>
Packing House Products, Edible	1,844	-	-	-	-	-	-	1,844	0.0
Hides, Skins, Pelts, Wool	-	-	-	-	15	-	-	15	0.0
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	<b>1,844</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>1,859</b>	<b>0.0</b>
Bituminous Coal	-	163,592	-	-	-	-	-	163,592	0.6
Coke	1,029,823	-	-	-	-	-	-	1,029,823	3.5
Iron Ore	4,896,124	-	-	-	-	-	-	4,896,124	16.8
Aluminum Ore and Concentrates	140,396	-	-	-	-	-	-	140,396	0.5
Clay and Bentonite	10,429	-	-	-	-	-	-	10,429	0.0
Gravel and Sand	204	-	-	-	2,570	-	-	2,774	0.0
Stone	97,656	-	-	-	-	-	-	97,656	0.3
Salt	1,178,789	-	-	-	-	-	-	1,178,789	4.0
Potash	1,485,095	-	-	-	-	-	-	1,485,095	5.1
Gypsum	894,551	-	-	-	-	-	-	894,551	3.1
Asphalt	234,316	-	-	-	-	-	-	234,316	0.8
Other Mine Products	147,333	-	-	-	39	-	-	147,372	0.5
<b>Total Mine Products</b>	<b>10,114,716</b>	<b>163,592</b>	<b>-</b>	<b>-</b>	<b>2,609</b>	<b>-</b>	<b>-</b>	<b>10,280,917</b>	<b>35.3</b>
Lumber	38,804	-	-	-	-	-	-	38,804	0.1
Other Forest Products	-	-	-	-	7,897	-	-	7,897	0.0
<b>Total Forest Products</b>	<b>38,804</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,897</b>	<b>-</b>	<b>-</b>	<b>46,701</b>	<b>0.2</b>
Gasoline	642,127	-	-	-	-	-	-	642,127	2.2
Fuel Oil	1,540,954	-	-	-	174	-	-	1,541,128	5.3
Other Petroleum Products	22,803	-	-	-	245	-	-	23,048	0.1
Chemicals	671,877	-	-	-	13,217	-	-	685,094	2.4
Sodium Products	9,068	-	-	-	281	-	-	9,349	0.0
Tar, Pitch and Creosote	36,494	-	-	-	-	-	-	36,494	0.1
Pig Iron	62,131	-	-	-	-	-	-	62,131	0.2
Iron and Steel	631	-	-	-	304	1,828,052	-	1,828,987	6.3
Steel Slabs	-	-	-	-	-	-	405,702	405,702	1.4
Machinery and Machines	151	-	-	-	1,078	16,467	-	17,696	0.1
Cement	929,516	-	-	-	-	-	-	929,516	3.2
Cement Clinkers	59,631	-	-	-	-	-	-	59,631	0.2
Woodpulp	20,432	-	-	-	489	-	-	20,921	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	779,983	-	-	-	55	-	-	780,038	2.7
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	727,033	-	-	-	-	-	-	727,033	2.5
Scrap Iron and Steel	54,323	-	-	-	-	-	-	54,323	0.2
Other Manufactures and Misc. (2)	946,874	-	-	-	52,057	54,953	-	1,053,884	3.6
<b>Total Manufactures and Misc.</b>	<b>6,504,028</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>67,900</b>	<b>1,899,472</b>	<b>405,702</b>	<b>8,877,102</b>	<b>30.5</b>
<b>GRAND TOTAL</b>	<b>16,665,789</b>	<b>163,592</b>	<b>9,927,561</b>	<b>-</b>	<b>78,505</b>	<b>1,899,472</b>	<b>405,702</b>	<b>29,140,621</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  
2023**

**TABLE M3 - Part A**

**MONTREAL-LAKE ONTARIO SECTION**

NO.	COMMODITY	from:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP-BOUND
			CANADA		UNITED STATES		FOREIGN			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat	-	-	-	-	-	-	-	-	
2	Corn	-	-	-	-	-	-	-	-	
3	Rye	-	-	-	-	-	-	-	-	
4	Oats	-	-	-	-	-	-	-	-	
5	Barley	-	-	-	-	-	-	-	-	
6	Canola (Rapeseed)	-	-	-	-	107,065	-	107,065	1.0	
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-	
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	
9	Soybeans	-	-	-	-	-	-	-	-	
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-	
11	Beans and Peas	-	-	-	-	-	-	-	-	
12	Flaxseed	-	-	-	-	-	-	-	-	
13	Sunflower Seeds	-	-	-	-	-	-	-	-	
14	Other Agricultural Products	-	-	-	-	-	11,084	11,084	0.1	
15	<b>Total Agricultural Products</b>	-	-	-	-	107,065	11,084	118,149	1.1	
16	Packing House Products, Edible	-	-	-	-	-	-	-	-	
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	15	15	0.0	
18	Other Animal Products	-	-	-	-	-	-	-	-	
19	<b>Total Animal Products</b>	-	-	-	-	-	15	15	0.0	
20	Bituminous Coal	-	-	-	-	-	-	-	-	
21	Coke	-	-	39,000	-	41,829	81,602	162,431	1.5	
22	Iron Ore	1,913,784	18,162	-	-	-	-	1,931,946	18.0	
23	Aluminum Ore and Concentrates	-	104,866	-	-	35,530	-	140,396	1.3	
24	Clay and Bentonite	-	-	-	-	-	-	-	-	
25	Gravel and Sand	-	-	-	-	428	2,346	2,774	0.0	
26	Stone	63,202	-	-	-	19,418	15,036	97,656	0.9	
27	Salt	181,787	-	-	-	-	-	181,787	1.7	
28	Potash	-	-	-	-	87	-	87	0.0	
29	Gypsum	741,425	99,664	-	-	53,462	-	894,551	8.3	
30	Asphalt	-	38,489	-	-	-	-	38,489	0.4	
31	Other Mine Products	-	-	-	-	107,073	32,041	139,114	1.3	
32	<b>Total Mine Products</b>	2,900,198	261,181	39,000	-	257,827	131,025	3,589,231	33.4	
33	Lumber	-	-	-	-	-	38,804	38,804	0.4	
34	Other Forest Products	-	-	-	-	-	7,887	7,887	0.1	
35	<b>Total Forest Products</b>	-	-	-	-	-	46,691	46,691	0.4	
36	Gasoline	343,374	-	19,135	-	46,216	-	408,725	3.8	
37	Fuel Oil	223,752	57,963	-	-	41,473	54	323,242	3.0	
38	Other Petroleum Products	11,189	-	-	-	-	-	11,189	0.1	
39	Chemicals	11,076	-	73,813	-	450,578	21,915	557,382	5.2	
40	Sodium Products	-	-	-	-	9,068	-	9,068	0.1	
41	Tar, Pitch and Creosote	-	-	11,911	-	10,372	-	22,283	0.2	
42	Pig Iron	-	62,131	-	-	-	-	62,131	0.6	
43	Iron and Steel	-	-	-	-	1,008,633	812,762	1,821,395	16.9	
44	Steel Slabs	-	-	-	-	382,924	66	382,990	3.6	
45	Machinery and Machines	-	-	-	-	10,691	6,058	16,749	0.2	
46	Cement	490,119	-	-	-	56,559	382,838	929,516	8.6	
47	Cement Clinkers	22,050	-	-	-	17,750	19,831	59,631	0.6	
48	Woodpulp	-	-	-	-	-	20,432	20,432	0.2	
49	Newsprint and Paper Products	-	-	-	-	-	-	-	-	
50	Syrup and Molasses	-	-	-	-	-	-	-	-	
51	Sugar	284,083	-	-	-	435,900	60,055	780,038	7.3	
52	Food Products	-	-	-	-	-	-	-	-	
53	Furnace Slags	325,246	251,412	-	-	25,303	50,017	651,978	6.1	
54	Scrap Iron and Steel	-	-	-	-	-	-	-	-	
55	Other Manufactures and Misc. (1)	48,486	335,145	54,050	-	420,853	87,334	945,868	8.8	
56	<b>Total Manufactures and Misc.</b>	1,759,375	706,651	158,909	-	2,916,320	1,461,362	7,002,617	65.1	
57	<b>GRAND TOTAL</b>	4,659,573	967,832	197,909	-	3,281,212	1,650,177	10,756,703	100.0	

(1) Includes unclassified cargoes.



