

The St. Lawrence Seaway

2019 Traffic Report



THE ST. LAWRENCE SEAWAY TRAFFIC REPORT 2019 NAVIGATION SEASON

PREPARED BY
THE ST. LAWRENCE SEAWAY MANAGEMENT CORPORATION
AND THE
SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

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

EDITORIAL NOTES

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

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

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

- Part I** - Table summaries of the 2019 St. Lawrence Seaway traffic activities.
- Part II** - Table summaries of cargo and vessel movements through the St. Lawrence Seaway. These tables represent total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.
- Part III** - Table summaries of cargo and vessel movements through the Montreal - Lake Ontario Section of the St. Lawrence Seaway.
- Part IV** - Table summaries of cargo and vessel movements through the Welland Canal Section of the St. Lawrence Seaway.

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

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

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

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

The use of the Harmonized Commodity Coding system was introduced in 2019 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

AND

2019 TRAFFIC SUMMARIES

DEFINITIONS

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

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

Bulk Cargo	<i>The tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls</i>
Cargo Tonnes	<i>The tonnes of cargo carried by a vessel on each or any transit.</i>
Coal Cargo	<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>
Combined Traffic	<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>
Commodity	<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>
Container Cargo	<i>The tonnes of cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
Destination	<i>The country/port in which the cargo was unloaded.</i>
General Cargo	<i>The tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
Government Aid Cargo	<i>The tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
Grain Cargo	<i>The tonnes of cargo assessed at the Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
Gross Registered Tonnage	<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>

Mixed Cargo	<i>Indicates that a vessel carried a combination of Bulk, Coal, Grain, Government Aid, Containers, General or Steel Slab cargoes.</i>
Origin	<i>The country/port in which the cargo was loaded.</i>
Passenger	<i>Prior to 2003, in Table S1, the Gross Registered Tonnage for the Passenger Vessels was included in the Non-Cargo Vessels.</i>
Steel Slab Cargo	<i>The tonnes of cargo assessed at the Steel Slab rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.</i>
Transit	<i>A partial or complete upbound or downbound passage of a ship through one or more locks of a Seaway Canal.</i>
Tug and Barge Combination	<i>Prior to 1999, the assessment of tolls required tugs and barges in common transits be considered as one unit. From 1999 onwards, the tug and the barge are each considered to be a separate transit, and the number of transits shown under "Barge" are strictly barge transits. Tug transits are now included in the non-cargo category.</i>

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

**TRAFFIC SUMMARY
2019**

TABLE S1

TRAFFIC AND REVENUE	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance 2018%	Tonnes and Transits	% of Total	Variance 2018%	Tonnes and Transits	% of Total	Variance 2018%
Cargo Tonnes by Toll Classification:									
Bulk (1)	23,660,310	61.7	2.5	16,989,625	58.5	4.5	16,392,708	57.4	0.1
Coal	2,391,464	6.2	- 6.0	98,060	0.3	- 64.2	2,391,464	8.4	- 6.0
Grains	10,471,588	27.3	- 14.8	10,121,415	34.8	- 14.9	8,721,461	30.5	- 7.5
Government Aid	-	-	-	-	-	-	-	-	-
Containers	93,680	0.2	48.1	93,680	0.3	48.1	9,540	0.0	10.8
General Cargo	1,579,277	4.1	- 30.5	1,579,277	5.4	- 30.5	983,060	3.4	- 31.8
Steel Slabs	178,739	0.5	- 76.2	178,739	0.6	- 76.2	79,051	0.3	- 74.6
Total Cargo Tonnes	38,375,058	100.0	- 6.4	29,060,796	100.0	- 7.8	28,577,284	100.0	- 5.1
Gross Registered Tonnage:									
Cargo Vessels	53,096,424	98.8	- 0.9	38,396,635	98.9	- 2.6	43,676,925	98.8	1.8
Non-Cargo Vessels	289,532	0.5	- 3.3	182,284	0.5	2.2	260,402	0.6	- 0.7
Passengers	363,836	0.7	59.1	229,502	0.6	85.8	285,810	0.6	38.2
Total Gross Registered Tonnage	53,749,792	100.0	- 0.7	38,808,421	100.0	- 2.3	44,223,137	100.0	2.0
Vessel Transits:									
Loaded Cargo Vessels	2,361	57.1	- 2.9	1,862	64.1	- 3.4	1,660	52.1	- 0.9
Ballast Cargo Vessels	1,184	28.6	2.5	720	24.8	3.0	1,091	34.2	9.3
Non-Cargo Vessels	591	14.3	- 26.4	325	11.2	- 33.9	435	13.7	- 8.2
Total Vessel Transits	4,136	100.0	- 5.8	2,907	100.0	- 6.8	3,186	100.0	1.2
Additional Information:	Number			Number			Number		
Passengers (Number)	12,052	-	34.0	7,327	-	58.0	7,748	-	22.1
Pleasure Craft Lockages	10,693	-	1.8	7,389	-	10.3	3,304	-	- 13.2
REVENUE (2)	Revenue	% of Total	Variance 2018%	Revenue	% of Total	Variance 2018%	Revenue	% of Total	Variance 2018%
Traffic Revenue (\$) by Toll Classification	\$			\$			\$		
Bulk (1)	30,622,542	41.4	4.0	18,195,461	53.0	5.8	12,427,081	31.4	1.6
Coal	1,928,991	2.6	- 9.5	61,258	0.2	- 62.4	1,867,733	4.7	- 5.1
Grains	13,910,462	18.8	- 10.5	7,110,071	20.7	- 13.7	6,800,392	17.2	- 6.8
Government Aid	-	-	-	-	-	-	-	-	-
Containers	75,408	0.1	60.5	69,486	0.2	66.7	5,922	0.0	11.9
General Cargo	5,431,769	7.3	- 30.8	4,226,461	12.3	- 30.6	1,205,308	3.0	- 31.3
Steel Slabs	516,750	0.7	- 75.7	446,007	1.3	- 75.9	70,743	0.2	- 74.3
Gross Registered Tonnage	11,919,188	16.1	1.2	4,180,415	12.2	- 0.7	7,738,773	19.6	2.3
Passengers	163,062	0.2	36.5	57,420	0.2	72.7	105,642	0.3	22.6
Lockage Fees	9,337,910	12.6	2.9	-	-	-	9,337,910	23.6	2.9
Total Tolls - Current Shipping Season	73,906,084	100.0	- 5.4	34,346,579	100.0	- 9.2	39,559,504	100.0	- 1.7

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

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

**COMMODITY SUMMARY
2019**

TABLE S2

SUMMARY OF MAJOR COMMODITIES	ST. LAWRENCE SEAWAY			MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance 2018%	Tonnes	% of Total	Variance 2018%	Tonnes	% of Total	Variance 2018%
Agricultural Products:									
Wheat	6,167,275	16.1	- 0.2	5,986,924	20.6	- 0.3	6,001,723	21.0	0.9
Corn	684,399	1.8	- 61.1	672,847	2.3	- 61.7	73,076	0.3	- 87.5
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	- 100.0	-	-	- 100.0	-	-	- 100.0
Barley	-	-	-	-	-	-	-	-	-
Soybeans	1,981,613	5.2	- 36.0	1,956,616	6.7	- 35.3	1,009,467	3.5	- 38.2
Flaxseed	33,958	0.1	- 30.1	33,958	0.1	- 30.1	33,958	0.1	- 30.1
Canola (Rapeseed)	1,262,985	3.3	80.7	1,129,712	3.9	107.9	1,262,985	4.4	80.7
Other Grains	341,358	0.9	- 30.0	341,358	1.2	- 30.0	340,252	1.2	- 30.0
<i>Total Grains</i>	10,471,588	27.3	- 14.8	10,121,415	34.8	- 14.9	8,721,461	30.5	- 7.5
Other Agricultural Products	-	-	-	-	-	-	-	-	-
Total Agricultural Products	10,471,588	27.3	- 14.8	10,121,415	34.8	- 14.9	8,721,461	30.5	- 7.5
Mine Products:									
Iron Ore	6,910,169	18.0	- 7.4	5,149,164	17.7	- 7.0	5,140,104	18.0	- 8.3
Coal	2,391,464	6.2	- 6.0	98,060	0.3	- 64.2	2,391,464	8.4	- 6.0
Coke	1,461,008	3.8	9.1	996,125	3.4	7.4	1,451,255	5.1	14.8
Stone, Ground, Crushed, or Rough	421,521	1.1	- 22.6	55,275	0.2	- 45.0	366,246	1.3	- 21.2
Salt	3,853,173	10.0	10.7	2,231,591	7.7	27.4	2,602,907	9.1	- 9.7
Other Mine Products	1,766,129	4.6	7.3	1,504,551	5.2	9.6	1,119,816	3.9	6.0
Total Mine Products	16,803,464	43.8	- 1.3	10,034,766	34.5	0.7	13,071,792	45.7	- 5.4
Processed Products:									
Iron and Steel	1,478,618	3.9	- 33.6	1,477,858	5.1	- 33.6	915,569	3.2	- 34.5
Steel Slabs	178,739	0.5	- 76.4	178,739	0.6	- 76.4	79,051	0.3	- 74.6
Petroleum Products	3,380,022	8.8	5.3	3,300,183	11.4	4.9	2,377,383	8.3	14.8
Chemicals	831,509	2.2	- 0.9	784,118	2.7	- 0.3	159,042	0.6	- 9.2
Other Processed Products	5,191,380	13.5	11.5	3,123,979	10.7	14.6	3,229,933	11.3	10.8
Total Processed Products	11,060,268	28.8	- 5.4	8,864,877	30.5	- 8.1	6,760,978	23.7	- 1.6
Miscellaneous Cargo:									
Forest Products	33,607	0.1	1,401.7	33,607	0.1	1,401.7	23,053	0.1	930.1
Animal Products	6,131	0.0	25.8	6,131	0.0	25.8	-	-	-
Total Miscellaneous Cargo	39,738	0.1	458.9	39,738	0.1	458.9	23,053	0.1	930.1
GRAND TOTAL	38,375,058	100.0	-6.4	29,060,796	100.0	-7.8	28,577,284	100.0	-5.1

**ACTUAL OPENING AND CLOSING DATES OF NAVIGATION
2000 - 2019**

TABLE S3

YEAR	MONTREAL - LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Opening	Closing	Days of Navigation	Opening	Closing	Days of Navigation
2000	March 27	December 26	275	March 27	December 25	274
2001	March 23	December 24	277	March 23	December 24	277
2002	March 26	December 26	276	March 26	December 25	275
2003	March 31	December 28	273	March 26	December 30	280
2004	March 25	December 30	281	March 23	December 31	284
2005	March 25	December 29	280	March 23	December 30	283
2006	March 23	December 30	283	March 21	December 30	285
2007	March 21	December 28	283	March 20	December 29	285
2008	March 22	December 29	283	March 20	December 30	286
2009	March 31	December 29	274	March 31	December 30	275
2010	March 25	December 29	280	March 25	December 30	281
2011	March 22	December 30	284	March 22	December 30	284
2012	March 22	December 29	283	March 22	December 31	285
2013	March 22	January 1	286	March 22	January 1	286
2014	March 31	January 1	277	March 28	December 31	279
2015	April 2	December 30	273	April 2	December 31	274
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

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
2019**

ST. LAWRENCE SEAWAY

TABLE C1

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	%	
UPBOUND:														
Ocean:	Cargo	356	27	383	6,340,606	2,805,331	-	8,500	-	30,790	1,565,208	178,739	4,588,568	12.0
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	114	9	123	1,321,098	1,203,875	-	-	-	-	-	-	1,203,875	3.1
	Total Ocean	470	36	506	7,661,704	4,009,206	-	8,500	-	30,790	1,565,208	178,739	5,792,443	15.1
Laker:	Cargo	321	515	836	15,575,358	6,046,451	-	15,000	-	13,321	-	-	6,074,772	15.8
	Barge	89	81	170	1,104,906	847,005	-	-	-	-	-	-	847,005	2.2
	Tanker	170	44	214	2,327,483	1,721,422	-	-	-	-	-	-	1,721,422	4.5
	Total Laker	580	640	1,220	19,007,747	8,614,878	-	15,000	-	13,321	-	-	8,643,199	22.5
Non-Cargo		-	296	296	138,213	-	-	-	-	-	-	-	-	-
Passenger		53	2	55	182,713	-	-	-	-	-	-	-	-	-
Total Upbound		1,103	974	2,077	26,990,377	12,624,084	-	23,500	-	44,111	1,565,208	178,739	14,435,642	37.6
DOWNBOUND:														
Ocean:	Cargo	277	105	382	6,272,726	336,721	-	4,560,937	-	5,634	6,102	-	4,909,394	12.8
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	57	62	119	1,279,479	523,877	-	-	-	-	-	-	523,877	1.4
	Total Ocean	334	167	501	7,552,205	860,598	-	4,560,937	-	5,634	6,102	-	5,433,271	14.2
Laker:	Cargo	713	114	827	15,401,274	8,886,436	2,391,464	5,821,471	-	43,935	7,967	-	17,151,273	44.7
	Barge	90	76	166	1,114,450	661,632	-	65,680	-	-	-	-	727,312	1.9
	Tanker	70	147	217	2,359,044	627,560	-	-	-	-	-	-	627,560	1.6
	Total Laker	873	337	1,210	18,874,768	10,175,628	2,391,464	5,887,151	-	43,935	7,967	-	18,506,145	48.2
Non-Cargo		-	295	295	151,319	-	-	-	-	-	-	-	-	-
Passenger		51	2	53	181,123	-	-	-	-	-	-	-	-	-
Total Downbound		1,258	801	2,059	26,759,415	11,036,226	2,391,464	10,448,088	-	49,569	14,069	-	23,939,416	62.4
TOTALS:														
Ocean:	Cargo	633	132	765	12,613,332	3,142,052	-	4,569,437	-	36,424	1,571,310	178,739	9,497,962	24.8
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	171	71	242	2,600,577	1,727,752	-	-	-	-	-	-	1,727,752	4.5
	Total Ocean	804	203	1,007	15,213,909	4,869,804	-	4,569,437	-	36,424	1,571,310	178,739	11,225,714	29.3
Laker:	Cargo	1,034	629	1,663	30,976,632	14,932,887	2,391,464	5,836,471	-	57,256	7,967	-	23,226,045	60.5
	Barge	179	157	336	2,219,356	1,508,637	-	65,680	-	-	-	-	1,574,317	4.1
	Tanker	240	191	431	4,686,527	2,348,982	-	-	-	-	-	-	2,348,982	6.1
	Total Laker	1,453	977	2,430	37,882,515	18,790,506	2,391,464	5,902,151	-	57,256	7,967	-	27,149,344	70.7
Non-Cargo		-	591	591	289,532	-	-	-	-	-	-	-	-	-
Passenger		104	4	108	363,836	-	-	-	-	-	-	-	-	-
GRAND TOTAL		2,361	1,775	4,136	53,749,792	23,660,310	2,391,464	10,471,588	-	93,680	1,579,277	178,739	38,375,058	100.0