**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2023**

**TABLE M3 - Part B**

**MONTREAL-LAKE ONTARIO SECTION**

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					
4,521,679	27,429	1,203,354	30,781	-	375,019	6,158,262	33.5	6,158,262	21.1	1
56,126	-	1,229,461	-	-	57,112	1,342,699	7.3	1,342,699	4.6	2
-	-	-	-	-	-	-	-	-	-	3
-	-	3,752	-	-	-	3,752	0.0	3,752	0.0	4
-	-	-	-	-	-	-	-	-	-	5
322,779	-	63,483	-	-	-	386,262	2.1	493,327	1.7	6
25,134	-	-	-	-	-	25,134	0.1	25,134	0.1	7
6,397	-	-	-	-	-	6,397	0.0	6,397	0.0	8
1,120,392	-	315,643	34,324	-	75,343	1,545,702	8.4	1,545,702	5.3	9
31,862	-	101,466	-	-	8,909	142,237	0.8	142,237	0.5	10
-	-	-	-	-	-	-	-	-	-	11
-	-	3,466	-	-	-	3,466	0.0	3,466	0.0	12
-	-	-	-	-	-	-	-	-	-	13
-	-	55,025	-	-	146,957	201,982	1.1	213,066	0.7	14
6,084,369	27,429	2,975,650	65,105	-	663,340	9,815,893	53.4	9,934,042	34.1	15
-	1,844	-	-	-	-	1,844	0.0	1,844	0.0	16
-	-	-	-	-	-	-	-	15	0.0	17
-	-	-	-	-	-	-	-	-	-	18
-	1,844	-	-	-	-	1,844	0.0	1,859	0.0	19
-	-	-	163,592	-	-	163,592	0.9	163,592	0.6	20
273,455	-	82,495	471,531	-	39,911	867,392	4.7	1,029,823	3.5	21
287,183	-	-	2,592,692	-	84,303	2,964,178	16.1	4,896,124	16.8	22
-	-	-	-	-	-	-	-	140,396	0.5	23
-	-	10,429	-	-	-	10,429	0.1	10,429	0.0	24
-	-	-	-	-	-	-	-	2,774	0.0	25
-	-	-	-	-	-	-	-	97,656	0.3	26
842,891	-	-	154,111	-	-	997,002	5.4	1,178,789	4.0	27
6,355	-	1,478,653	-	-	-	1,485,008	8.1	1,485,095	5.1	28
-	-	-	-	-	-	-	-	894,551	3.1	29
100,563	35,939	-	59,325	-	-	195,827	1.1	234,316	0.8	30
-	-	3,013	5,245	-	-	8,258	0.0	147,372	0.5	31
1,510,447	35,939	1,574,590	3,446,496	-	124,214	6,691,686	36.4	10,280,917	35.3	32
-	-	-	-	-	-	-	-	38,804	0.1	33
-	-	-	-	-	10	10	0.0	7,897	0.0	34
-	-	-	-	-	10	10	0.0	46,701	0.2	35
204,922	10,994	17,486	-	-	-	233,402	1.3	642,127	2.2	36
1,089,337	68,975	55,470	3,984	-	120	1,217,886	6.6	1,541,128	5.3	37
11,614	-	-	-	-	245	11,859	0.1	23,048	0.1	38
25,256	27,889	18,761	53,017	-	2,789	127,712	0.7	685,094	2.4	39
281	-	-	-	-	-	281	0.0	9,349	0.0	40
-	6,454	7,757	-	-	-	14,211	0.1	36,494	0.1	41
-	-	-	-	-	-	-	-	62,131	0.2	42
720	-	-	-	-	6,872	7,592	0.0	1,828,987	6.3	43
-	-	-	-	-	22,712	22,712	0.1	405,702	1.4	44
337	247	217	-	-	146	947	0.0	17,696	0.1	45
-	-	-	-	-	-	-	-	929,516	3.2	46
-	-	-	-	-	-	-	-	59,631	0.2	47
-	-	-	-	-	489	489	0.0	20,921	0.1	48
-	-	-	-	-	-	-	-	-	-	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	780,038	2.7	51
-	-	-	-	-	-	-	-	-	-	52
57,309	-	-	17,746	-	-	75,055	0.4	727,033	2.5	53
28,340	-	-	-	-	25,983	54,323	0.3	54,323	0.2	54
97,773	685	2,997	188	-	6,373	108,016	0.6	1,053,884	3.6	55
1,515,889	115,244	102,688	74,935	-	65,729	1,874,485	10.2	8,877,102	30.5	56
9,110,705	180,456	4,652,928	3,586,536	-	853,293	18,383,918	100.0	29,140,621	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO**

**2023**

**TABLE M4 MONTREAL- LAKE ONTARIO SECTION**

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES								
	Loaded	Ballast	Total		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%
<b>UPBOUND:</b>													
March	11	13	24	425,190	192,119	-	-	-	-	-	20,073	212,192	0.7
April	68	65	133	2,067,721	765,870	-	-	-	296	213,258	80,177	1,059,601	3.6
May	78	67	145	2,157,175	984,047	-	-	-	4,584	194,577	59,859	1,243,067	4.3
June	66	77	143	1,964,569	757,860	-	-	-	2,318	132,027	60,253	952,458	3.3
July	79	58	137	1,831,105	886,741	-	-	-	5,026	227,219	20,262	1,139,248	3.9
August	94	73	167	2,261,247	1,012,985	-	41,746	-	2,212	267,537	-	1,324,480	4.5
September	76	82	158	2,108,388	894,950	-	34,222	-	2,614	209,334	39,578	1,180,698	4.1
October	72	64	136	1,955,188	916,518	-	-	-	2,858	215,211	40,433	1,175,020	4.0
November	99	78	177	2,731,019	1,150,701	-	42,097	-	8,690	311,656	41,784	1,554,928	5.3
December	56	62	118	1,793,176	775,986	-	-	-	1,727	116,727	20,571	915,011	3.1
January	-	6	6	80,028	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>699</b>	<b>645</b>	<b>1,344</b>	<b>19,374,806</b>	<b>8,337,777</b>	<b>-</b>	<b>118,065</b>	<b>-</b>	<b>30,325</b>	<b>1,887,546</b>	<b>382,990</b>	<b>10,756,703</b>	<b>36.9</b>
<b>DOWNBOUND:</b>													
March	14	4	18	264,207	127,997	37,686	101,425	-	-	-	-	267,108	0.9
April	97	22	119	1,884,118	883,020	25,600	1,020,040	-	1,426	-	-	1,930,086	6.6
May	99	39	138	2,001,546	787,435	49,982	1,113,349	-	911	735	12,115	1,964,527	6.7
June	98	50	148	2,032,119	1,045,318	39,472	791,077	-	7,511	247	-	1,883,625	6.5
July	88	47	135	1,827,706	1,029,979	-	644,633	-	8,295	1,028	-	1,683,935	5.8
August	101	55	156	2,071,895	943,023	-	945,595	-	15,011	131	-	1,903,760	6.5
September	107	61	168	2,203,841	1,180,726	-	888,827	-	8,185	-	-	2,077,738	7.1
October	103	31	134	2,058,547	821,778	10,852	1,207,052	-	4,727	1,529	-	2,045,938	7.0
November	114	51	165	2,435,864	839,618	-	1,422,018	-	1,265	54	10,597	2,273,552	7.8
December	127	32	159	2,477,793	641,118	-	1,666,313	-	849	8,202	-	2,316,482	7.9
January	4	-	4	45,978	28,000	-	9,167	-	-	-	-	37,167	0.1
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>952</b>	<b>392</b>	<b>1,344</b>	<b>19,303,614</b>	<b>8,328,012</b>	<b>163,592</b>	<b>9,809,496</b>	<b>-</b>	<b>48,180</b>	<b>11,926</b>	<b>22,712</b>	<b>18,383,918</b>	<b>63.1</b>
<b>TOTALS:</b>													
March	25	17	42	689,397	320,116	37,686	101,425	-	-	-	20,073	479,300	1.6
April	165	87	252	3,951,839	1,648,890	25,600	1,020,040	-	1,722	213,258	80,177	2,989,687	10.3
May	177	106	283	4,158,721	1,771,482	49,982	1,113,349	-	5,495	195,312	71,974	3,207,594	11.0
June	164	127	291	3,996,688	1,803,178	39,472	791,077	-	9,829	132,274	60,253	2,836,083	9.7
July	167	105	272	3,658,811	1,916,720	-	644,633	-	13,321	228,247	20,262	2,823,183	9.7
August	195	128	323	4,333,142	1,956,008	-	987,341	-	17,223	267,668	-	3,228,240	11.1
September	183	143	326	4,312,229	2,075,676	-	923,049	-	10,799	209,334	39,578	3,258,436	11.2
October	175	95	270	4,013,735	1,738,296	10,852	1,207,052	-	7,585	216,740	40,433	3,220,958	11.1
November	213	129	342	5,166,883	1,990,319	-	1,464,115	-	9,955	311,710	52,381	3,828,480	13.1
December	183	94	277	4,270,969	1,417,104	-	1,666,313	-	2,576	124,929	20,571	3,231,493	11.1
January	4	6	10	126,006	28,000	-	9,167	-	-	-	-	37,167	0.1
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,651</b>	<b>1,037</b>	<b>2,688</b>	<b>38,678,420</b>	<b>16,665,789</b>	<b>163,592</b>	<b>9,927,561</b>	<b>-</b>	<b>78,505</b>	<b>1,899,472</b>	<b>405,702</b>	<b>29,140,621</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  
2004 - 2023**

**TABLE M5**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
2004	1,326	1,357	2,683	16,436,399	12,464,041	28,900,440	15,155,287	15,043,211	30,198,498
2005	1,340	1,355	2,695	17,201,797	13,598,583	30,800,380	15,096,224	15,278,202	30,374,426
2006	1,472	1,470	2,942	16,753,223	14,520,099	31,273,322	15,369,033	15,467,988	30,837,021
2007	1,431	1,447	2,878	19,022,669	16,549,316	35,571,985	17,498,515	17,476,836	34,975,351
2008	1,347	1,356	2,703	14,922,021	17,033,269	31,955,290	15,979,840	16,002,071	31,981,911
2009	1,203	1,192	2,395	13,571,413	15,781,659	29,353,072	15,256,750	15,280,924	30,537,674
2010	1,353	1,375	2,728	7,031,214	13,667,692	20,698,906	12,114,288	12,116,769	24,231,057
2011	1,499	1,501	3,000	11,274,424	15,644,061	26,918,485	15,016,783	14,982,075	29,998,858
2012	1,484	1,491	2,975	11,312,761	17,408,783	28,721,544	16,678,188	16,669,859	33,348,047
2013	1,376	1,392	2,768	12,457,633	18,930,294	31,387,927	17,917,065	17,895,029	35,812,094
2014	1,334	1,323	2,657	10,083,102	18,478,326	28,561,428	17,055,789	17,094,685	34,150,474
2015	1,272	1,257	2,529	12,080,289	17,991,325	30,071,614	17,963,129	17,830,107	35,793,236
2016	1,271	1,274	2,545	12,355,669	15,091,620	27,447,289	16,357,192	16,272,431	32,629,623
2017	1,412	1,410	2,822	10,674,149	18,097,311	28,771,460	18,567,742	18,572,307	37,140,049
2018	1,561	1,557	3,118	12,924,264	18,583,170	31,507,434	19,856,409	19,859,878	39,716,287
2019	1,459	1,448	2,907	12,680,984	16,379,812	29,060,796	19,414,211	19,394,210	38,808,421
2020	1,369	1,382	2,751	9,357,052	19,936,790	29,293,842	20,176,280	20,187,411	40,363,691
2021	1,377	1,372	2,749	11,336,671	18,455,467	29,792,138	19,623,692	19,603,823	39,227,515
2022	1,386	1,377	2,763	11,016,501	17,957,192	28,973,693	19,546,308	19,529,717	39,076,025
2023	1,344	1,344	2,688	10,756,703	18,383,918	29,140,621	19,374,806	19,303,614	38,678,420
<b>TOTAL</b>	<b>27,616</b>	<b>27,680</b>	<b>55,296</b>	<b>253,248,938</b>	<b>334,952,728</b>	<b>588,201,666</b>	<b>344,017,531</b>	<b>343,861,147</b>	<b>687,878,678</b>

**CARGO BY TARIFF CLASSIFICATION  
2004 - 2023**

**TABLE M6**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	BULK (1)		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL CARGO		STEEL SLABS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2016	13,145,708	48.6	537,927	2.0	11,031,487	40.8	-	-	58,953	0.2	2,054,777	7.6	222,357	0.8	27,051,209
2017	15,660,242	54.4	188,294	0.7	9,861,254	34.3	-	-	58,605	0.2	2,512,625	8.7	490,440	1.7	28,771,460
2018	16,252,432	51.6	273,805	0.9	11,895,302	37.8	-	-	63,272	0.2	2,272,262	7.2	750,361	2.4	31,507,434
2019	16,989,625	58.5	98,060	0.3	10,121,415	34.8	-	-	93,680	0.3	1,579,277	5.4	178,739	0.6	29,060,796
2020	14,363,879	49.0	142,983	0.5	12,782,008	43.6	-	-	71,949	0.2	1,429,597	4.9	503,426	1.7	29,293,842
2021	16,056,349	53.9	110,767	0.4	10,037,804	33.7	-	-	77,290	0.3	2,721,729	9.1	788,199	2.6	29,792,138
2022	16,458,556	56.8	237,681	0.8	9,528,509	32.9	-	-	108,763	0.4	2,360,179	8.1	280,005	1.0	28,973,693
2023	16,665,789	57.2	163,592	0.6	9,927,561	34.1	-	-	78,505	0.3	1,899,472	6.5	405,702	1.4	29,140,621
<b>TOTAL</b>	<b>325,150,126</b>	<b>55.5</b>	<b>14,669,644</b>	<b>2.5</b>	<b>196,410,077</b>	<b>33.5</b>	<b>11,064</b>	<b>0.0</b>	<b>1,017,999</b>	<b>0.2</b>	<b>42,014,233</b>	<b>7.2</b>	<b>7,079,292</b>	<b>1.2</b>	<b>586,352,435</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  
2004 - 2023**

**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
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
2016	10,799,659	770	501	1,271	16,251,550	900	374	1,274	27,051,209	1,670	875	2,545
2017	10,674,149	779	633	1,412	18,097,311	967	443	1,410	28,771,460	1,746	1,076	2,822
2018	12,924,264	908	653	1,561	18,583,170	1,019	538	1,557	31,507,434	1,927	1,191	3,118
2019	12,680,984	947	512	1,459	16,379,812	915	533	1,448	29,060,796	1,862	1,045	2,907
2020	9,357,052	704	665	1,369	19,936,790	1,054	328	1,382	29,293,842	1,758	993	2,751
2021	11,336,671	757	620	1,377	18,455,467	973	399	1,372	29,792,138	1,730	1,019	2,749
2022	11,016,501	749	637	1,386	17,957,192	934	443	1,377	28,973,693	1,683	1,080	2,763
2023	10,756,703	699	645	1,344	18,383,918	952	392	1,344	29,140,621	1,651	1,037	2,688
<b>TOTAL</b>	<b>247,612,198</b>	<b>16,278</b>	<b>11,338</b>	<b>27,616</b>	<b>338,740,237</b>	<b>18,944</b>	<b>8,736</b>	<b>27,680</b>	<b>586,352,435</b>	<b>35,222</b>	<b>20,074</b>	<b>55,296</b>

**COMMODITY GROUPS  
2004 - 2023**

**TABLE M8**

**MONTREAL-LAKE ONTARIO SECTION**

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2016	11,031,487	40.8	-	-	8,561,094	31.6	8,650	0.0	7,449,978	27.5	27,051,209
2017	9,861,257	34.3	-	-	10,130,256	35.2	5,507	0.0	8,774,440	30.5	28,771,460
2018	11,895,302	37.8	4,872	0.0	9,962,993	31.6	2,238	0.0	9,642,029	30.6	31,507,434
2019	10,121,415	34.8	6,131	0.0	10,034,766	34.5	33,607	0.1	8,864,877	30.5	29,060,796
2020	12,782,074	43.6	5,967	0.0	9,003,082	30.7	22,676	0.1	7,480,043	25.5	29,293,842
2021	10,040,203	33.7	9,803	0.0	10,206,866	34.3	22,338	0.1	9,512,928	31.9	29,792,138
2022	9,535,577	32.9	1,479	0.0	10,626,505	36.7	35,811	0.1	8,774,321	30.3	28,973,693
2023	9,934,042	34.1	1,859	0.0	10,280,917	35.3	46,701	0.2	8,877,102	30.5	29,140,621
<b>TOTAL</b>	<b>196,570,981</b>	<b>33.5</b>	<b>162,979</b>	<b>0.0</b>	<b>235,965,805</b>	<b>40.2</b>	<b>397,093</b>	<b>0.1</b>	<b>153,255,577</b>	<b>26.1</b>	<b>586,352,435</b>

**U.S. GRAINS  
2004 - 2023**

**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
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
2016	1,167,015	42.8	576,723	21.1	-	-	44,034	1.6	-	-	776,636	28.5	8,000	0.3	156,243	5.7	2,728,651
2017	636,432	36.6	168,937	9.7	-	-	20,905	1.2	-	-	844,871	48.6	-	-	66,956	3.9	1,738,101
2018	786,544	33.2	404,321	17.0	-	-	43,707	1.8	-	-	1,005,111	42.4	-	-	131,904	5.6	2,371,587
2019	1,105,675	68.0	-	-	-	-	13,239	0.8	-	-	406,543	25.0	-	-	101,330	6.2	1,626,787
2020	869,676	41.8	62,970	3.0	-	-	20,943	1.0	-	-	1,043,704	50.2	-	-	82,083	3.9	2,079,376
2021	450,564	36.9	90,291	7.4	-	-	-	-	-	-	518,821	42.5	-	-	159,890	13.1	1,219,566
2022	296,066	22.0	219,440	16.3	-	-	-	-	-	-	638,111	47.4	-	-	193,643	14.4	1,347,260
2023	405,800	55.7	57,112	7.8	-	-	-	-	-	-	109,667	15.1	-	-	155,866	21.4	728,445
<b>TOTAL</b>	<b>21,589,961</b>	<b>47.7</b>	<b>5,577,171</b>	<b>12.3</b>	<b>-</b>	<b>-</b>	<b>402,323</b>	<b>0.9</b>	<b>105,212</b>	<b>0.2</b>	<b>14,084,005</b>	<b>31.1</b>	<b>313,193</b>	<b>0.7</b>	<b>3,147,669</b>	<b>7.0</b>	<b>45,219,534</b>