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

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
2019**

TABLE C2

ST. LAWRENCE SEAWAY

COMMODITY	CARGO TONNES								% of Total
	Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	
Wheat	-	-	6,167,275	-	-	-	-	6,167,275	16.1
Corn	-	-	684,399	-	-	-	-	684,399	1.8
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	1,262,985	-	-	-	-	1,262,985	3.3
Canola Meal, Pellets	-	-	73,210	-	-	-	-	73,210	0.2
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,981,613	-	-	-	-	1,981,613	5.2
Soybean Oil Cake, Meal, Pellets	-	-	114,949	-	-	-	-	114,949	0.3
Beans and Peas	-	-	20,927	-	-	-	-	20,927	0.1
Flaxseed	-	-	33,958	-	-	-	-	33,958	0.1
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	132,272	-	-	-	-	132,272	0.3
Total Agricultural Products	-	-	10,471,588	-	-	-	-	10,471,588	27.3
Packing House Products, Edible	6,131	-	-	-	-	-	-	6,131	0.0
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
Total Animal Products	6,131	-	-	-	-	-	-	6,131	0.0
Bituminous Coal	-	2,391,464	-	-	-	-	-	2,391,464	6.2
Coke	1,461,008	-	-	-	-	-	-	1,461,008	3.8
Iron Ore	6,910,169	-	-	-	-	-	-	6,910,169	18.0
Aluminum Ore and Concentrates	199,590	-	-	-	-	-	-	199,590	0.5
Clay and Bentonite	54,166	-	-	-	-	-	-	54,166	0.1
Gravel and Sand	103,929	-	-	-	-	-	-	103,929	0.3
Stone	421,521	-	-	-	-	-	-	421,521	1.1
Salt	3,853,173	-	-	-	-	-	-	3,853,173	10.0
Potash	315,234	-	-	-	-	-	-	315,234	0.8
Gypsum	647,347	-	-	-	-	-	-	647,347	1.7
Asphalt	283,952	-	-	-	-	-	-	283,952	0.7
Other Mine Products	160,630	-	-	-	1,281	-	-	161,911	0.4
Total Mine Products	14,410,719	2,391,464	-	-	1,281	-	-	16,803,464	43.8
Lumber	15,152	-	-	-	245	-	-	15,397	0.0
Other Forest Products	18,035	-	-	-	175	-	-	18,210	0.0
Total Forest Products	33,187	-	-	-	420	-	-	33,607	0.1
Gasoline	1,388,205	-	-	-	-	-	-	1,388,205	3.6
Fuel Oil	1,783,652	-	-	-	-	-	-	1,783,652	4.6
Other Petroleum Products	208,165	-	-	-	-	-	-	208,165	0.5
Chemicals	825,547	-	-	-	5,962	-	-	831,509	2.2
Sodium Products	26,583	-	-	-	-	-	-	26,583	0.1
Tar, Pitch and Creosote	95,479	-	-	-	-	-	-	95,479	0.2
Pig Iron	159,010	-	-	-	-	-	-	159,010	0.4
Iron and Steel	1,272	-	-	-	858	1,476,488	-	1,478,618	3.9
Steel Slabs	-	-	-	-	-	-	178,739	178,739	0.5
Machinery and Machines	6,011	-	-	-	22,068	35,268	-	63,347	0.2
Cement	1,354,773	-	-	-	-	-	-	1,354,773	3.5
Cement Clinkers	583,075	-	-	-	-	-	-	583,075	1.5
Woodpulp	12,500	-	-	-	-	-	-	12,500	0.0
Newsprint and Paper Products	-	-	-	-	421	20	-	441	0.0
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	641,461	-	-	-	-	-	-	641,461	1.7
Food Products	-	-	-	-	58	-	-	58	0.0
Furnace Slags	985,671	-	-	-	-	-	-	985,671	2.6
Scrap Iron and Steel	46,737	-	-	-	-	-	-	46,737	0.1
Other Manufactures and Misc. (2)	1,092,132	-	-	-	62,612	67,501	-	1,222,245	3.2
Total Manufactures and Misc.	9,210,273	-	-	-	91,979	1,579,277	178,739	11,060,268	28.8
GRAND TOTAL	23,660,310	2,391,464	10,471,588	-	93,680	1,579,277	178,739	38,375,058	100.0

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

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2019**

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	15,000	-	-	-	-	-	15,000	0.1		
2	Corn	-	-	-	-	-	-	-	-		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	-	-	-		
5	Barley	-	-	-	-	-	-	-	-		
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	-	-	-	-		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	-	8,500	8,500	0.1		
15	Total Agricultural Products	15,000	-	-	-	-	8,500	23,500	0.2		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	Total Animal Products	-	-	-	-	-	-	-	-		
20	Bituminous Coal	-	-	-	-	-	-	-	-		
21	Coke	-	16,360	-	-	-	46,290	62,650	0.4		
22	Iron Ore	1,768,315	610,006	-	-	-	-	2,378,321	16.5		
23	Aluminum Ore and Concentrates	-	117,482	-	-	40,381	41,727	199,590	1.4		
24	Clay and Bentonite	-	-	-	-	-	19,000	19,000	0.1		
25	Gravel and Sand	-	-	-	-	-	-	-	-		
26	Stone	53,171	184,125	-	-	2,104	-	239,400	1.7		
27	Salt	555,105	472,813	-	-	675,508	228,054	1,931,480	13.4		
28	Potash	-	-	-	-	3,300	11,000	14,300	0.1		
29	Gypsum	550,220	77,687	-	-	19,440	-	647,347	4.5		
30	Asphalt	-	39,729	-	-	-	-	39,729	0.3		
31	Other Mine Products	14,409	8,217	17,140	-	37,162	83,702	160,630	1.1		
32	Total Mine Products	2,941,220	1,526,419	17,140	-	777,895	429,773	5,692,447	39.4		
33	Lumber	-	-	-	-	39	15,358	15,397	0.1		
34	Other Forest Products	-	-	-	-	-	4,795	4,795	0.0		
35	Total Forest Products	-	-	-	-	39	20,153	20,192	0.1		
36	Gasoline	837,889	7,030	156,624	-	185,499	-	1,187,042	8.2		
37	Fuel Oil	796,264	64,752	-	-	120,569	-	981,585	6.8		
38	Other Petroleum Products	19,896	-	-	-	54,763	-	74,659	0.5		
39	Chemicals	-	-	62,719	-	522,460	29,758	614,937	4.3		
40	Sodium Products	-	-	-	-	26,583	-	26,583	0.2		
41	Tar, Pitch and Creosote	-	-	-	-	52,372	-	52,372	0.4		
42	Pig Iron	-	26,850	-	-	-	132,160	159,010	1.1		
43	Iron and Steel	1,112	-	-	-	701,781	767,837	1,470,730	10.2		
44	Steel Slabs	-	-	-	-	178,739	-	178,739	1.2		
45	Machinery and Machines	-	5,684	230	-	38,938	13,362	58,214	0.4		
46	Cement	383,156	831,588	-	-	-	92,106	1,306,850	9.1		
47	Cement Clinkers	-	583,075	-	-	-	-	583,075	4.0		
48	Woodpulp	-	-	-	-	-	12,500	12,500	0.1		
49	Newsprint and Paper Products	-	-	-	-	104	337	441	0.0		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	156,013	-	-	-	467,048	18,400	641,461	4.4		
52	Food Products	-	-	-	-	-	58	58	0.0		
53	Furnace Slags	-	193,763	9,390	-	22,573	109,876	335,602	2.3		
54	Scrap Iron and Steel	-	28,218	-	-	-	-	28,218	0.2		
55	Other Manufactures and Misc. (1)	163,233	304,440	126,785	531	297,987	94,451	987,427	6.8		
56	Total Manufactures and Misc.	2,357,563	2,045,400	355,748	531	2,669,416	1,270,845	8,699,503	60.3		
57	GRAND TOTAL	5,313,783	3,571,819	372,888	531	3,447,350	1,729,271	14,435,642	100.0		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2019**

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					
3,966,966	-	1,071,994	104,689	-	1,008,626	6,152,275	25.7	6,167,275	16.1	1
24,807	-	648,040	11,552	-	-	684,399	2.9	684,399	1.8	2
-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	5
585,041	-	664,705	-	-	13,239	1,262,985	5.3	1,262,985	3.3	6
51,903	-	21,307	-	-	-	73,210	0.3	73,210	0.2	7
-	-	-	-	-	-	-	-	-	-	8
990,332	-	559,741	123,410	-	308,130	1,981,613	8.3	1,981,613	5.2	9
28,451	-	86,498	-	-	-	114,949	0.5	114,949	0.3	10
-	-	20,927	-	-	-	20,927	0.1	20,927	0.1	11
-	-	33,958	-	-	-	33,958	0.1	33,958	0.1	12
-	-	-	-	-	-	-	-	-	-	13
-	-	22,442	-	-	101,330	123,772	0.5	132,272	0.3	14
5,647,500	-	3,129,612	239,651	-	1,431,325	10,448,088	43.6	10,471,588	27.3	15
-	6,131	-	-	-	-	6,131	0.0	6,131	0.0	16
-	-	-	-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	-	-	-	18
-	6,131	-	-	-	-	6,131	0.0	6,131	0.0	19
-	-	-	2,391,464	-	-	2,391,464	10.0	2,391,464	6.2	20
589,904	-	21,522	786,932	-	-	1,398,358	5.8	1,461,008	3.8	21
-	-	-	4,531,848	-	-	4,531,848	18.9	6,910,169	18.0	22
-	-	-	-	-	-	-	-	199,590	0.5	23
-	-	-	-	-	35,166	35,166	0.1	54,166	0.1	24
-	-	-	103,929	-	-	103,929	0.4	103,929	0.3	25
182,121	-	-	-	-	-	182,121	0.8	421,521	1.1	26
1,399,633	32,248	-	489,812	-	-	1,921,693	8.0	3,853,173	10.0	27
52,420	8,769	239,745	-	-	-	300,934	1.3	315,234	0.8	28
-	-	-	-	-	-	-	-	647,347	1.7	29
92,645	-	-	151,578	-	-	244,223	1.0	283,952	0.7	30
-	-	1,281	-	-	-	1,281	0.0	161,911	0.4	31
2,316,723	41,017	262,548	8,455,563	-	35,166	11,111,017	46.4	16,803,464	43.8	32
-	-	-	-	-	-	-	-	15,397	0.0	33
-	-	2,900	-	-	10,515	13,415	0.1	18,210	0.0	34
-	-	2,900	-	-	10,515	13,415	0.1	33,607	0.1	35
91,017	-	110,146	-	-	-	201,163	0.8	1,388,205	3.6	36
673,283	5,919	90,052	32,813	-	-	802,067	3.4	1,783,652	4.6	37
5,045	9,285	119,176	-	-	-	133,506	0.6	208,165	0.5	38
38,518	42,932	66,117	69,005	-	-	216,572	0.9	831,509	2.2	39
-	-	-	-	-	-	-	-	26,583	0.1	40
-	-	43,107	-	-	-	43,107	0.2	95,479	0.2	41
-	-	-	-	-	-	-	-	159,010	0.4	42
160	-	-	-	-	7,728	7,888	0.0	1,478,618	3.9	43
-	-	-	-	-	-	-	-	178,739	0.5	44
-	-	1,131	476	-	3,526	5,133	0.0	63,347	0.2	45
47,923	-	-	-	-	-	47,923	0.2	1,354,773	3.5	46
-	-	-	-	-	-	-	-	583,075	1.5	47
-	-	-	-	-	-	-	-	12,500	0.0	48
-	-	-	-	-	-	-	-	441	0.0	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	641,461	1.7	51
-	-	-	-	-	-	-	-	58	0.0	52
497,182	-	-	152,887	-	-	650,069	2.7	985,671	2.6	53
-	-	18,519	-	-	-	18,519	0.1	46,737	0.1	54
130,464	-	18,595	83,197	-	2,562	234,818	1.0	1,222,245	3.2	55
1,483,592	58,136	466,843	338,378	-	13,816	2,360,765	9.9	11,060,268	28.8	56
9,447,815	105,284	3,861,903	9,033,592	-	1,490,822	23,939,416	100.0	38,375,058	100.0	57