**CANADIAN GRAINS  
2004 - 2023**

**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
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
2016	4,708,939	57.0	509,794	6.2	500	0.0	1,118,939	13.6	-	-	1,446,427	17.5	76,409	0.9	395,916	4.8	8,256,924
2017	4,600,335	56.7	615,370	7.6	-	-	1,145,670	14.1	-	-	1,553,164	19.1	20,012	0.2	181,813	2.2	8,116,364
2018	5,219,667	54.8	1,354,212	14.2	28,440	0.3	499,672	5.2	-	-	2,017,740	21.2	48,565	0.5	355,419	3.7	9,523,715
2019	4,881,249	57.5	672,847	7.9	-	-	1,116,473	13.2	-	-	1,550,073	18.3	33,958	0.4	231,528	2.7	8,486,128
2020	5,753,573	53.8	850,189	8.0	2,370	0.0	1,443,890	13.5	-	-	2,256,020	21.1	163,877	1.5	222,667	2.1	10,692,586
2021	4,942,648	56.1	1,266,546	14.4	1,802	0.0	787,557	8.9	-	-	1,617,519	18.4	40,466	0.5	153,308	1.7	8,809,846
2022	4,434,964	54.3	1,307,518	16.0	3,111	0.0	472,178	5.8	11,851	0.1	1,751,542	21.5	-	-	179,110	2.2	8,160,274
2023	5,752,462	63.3	1,285,587	14.2	3,752	0.0	386,262	4.3	-	-	1,436,035	15.8	3,466	0.0	213,487	2.4	9,081,051
<b>TOTAL</b>	<b>95,770,699</b>	<b>63.5</b>	<b>10,439,928</b>	<b>6.9</b>	<b>163,734</b>	<b>0.1</b>	<b>12,186,970</b>	<b>8.1</b>	<b>55,503</b>	<b>0.0</b>	<b>23,049,981</b>	<b>15.3</b>	<b>3,398,508</b>	<b>2.3</b>	<b>5,707,474</b>	<b>3.8</b>	<b>150,772,797</b>



**SELECTED MINING COMMODITIES  
2004 - 2023**

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	%	
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
2016	537,927	6.3	785,994	9.2	5,196,730	60.7	62,058	0.7	27	0.0	140,162	1.6	888,822	10.4	949,374	11.1	8,561,094
2017	188,294	1.9	1,256,139	12.4	6,361,732	62.8	71,988	0.7	-	-	94,176	0.9	1,116,323	11.0	1,041,604	10.3	10,130,256
2018	273,805	2.7	927,848	9.3	5,536,274	55.6	73,878	0.7	-	-	100,513	1.0	1,751,786	17.6	1,298,889	13.0	9,962,993
2019	98,060	1.0	996,125	9.9	5,149,164	51.3	54,166	0.5	2,904	0.0	55,275	0.6	2,231,591	22.2	1,447,481	14.4	10,034,766
2020	142,983	1.6	980,570	10.9	5,067,731	56.3	60,574	0.7	-	-	64,261	0.7	1,206,268	13.4	1,480,695	16.4	9,003,082
2021	110,767	1.1	1,183,403	11.6	5,852,596	57.3	27,430	0.3	-	-	106,253	1.0	1,002,256	9.8	1,924,161	18.9	10,206,866
2022	237,681	2.2	1,329,681	12.5	5,567,353	52.4	8,495	0.1	306	0.0	103,513	1.0	1,083,423	10.2	2,296,053	21.6	10,626,505
2023	163,592	1.6	1,029,823	10.0	4,896,124	47.6	10,429	0.1	2,774	0.0	97,656	0.9	1,178,789	11.5	2,901,730	28.2	10,280,917
<b>TOTAL</b>	<b>14,669,644</b>	<b>6.2</b>	<b>24,072,610</b>	<b>10.2</b>	<b>138,674,139</b>	<b>58.8</b>	<b>1,630,408</b>	<b>0.7</b>	<b>82,854</b>	<b>0.0</b>	<b>4,663,700</b>	<b>2.0</b>	<b>24,846,212</b>	<b>10.5</b>	<b>27,326,238</b>	<b>11.6</b>	<b>235,965,805</b>

**SELECTED PROCESSED COMMODITIES  
2004 - 2023**

**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	%
<b>2004</b>	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	1,807,432	20.9
<b>2005</b>	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
<b>2006</b>	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
<b>2007</b>	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
<b>2008</b>	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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	496,004	7.4	1,063,030	15.9	793,348	11.9	1,998	0.0	178,685	2.7	1,622,826	24.3	68,300	1.0	134,785	2.0	2,308,505	34.6
<b>2013</b>	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
<b>2014</b>	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
<b>2015</b>	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>2016</b>	955,603	12.8	791,910	10.6	919,769	12.3	9,108	0.1	44,378	0.6	2,189,941	29.4	35,865	0.5	100,649	1.4	2,402,755	32.3
<b>2017</b>	871,006	9.9	1,401,029	16.0	654,963	7.5	15,086	0.2	164,721	1.9	2,929,790	33.4	137,888	1.6	81,420	0.9	2,518,537	28.7
<b>2018</b>	748,794	7.8	2,205,850	22.9	799,817	8.3	2,809	0.0	211,851	2.2	2,983,002	30.9	293,618	3.0	53,789	0.6	2,342,499	24.3
<b>2019</b>	1,342,430	15.1	1,749,588	19.7	784,118	8.8	26,583	0.3	159,010	1.8	1,656,597	18.7	523,185	5.9	18,519	0.2	2,604,847	29.4
<b>2020</b>	512,171	6.8	1,187,511	15.9	714,987	9.6	7,021	0.1	159,258	2.1	1,787,134	23.9	573,366	7.7	63,012	0.8	2,475,583	33.1
<b>2021</b>	499,915	5.3	1,199,714	12.6	830,170	8.7	11,908	0.1	41,507	0.4	3,447,262	36.2	643,236	6.8	54,889	0.6	2,784,327	29.3
<b>2022</b>	862,068	9.8	1,257,075	14.3	691,153	7.9	16,258	0.2	99,684	1.1	2,510,058	28.6	711,319	8.1	17,876	0.2	2,608,830	29.7
<b>2023</b>	642,127	7.2	1,541,128	17.4	685,094	7.7	9,349	0.1	62,131	0.7	2,234,689	25.2	929,516	10.5	54,323	0.6	2,718,745	30.6
<b>TOTAL</b>	<b>13,410,980</b>	<b>8.8</b>	<b>23,515,137</b>	<b>15.3</b>	<b>13,966,212</b>	<b>9.1</b>	<b>247,439</b>	<b>0.2</b>	<b>3,058,262</b>	<b>2.0</b>	<b>47,067,539</b>	<b>30.7</b>	<b>4,689,897</b>	<b>3.1</b>	<b>2,288,263</b>	<b>1.5</b>	<b>45,012,059</b>	<b>29.4</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  
2023**

**TABLE W1**

**WELLAND CANAL SECTION**

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES									
	Loaded	Ballast	Total		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%	
<b>UPBOUND:</b>														
<b>Ocean:</b>	Cargo	200	58	258	4,484,595	1,040,831	-	118,065	-	20,129	1,221,076	19,787	2,419,888	8.8
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	13	27	40	405,563	94,800	-	-	-	-	-	-	94,800	0.3
	<b>Total Ocean</b>	213	85	298	4,890,158	1,135,631	-	118,065	-	20,129	1,221,076	19,787	2,514,688	9.2
<b>Laker:</b>	Cargo	125	625	750	14,146,666	1,450,262	-	100,367	-	-	2,064	-	1,552,693	5.7
	Barge	69	47	116	850,557	602,791	-	-	-	-	-	-	602,791	2.2
	Tanker	19	122	141	1,624,573	189,793	-	-	-	-	-	-	189,793	0.7
	<b>Total Laker</b>	213	794	1,007	16,621,796	2,242,846	-	100,367	-	-	2,064	-	2,345,277	8.6
<b>Non-Cargo (2)</b>		-	262	262	610,383	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>		426	1,141	1,567	22,122,337	3,378,477	-	218,432	-	20,129	1,223,140	19,787	4,859,965	17.8
<b>DOWNBOUND:</b>														
<b>Ocean:</b>	Cargo	227	30	257	4,476,147	1,700,701	-	2,306,298	-	6,388	11,483	22,712	4,047,582	14.8
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	30	8	38	381,875	262,030	-	-	-	-	-	-	262,030	1.0
	<b>Total Ocean</b>	257	38	295	4,858,022	1,962,731	-	2,306,298	-	6,388	11,483	22,712	4,309,612	15.7
<b>Laker:</b>	Cargo	667	78	745	14,020,386	8,866,393	2,017,661	5,368,520	-	-	-	-	16,252,574	59.4
	Barge	59	58	117	848,094	451,344	-	51,387	-	-	-	-	502,731	1.8
	Tanker	132	10	142	1,635,864	1,440,177	-	-	-	-	-	-	1,440,177	5.3
	<b>Total Laker</b>	858	146	1,004	16,504,344	10,757,914	2,017,661	5,419,907	-	-	-	-	18,195,482	66.5
<b>Non-Cargo (2)</b>		-	262	262	616,356	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>		1,115	446	1,561	21,978,722	12,720,645	2,017,661	7,726,205	-	6,388	11,483	22,712	22,505,094	82.2
<b>TOTALS:</b>														
<b>Ocean:</b>	Cargo	427	88	515	8,960,742	2,741,532	-	2,424,363	-	26,517	1,232,559	42,499	6,467,470	23.6
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	43	35	78	787,438	356,830	-	-	-	-	-	-	356,830	1.3
	<b>Total Ocean</b>	470	123	593	9,748,180	3,098,362	-	2,424,363	-	26,517	1,232,559	42,499	6,824,300	24.9
<b>Laker:</b>	Cargo	792	703	1,495	28,167,052	10,316,655	2,017,661	5,468,887	-	-	2,064	-	17,805,267	65.1
	Barge	128	105	233	1,698,651	1,054,135	-	51,387	-	-	-	-	1,105,522	4.0
	Tanker	151	132	283	3,260,437	1,629,970	-	-	-	-	-	-	1,629,970	6.0
	<b>Total Laker</b>	1,071	940	2,011	33,126,140	13,000,760	2,017,661	5,520,274	-	-	2,064	-	20,540,759	75.1
<b>Non-Cargo (2)</b>		-	524	524	1,226,739	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>		1,541	1,587	3,128	44,101,059	16,099,122	2,017,661	7,944,637	-	26,517	1,234,623	42,499	27,365,059	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 passenger vessels.

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO  
2023**

**TABLE W2**

**WELLAND CANAL SECTION**

COMMODITY	CARGO TONNES								% of Total
	Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	
Wheat	-	-	5,877,333	-	-	-	-	5,877,333	21.5
Corn	-	-	438,404	-	-	-	-	438,404	1.6
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	3,752	-	-	-	-	3,752	0.0
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	666,464	-	-	-	-	666,464	2.4
Canola Meal, Pellets	-	-	25,134	-	-	-	-	25,134	0.1
Flour, Wheat & Other Edible	6,397	-	-	-	-	-	-	6,397	0.0
Soybeans	-	-	615,045	-	-	-	-	615,045	2.2
Soybean Oil Cake, Meal, Pellets	-	-	142,237	-	-	-	-	142,237	0.5
Beans and Peas	-	-	-	-	-	-	-	-	-
Flaxseed	-	-	3,466	-	-	-	-	3,466	0.0
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	172,802	-	84	-	-	172,886	0.6
<b>Total Agricultural Products</b>	<b>6,397</b>	<b>-</b>	<b>7,944,637</b>	<b>-</b>	<b>84</b>	<b>-</b>	<b>-</b>	<b>7,951,118</b>	<b>29.1</b>
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	15	-	-	15	0.0
Other Animal Products	-	-	-	-	-	-	-	-	-
<b>Total Animal Products</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>0.0</b>
Bituminous Coal	-	2,017,661	-	-	-	-	-	2,017,661	7.4
Coke	1,418,273	-	-	-	-	-	-	1,418,273	5.2
Iron Ore	4,407,406	-	-	-	-	-	-	4,407,406	16.1
Aluminum Ore and Concentrates	111,067	-	-	-	-	-	-	111,067	0.4
Clay and Bentonite	10,429	-	-	-	-	-	-	10,429	0.0
Gravel and Sand	130,737	-	-	-	2,570	-	-	133,307	0.5
Stone	153,434	-	-	-	-	-	-	153,434	0.6
Salt	2,907,171	-	-	-	-	-	-	2,907,171	10.6
Potash	1,548,896	-	-	-	-	-	-	1,548,896	5.7
Gypsum	99,664	-	-	-	-	-	-	99,664	0.4
Asphalt	201,876	-	-	-	-	-	-	201,876	0.7
Other Mine Products	40,632	-	-	-	39	-	-	40,671	0.1
<b>Total Mine Products</b>	<b>11,029,585</b>	<b>2,017,661</b>	<b>-</b>	<b>-</b>	<b>2,609</b>	<b>-</b>	<b>-</b>	<b>13,049,855</b>	<b>47.7</b>
Lumber	38,804	-	-	-	-	-	-	38,804	0.1
Other Forest Products	-	-	-	-	7,897	-	-	7,897	0.0
<b>Total Forest Products</b>	<b>38,804</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,897</b>	<b>-</b>	<b>-</b>	<b>46,701</b>	<b>0.2</b>
Gasoline	498,395	-	-	-	-	-	-	498,395	1.8
Fuel Oil	1,527,435	-	-	-	174	-	-	1,527,609	5.6
Other Petroleum Products	11,614	-	-	-	245	-	-	11,859	0.0
Chemicals	196,251	-	-	-	4,162	-	-	200,413	0.7
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	6,454	-	-	-	-	-	-	6,454	0.0
Pig Iron	62,131	-	-	-	-	-	-	62,131	0.2
Iron and Steel	-	-	-	-	215	1,168,224	-	1,168,439	4.3
Steel Slabs	-	-	-	-	-	-	42,499	42,499	0.2
Machinery and Machines	191	-	-	-	729	14,199	-	15,119	0.1
Cement	979,622	-	-	-	-	-	-	979,622	3.6
Cement Clinkers	547,095	-	-	-	-	-	-	547,095	2.0
Woodpulp	20,432	-	-	-	489	-	-	20,921	0.1
Newsprint and Paper Products	-	-	-	-	-	-	-	-	-
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	60,000	-	-	-	55	-	-	60,055	0.2
Food Products	-	-	-	-	-	-	-	-	-
Furnace Slags	704,277	-	-	-	-	-	-	704,277	2.6
Scrap Iron and Steel	25,983	-	-	-	-	-	-	25,983	0.1
Other Manufactures and Misc. (2)	384,456	-	-	-	9,843	52,200	-	446,499	1.6
<b>Total Manufactures and Misc.</b>	<b>5,024,336</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,912</b>	<b>1,234,623</b>	<b>42,499</b>	<b>6,317,370</b>	<b>23.1</b>
<b>GRAND TOTAL</b>	<b>16,099,122</b>	<b>2,017,661</b>	<b>7,944,637</b>	<b>-</b>	<b>26,517</b>	<b>1,234,623</b>	<b>42,499</b>	<b>27,365,059</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  
2023**

**TABLE W3 - Part A**

**WELLAND CANAL SECTION**

NO.	COMMODITY	from:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP-BOUND
			CANADA		UNITED STATES		FOREIGN			
			to: Canada	United States	Canada	United States	Canada	United States		
1	Wheat	-	23,201	-	-	-	-	23,201	0.5	
2	Corn	-	77,166	-	-	-	-	77,166	1.6	
3	Rye	-	-	-	-	-	-	-	-	
4	Oats	-	-	-	-	-	-	-	-	
5	Barley	-	-	-	-	-	-	-	-	
6	Canola (Rapeseed)	-	-	-	-	107,065	-	107,065	2.2	
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-	
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	
9	Soybeans	-	-	-	-	-	-	-	-	
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-	
11	Beans and Peas	-	-	-	-	-	-	-	-	
12	Flaxseed	-	-	-	-	-	-	-	-	
13	Sunflower Seeds	-	-	-	-	-	-	-	-	
14	Other Agricultural Products	-	-	-	-	-	11,084	11,084	0.2	
15	<b>Total Agricultural Products</b>	-	100,367	-	-	107,065	11,084	218,516	4.5	
16	Packing House Products, Edible	-	-	-	-	-	-	-	-	
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	15	15	0.0	
18	Other Animal Products	-	-	-	-	-	-	-	-	
19	<b>Total Animal Products</b>	-	-	-	-	-	15	15	0.0	
20	Bituminous Coal	-	-	-	-	-	-	-	-	
21	Coke	38,270	55,622	39,000	-	41,829	81,602	256,323	5.3	
22	Iron Ore	-	18,162	-	-	-	-	18,162	0.4	
23	Aluminum Ore and Concentrates	-	104,866	-	-	6,201	-	111,067	2.3	
24	Clay and Bentonite	-	-	-	-	-	-	-	-	
25	Gravel and Sand	-	-	-	-	428	2,346	2,774	0.1	
26	Stone	24,289	-	-	-	-	15,036	39,325	0.8	
27	Salt	-	-	-	-	-	-	-	-	
28	Potash	-	-	-	-	-	-	-	-	
29	Gypsum	-	99,664	-	-	-	-	99,664	2.1	
30	Asphalt	-	31,283	-	-	-	-	31,283	0.6	
31	Other Mine Products	-	-	-	-	-	32,041	32,041	0.7	
32	<b>Total Mine Products</b>	62,559	309,597	39,000	-	48,458	131,025	590,639	12.2	
33	Lumber	-	-	-	-	-	38,804	38,804	0.8	
34	Other Forest Products	-	-	-	-	-	7,887	7,887	0.2	
35	<b>Total Forest Products</b>	-	-	-	-	-	46,691	46,691	1.0	
36	Gasoline	20,298	-	12,185	-	46,216	-	78,699	1.6	
37	Fuel Oil	133,016	37,219	-	-	-	54	170,289	3.5	
38	Other Petroleum Products	-	-	-	-	-	-	-	-	
39	Chemicals	11,076	-	-	-	19,500	21,915	52,491	1.1	
40	Sodium Products	-	-	-	-	-	-	-	-	
41	Tar, Pitch and Creosote	-	-	-	-	-	-	-	-	
42	Pig Iron	-	62,131	-	-	-	-	62,131	1.3	
43	Iron and Steel	-	-	-	-	348,805	812,762	1,161,567	23.9	
44	Steel Slabs	-	-	-	-	19,721	66	19,787	0.4	
45	Machinery and Machines	-	191	-	-	9,469	5,313	14,973	0.3	
46	Cement	32,053	508,172	-	-	56,559	382,838	979,622	20.2	
47	Cement Clinkers	-	509,514	-	-	17,750	19,831	547,095	11.3	
48	Woodpulp	-	-	-	-	-	20,432	20,432	0.4	
49	Newsprint and Paper Products	-	-	-	-	-	-	-	-	
50	Syrup and Molasses	-	-	-	-	-	-	-	-	
51	Sugar	-	-	-	-	-	60,055	60,055	1.2	
52	Food Products	-	-	-	-	-	-	-	-	
53	Furnace Slags	26,657	307,556	-	-	13,622	50,017	397,852	8.2	
54	Scrap Iron and Steel	-	-	-	-	-	-	-	-	
55	Other Manufactures and Misc. (1)	25,403	239,961	8,510	-	79,259	85,978	439,111	9.0	
56	<b>Total Manufactures and Misc.</b>	248,503	1,664,744	20,695	-	610,901	1,459,261	4,004,104	82.4	
57	<b>GRAND TOTAL</b>	311,062	2,074,708	59,695	-	766,424	1,648,076	4,859,965	100.0	