**TRAFFIC BY MAJOR 25 CANADIAN PORTS
2019**

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	%
INBOUND:										
Hamilton	527	5,366,878	2,000,527	337,130	-	-	227,145	99,688	8,031,368	16.1
Quebec	156	2,788,344	-	805,723	-	-	-	-	3,594,067	7.2
Montreal	92	338,395	-	1,298,397	-	-	-	-	1,636,792	3.3
Toronto	106	1,507,778	-	-	-	285	45,282	-	1,553,345	3.1
Port Cartier	72	183,576	-	1,362,688	-	-	-	-	1,546,264	3.1
Sorel/Tracy	93	474,187	-	593,037	-	-	-	-	1,067,224	2.1
Clarkson/Mississauga	78	921,411	127,812	-	-	-	-	-	1,049,223	2.1
Cote Ste. Catherine	100	975,655	27,306	-	-	1,793	19,132	-	1,023,886	2.1
Baie Comeau	38	-	-	962,591	-	-	-	-	962,591	1.9
Sarnia	97	901,286	-	-	-	-	3,864	-	905,150	1.8
Johnstown	55	581,723	-	11,552	-	20,131	26,401	-	639,807	1.3
Oakville	61	631,711	-	-	-	-	-	-	631,711	1.3
Oshawa	82	355,203	-	-	-	-	218,292	-	573,495	1.1
Bowmanville	23	409,095	135,841	-	-	-	-	-	544,936	1.1
Nanticoke	48	445,808	-	-	-	-	-	-	445,808	0.9
Valleyfield	171	391,020	-	-	-	13,442	41,061	-	445,523	0.9
Trois Rivieres	19	71,727	28,015	257,075	-	-	-	-	356,817	0.7
Sydney	13	351,117	-	-	-	-	-	-	351,117	0.7
Picton	15	209,418	29,224	-	-	-	15,548	-	254,190	0.5
Thorold	18	245,888	-	-	-	-	3,177	-	249,065	0.5
Becancour	8	52,914	-	158,981	-	-	-	-	211,895	0.4
Sept Iles	10	181,659	-	-	-	-	-	-	181,659	0.4
Bath	11	172,033	-	-	-	-	-	-	172,033	0.3
Sault Ste. Marie	9	-	-	-	-	-	90,368	79,051	169,419	0.3
Morrisburg	8	165,514	-	-	-	-	-	-	165,514	0.3
Other Canada	200	580,595	42,739	114,977	-	44,617	69,601	-	852,529	1.7
Total Inbound	2,110	18,302,935	2,391,464	5,902,151	-	80,268	759,871	178,739	27,615,428	55.3
OUTBOUND:										
Thunder Bay	370	820,312	-	6,426,466	-	-	-	-	7,246,778	14.5
Port Cartier	64	1,851,543	-	-	-	-	-	-	1,851,543	3.7
Hamilton	112	244,399	-	1,533,243	-	-	-	-	1,777,642	3.6
Quebec	70	1,503,343	-	-	-	-	-	-	1,503,343	3.0
Montreal	152	1,443,995	-	15,000	-	-	-	-	1,458,995	2.9
Bowmanville	94	1,100,292	-	-	-	-	-	-	1,100,292	2.2
Sarnia	99	726,174	-	317,835	-	-	-	-	1,044,009	2.1
Windsor	58	790,003	-	189,910	-	-	-	-	979,913	2.0
Nanticoke	55	777,131	-	-	-	-	-	-	777,131	1.6
Goderich	44	663,602	-	62,580	-	-	-	-	726,182	1.5
Trois Rivieres	16	384,735	-	-	-	-	-	-	384,735	0.8
Port Daniel	50	383,156	-	-	-	-	-	-	383,156	0.8
Sept Iles	46	306,145	-	-	-	-	-	-	306,145	0.6
Sorel/Tracy	26	244,321	-	-	-	-	-	-	244,321	0.5
Ramey's Bend	15	184,125	-	59,550	-	7	-	-	243,682	0.5
Bath	40	239,129	-	-	-	-	-	-	239,129	0.5
Valleyfield	76	160,261	-	-	-	37,714	1,087	-	199,062	0.4
Johnstown	13	-	-	187,528	-	-	-	-	187,528	0.4
Bruce Mines	10	182,121	-	-	-	-	-	-	182,121	0.4
Sault Ste. Marie	9	154,488	-	-	-	-	-	-	154,488	0.3
Clarkson/Mississauga	29	144,626	-	-	-	-	-	-	144,626	0.3
L'Anse St. Jean/Grosse Isle	4	106,480	-	-	-	-	-	-	106,480	0.2
Halifax	5	104,387	-	-	-	-	149	-	104,536	0.2
Magdalen Islands	4	103,731	-	-	-	-	-	-	103,731	0.2
Stephenville	7	96,224	-	-	-	-	-	-	96,224	0.2
Other Canada	177	730,277	-	-	-	24,096	439	-	754,812	1.5
Total Outbound	1,645	13,445,000	-	8,792,112	-	61,817	1,675	-	22,300,604	44.7

(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
2019**

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	%
INBOUND:										
Detroit	114	925,037	-	-	-	-	104,626	-	1,029,663	6.3
Cleveland	284	694,814	-	-	-	7,643	256,215	-	958,672	5.9
Burns Harbour	112	653,054	-	-	-	12	156,207	-	809,273	5.0
Toledo	86	762,810	-	8,500	-	123	6,015	-	777,448	4.8
Chicago	98	157,011	-	-	-	-	131,477	-	288,488	1.8
Ashtabula	23	284,866	-	-	-	-	-	-	284,866	1.7
Milwaukee	60	54,733	-	-	-	-	135,633	-	190,366	1.2
East Chicago/Indiana Harbour	5	140,572	-	-	-	-	-	-	140,572	0.9
Charlevoix	7	139,078	-	-	-	-	-	-	139,078	0.9
Conneaut	6	138,659	-	-	-	-	-	-	138,659	0.9
Duluth	30	120,971	-	-	-	-	8,995	-	129,966	0.8
Oswego	18	99,485	-	-	-	-	-	-	99,485	0.6
Buffalo	15	81,851	-	-	-	-	-	-	81,851	0.5
Ogdensburg	7	51,901	-	-	-	-	2,030	-	53,931	0.3
Green Bay	4	46,046	-	-	-	-	-	-	46,046	0.3
Erie	5	43,367	-	-	-	-	-	-	43,367	0.3
Port Huron	2	38,519	-	-	-	-	-	-	38,519	0.2
Tampa	2	25,760	-	-	-	-	-	-	25,760	0.2
Manitowoc	3	25,554	-	-	-	-	-	-	25,554	0.2
Monroe	3	18,648	-	-	-	-	-	-	18,648	0.1
Lorain	1	16,360	-	-	-	-	-	-	16,360	0.1
Savannah	1	13,172	-	-	-	-	-	-	13,172	0.1
Marinette	2	11,819	-	-	-	-	-	-	11,819	0.1
New York	1	9,285	-	-	-	-	-	-	9,285	0.1
Cheboygan	1	7,030	-	-	-	-	-	-	7,030	0.0
Other U.S. Ports	18	24,888	-	-	-	-	4,139	-	29,027	0.2
Total Inbound	908	4,585,290	-	8,500	-	7,778	805,337	-	5,406,905	33.2
OUTBOUND:										
Two Harbours	86	2,387,203	-	-	-	-	-	-	2,387,203	14.6
Toledo	77	278,922	927,463	459,381	-	460	2,844	-	1,669,070	10.2
Duluth	79	582,101	-	885,474	-	-	-	-	1,467,575	9.0
Superior	56	1,228,157	-	192,669	-	-	-	-	1,420,826	8.7
Sandusky	49	-	1,359,345	-	-	-	-	-	1,359,345	8.3
Detroit	52	396,698	-	-	-	-	-	-	396,698	2.4
Cleveland	29	352,282	-	-	-	613	-	-	352,895	2.2
Silver Bay	8	240,693	-	-	-	-	-	-	240,693	1.5
Ashtabula	9	181,439	-	-	-	-	-	-	181,439	1.1
Fairport Harbour	7	146,603	-	-	-	-	-	-	146,603	0.9
East Chicago/Indiana Harbour	5	127,734	-	-	-	-	-	-	127,734	0.8
Milwaukee	10	22,408	-	83,096	-	-	-	-	105,504	0.6
Buffalo	5	-	104,656	-	-	-	-	-	104,656	0.6
New York	9	101,050	-	-	-	-	-	-	101,050	0.6
Brevort	4	91,952	-	-	-	-	-	-	91,952	0.6
Tampa	6	87,908	-	-	-	-	-	-	87,908	0.5
Burns Harbour	3	86,648	-	-	-	-	-	-	86,648	0.5
Gary	3	82,742	-	-	-	-	-	-	82,742	0.5
Ludington	9	69,005	-	-	-	-	-	-	69,005	0.4
Green Bay	11	61,265	-	-	-	-	-	-	61,265	0.4
Lorain	3	58,229	-	-	-	-	-	-	58,229	0.4
Donaldsonville	4	52,820	-	-	-	-	-	-	52,820	0.3
Carteret	4	44,764	-	-	-	-	-	-	44,764	0.3
Chicago	3	11,143	-	21,000	-	-	7,728	-	39,871	0.2
Oswego	2	-	-	29,356	-	-	-	-	29,356	0.2
Other U.S. Ports	17	129,581	-	-	-	-	2,401	-	131,982	0.8
Total Outbound	550	6,821,347	2,391,464	1,670,976	-	1,073	12,973	-	10,897,833	66.8

(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
2000 - 2019**

TABLE C6

ST. LAWRENCE SEAWAY

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
2000	2,106	2,079	4,185	22,612,033	23,961,411	46,573,444	23,309,675	22,954,852	46,264,527
2001	2,057	2,028	4,085	19,234,141	22,471,184	41,705,325	21,927,563	21,626,296	43,553,859
2002	1,949	1,942	3,891	20,374,620	21,013,630	41,388,250	21,504,691	21,304,198	42,808,889
2003	1,948	1,938	3,886	19,829,065	21,018,744	40,847,809	20,609,519	20,372,407	40,981,926
2004	2,506	1,584	4,090	20,782,503	22,699,067	43,481,570	21,477,380	21,428,094	42,905,474
2005	2,172	2,189	4,361	20,345,001	22,956,145	43,301,146	21,532,816	21,470,054	43,002,870
2006	2,317	2,296	4,613	22,386,679	24,777,481	47,164,160	23,261,882	23,026,783	46,288,665
2007	2,220	2,230	4,450	17,795,395	25,214,796	43,010,191	22,620,354	22,494,172	45,114,526
2008	2,114	2,118	4,232	15,812,767	24,985,325	40,798,092	21,793,611	21,735,721	43,529,332
2009	1,830	1,801	3,631	8,833,663	21,874,333	30,707,996	18,594,575	18,426,700	37,021,275
2010	1,952	1,973	3,925	13,095,330	23,452,037	36,547,367	21,042,606	20,909,857	41,952,463
2011	2,121	2,106	4,227	13,740,741	23,798,869	37,539,610	22,494,822	22,262,047	44,756,869
2012	2,047	2,036	4,083	14,424,943	24,630,523	39,055,466	23,210,732	22,953,151	46,163,883
2013	1,950	1,950	3,900	11,946,988	25,107,681	37,054,669	22,640,639	22,502,914	45,143,553
2014	1,980	1,957	3,937	13,842,660	26,044,382	39,887,042	24,748,282	24,324,218	49,072,500
2015	1,903	1,878	3,781	14,326,354	21,923,218	36,249,572	22,435,191	22,068,722	44,503,913
2016	1,895	1,879	3,774	12,527,411	22,482,548	35,009,959	22,696,584	22,457,012	45,153,596
2017	2,066	2,061	4,127	12,252,998	26,026,760	38,279,758	25,632,598	25,449,379	51,081,977
2018	2,208	2,181	4,389	14,784,295	26,226,761	41,011,056	27,176,118	26,943,200	54,119,318
2019	2,077	2,059	4,136	14,435,642	23,939,416	38,375,058	26,990,377	26,759,415	53,749,792
TOTAL	41,418	40,285	81,703	323,383,229	474,604,311	797,987,540	455,700,015	451,469,192	907,169,207