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY  
2023**

**TABLE W3 - Part B**

**WELLAND CANAL SECTION**

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					
4,374,052	16,857	1,057,423	30,781	-	375,019	5,854,132	26.0	5,877,333	21.5	1
14,588	-	289,538	-	-	57,112	361,238	1.6	438,404	1.6	2
-	-	-	-	-	-	-	-	-	-	3
-	-	3,752	-	-	-	3,752	0.0	3,752	0.0	4
-	-	-	-	-	-	-	-	-	-	5
470,934	-	63,483	24,982	-	-	559,399	2.5	666,464	2.4	6
25,134	-	-	-	-	-	25,134	0.1	25,134	0.1	7
6,397	-	-	-	-	-	6,397	0.0	6,397	0.0	8
404,083	-	101,295	34,324	-	75,343	615,045	2.7	615,045	2.2	9
31,862	-	101,466	-	-	8,909	142,237	0.6	142,237	0.5	10
-	-	-	-	-	-	-	-	-	-	11
-	-	3,466	-	-	-	3,466	0.0	3,466	0.0	12
-	-	-	-	-	-	-	-	-	-	13
-	-	14,845	-	-	146,957	161,802	0.7	172,886	0.6	14
5,327,050	16,857	1,635,268	90,087	-	663,340	7,732,602	34.4	7,951,118	29.1	15
-	-	-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	15	0.0	17
-	-	-	-	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	15	0.0	19
107,230	-	-	1,910,431	-	-	2,017,661	9.0	2,017,661	7.4	20
253,455	-	61,422	807,162	-	39,911	1,161,950	5.2	1,418,273	5.2	21
287,183	-	-	4,017,758	-	84,303	4,389,244	19.5	4,407,406	16.1	22
-	-	-	-	-	-	-	-	111,067	0.4	23
-	-	10,429	-	-	-	10,429	0.0	10,429	0.0	24
-	-	-	130,533	-	-	130,533	0.6	133,307	0.5	25
114,109	-	-	-	-	-	114,109	0.5	153,434	0.6	26
1,566,711	113,696	-	1,226,764	-	-	2,907,171	12.9	2,907,171	10.6	27
57,411	12,832	1,478,653	-	-	-	1,548,896	6.9	1,548,896	5.7	28
-	-	-	-	-	-	-	-	99,664	0.4	29
68,417	42,851	-	59,325	-	-	170,593	0.8	201,876	0.7	30
-	3,385	-	5,245	-	-	8,630	0.0	40,671	0.1	31
2,454,516	172,764	1,550,504	8,157,218	-	124,214	12,459,216	55.4	13,049,855	47.7	32
-	-	-	-	-	-	-	-	38,804	0.1	33
-	-	-	-	-	10	10	0.0	7,897	0.0	34
-	-	-	-	-	10	10	0.0	46,701	0.2	35
391,216	10,994	17,486	-	-	-	419,696	1.9	498,395	1.8	36
1,293,435	38,896	20,885	3,984	-	120	1,357,320	6.0	1,527,609	5.6	37
11,614	-	-	-	-	245	11,859	0.1	11,859	0.0	38
24,140	15,244	-	105,749	-	2,789	147,922	0.7	200,413	0.7	39
-	-	-	-	-	-	-	-	-	-	40
-	6,454	-	-	-	-	6,454	0.0	6,454	0.0	41
-	-	-	-	-	-	-	-	62,131	0.2	42
-	-	-	-	-	6,872	6,872	0.0	1,168,439	4.3	43
-	-	-	-	-	22,712	22,712	0.1	42,499	0.2	44
-	-	-	-	-	146	146	0.0	15,119	0.1	45
-	-	-	-	-	-	-	-	979,622	3.6	46
-	-	-	-	-	-	-	-	547,095	2.0	47
-	-	-	-	-	489	489	0.0	20,921	0.1	48
-	-	-	-	-	-	-	-	-	-	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	60,055	0.2	51
-	-	-	-	-	-	-	-	-	-	52
271,279	-	-	35,146	-	-	306,425	1.4	704,277	2.6	53
-	-	-	-	-	25,983	25,983	0.1	25,983	0.1	54
-	685	142	188	-	6,373	7,388	0.0	446,499	1.6	55
1,991,684	72,273	38,513	145,067	-	65,729	2,313,266	10.3	6,317,370	23.1	56
9,773,250	261,894	3,224,285	8,392,372	-	853,293	22,505,094	100.0	27,365,059	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO  
2023**

**TABLE W4**

**WELLAND CANAL SECTION**

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES (1)								
	Loaded	Ballast	Total		Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	%
<b>UPBOUND:</b>													
March	5	38	43	650,377	48,526	-	-	-	-	-	-	48,526	0.2
April	37	114	151	2,125,332	253,020	-	-	-	38	159,583	-	412,641	1.5
May	52	124	176	2,496,110	437,849	-	27,653	-	4,584	133,968	-	604,054	2.2
June	46	123	169	2,350,628	379,968	-	49,513	-	1,780	86,559	-	517,820	1.9
July	48	112	160	2,350,516	388,659	-	-	-	1,880	126,985	-	517,524	1.9
August	55	136	191	2,568,340	408,937	-	41,746	-	1,517	166,676	-	618,876	2.3
September	49	135	184	2,599,425	434,255	-	45,823	-	1,228	126,216	66	607,588	2.2
October	41	93	134	2,068,923	297,089	-	-	-	430	167,734	19,721	484,974	1.8
November	55	131	186	2,602,148	385,581	-	53,697	-	7,239	190,949	-	637,466	2.3
December	37	123	160	2,124,225	336,299	-	-	-	1,433	64,470	-	402,202	1.5
January	1	12	13	186,313	8,294	-	-	-	-	-	-	8,294	0.0
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Upbound</b>	<b>426</b>	<b>1,141</b>	<b>1,567</b>	<b>22,122,337</b>	<b>3,378,477</b>	<b>-</b>	<b>218,432</b>	<b>-</b>	<b>20,129</b>	<b>1,223,140</b>	<b>19,787</b>	<b>4,859,965</b>	<b>17.8</b>
<b>DOWNBOUND:</b>													
March	16	11	27	293,142	149,223	91,750	59,188	-	-	-	-	300,161	1.1
April	107	40	147	2,079,418	1,264,042	179,323	798,784	-	-	-	-	2,242,149	8.2
May	119	42	161	2,268,961	1,245,199	222,180	905,943	-	911	735	12,115	2,387,083	8.7
June	116	61	177	2,429,660	1,451,377	287,336	708,532	-	1,310	-	-	2,448,555	8.9
July	120	38	158	2,392,243	1,643,369	251,462	568,867	-	1,813	1,018	-	2,466,529	9.0
August	115	63	178	2,335,487	1,516,591	139,499	670,497	-	1,349	-	-	2,327,936	8.5
September	128	70	198	2,596,796	1,666,047	206,382	772,092	-	-	-	-	2,644,521	9.7
October	111	32	143	2,206,108	1,144,186	143,670	897,640	-	1,005	1,529	-	2,188,030	8.0
November	130	39	169	2,424,809	1,336,376	274,123	985,674	-	-	-	10,597	2,606,770	9.5
December	142	46	188	2,725,264	1,152,606	221,936	1,296,180	-	-	8,201	-	2,678,923	9.8
January	11	4	15	226,834	151,629	-	62,808	-	-	-	-	214,437	0.8
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Downbound</b>	<b>1,115</b>	<b>446</b>	<b>1,561</b>	<b>21,978,722</b>	<b>12,720,645</b>	<b>2,017,661</b>	<b>7,726,205</b>	<b>-</b>	<b>6,388</b>	<b>11,483</b>	<b>22,712</b>	<b>22,505,094</b>	<b>82.2</b>
<b>TOTALS:</b>													
March	21	49	70	943,519	197,749	91,750	59,188	-	-	-	-	348,687	1.3
April	144	154	298	4,204,750	1,517,062	179,323	798,784	-	38	159,583	-	2,654,790	9.7
May	171	166	337	4,765,071	1,683,048	222,180	933,596	-	5,495	134,703	12,115	2,991,137	10.9
June	162	184	346	4,780,288	1,831,345	287,336	758,045	-	3,090	86,559	-	2,966,375	10.8
July	168	150	318	4,742,759	2,032,028	251,462	568,867	-	3,693	128,003	-	2,984,053	10.9
August	170	199	369	4,903,827	1,925,528	139,499	712,243	-	2,866	166,676	-	2,946,812	10.8
September	177	205	382	5,196,221	2,100,302	206,382	817,915	-	1,228	126,216	66	3,252,109	11.9
October	152	125	277	4,275,031	1,441,275	143,670	897,640	-	1,435	169,263	19,721	2,673,004	9.8
November	185	170	355	5,026,957	1,721,957	274,123	1,039,371	-	7,239	190,949	10,597	3,244,236	11.9
December	179	169	348	4,849,489	1,488,905	221,936	1,296,180	-	1,433	72,671	-	3,081,125	11.3
January	12	16	28	413,147	159,923	-	62,808	-	-	-	-	222,731	0.8
February	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>1,541</b>	<b>1,587</b>	<b>3,128</b>	<b>44,101,059</b>	<b>16,099,122</b>	<b>2,017,661</b>	<b>7,944,637</b>	<b>-</b>	<b>26,517</b>	<b>1,234,623</b>	<b>42,499</b>	<b>27,365,059</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  
2004 - 2023**

**TABLE W5**

**WELLAND CANAL SECTION**

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
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
2016	1,528	1,520	3,048	5,734,200	20,488,154	26,222,354	19,114,338	19,123,364	38,237,702
2017	1,616	1,632	3,248	6,362,255	23,842,978	30,205,233	21,999,747	22,063,687	44,063,434
2018	1,582	1,565	3,147	7,366,523	22,753,075	30,119,598	21,727,936	21,641,132	43,369,068
2019	1,594	1,592	3,186	6,885,634	21,691,650	28,577,284	22,121,624	22,101,513	44,223,137
2020	1,593	1,595	3,188	4,663,768	24,193,837	28,857,605	23,035,739	22,938,723	45,974,462
2021	1,546	1,535	3,081	5,256,583	22,401,421	27,658,004	21,971,533	21,846,749	43,818,282
2022	1,578	1,574	3,152	4,823,641	21,004,954	25,828,595	21,224,404	21,220,083	42,444,487
2023	1,567	1,561	3,128	4,859,965	22,505,094	27,365,059	22,122,337	21,978,722	44,101,059
<b>TOTAL</b>	<b>32,258</b>	<b>32,293</b>	<b>64,551</b>	<b>156,437,027</b>	<b>447,182,761</b>	<b>603,619,788</b>	<b>402,946,047</b>	<b>402,255,911</b>	<b>805,201,958</b>

**CARGO BY TARIFF CLASSIFICATION  
2004 - 2023**

**TABLE W6**

**WELLAND CANAL SECTION**

YEAR	BULK (1)		COAL		GRAINS		GOVT. AID		CONTAINERS		GENERAL CARGO		STEEL SLABS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2016	12,582,434	48.0	2,248,123	8.6	9,856,724	37.6	-	-	18,272	0.1	1,496,493	5.7	20,308	0.1	26,222,354
2017	17,263,953	57.2	2,250,002	7.4	8,541,851	28.3	-	-	12,557	0.0	1,847,458	6.1	289,412	1.0	30,205,233
2018	16,380,489	54.4	2,544,993	8.4	9,432,884	31.3	-	-	8,610	0.0	1,441,940	4.8	310,682	1.0	30,119,598
2019	16,392,708	57.4	2,391,464	8.4	8,721,461	30.5	-	-	9,540	0.0	983,060	3.4	79,051	0.3	28,577,284
2020	14,381,137	49.8	2,438,993	8.5	10,993,909	38.1	-	-	11,462	0.0	914,017	3.2	118,087	0.4	28,857,605
2021	15,565,376	56.3	2,115,932	7.7	8,272,347	29.9	-	-	28,800	0.1	1,509,175	5.5	166,374	0.6	27,658,004
2022	15,186,026	58.8	1,770,540	6.9	7,353,928	28.5	-	-	66,520	0.3	1,432,628	5.5	18,953	0.1	25,828,595
2023	16,099,122	58.8	2,017,661	7.4	7,944,637	29.0	-	-	26,517	0.1	1,234,623	4.5	42,499	0.2	27,365,059
<b>TOTAL</b>	<b>333,715,460</b>	<b>55.3</b>	<b>62,180,818</b>	<b>10.3</b>	<b>175,168,979</b>	<b>29.0</b>	<b>11,064</b>	<b>0.0</b>	<b>247,272</b>	<b>0.0</b>	<b>29,964,288</b>	<b>5.0</b>	<b>2,331,907</b>	<b>0.4</b>	<b>603,619,788</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  
2004 - 2023**

**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
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
2016	5,734,200	498	1,030	1,528	20,488,154	1,037	483	1,520	26,222,354	1,535	1,513	3,048
2017	6,362,255	537	1,079	1,616	23,842,978	1,158	474	1,632	30,205,233	1,695	1,553	3,248
2018	7,366,523	576	1,006	1,582	22,753,075	1,099	466	1,565	30,119,598	1,675	1,472	3,147
2019	6,885,634	602	992	1,594	21,691,650	1,058	534	1,592	28,577,284	1,660	1,526	3,186
2020	4,663,768	471	1,122	1,593	24,193,837	1,170	425	1,595	28,857,605	1,641	1,547	3,188
2021	5,256,583	478	1,068	1,546	22,401,421	1,104	431	1,535	27,658,004	1,582	1,499	3,081
2022	4,823,641	463	1,115	1,578	21,004,954	1,057	517	1,574	25,828,595	1,520	1,632	3,152
2023	4,859,965	426	1,141	1,567	22,505,094	1,115	446	1,561	27,365,059	1,541	1,587	3,128
<b>TOTAL</b>	<b>156,437,027</b>	<b>11,439</b>	<b>20,819</b>	<b>32,258</b>	<b>447,182,761</b>	<b>22,461</b>	<b>9,832</b>	<b>32,293</b>	<b>603,619,788</b>	<b>33,900</b>	<b>30,651</b>	<b>64,551</b>

**COMMODITY GROUPS  
2004 - 2023**

**TABLE W8**

**WELLAND CANAL SECTION**

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
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
2016	9,856,724	37.6	-	-	10,448,446	39.8	8,649	0.0	5,908,535	22.5	26,222,354
2017	8,541,854	28.3	-	-	14,757,279	48.9	3,282	0.0	6,902,818	22.9	30,205,233
2018	9,432,884	31.3	-	-	13,816,279	45.9	2,238	0.0	6,868,197	22.8	30,119,598
2019	8,721,461	30.5	-	-	13,071,792	45.7	23,053	0.1	6,760,978	23.7	28,577,284
2020	10,993,975	38.1	-	-	12,023,636	41.7	22,676	0.1	5,817,318	20.2	28,857,605
2021	8,274,746	29.9	-	-	12,963,622	46.9	20,732	0.1	6,398,904	23.1	27,658,004
2022	7,360,974	28.5	-	-	12,090,307	46.8	35,811	0.1	6,341,503	24.6	25,828,595
2023	7,951,118	29.1	15	0.0	13,049,855	47.7	46,701	0.2	6,317,370	23.1	27,365,059
<b>TOTAL</b>	<b>175,190,936</b>	<b>29.0</b>	<b>5,254</b>	<b>0.0</b>	<b>296,215,574</b>	<b>49.1</b>	<b>382,636</b>	<b>0.1</b>	<b>131,825,388</b>	<b>21.8</b>	<b>603,619,788</b>

**U.S. GRAINS  
2004 - 2023**

**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	%	
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
2016	1,167,015	42.6	587,315	21.4	-	-	44,034	1.6	-	-	776,636	28.4	8,000	0.3	156,243	5.7	2,739,243
2017	636,432	36.3	194,892	11.1	-	-	20,905	1.2	-	-	834,843	47.6	-	-	66,956	3.8	1,754,028
2018	786,544	32.5	404,321	16.7	-	-	43,707	1.8	-	-	1,051,802	43.5	-	-	131,904	5.5	2,418,278
2019	1,105,675	67.7	11,552	0.7	-	-	13,239	0.8	-	-	402,184	24.6	-	-	101,330	6.2	1,633,980
2020	869,676	40.8	113,213	5.3	-	-	20,943	1.0	-	-	1,043,704	49.0	-	-	82,083	3.9	2,129,619
2021	450,564	35.4	142,824	11.2	-	-	-	-	-	-	518,821	40.8	-	-	159,890	12.6	1,272,099
2022	296,066	22.7	210,417	16.1	-	-	-	-	-	-	604,985	46.4	-	-	193,643	14.8	1,305,111
2023	405,800	53.9	57,112	7.6	-	-	24,982	3.3	-	-	109,667	14.6	-	-	155,866	20.7	753,427
<b>TOTAL</b>	<b>21,589,961</b>	<b>46.0</b>	<b>7,241,551</b>	<b>15.4</b>	<b>-</b>	<b>-</b>	<b>440,193</b>	<b>0.9</b>	<b>105,212</b>	<b>0.2</b>	<b>14,125,939</b>	<b>30.1</b>	<b>313,193</b>	<b>0.7</b>	<b>3,138,730</b>	<b>6.7</b>	<b>46,954,779</b>