**CARGO BY TARIFF CLASSIFICATION
2000 - 2019**

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
2000	23,933,895	51.4	4 345 503	9.3	13,199,859	28.3	9,655	0.0	19,521	0.0	4,703,411	10.1	361 600	0.8	46,573,444
2001	22,087,887	53.0	4 803 620	11.5	11,792,163	28.3	-	-	16,471	0.0	2,621,102	6.3	384 082	0.9	41,705,325
2002	22,615,138	54.6	4 114 092	9.9	10,461,094	25.3	25,834	0.1	14,721	0.0	3,019,259	7.3	1 138 112	2.7	41,388,250
2003	24,436,923	59.8	4,196,191	10.3	9,645,630	23.6	7,826	0.0	15,208	0.0	2,118,663	5.2	427,368	1.0	40,847,809
2004	25,661,995	59.0	4,230,079	9.7	9,322,479	21.4	-	-	14,983	0.0	3,708,282	8.5	543,752	1.3	43,481,570
2005	26,558,285	61.3	3,693,199	8.5	9,773,084	22.6	-	-	17,285	0.0	2,632,002	6.1	627,291	1.4	43,301,146
2006	27,336,704	58.0	3,714,491	7.9	11,538,123	24.5	11,064	0.0	19,358	0.0	3,646,846	7.7	897,574	1.9	47,164,160
2007	27,016,397	62.8	3,159,070	7.3	10,405,868	24.2	-	-	23,377	0.1	1,988,841	4.6	416,638	1.0	43,010,191
2008	27,625,491	67.7	3,638,907	8.9	7,592,107	18.6	-	-	27,266	0.1	1,851,389	4.5	62,932	0.2	40,798,092
2009	18,718,941	61.0	2,852,049	9.3	8,181,113	26.6	-	-	45,351	0.1	849,280	2.8	61,262	0.2	30,707,996
2010	22,063,968	60.4	3,695,900	10.1	9,206,753	25.2	-	-	38,015	0.1	1,463,210	4.0	79,521	0.2	36,547,367
2011	23,657,035	63.0	3,739,848	10.0	8,613,271	22.9	-	-	36,702	0.1	1,410,756	3.8	81,998	0.2	37,539,610
2012	24,067,976	61.6	4,595,715	11.8	8,619,112	22.1	-	-	34,122	0.1	1,578,012	4.0	160,529	0.4	39,055,466
2013	22,825,891	61.6	4,453,956	12.0	8,373,966	22.6	-	-	36,653	0.1	1,343,061	3.6	21,142	0.1	37,054,669
2014	20,629,092	51.7	4,204,227	10.5	12,100,960	30.3	-	-	44,073	0.1	2,554,080	6.4	354,610	0.9	39,887,042
2015	20,460,152	56.4	2,497,029	6.9	10,858,549	30.0	-	-	69,797	0.2	2,161,175	6.0	202,870	0.6	36,249,572
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
TOTAL	468,392,887	58.7	71,368,458	8.9	203,892,915	25.6	54,379	0.0	747,413	0.1	46,068,310	5.8	7,463,178	0.9	797,987,540

(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
2019**

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	%
UPBOUND:														
Ocean:	Cargo	355	21	376	6,220,875	2,791,036	-	8,500	-	30,790	1,565,208	178,739	4,574,273	15.7
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	114	7	121	1,297,076	1,203,875	-	-	-	-	-	-	1,203,875	4.1
	Total Ocean	469	28	497	7,517,951	3,994,911	-	8,500	-	30,790	1,565,208	178,739	5,778,148	19.9
Laker:	Cargo	244	228	472	9,017,008	4,961,157	-	15,000	-	13,321	-	-	4,989,478	17.2
	Barge	28	54	82	459,295	191,936	-	-	-	-	-	-	191,936	0.7
	Tanker	170	35	205	2,219,018	1,721,422	-	-	-	-	-	-	1,721,422	5.9
	Total Laker	442	317	759	11,695,321	6,874,515	-	15,000	-	13,321	-	-	6,902,836	23.8
Non-Cargo		-	165	165	86,188	-	-	-	-	-	-	-	-	-
Passenger		36	2	38	114,751	-	-	-	-	-	-	-	-	-
	Total Upbound	947	512	1,459	19,414,211	10,869,426	-	23,500	-	44,111	1,565,208	178,739	12,680,984	43.6
DOWNBOUND:														
Ocean:	Cargo	277	102	379	6,249,819	336,721	-	4,560,937	-	5,634	6,102	-	4,909,394	16.9
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	57	61	118	1,266,703	523,877	-	-	-	-	-	-	523,877	1.8
	Total Ocean	334	163	497	7,516,522	860,598	-	4,560,937	-	5,634	6,102	-	5,433,271	18.7
Laker:	Cargo	419	50	469	8,963,367	4,278,802	98,060	5,471,298	-	43,935	7,967	-	9,900,062	34.1
	Barge	63	13	76	452,895	433,078	-	65,680	-	-	-	-	498,758	1.7
	Tanker	61	147	208	2,250,579	547,721	-	-	-	-	-	-	547,721	1.9
	Total Laker	543	210	753	11,666,841	5,259,601	98,060	5,536,978	-	43,935	7,967	-	10,946,541	37.7
Non-Cargo		-	160	160	96,096	-	-	-	-	-	-	-	-	-
Passenger		38	-	38	114,751	-	-	-	-	-	-	-	-	-
	Total Downbound	915	533	1,448	19,394,210	6,120,199	98,060	10,097,915	-	49,569	14,069	-	16,379,812	56.4
TOTALS:														
Ocean:	Cargo	632	123	755	12,470,694	3,127,757	-	4,569,437	-	36,424	1,571,310	178,739	9,483,667	32.6
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	171	68	239	2,563,779	1,727,752	-	-	-	-	-	-	1,727,752	5.9
	Total Ocean	803	191	994	15,034,473	4,855,509	-	4,569,437	-	36,424	1,571,310	178,739	11,211,419	38.6
Laker:	Cargo	663	278	941	17,980,375	9,239,959	98,060	5,486,298	-	57,256	7,967	-	14,889,540	51.2
	Barge	91	67	158	912,190	625,014	-	65,680	-	-	-	-	690,694	2.4
	Tanker	231	182	413	4,469,597	2,269,143	-	-	-	-	-	-	2,269,143	7.8
	Total Laker	985	527	1,512	23,362,162	12,134,116	98,060	5,551,978	-	57,256	7,967	-	17,849,377	61.4
Non-Cargo		-	325	325	182,284	-	-	-	-	-	-	-	-	-
Passenger		74	2	76	229,502	-	-	-	-	-	-	-	-	-
GRAND TOTAL		1,862	1,045	2,907	38,808,421	16,989,625	98,060	10,121,415	-	93,680	1,579,277	178,739	29,060,796	100.0

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

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
2019**

TABLE M2

MONTREAL-LAKE ONTARIO SECTION

COMMODITY	CARGO TONNES								% of Total
	Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs	Total	
Wheat	-	-	5,986,924	-	-	-	-	5,986,924	20.6
Corn	-	-	672,847	-	-	-	-	672,847	2.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	1,129,712	-	-	-	-	1,129,712	3.9
Canola Meal, Pellets	-	-	73,210	-	-	-	-	73,210	0.3
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,956,616	-	-	-	-	1,956,616	6.7
Soybean Oil Cake, Meal, Pellets	-	-	114,949	-	-	-	-	114,949	0.4
Beans and Peas	-	-	20,927	-	-	-	-	20,927	0.1
Flaxseed	-	-	33,958	-	-	-	-	33,958	0.1
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	132,272	-	-	-	-	132,272	0.5
Total Agricultural Products	-	-	10,121,415	-	-	-	-	10,121,415	34.8
Packing House Products, Edible	6,131	-	-	-	-	-	-	6,131	0.0
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
Total Animal Products	6,131	-	-	-	-	-	-	6,131	0.0
Bituminous Coal	-	98,060	-	-	-	-	-	98,060	0.3
Coke	996,125	-	-	-	-	-	-	996,125	3.4
Iron Ore	5,149,164	-	-	-	-	-	-	5,149,164	17.7
Aluminum Ore and Concentrates	199,590	-	-	-	-	-	-	199,590	0.7
Clay and Bentonite	54,166	-	-	-	-	-	-	54,166	0.2
Gravel and Sand	2,904	-	-	-	-	-	-	2,904	0.0
Stone	55,275	-	-	-	-	-	-	55,275	0.2
Salt	2,231,591	-	-	-	-	-	-	2,231,591	7.7
Potash	270,450	-	-	-	-	-	-	270,450	0.9
Gypsum	647,347	-	-	-	-	-	-	647,347	2.2
Asphalt	168,183	-	-	-	-	-	-	168,183	0.6
Other Mine Products	160,630	-	-	-	1,281	-	-	161,911	0.6
Total Mine Products	9,935,425	98,060	-	-	1,281	-	-	10,034,766	34.5
Lumber	15,152	-	-	-	245	-	-	15,397	0.1
Other Forest Products	18,035	-	-	-	175	-	-	18,210	0.1
Total Forest Products	33,187	-	-	-	420	-	-	33,607	0.1
Gasoline	1,342,430	-	-	-	-	-	-	1,342,430	4.6
Fuel Oil	1,749,588	-	-	-	-	-	-	1,749,588	6.0
Other Petroleum Products	208,165	-	-	-	-	-	-	208,165	0.7
Chemicals	778,156	-	-	-	5,962	-	-	784,118	2.7
Sodium Products	26,583	-	-	-	-	-	-	26,583	0.1
Tar, Pitch and Creosote	95,479	-	-	-	-	-	-	95,479	0.3
Pig Iron	159,010	-	-	-	-	-	-	159,010	0.5
Iron and Steel	512	-	-	-	858	1,476,488	-	1,477,858	5.1
Steel Slabs	-	-	-	-	-	-	178,739	178,739	0.6
Machinery and Machines	6,011	-	-	-	22,068	35,268	-	63,347	0.2
Cement	523,185	-	-	-	-	-	-	523,185	1.8
Cement Clinkers	-	-	-	-	-	-	-	-	-
Woodpulp	12,500	-	-	-	-	-	-	12,500	0.0
Newsprint and Paper Products	-	-	-	-	421	20	-	441	0.0
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	641,461	-	-	-	-	-	-	641,461	2.2
Food Products	-	-	-	-	58	-	-	58	0.0
Furnace Slags	361,151	-	-	-	-	-	-	361,151	1.2
Scrap Iron and Steel	18,519	-	-	-	-	-	-	18,519	0.1
Other Manufactures and Misc. (2)	1,092,132	-	-	-	62,612	67,501	-	1,222,245	4.2
Total Manufactures and Misc.	7,014,882	-	-	-	91,979	1,579,277	178,739	8,864,877	30.5
GRAND TOTAL	16,989,625	98,060	10,121,415	-	93,680	1,579,277	178,739	29,060,796	100.0

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

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2019**

TABLE M3 - Part A

MONTREAL-LAKE ONTARIO SECTION

NO.	COMMODITY	from: to:		UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP- BOUND
				CANADA		UNITED STATES		FOREIGN			
				Canada	United States	Canada	United States	Canada	United States		
1	Wheat	15,000	-	-	-	-	-	-	15,000	0.1	
2	Corn	-	-	-	-	-	-	-	-	-	
3	Rye	-	-	-	-	-	-	-	-	-	
4	Oats	-	-	-	-	-	-	-	-	-	
5	Barley	-	-	-	-	-	-	-	-	-	
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-	-	
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-	-	
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-	
9	Soybeans	-	-	-	-	-	-	-	-	-	
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-	-	
11	Beans and Peas	-	-	-	-	-	-	-	-	-	
12	Flaxseed	-	-	-	-	-	-	-	-	-	
13	Sunflower Seeds	-	-	-	-	-	-	-	-	-	
14	Other Agricultural Products	-	-	-	-	-	8,500	8,500	8,500	0.1	
15	Total Agricultural Products	15,000	-	-	-	-	8,500	23,500	23,500	0.2	
16	Packing House Products, Edible	-	-	-	-	-	-	-	-	-	
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-	
18	Other Animal Products	-	-	-	-	-	-	-	-	-	
19	Total Animal Products	-	-	-	-	-	-	-	-	-	
20	Bituminous Coal	-	-	-	-	-	-	-	-	-	
21	Coke	-	-	-	-	-	46,290	46,290	46,290	0.4	
22	Iron Ore	1,768,315	610,006	-	-	-	-	2,378,321	2,378,321	18.8	
23	Aluminum Ore and Concentrates	-	117,482	-	-	40,381	41,727	199,590	199,590	1.6	
24	Clay and Bentonite	-	-	-	-	-	19,000	19,000	19,000	0.1	
25	Gravel and Sand	-	-	-	-	-	-	-	-	-	
26	Stone	53,171	-	-	-	2,104	-	55,275	55,275	0.4	
27	Salt	555,105	472,813	-	-	675,508	228,054	1,931,480	1,931,480	15.2	
28	Potash	-	-	-	-	3,300	11,000	14,300	14,300	0.1	
29	Gypsum	550,220	77,687	-	-	19,440	-	647,347	647,347	5.1	
30	Asphalt	-	39,729	-	-	-	-	39,729	39,729	0.3	
31	Other Mine Products	14,409	8,217	17,140	-	37,162	83,702	160,630	160,630	1.3	
32	Total Mine Products	2,941,220	1,325,934	17,140	-	777,895	429,773	5,491,962	5,491,962	43.3	
33	Lumber	-	-	-	-	39	15,358	15,397	15,397	0.1	
34	Other Forest Products	-	-	-	-	-	4,795	4,795	4,795	0.0	
35	Total Forest Products	-	-	-	-	39	20,153	20,192	20,192	0.2	
36	Gasoline	837,889	7,030	156,624	-	185,499	-	1,187,042	1,187,042	9.4	
37	Fuel Oil	796,264	64,752	-	-	120,569	-	981,585	981,585	7.7	
38	Other Petroleum Products	19,896	-	-	-	54,763	-	74,659	74,659	0.6	
39	Chemicals	-	-	62,719	-	522,460	29,758	614,937	614,937	4.8	
40	Sodium Products	-	-	-	-	26,583	-	26,583	26,583	0.2	
41	Tar, Pitch and Creosote	-	-	-	-	52,372	-	52,372	52,372	0.4	
42	Pig Iron	-	26,850	-	-	-	132,160	159,010	159,010	1.3	
43	Iron and Steel	512	-	-	-	701,781	767,837	1,470,130	1,470,130	11.6	
44	Steel Slabs	-	-	-	-	178,739	-	178,739	178,739	1.4	
45	Machinery and Machines	-	5,684	230	-	38,938	13,362	58,214	58,214	0.5	
46	Cement	383,156	-	-	-	-	92,106	475,262	475,262	3.7	
47	Cement Clinkers	-	-	-	-	-	-	-	-	-	
48	Woodpulp	-	-	-	-	-	12,500	12,500	12,500	0.1	
49	Newsprint and Paper Products	-	-	-	-	104	337	441	441	0.0	
50	Syrup and Molasses	-	-	-	-	-	-	-	-	-	
51	Sugar	156,013	-	-	-	467,048	18,400	641,461	641,461	5.1	
52	Food Products	-	-	-	-	-	58	58	58	0.0	
53	Furnace Slags	-	83,071	9,390	-	22,573	109,876	224,910	224,910	1.8	
54	Scrap Iron and Steel	-	-	-	-	-	-	-	-	-	
55	Other Manufactures and Misc. (1)	163,233	304,440	126,785	531	297,987	94,451	987,427	987,427	7.8	
56	Total Manufactures and Misc.	2,356,963	491,827	355,748	531	2,669,416	1,270,845	7,145,330	7,145,330	56.3	
57	GRAND TOTAL	5,313,183	1,817,761	372,888	531	3,447,350	1,729,271	12,680,984	12,680,984	100.0	

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2019**

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					
3,786,615	-	1,071,994	104,689	-	1,008,626	5,971,924	36.5	5,986,924	20.6	1
24,807	-	648,040	-	-	-	672,847	4.1	672,847	2.3	2
-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	5
451,768	-	664,705	-	-	13,239	1,129,712	6.9	1,129,712	3.9	6
51,903	-	21,307	-	-	-	73,210	0.4	73,210	0.3	7
-	-	-	-	-	-	-	-	-	-	8
990,332	-	559,741	98,413	-	308,130	1,956,616	11.9	1,956,616	6.7	9
28,451	-	86,498	-	-	-	114,949	0.7	114,949	0.4	10
-	-	20,927	-	-	-	20,927	0.1	20,927	0.1	11
-	-	33,958	-	-	-	33,958	0.2	33,958	0.1	12
-	-	-	-	-	-	-	-	-	-	13
-	-	22,442	-	-	101,330	123,772	0.8	132,272	0.5	14
5,333,876	-	3,129,612	203,102	-	1,431,325	10,097,915	61.6	10,121,415	34.8	15
-	6,131	-	-	-	-	6,131	0.0	6,131	0.0	16
-	-	-	-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	-	-	-	18
-	6,131	-	-	-	-	6,131	0.0	6,131	0.0	19
-	-	-	98,060	-	-	98,060	0.6	98,060	0.3	20
516,253	-	21,522	412,060	-	-	949,835	5.8	996,125	3.4	21
-	-	-	2,770,843	-	-	2,770,843	16.9	5,149,164	17.7	22
-	-	-	-	-	-	-	-	199,590	0.7	23
-	-	-	-	-	35,166	35,166	0.2	54,166	0.2	24
-	-	-	2,904	-	-	2,904	0.0	2,904	0.0	25
-	-	-	-	-	-	-	-	55,275	0.2	26
282,887	-	-	17,224	-	-	300,111	1.8	2,231,591	7.7	27
16,405	-	239,745	-	-	-	256,150	1.6	270,450	0.9	28
-	-	-	-	-	-	-	-	647,347	2.2	29
43,773	-	-	84,681	-	-	128,454	0.8	168,183	0.6	30
-	-	1,281	-	-	-	1,281	0.0	161,911	0.6	31
859,318	-	262,548	3,385,772	-	35,166	4,542,804	27.7	10,034,766	34.5	32
-	-	-	-	-	-	-	-	15,397	0.1	33
-	-	2,900	-	-	10,515	13,415	0.1	18,210	0.1	34
-	-	2,900	-	-	10,515	13,415	0.1	33,607	0.1	35
45,242	-	110,146	-	-	-	155,388	0.9	1,342,430	4.6	36
639,219	5,919	90,052	32,813	-	-	768,003	4.7	1,749,588	6.0	37
5,045	9,285	119,176	-	-	-	133,506	0.8	208,165	0.7	38
21,897	42,932	66,117	38,235	-	-	169,181	1.0	784,118	2.7	39
-	-	-	-	-	-	-	-	26,583	0.1	40
-	-	43,107	-	-	-	43,107	0.3	95,479	0.3	41
-	-	-	-	-	-	-	-	159,010	0.5	42
-	-	-	-	-	7,728	7,728	0.0	1,477,858	5.1	43
-	-	-	-	-	-	-	-	178,739	0.6	44
-	-	1,131	476	-	3,526	5,133	0.0	63,347	0.2	45
47,923	-	-	-	-	-	47,923	0.3	523,185	1.8	46
-	-	-	-	-	-	-	-	-	-	47
-	-	-	-	-	-	-	-	12,500	0.0	48
-	-	-	-	-	-	-	-	441	0.0	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	641,461	2.2	51
-	-	-	-	-	-	-	-	58	0.0	52
136,241	-	-	-	-	-	136,241	0.8	361,151	1.2	53
-	-	18,519	-	-	-	18,519	0.1	18,519	0.1	54
130,464	-	18,595	83,197	-	2,562	234,818	1.4	1,222,245	4.2	55
1,026,031	58,136	466,843	154,721	-	13,816	1,719,547	10.5	8,864,877	30.5	56
7,219,225	64,267	3,861,903	3,743,595	-	1,490,822	16,379,812	100.0	29,060,796	100.0	57

TRAFFIC BY MONTH AND TYPE OF CARGO

2019

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	%
UPBOUND:													
March	7	6	13	211,152	72,477	-	-	-	-	11,985	-	84,462	0.3
April	98	50	148	1,956,507	1,041,734	-	15,000	-	1,238	199,708	-	1,257,680	4.3
May	115	52	167	2,196,975	1,403,537	-	-	-	193	201,968	18,099	1,623,797	5.6
June	100	64	164	2,052,078	1,144,011	-	-	-	1,851	174,710	41,433	1,362,005	4.7
July	96	50	146	1,927,745	1,117,385	-	-	-	2,886	158,929	19,101	1,298,301	4.5
August	104	68	172	2,228,693	1,043,670	-	-	-	4,430	204,649	20,556	1,273,305	4.4
September	121	57	178	2,294,717	1,326,279	-	-	-	7,108	109,418	20,581	1,463,386	5.0
October	123	60	183	2,483,384	1,396,491	-	8,500	-	23,096	180,260	40,265	1,648,612	5.7
November	111	57	168	2,444,522	1,369,709	-	-	-	2,757	228,686	-	1,601,152	5.5
December	72	48	120	1,618,438	954,133	-	-	-	552	94,895	18,704	1,068,284	3.7
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Upbound	947	512	1,459	19,414,211	10,869,426	-	23,500	-	44,111	1,565,208	178,739	12,680,984	43.6
DOWNBOUND:													
March	2	4	6	23,209	14,914	-	-	-	-	-	-	14,914	0.1
April	69	46	115	1,533,402	600,247	-	810,057	-	77	-	-	1,410,381	4.9
May	108	60	168	2,264,457	594,208	-	1,417,412	-	552	-	-	2,012,172	6.9
June	98	70	168	2,209,399	650,206	11,352	1,098,887	-	4,113	-	-	1,764,558	6.1
July	105	43	148	1,940,605	852,964	-	891,365	-	8,695	-	-	1,753,024	6.0
August	111	52	163	2,129,945	982,210	-	843,034	-	11,696	1,089	-	1,838,029	6.3
September	107	68	175	2,226,025	776,253	10,458	974,750	-	17,544	-	-	1,779,005	6.1
October	112	82	194	2,568,043	772,881	11,392	1,221,698	-	4,308	2,171	-	2,012,450	6.9
November	100	61	161	2,255,309	446,884	64,858	1,397,787	-	1,745	-	-	1,911,274	6.6
December	103	47	150	2,243,816	429,432	-	1,442,925	-	839	10,809	-	1,884,005	6.5
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Downbound	915	533	1,448	19,394,210	6,120,199	98,060	10,097,915	-	49,569	14,069	-	16,379,812	56.4
TOTALS:													
March	9	10	19	234,361	87,391	-	-	-	-	11,985	-	99,376	0.3
April	167	96	263	3,489,909	1,641,981	-	825,057	-	1,315	199,708	-	2,668,061	9.2
May	223	112	335	4,461,432	1,997,745	-	1,417,412	-	745	201,968	18,099	3,635,969	12.5
June	198	134	332	4,261,477	1,794,217	11,352	1,098,887	-	5,964	174,710	41,433	3,126,563	10.8
July	201	93	294	3,868,350	1,970,349	-	891,365	-	11,581	158,929	19,101	3,051,325	10.5
August	215	120	335	4,358,638	2,025,880	-	843,034	-	16,126	205,738	20,556	3,111,334	10.7
September	228	125	353	4,520,742	2,102,532	10,458	974,750	-	24,652	109,418	20,581	3,242,391	11.2
October	235	142	377	5,051,427	2,169,372	11,392	1,230,198	-	27,404	182,431	40,265	3,661,062	12.6
November	211	118	329	4,699,831	1,816,593	64,858	1,397,787	-	4,502	228,686	-	3,512,426	12.1
December	175	95	270	3,862,254	1,383,565	-	1,442,925	-	1,391	105,704	18,704	2,952,289	10.2
January	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	1,862	1,045	2,907	38,808,421	16,989,625	98,060	10,121,415	-	93,680	1,579,277	178,739	29,060,796	100.0

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

**TRAFFIC RESULTS
2000 - 2019**

TABLE M5

MONTREAL-LAKE ONTARIO SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
2000	1,485	1,492	2,977	19,594,116	16,817,495	36,411,611	18,687,785	18,663,440	37,351,225
2001	1,293	1,295	2,588	19,168,176	16,238,036	35,406,212	17,887,643	17,888,427	35,776,070
2002	1,300	1,312	2,612	15,583,223	14,694,601	30,277,824	15,173,745	15,097,139	30,270,884
2003	1,291	1,288	2,579	16,904,264	13,098,028	30,002,292	15,642,884	15,739,501	31,382,385
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
TOTAL	27,509	27,592	55,101	282,031,790	321,067,521	603,099,311	332,688,502	332,625,089	665,313,591

**CARGO BY TARIFF CLASSIFICATION
2000 - 2019**

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	%	
2000	17,474,021	49.4	334,489	0.9	12,503,515	35.3	9,655	0.0	19,521	0.1	4,703,411	13.3	361,600	1.0	35,406,212
2001	15,687,342	51.8	407,336	1.3	11,161,951	36.9	-	-	16,471	0.1	2,620,642	8.7	384,082	1.3	30,277,824
2002	15,604,029	52.0	336,425	1.1	9,863,912	32.9	25,834	0.1	14,721	0.0	3,019,259	10.1	1,138,112	3.8	30,002,292
2003	16,927,793	58.6	214,728	0.7	9,188,854	31.8	7,826	0.0	15,208	0.1	2,118,663	7.3	427,368	1.5	28,900,440
2004	16,896,034	54.9	639,722	2.1	9,048,588	29.4	-	-	14,983	0.0	3,707,357	12.0	493,696	1.6	30,800,380
2005	17,746,415	56.7	726,720	2.3	9,524,577	30.5	-	-	17,285	0.1	2,631,034	8.4	627,291	2.0	31,273,322
2006	18,975,206	53.3	684,090	1.9	11,338,573	31.9	11,064	0.0	19,358	0.1	3,646,120	10.2	897,574	2.5	35,571,985
2007	19,003,057	59.5	419,737	1.3	10,103,640	31.6	-	-	23,377	0.1	1,988,841	6.2	416,638	1.3	31,955,290
2008	19,129,832	65.2	957,400	3.3	7,324,253	25.0	-	-	27,266	0.1	1,851,389	6.3	62,932	0.2	29,353,072
2009	11,165,408	53.9	736,293	3.6	7,841,312	37.9	-	-	45,351	0.2	849,280	4.1	61,262	0.3	20,698,906
2010	15,363,805	57.1	909,723	3.4	9,064,211	33.7	-	-	38,015	0.1	1,463,210	5.4	79,521	0.3	26,918,485
2011	17,760,733	61.8	1,148,224	4.0	8,283,131	28.8	-	-	36,702	0.1	1,410,756	4.9	81,998	0.3	28,721,544
2012	19,159,043	61.0	2,104,952	6.7	8,351,269	26.6	-	-	34,122	0.1	1,578,012	5.0	160,529	0.5	31,387,927
2013	17,045,945	59.7	1,970,046	6.9	8,144,581	28.5	-	-	36,653	0.1	1,343,061	4.7	21,142	0.1	28,561,428
2014	13,349,516	44.4	2,031,888	6.8	11,737,447	39.0	-	-	44,073	0.1	2,554,080	8.5	354,610	1.2	30,071,614
2015	13,962,552	50.9	587,740	2.1	10,463,155	38.1	-	-	69,797	0.3	2,161,175	7.9	202,870	0.7	27,447,289
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
TOTAL	327,298,738	55.1	15,307,599	2.6	196,852,427	33.2	54,379	0.0	747,413	0.1	46,065,231	7.8	7,413,122	1.2	593,738,909