**CANADIAN GRAINS  
2004 - 2023**

**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	%	
2004	3,995,747	75.7	21,119	0.4	42,534	0.8	235,670	4.5	-	-	267,713	5.1	350,048	6.6	366,398	6.9	5,279,229
2005	3,754,479	70.8	-	-	-	-	414,092	7.8	-	-	174,313	3.3	324,783	6.1	632,667	11.9	5,300,334
2006	4,746,558	75.0	31,733	0.5	14,961	0.2	461,209	7.3	9,409	0.1	130,001	2.1	442,759	7.0	495,035	7.8	6,331,665
2007	4,185,531	74.5	67,585	1.2	58,150	1.0	395,103	7.0	14,218	0.3	197,032	3.5	458,821	8.2	242,400	4.3	5,618,840
2008	4,142,230	78.3	50,507	1.0	7,589	0.1	293,934	5.6	1,794	0.0	140,627	2.7	438,258	8.3	214,791	4.1	5,289,730
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	-	-	354,376	7.1	1,761	0.0	403,258	8.0	249,718	5.0	226,349	4.5	5,024,630
2011	4,272,918	73.1	42,844	0.7	2,199	0.0	909,984	15.6	-	-	332,420	5.7	88,925	1.5	197,560	3.4	5,846,850
2012	4,741,194	76.8	42,265	0.7	2,200	0.0	745,331	12.1	-	-	349,933	5.7	36,031	0.6	258,243	4.2	6,175,197
2013	4,064,898	76.6	93,145	1.8	2,204	0.0	455,939	8.6	-	-	293,661	5.5	113,536	2.1	285,450	5.4	5,308,833
2014	6,111,484	74.8	254,739	3.1	2,182	0.0	858,239	10.5	-	-	439,337	5.4	159,719	2.0	342,221	4.2	8,167,921
2015	5,543,789	74.9	32,185	0.4	35,153	0.5	869,233	11.7	-	-	427,570	5.8	117,975	1.6	374,955	5.1	7,400,860
2016	4,566,412	64.7	91,876	1.3	-	-	1,257,802	17.8	-	-	670,654	9.5	76,409	1.1	395,916	5.6	7,059,069
2017	4,458,997	65.8	117,476	1.7	-	-	1,301,846	19.2	-	-	700,890	10.3	20,012	0.3	181,813	2.7	6,781,034
2018	5,163,604	73.6	182,042	2.6	28,440	0.4	655,074	9.3	-	-	582,401	8.3	48,565	0.7	354,480	5.1	7,014,606
2019	4,896,048	69.2	61,524	0.9	-	-	1,249,746	17.7	-	-	607,283	8.6	33,958	0.5	230,422	3.3	7,078,981
2020	5,739,561	64.8	186,443	2.1	2,370	0.0	1,599,187	18.1	-	-	944,887	10.7	163,877	1.9	217,919	2.5	8,854,244
2021	4,942,648	56.1	1,266,546	14.4	1,802	0.0	787,557	8.9	-	-	1,617,519	18.4	40,466	0.5	153,308	1.7	8,809,846
2022	4,353,726	72.2	254,730	4.2	3,111	0.1	626,027	10.4	11,851	0.2	621,127	10.3	-	-	157,270	2.6	6,027,842
2023	5,471,533	77.4	381,292	5.4	3,752	0.1	534,417	7.6	-	-	505,378	7.1	3,466	0.0	173,307	2.5	7,073,145
<b>TOTAL</b>	<b>93,103,538</b>	<b>71.8</b>	<b>3,260,841</b>	<b>2.5</b>	<b>206,647</b>	<b>0.2</b>	<b>14,332,535</b>	<b>11.1</b>	<b>39,033</b>	<b>0.0</b>	<b>9,674,375</b>	<b>7.5</b>	<b>3,398,508</b>	<b>2.6</b>	<b>5,629,001</b>	<b>4.3</b>	<b>129,644,478</b>

**SELECTED MINING COMMODITIES  
2004 - 2023**

**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	%	
<b>2004</b>	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
<b>2005</b>	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
<b>2006</b>	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
<b>2007</b>	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
<b>2008</b>	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
<b>2009</b>	2,852,049	19.4	1,406,990	9.6	6,251,224	42.5	62,556	0.4	70,217	0.5	423,888	2.9	2,939,181	20.0	688,291	4.7	14,694,396
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	4,557,243	28.3	1,334,955	8.3	6,264,484	39.0	79,487	0.5	160,277	1.0	437,461	2.7	2,585,462	16.1	656,115	4.1	16,075,484
<b>2013</b>	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
<b>2014</b>	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
<b>2015</b>	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>2016</b>	2,248,123	21.5	1,117,006	10.7	3,449,032	33.0	62,058	0.6	135,512	1.3	305,298	2.9	2,461,649	23.6	669,768	6.4	10,448,446
<b>2017</b>	2,250,002	15.2	1,566,395	10.6	6,340,015	43.0	71,988	0.5	126,407	0.9	360,885	2.4	3,259,665	22.1	781,922	5.3	14,757,279
<b>2018</b>	2,544,993	18.4	1,264,467	9.2	5,602,918	40.6	73,878	0.5	130,053	0.9	465,007	3.4	2,882,017	20.9	852,946	6.2	13,816,279
<b>2019</b>	2,391,464	18.3	1,451,255	11.1	5,140,104	39.3	54,166	0.4	103,929	0.8	366,246	2.8	2,602,907	19.9	961,721	7.4	13,071,792
<b>2020</b>	2,438,993	20.3	1,161,778	9.7	4,426,208	36.8	60,574	0.5	127,300	1.1	177,893	1.5	2,841,354	23.6	789,536	6.6	12,023,636
<b>2021</b>	2,115,932	16.3	1,430,866	11.0	5,134,085	39.6	27,430	0.2	154,406	1.2	293,488	2.3	2,676,692	20.6	1,130,723	8.7	12,963,622
<b>2022</b>	1,770,540	14.6	1,490,516	12.3	3,922,589	32.4	8,415	0.1	75,311	0.6	120,924	1.0	3,011,189	24.9	1,690,823	14.0	12,090,307
<b>2023</b>	2,017,661	15.5	1,418,273	10.9	4,407,406	33.8	10,429	0.1	133,307	1.0	153,434	1.2	2,907,171	22.3	2,002,174	15.3	13,049,855
<b>TOTAL</b>	<b>62,180,818</b>	<b>21.0</b>	<b>30,022,499</b>	<b>10.1</b>	<b>119,036,808</b>	<b>40.2</b>	<b>1,630,328</b>	<b>0.6</b>	<b>2,718,701</b>	<b>0.9</b>	<b>9,914,795</b>	<b>3.3</b>	<b>54,228,045</b>	<b>18.3</b>	<b>16,477,140</b>	<b>5.6</b>	<b>296,209,134</b>

**SELECTED PROCESSED COMMODITIES  
2004 - 2023**

**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	%
<b>2004</b>	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
<b>2005</b>	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
<b>2006</b>	381,603	4.4	776,324	8.9	467,652	5.4	15,283	0.2	233,129	2.7	3,099,721	35.6	1,064,495	12.2	317,236	3.6	2,348,796	27.0
<b>2007</b>	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
<b>2008</b>	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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	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	2,316,145	36.5
<b>2013</b>	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
<b>2014</b>	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
<b>2015</b>	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>2016</b>	695,922	11.8	646,222	10.9	155,686	2.6	-	-	44,378	0.8	1,462,948	24.8	830,791	14.1	38,252	0.6	2,034,336	34.4
<b>2017</b>	535,072	7.8	1,012,968	14.7	162,570	2.4	-	-	164,721	2.4	2,068,629	30.0	785,391	11.4	43,884	0.6	2,129,584	30.9
<b>2018</b>	275,959	4.0	1,606,931	23.4	188,732	2.7	-	-	211,851	3.1	1,708,614	24.9	836,167	12.2	27,661	0.4	2,012,282	29.3
<b>2019</b>	851,654	12.6	1,358,773	20.1	159,042	2.4	-	-	159,010	2.4	994,620	14.7	923,694	13.7	28,218	0.4	2,285,967	33.8
<b>2020</b>	461,996	7.9	1,065,688	18.3	206,979	3.6	-	-	159,258	2.7	902,570	15.5	801,273	13.8	53,387	0.9	2,166,167	37.2
<b>2021</b>	414,783	6.5	1,115,288	17.4	243,662	3.8	-	-	41,507	0.6	1,606,640	25.1	815,989	12.8	27,231	0.4	2,133,804	33.3
<b>2022</b>	682,931	10.8	1,196,760	18.9	213,815	3.4	103	0.0	99,684	1.6	1,331,339	21.0	815,499	12.9	52,460	0.8	1,948,912	30.7
<b>2023</b>	498,395	7.9	1,527,609	24.2	200,413	3.2	-	-	62,131	1.0	1,210,938	19.2	979,622	15.5	25,983	0.4	1,812,279	28.7
<b>TOTAL</b>	<b>8,717,001</b>	<b>6.6</b>	<b>19,962,117</b>	<b>15.2</b>	<b>5,281,224</b>	<b>4.0</b>	<b>113,104</b>	<b>0.1</b>	<b>2,976,696</b>	<b>2.3</b>	<b>31,095,876</b>	<b>23.6</b>	<b>17,955,771</b>	<b>13.6</b>	<b>2,477,316</b>	<b>1.9</b>	<b>43,153,606</b>	<b>32.8</b>

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



## NOTES