(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
2000 - 2019**

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
2000	19,168,176	1,145	340	1,485	16,238,036	994	498	1,492	35,406,212	2,139	838	2,977
2001	15,583,223	971	322	1,293	14,694,601	896	399	1,295	30,277,824	1,867	721	2,588
2002	16,904,264	1,022	278	1,300	13,098,028	796	516	1,312	30,002,292	1,818	794	2,612
2003	16,436,399	967	324	1,291	12,464,041	768	520	1,288	28,900,440	1,735	844	2,579
2004	17,201,797	1,030	296	1,326	13,598,583	799	558	1,357	30,800,380	1,829	854	2,683
2005	16,753,223	1,004	336	1,340	14,520,099	840	515	1,355	31,273,322	1,844	851	2,695
2006	19,022,669	1,120	352	1,472	16,549,316	936	534	1,470	35,571,985	2,056	886	2,942
2007	14,922,021	943	488	1,431	17,033,269	1,007	440	1,447	31,955,290	1,950	928	2,878
2008	13,571,413	849	498	1,347	15,781,659	924	432	1,356	29,353,072	1,773	930	2,703
2009	7,031,214	486	717	1,203	13,667,692	838	354	1,192	20,698,906	1,324	1,071	2,395
2010	11,274,424	747	606	1,353	15,644,061	930	445	1,375	26,918,485	1,677	1,051	2,728
2011	11,312,761	764	735	1,499	17,408,783	1,006	495	1,501	28,721,544	1,770	1,230	3,000
2012	12,457,633	775	709	1,484	18,930,294	1,066	425	1,491	31,387,927	1,841	1,134	2,975
2013	10,083,102	648	728	1,376	18,478,326	1,036	356	1,392	28,561,428	1,684	1,084	2,768
2014	12,080,289	776	558	1,334	17,991,325	1,000	323	1,323	30,071,614	1,776	881	2,657
2015	12,355,669	823	449	1,272	15,091,620	848	409	1,257	27,447,289	1,671	858	2,529
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
TOTAL	273,237,333	17,474	10,035	27,509	320,501,576	18,485	9,107	27,592	593,738,909	35,959	19,142	55,101

**COMMODITY GROUPS
2000 - 2019**

TABLE M8

MONTREAL-LAKE ONTARIO SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
2000	12,513,041	35.3	38,240	0.1	13,978,179	39.5	7,477	0.0	8,869,275	25.1	35,406,212
2001	11,170,044	36.9	25,452	0.1	12,104,055	40.0	21,183	0.1	6,957,090	23.0	30,277,824
2002	9,889,299	33.0	31,251	0.1	11,933,604	39.8	98,953	0.3	8,049,185	26.8	30,002,292
2003	9,201,438	31.8	31,849	0.1	12,799,316	44.3	70,476	0.2	6,797,361	23.5	28,900,440
2004	9,059,002	29.4	35,157	0.1	13,011,315	42.2	51,986	0.2	8,642,920	28.1	30,800,380
2005	9,533,823	30.5	24,274	0.1	14,011,158	44.8	105,430	0.3	7,598,637	24.3	31,273,322
2006	11,387,097	32.0	25,052	0.1	15,103,420	42.5	49,455	0.1	9,006,961	25.3	35,571,985
2007	10,116,362	31.7	20,714	0.1	14,592,191	45.7	4,908	0.0	7,221,115	22.6	31,955,290
2008	7,330,431	25.0	5,093	0.0	15,590,563	53.1	-	-	6,426,985	21.9	29,353,072
2009	7,857,417	38.0	7,581	0.0	8,587,376	41.5	-	-	4,246,532	20.5	20,698,906
2010	9,070,585	33.7	6,924	0.0	11,977,259	44.5	-	-	5,863,717	21.8	26,918,485
2011	8,303,839	28.9	-	-	13,497,350	47.0	-	-	6,920,355	24.1	28,721,544
2012	8,351,269	26.6	4,565	0.0	16,364,612	52.1	-	-	6,667,481	21.2	31,387,927
2013	8,151,693	28.5	3,508	0.0	13,986,336	49.0	-	-	6,419,891	22.5	28,561,428
2014	11,744,575	39.1	-	-	10,497,096	34.9	-	-	7,829,943	26.0	30,071,614
2015	10,463,531	38.1	-	-	9,940,650	36.2	7,786	0.0	7,035,322	25.6	27,447,289
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
TOTAL	197,052,907	33.2	270,663	0.0	246,663,589	41.5	467,656	0.1	149,284,094	25.1	593,738,909

**U.S. GRAINS
2000 - 2019**

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
2000	2,012,948	35.2	1,548,581	27.1	-	-	-	-	93,785	1.6	1,880,086	32.9	31,084	0.5	152,595	2.7	5,719,079
2001	2,098,403	41.8	1,146,924	22.8	20,959	0.4	-	-	24,960	0.5	1,467,067	29.2	56,728	1.1	205,276	4.1	5,020,317
2002	1,864,851	44.1	717,870	17.0	-	-	-	-	24,451	0.6	1,438,093	34.0	69,736	1.6	112,496	2.7	4,227,497
2003	1,810,637	53.7	559,997	16.6	-	-	-	-	2,213	0.1	819,511	24.3	48,860	1.4	129,489	3.8	3,370,707
2004	1,928,223	54.1	434,362	12.2	-	-	-	-	5,962	0.2	996,703	28.0	31,895	0.9	167,431	4.7	3,564,576
2005	2,090,363	53.9	554,740	14.3	-	-	-	-	37,594	1.0	781,691	20.2	93,076	2.4	319,244	8.2	3,876,708
2006	1,296,785	30.7	1,448,243	34.3	-	-	-	-	-	-	1,188,623	28.1	24,953	0.6	268,925	6.4	4,227,529
2007	2,688,049	64.9	536,941	13.0	-	-	-	-	20,917	0.5	630,121	15.2	51,753	1.2	213,960	5.2	4,141,741
2008	777,776	55.1	118,442	8.4	-	-	21,078	1.5	-	-	300,270	21.3	21,112	1.5	172,442	12.2	1,411,120
2009	967,069	45.9	192,085	9.1	-	-	48,897	2.3	-	-	721,838	34.3	14,754	0.7	162,815	7.7	2,107,458
2010	1,901,201	63.7	115,453	3.9	-	-	39,030	1.3	40,739	1.4	654,418	21.9	46,550	1.6	185,773	6.2	2,983,164
2011	974,408	62.1	56,596	3.6	-	-	21,455	1.4	-	-	391,176	24.9	10,507	0.7	114,703	7.3	1,568,845
2012	479,895	35.0	31,277	2.3	-	-	40,595	3.0	-	-	709,634	51.7	10,593	0.8	99,854	7.3	1,371,848
2013	899,170	52.2	-	-	-	-	-	-	-	-	699,464	40.6	-	-	124,687	7.2	1,723,321
2014	896,043	38.5	220,345	9.5	-	-	42,369	1.8	-	-	1,024,680	44.1	-	-	142,627	6.1	2,326,064
2015	973,207	46.8	288,893	13.9	-	-	46,071	2.2	-	-	641,923	30.9	-	-	127,293	6.1	2,077,387
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
TOTAL	27,354,694	47.0	9,120,730	15.7	20,959	0.0	381,380	0.7	250,621	0.4	17,378,459	29.9	519,601	0.9	3,156,043	5.4	58,182,487

**CANADIAN GRAINS
2000 - 2019**

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
2000	4,511,696	66.5	155,668	2.3	11,679	0.2	274,822	4.1	5,749	0.1	304,019	4.5	458,601	6.8	1,062,202	15.7	6,784,436
2001	4,380,974	71.8	54,660	0.9	9,407	0.2	321,964	5.3	32,908	0.5	231,211	3.8	475,014	7.8	599,723	9.8	6,105,861
2002	3,993,735	71.8	97,757	1.8	32,344	0.6	210,181	3.8	115,963	2.1	391,679	7.0	534,353	9.6	182,779	3.3	5,558,791
2003	4,386,858	75.9	5,399	0.1	42,534	0.7	278,592	4.8	46,615	0.8	339,687	5.9	454,788	7.9	228,150	3.9	5,782,623
2004	4,110,448	75.0	53,343	1.0	-	-	224,145	4.1	-	-	379,630	6.9	350,048	6.4	366,398	6.7	5,484,012
2005	3,764,914	66.7	21,945	0.4	14,961	0.3	414,092	7.3	-	-	474,507	8.4	324,783	5.8	632,667	11.2	5,647,869
2006	5,138,163	72.3	93,303	1.3	58,150	0.8	478,939	6.7	9,409	0.1	395,286	5.6	442,759	6.2	495,035	7.0	7,111,044
2007	4,312,323	72.3	119,310	2.0	4,602	0.1	338,971	5.7	15,952	0.3	469,520	7.9	458,821	7.7	242,400	4.1	5,961,899
2008	4,538,953	76.8	153,456	2.6	-	-	195,157	3.3	1,794	0.0	366,365	6.2	438,258	7.4	214,791	3.6	5,908,774
2009	4,336,904	75.6	51,072	0.9	-	-	276,843	4.8	-	-	709,356	12.4	231,182	4.0	128,497	2.2	5,733,854
2010	3,953,858	65.0	375,499	6.2	2,199	0.0	242,401	4.0	14,615	0.2	1,006,748	16.6	249,718	4.1	236,009	3.9	6,081,047
2011	4,436,564	66.1	322,795	4.8	2,200	0.0	767,262	11.4	1,882	0.0	897,098	13.4	88,925	1.3	197,560	2.9	6,714,286
2012	4,751,830	68.2	64,149	0.9	4,312	0.1	562,860	8.1	-	-	1,291,616	18.5	36,031	0.5	258,243	3.7	6,969,041
2013	4,294,428	67.4	281,923	4.4	2,182	0.0	313,270	4.9	-	-	1,081,022	17.0	113,536	1.8	285,450	4.5	6,371,811
2014	6,315,838	67.5	770,459	8.2	35,153	0.4	690,846	7.4	-	-	1,036,144	11.1	159,719	1.7	342,221	3.7	9,350,380
2015	5,522,639	66.4	270,611	3.3	-	-	711,543	8.6	-	-	1,314,169	15.8	117,975	1.4	374,955	4.5	8,311,892
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
TOTAL	92,160,315	66.7	6,043,572	4.4	248,663	0.2	10,182,642	7.4	244,887	0.2	17,255,461	12.5	5,113,455	3.7	7,011,756	5.1	138,260,751

**SELECTED MINING COMMODITIES
2000 - 2019**

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	%	
2000	334,489	2.4	931,110	6.7	10,167,877	72.7	161,835	1.2	4,072	0.0	359,032	2.6	657,137	4.7	1,362,627	9.7	13,978,179
2001	407,336	3.4	753,722	6.2	8,386,036	69.3	84,269	0.7	12,982	0.1	299,277	2.5	891,450	7.4	1,268,983	10.5	12,104,055
2002	336,425	2.8	847,622	7.1	8,166,897	68.4	110,613	0.9	24,405	0.2	323,541	2.7	853,795	7.2	1,270,306	10.6	11,933,604
2003	214,728	1.7	680,875	5.3	9,259,086	72.3	109,485	0.9	3,050	0.0	272,054	2.1	766,237	6.0	1,493,801	11.7	12,799,316
2004	639,722	4.9	957,071	7.4	8,337,875	64.1	180,934	1.4	6,435	0.0	425,443	3.3	951,337	7.3	1,512,498	11.6	13,011,315
2005	726,720	5.2	964,293	6.9	8,974,766	64.1	128,894	0.9	6,004	0.0	398,169	2.8	1,220,522	8.7	1,591,790	11.4	14,011,158
2006	684,090	4.5	1,460,589	9.7	9,542,869	63.2	177,648	1.2	6,000	0.0	564,975	3.7	1,154,644	7.6	1,512,605	10.0	15,103,420
2007	419,737	2.9	1,040,419	7.1	9,741,873	66.8	147,736	1.0	-	-	664,284	4.6	1,133,846	7.8	1,444,296	9.9	14,592,191
2008	957,400	6.1	2,161,487	13.9	9,148,037	58.7	121,479	0.8	50,335	0.3	449,677	2.9	1,448,098	9.3	1,254,050	8.0	15,590,563
2009	736,293	8.6	1,427,143	16.6	3,871,775	45.1	62,556	0.7	-	-	256,319	3.0	1,308,022	15.2	925,268	10.8	8,587,376
2010	909,723	7.6	1,430,524	11.9	7,203,786	60.1	69,279	0.6	2,000	0.0	277,592	2.3	937,215	7.8	1,147,140	9.6	11,977,259
2011	1,148,224	8.5	1,449,054	10.7	8,212,486	60.8	108,199	0.8	6,069	0.0	228,227	1.7	1,250,759	9.3	1,094,332	8.1	13,497,350
2012	2,104,952	12.9	1,322,609	8.1	10,280,774	62.8	79,487	0.5	-	-	171,944	1.1	1,397,047	8.5	1,007,799	6.2	16,364,612
2013	1,970,046	14.1	1,284,461	9.2	8,751,079	62.6	91,444	0.7	-	-	100,822	0.7	892,241	6.4	896,243	6.4	13,986,336
2014	2,031,888	19.4	1,189,871	11.3	4,932,611	47.0	50,608	0.5	-	-	6,405	0.1	1,554,284	14.8	731,429	7.0	10,497,096
2015	587,740	5.9	895,506	9.0	6,048,504	60.8	43,126	0.4	-	-	358,034	3.6	1,138,939	11.5	868,801	8.7	9,940,650
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
TOTAL	15,307,599	6.2	22,762,462	9.2	153,270,231	62.1	1,989,682	0.8	124,283	0.1	5,545,921	2.2	23,544,095	9.5	24,119,316	9.8	246,663,589

**SELECTED PROCESSED COMMODITIES
2000 - 2019**

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	%
2000	376,158	4.2	674,597	7.6	546,984	6.2	150,169	1.7	212,512	2.4	4,881,723	55.0	30,865	0.3	37,787	0.4	1,958,480	22.1
2001	695,875	10.0	826,001	11.9	502,435	7.2	84,617	1.2	219,545	3.2	2,896,389	41.6	8,810	0.1	-	-	1,723,418	24.8
2002	722,291	9.0	454,928	5.7	557,911	6.9	76,218	0.9	232,784	2.9	4,067,662	50.5	86,187	1.1	55,833	0.7	1,795,371	22.3
2003	602,920	8.9	931,187	13.7	632,152	9.3	73,758	1.1	179,104	2.6	2,494,287	36.7	81,196	1.2	50,196	0.7	1,752,561	25.8
2004	481,748	5.6	1,005,031	11.6	629,566	7.3	47,589	0.6	167,619	1.9	4,101,729	47.5	74,783	0.9	327,634	3.8	1,807,432	20.9
2005	556,725	7.3	895,565	11.8	627,015	8.3	19,181	0.3	229,091	3.0	3,042,941	40.0	75,954	1.0	214,318	2.8	1,937,847	25.5
2006	646,140	7.2	1,005,669	11.2	678,854	7.5	15,283	0.2	238,334	2.6	4,363,220	48.4	52,097	0.6	127,809	1.4	1,879,555	20.9
2007	796,162	11.0	1,165,908	16.1	689,369	9.5	20,936	0.3	259,328	3.6	2,260,338	31.3	103,240	1.4	154,647	2.1	1,771,187	24.5
2008	544,526	8.5	984,683	15.3	429,440	6.7	15,010	0.2	171,444	2.7	1,803,613	28.1	163,884	2.5	141,367	2.2	2,173,018	33.8
2009	418,931	9.9	723,208	17.0	349,964	8.2	-	-	101,916	2.4	865,597	20.4	120,632	2.8	114,782	2.7	1,551,502	36.5
2010	521,413	8.9	706,859	12.1	608,446	10.4	-	-	256,029	4.4	1,433,263	24.4	108,178	1.8	197,103	3.4	2,032,426	34.7
2011	858,828	12.4	1,317,506	19.0	626,884	9.1	-	-	187,453	2.7	1,409,101	20.4	61,218	0.9	181,182	2.6	2,278,183	32.9
2012	496,004	7.4	1,063,030	15.9	793,348	11.9	1,998	0.0	178,685	2.7	1,622,826	24.3	68,300	1.0	134,785	2.0	2,308,505	34.6
2013	418,132	6.5	1,453,446	22.6	719,951	11.2	25,111	0.4	137,812	2.1	1,312,363	20.4	-	-	86,382	1.3	2,266,694	35.3
2014	563,281	7.2	1,162,594	14.8	861,020	11.0	-	-	74,383	0.9	2,854,518	36.5	-	-	101,278	1.3	2,212,869	28.3
2015	674,976	9.6	697,833	9.9	872,284	12.4	4,209	0.1	113,628	1.6	2,259,557	32.1	13,618	0.2	62,499	0.9	2,336,718	33.2
2016	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
2017	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
2018	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
2019	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
TOTAL	13,291,943	8.9	21,216,422	14.2	13,284,290	8.9	587,665	0.4	3,539,627	2.4	51,428,457	34.5	2,039,518	1.4	2,241,979	1.5	41,654,404	27.9

(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
2019**

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	%	
UPBOUND:														
Ocean:	Cargo	198	67	265	4,445,079	1,000,544	-	8,500	-	8,460	970,317	79,051	2,066,872	7.2
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	46	10	56	594,995	448,743	-	-	-	-	-	-	448,743	1.6
	Total Ocean	244	77	321	5,040,074	1,449,287	-	8,500	-	8,460	970,317	79,051	2,515,615	8.8
Laker:	Cargo	154	580	734	14,195,612	2,591,553	-	15,000	-	-	-	-	2,606,553	9.1
	Barge	84	71	155	1,085,345	802,779	-	-	-	-	-	-	802,779	2.8
	Tanker	95	45	140	1,534,193	960,687	-	-	-	-	-	-	960,687	3.4
	Total Laker	333	696	1,029	16,815,150	4,355,019	-	15,000	-	-	-	-	4,370,019	15.3
Non-Cargo		-	217	217	123,495	-	-	-	-	-	-	-	-	-
Passenger		25	2	27	142,905	-	-	-	-	-	-	-	-	-
Total Upbound		602	992	1,594	22,121,624	5,804,306	-	23,500	-	8,460	970,317	79,051	6,885,634	24.1
DOWNBOUND:														
Ocean:	Cargo	207	58	265	4,445,079	299,809	-	3,458,773	-	1,080	5,015	-	3,764,677	13.2
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	27	29	56	594,995	292,661	-	-	-	-	-	-	292,661	1.0
	Total Ocean	234	87	321	5,040,074	592,470	-	3,458,773	-	1,080	5,015	-	4,057,338	14.2
Laker:	Cargo	651	79	730	14,147,476	8,724,647	2,391,464	5,173,508	-	-	7,728	-	16,297,347	57.0
	Barge	86	70	156	1,098,770	659,157	-	65,680	-	-	-	-	724,837	2.5
	Tanker	62	78	140	1,535,381	612,128	-	-	-	-	-	-	612,128	2.1
	Total Laker	799	227	1,026	16,781,627	9,995,932	2,391,464	5,239,188	-	-	7,728	-	17,634,312	61.7
Non-Cargo		-	218	218	136,907	-	-	-	-	-	-	-	-	-
Passenger		25	2	27	142,905	-	-	-	-	-	-	-	-	-
Total Downbound		1,058	534	1,592	22,101,513	10,588,402	2,391,464	8,697,961	-	1,080	12,743	-	21,691,650	75.9
TOTALS:														
Ocean:	Cargo	405	125	530	8,890,158	1,300,353	-	3,467,273	-	9,540	975,332	79,051	5,831,549	20.4
	Barge	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tanker	73	39	112	1,189,990	741,404	-	-	-	-	-	-	741,404	2.6
	Total Ocean	478	164	642	10,080,148	2,041,757	-	3,467,273	-	9,540	975,332	79,051	6,572,953	23.0
Laker:	Cargo	805	659	1,464	28,343,088	11,316,200	2,391,464	5,188,508	-	-	7,728	-	18,903,900	66.2
	Barge	170	141	311	2,184,115	1,461,936	-	65,680	-	-	-	-	1,527,616	5.3
	Tanker	157	123	280	3,069,574	1,572,815	-	-	-	-	-	-	1,572,815	5.5
	Total Laker	1,132	923	2,055	33,596,777	14,350,951	2,391,464	5,254,188	-	-	7,728	-	22,004,331	77.0
Non-Cargo		-	435	435	260,402	-	-	-	-	-	-	-	-	-
Passenger		50	4	54	285,810	-	-	-	-	-	-	-	-	-
GRAND TOTAL		1,660	1,526	3,186	44,223,137	16,392,708	2,391,464	8,721,461	-	9,540	983,060	79,051	28,577,284	100.0

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

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
2019**

TABLE W2

WELLAND CANAL SECTION

COMMODITY	CARGO TONNES							Total	% of Total
	Bulk (1)	Coal	Grains	Govt. Aid	Containers	General Cargo	Steel Slabs		
Wheat	-	-	6,001,723	-	-	-	-	6,001,723	21.0
Corn	-	-	73,076	-	-	-	-	73,076	0.3
Rye	-	-	-	-	-	-	-	-	-
Oats	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Canola (Rapeseed)	-	-	1,262,985	-	-	-	-	1,262,985	4.4
Canola Meal, Pellets	-	-	73,210	-	-	-	-	73,210	0.3
Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-	-
Soybeans	-	-	1,009,467	-	-	-	-	1,009,467	3.5
Soybean Oil Cake, Meal, Pellets	-	-	114,949	-	-	-	-	114,949	0.4
Beans and Peas	-	-	20,927	-	-	-	-	20,927	0.1
Flaxseed	-	-	33,958	-	-	-	-	33,958	0.1
Sunflower Seeds	-	-	-	-	-	-	-	-	-
Other Agricultural Products	-	-	131,166	-	-	-	-	131,166	0.5
Total Agricultural Products	-	-	8,721,461	-	-	-	-	8,721,461	30.5
Packing House Products, Edible	-	-	-	-	-	-	-	-	-
Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-	-
Other Animal Products	-	-	-	-	-	-	-	-	-
Total Animal Products	-	-	-	-	-	-	-	-	-
Bituminous Coal	-	2,391,464	-	-	-	-	-	2,391,464	8.4
Coke	1,451,255	-	-	-	-	-	-	1,451,255	5.1
Iron Ore	5,140,104	-	-	-	-	-	-	5,140,104	18.0
Aluminum Ore and Concentrates	171,145	-	-	-	-	-	-	171,145	0.6
Clay and Bentonite	54,166	-	-	-	-	-	-	54,166	0.2
Gravel and Sand	103,929	-	-	-	-	-	-	103,929	0.4
Stone	366,246	-	-	-	-	-	-	366,246	1.3
Salt	2,602,907	-	-	-	-	-	-	2,602,907	9.1
Potash	311,934	-	-	-	-	-	-	311,934	1.1
Gypsum	102,771	-	-	-	-	-	-	102,771	0.4
Asphalt	283,952	-	-	-	-	-	-	283,952	1.0
Other Mine Products	91,919	-	-	-	-	-	-	91,919	0.3
Total Mine Products	10,680,328	2,391,464	-	-	-	-	-	13,071,792	45.7
Lumber	15,113	-	-	-	245	-	-	15,358	0.1
Other Forest Products	7,520	-	-	-	175	-	-	7,695	0.0
Total Forest Products	22,633	-	-	-	420	-	-	23,053	0.1
Gasoline	851,654	-	-	-	-	-	-	851,654	3.0
Fuel Oil	1,358,773	-	-	-	-	-	-	1,358,773	4.8
Other Petroleum Products	166,956	-	-	-	-	-	-	166,956	0.6
Chemicals	156,550	-	-	-	2,492	-	-	159,042	0.6
Sodium Products	-	-	-	-	-	-	-	-	-
Tar, Pitch and Creosote	22,678	-	-	-	-	-	-	22,678	0.1
Pig Iron	159,010	-	-	-	-	-	-	159,010	0.6
Iron and Steel	760	-	-	-	858	913,951	-	915,569	3.2
Steel Slabs	-	-	-	-	-	-	79,051	79,051	0.3
Machinery and Machines	6,011	-	-	-	2,286	19,641	-	27,938	0.1
Cement	923,694	-	-	-	-	-	-	923,694	3.2
Cement Clinkers	583,075	-	-	-	-	-	-	583,075	2.0
Woodpulp	12,500	-	-	-	-	-	-	12,500	0.0
Newsprint and Paper Products	-	-	-	-	421	20	-	441	0.0
Syrup and Molasses	-	-	-	-	-	-	-	-	-
Sugar	18,400	-	-	-	-	-	-	18,400	0.1
Food Products	-	-	-	-	58	-	-	58	0.0
Furnace Slags	930,311	-	-	-	-	-	-	930,311	3.3
Scrap Iron and Steel	28,218	-	-	-	-	-	-	28,218	0.1
Other Manufactures and Misc. (2)	471,157	-	-	-	3,005	49,448	-	523,610	1.8
Total Manufactures and Misc.	5,689,747	-	-	-	9,120	983,060	79,051	6,760,978	23.7
GRAND TOTAL	16,392,708	2,391,464	8,721,461	-	9,540	983,060	79,051	28,577,284	100.0

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

(2) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2019**

TABLE W3 - Part A

MONTREAL-LAKE ONTARIO SECTION

NO.	COMMODITY	from: to:		UPBOUND TONNES				TOTAL UPBOUND	% OF TOTAL UP- BOUND		
				CANADA		UNITED STATES				FOREIGN	
				Canada	United States	Canada	United States			Canada	United States
1	Wheat	15,000	-	-	-	-	-	15,000	0.2		
2	Corn	-	-	-	-	-	-	-	-		
3	Rye	-	-	-	-	-	-	-	-		
4	Oats	-	-	-	-	-	-	-	-		
5	Barley	-	-	-	-	-	-	-	-		
6	Canola (Rapeseed)	-	-	-	-	-	-	-	-		
7	Canola Meal, Pellets	-	-	-	-	-	-	-	-		
8	Flour, Wheat & Other Edible	-	-	-	-	-	-	-	-		
9	Soybeans	-	-	-	-	-	-	-	-		
10	Soybean Oil Cake, Meal, Pellets	-	-	-	-	-	-	-	-		
11	Beans and Peas	-	-	-	-	-	-	-	-		
12	Flaxseed	-	-	-	-	-	-	-	-		
13	Sunflower Seeds	-	-	-	-	-	-	-	-		
14	Other Agricultural Products	-	-	-	-	-	8,500	8,500	0.1		
15	Total Agricultural Products	15,000	-	-	-	-	8,500	23,500	0.3		
16	Packing House Products, Edible	-	-	-	-	-	-	-	-		
17	Hides, Skins, Pelts, Wool	-	-	-	-	-	-	-	-		
18	Other Animal Products	-	-	-	-	-	-	-	-		
19	Total Animal Products	-	-	-	-	-	-	-	-		
20	Bituminous Coal	-	-	-	-	-	-	-	-		
21	Coke	-	16,360	-	-	-	46,290	62,650	0.9		
22	Iron Ore	-	610,006	-	-	-	-	610,006	8.9		
23	Aluminum Ore and Concentrates	-	117,482	-	-	11,936	41,727	171,145	2.5		
24	Clay and Bentonite	-	-	-	-	-	19,000	19,000	0.3		
25	Gravel and Sand	-	-	-	-	-	-	-	-		
26	Stone	-	184,125	-	-	-	-	184,125	2.7		
27	Salt	-	472,813	-	-	-	208,401	681,214	9.9		
28	Potash	-	-	-	-	-	11,000	11,000	0.2		
29	Gypsum	25,084	77,687	-	-	-	-	102,771	1.5		
30	Asphalt	-	39,729	-	-	-	-	39,729	0.6		
31	Other Mine Products	-	8,217	-	-	-	83,702	91,919	1.3		
32	Total Mine Products	25,084	1,526,419	-	-	11,936	410,120	1,973,559	28.7		
33	Lumber	-	-	-	-	-	15,358	15,358	0.2		
34	Other Forest Products	-	-	-	-	-	4,795	4,795	0.1		
35	Total Forest Products	-	-	-	-	-	20,153	20,153	0.3		
36	Gasoline	401,499	7,030	156,624	-	86,698	-	651,851	9.5		
37	Fuel Oil	558,916	57,189	-	-	23,378	-	639,483	9.3		
38	Other Petroleum Products	-	-	-	-	42,288	-	42,288	0.6		
39	Chemicals	-	-	-	-	16,306	29,758	46,064	0.7		
40	Sodium Products	-	-	-	-	-	-	-	-		
41	Tar, Pitch and Creosote	-	-	-	-	11,189	-	11,189	0.2		
42	Pig Iron	-	26,850	-	-	-	132,160	159,010	2.3		
43	Iron and Steel	600	-	-	-	139,244	767,837	907,681	13.2		
44	Steel Slabs	-	-	-	-	79,051	-	79,051	1.1		
45	Machinery and Machines	-	5,535	-	-	5,949	12,452	23,936	0.3		
46	Cement	-	831,588	-	-	-	92,106	923,694	13.4		
47	Cement Clinkers	-	583,075	-	-	-	-	583,075	8.5		
48	Woodpulp	-	-	-	-	-	12,500	12,500	0.2		
49	Newsprint and Paper Products	-	-	-	-	104	337	441	0.0		
50	Syrup and Molasses	-	-	-	-	-	-	-	-		
51	Sugar	-	-	-	-	-	18,400	18,400	0.3		
52	Food Products	-	-	-	-	-	58	58	0.0		
53	Furnace Slags	-	193,763	-	-	-	109,876	303,639	4.4		
54	Scrap Iron and Steel	-	28,218	-	-	-	-	28,218	0.4		
55	Other Manufactures and Misc. (1)	35,389	221,087	64,776	531	22,381	93,680	437,844	6.4		
56	Total Manufactures and Misc.	996,404	1,954,335	221,400	531	426,588	1,269,164	4,868,422	70.7		
57	GRAND TOTAL	1,036,488	3,480,754	221,400	531	438,524	1,707,937	6,885,634	100.0		

(1) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
2019**

TABLE W3 - 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					
3,801,414	-	1,071,994	104,689	-	1,008,626	5,986,723	27.6	6,001,723	21.0	1
-	-	61,524	11,552	-	-	73,076	0.3	73,076	0.3	2
-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	5
585,041	-	664,705	-	-	13,239	1,262,985	5.8	1,262,985	4.4	6
51,903	-	21,307	-	-	-	73,210	0.3	73,210	0.3	7
-	-	-	-	-	-	-	-	-	-	8
542,886	-	64,397	113,252	-	288,932	1,009,467	4.7	1,009,467	3.5	9
28,451	-	86,498	-	-	-	114,949	0.5	114,949	0.4	10
-	-	20,927	-	-	-	20,927	0.1	20,927	0.1	11
-	-	33,958	-	-	-	33,958	0.2	33,958	0.1	12
-	-	-	-	-	-	-	-	-	-	13
-	-	21,336	-	-	101,330	122,666	0.6	131,166	0.5	14
5,009,695	-	2,046,646	229,493	-	1,412,127	8,697,961	40.1	8,721,461	30.5	15
-	-	-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	-	-	19
-	-	-	2,391,464	-	-	2,391,464	11.0	2,391,464	8.4	20
580,151	-	21,522	786,932	-	-	1,388,605	6.4	1,451,255	5.1	21
-	-	-	4,530,098	-	-	4,530,098	20.9	5,140,104	18.0	22
-	-	-	-	-	-	-	-	171,145	0.6	23
-	-	-	-	-	35,166	35,166	0.2	54,166	0.2	24
-	-	-	103,929	-	-	103,929	0.5	103,929	0.4	25
182,121	-	-	-	-	-	182,121	0.8	366,246	1.3	26
1,399,633	32,248	-	489,812	-	-	1,921,693	8.9	2,602,907	9.1	27
52,420	8,769	239,745	-	-	-	300,934	1.4	311,934	1.1	28
-	-	-	-	-	-	-	-	102,771	0.4	29
92,645	-	-	151,578	-	-	244,223	1.1	283,952	1.0	30
-	-	-	-	-	-	-	-	91,919	0.3	31
2,306,970	41,017	261,267	8,453,813	-	35,166	11,098,233	51.2	13,071,792	45.7	32
-	-	-	-	-	-	-	-	15,358	0.1	33
-	-	2,900	-	-	-	2,900	0.0	7,695	0.0	34
-	-	2,900	-	-	-	2,900	0.0	23,053	0.1	35
91,017	-	108,786	-	-	-	199,803	0.9	851,654	3.0	36
667,984	-	18,493	32,813	-	-	719,290	3.3	1,358,773	4.8	37
-	9,285	115,383	-	-	-	124,668	0.6	166,956	0.6	38
38,518	4,000	1,455	69,005	-	-	112,978	0.5	159,042	0.6	39
-	-	-	-	-	-	-	-	-	-	40
-	-	11,489	-	-	-	11,489	0.1	22,678	0.1	41
-	-	-	-	-	-	-	-	159,010	0.6	42
160	-	-	-	-	7,728	7,888	0.0	915,569	3.2	43
-	-	-	-	-	-	-	-	79,051	0.3	44
-	-	-	476	-	3,526	4,002	0.0	27,938	0.1	45
-	-	-	-	-	-	-	-	923,694	3.2	46
-	-	-	-	-	-	-	-	583,075	2.0	47
-	-	-	-	-	-	-	-	12,500	0.0	48
-	-	-	-	-	-	-	-	441	0.0	49
-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	18,400	0.1	51
-	-	-	-	-	-	-	-	58	0.0	52
473,785	-	-	152,887	-	-	626,672	2.9	930,311	3.3	53
-	-	-	-	-	-	-	-	28,218	0.1	54
-	-	7	83,197	-	2,562	85,766	0.4	523,610	1.8	55
1,271,464	13,285	255,613	338,378	-	13,816	1,892,556	8.7	6,760,978	23.7	56
8,588,129	54,302	2,566,426	9,021,684	-	1,461,109	21,691,650	100.0	28,577,284	100.0	57

**TRAFFIC BY MONTH AND TYPE OF CARGO
2019**

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	%
UPBOUND:													
March	5	24	29	519,351	75,296	-	-	-	-	-	-	75,296	0.3
April	65	97	162	2,294,594	598,229	-	15,000	-	1,061	142,186	-	756,476	2.6
May	78	101	179	2,496,089	866,907	-	-	-	12	85,410	18,099	970,428	3.4
June	65	106	171	2,307,051	696,201	-	-	-	1,497	97,847	21,164	816,709	2.9
July	72	113	185	2,498,895	674,543	-	-	-	2,264	125,500	-	802,307	2.8
August	67	110	177	2,559,837	510,795	-	-	-	884	138,062	-	649,741	2.3
September	76	121	197	2,588,543	606,700	-	-	-	1,521	65,840	20,581	694,642	2.4
October	75	105	180	2,587,438	791,507	-	8,500	-	813	145,114	19,207	965,141	3.4
November	68	115	183	2,628,826	676,657	-	-	-	408	135,258	-	812,323	2.8
December	30	95	125	1,578,959	280,487	-	-	-	-	35,100	-	315,587	1.1
January	1	5	6	62,041	26,984	-	-	-	-	-	-	26,984	0.1
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Upbound	602	992	1,594	22,121,624	5,804,306	-	23,500	-	8,460	970,317	79,051	6,885,634	24.1
DOWNBOUND:													
March	6	11	17	206,718	70,638	56,982	-	-	-	-	-	127,620	0.4
April	90	53	143	2,017,669	974,585	320,204	704,945	-	-	-	-	1,999,734	7.0
May	123	66	189	2,632,396	1,160,181	246,767	1,177,483	-	223	-	-	2,584,654	9.0
June	104	66	170	2,301,879	1,157,728	210,421	816,589	-	-	-	-	2,184,738	7.6
July	123	50	173	2,442,900	1,430,345	214,005	854,130	-	-	-	-	2,498,480	8.7
August	119	60	179	2,451,739	1,537,913	202,863	701,654	-	377	-	-	2,442,807	8.5
September	125	65	190	2,556,224	1,198,134	342,501	939,943	-	-	-	-	2,480,578	8.7
October	129	60	189	2,750,107	1,280,663	331,668	1,014,251	-	-	2,171	-	2,628,753	9.2
November	118	55	173	2,378,570	963,624	330,103	1,091,461	-	20	-	-	2,385,208	8.3
December	114	44	158	2,222,545	704,480	135,950	1,361,515	-	460	10,572	-	2,212,977	7.7
January	7	4	11	140,766	110,111	-	35,990	-	-	-	-	146,101	0.5
February	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Downbound	1,058	534	1,592	22,101,513	10,588,402	2,391,464	8,697,961	-	1,080	12,743	-	21,691,650	75.9
TOTALS:													
March	11	35	46	726,069	145,934	56,982	-	-	-	-	-	202,916	0.7
April	155	150	305	4,312,263	1,572,814	320,204	719,945	-	1,061	142,186	-	2,756,210	9.6
May	201	167	368	5,128,485	2,027,088	246,767	1,177,483	-	235	85,410	18,099	3,555,082	12.4
June	169	172	341	4,608,930	1,853,929	210,421	816,589	-	1,497	97,847	21,164	3,001,447	10.5
July	195	163	358	4,941,795	2,104,888	214,005	854,130	-	2,264	125,500	-	3,300,787	11.6
August	186	170	356	5,011,576	2,048,708	202,863	701,654	-	1,261	138,062	-	3,092,548	10.8
September	201	186	387	5,144,767	1,804,834	342,501	939,943	-	1,521	65,840	20,581	3,175,220	11.1
October	204	165	369	5,337,545	2,072,170	331,668	1,022,751	-	813	147,285	19,207	3,593,894	12.6
November	186	170	356	5,007,396	1,640,281	330,103	1,091,461	-	428	135,258	-	3,197,531	11.2
December	144	139	283	3,801,504	984,967	135,950	1,361,515	-	460	45,672	-	2,528,564	8.8
January	8	9	17	202,807	137,095	-	35,990	-	-	-	-	173,085	0.6
February	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	1,660	1,526	3,186	44,223,137	16,392,708	2,391,464	8,721,461	-	9,540	983,060	79,051	28,577,284	100.0

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

**TRAFFIC RESULTS
2000 - 2019**

TABLE W5

WELLAND CANAL SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONNAGE		
	Upbound	Downbound	Total	Upbound	Downbound	Total	Upbound	Downbound	Total
2000	1,681	1,670	3,351	13,433,945	23,138,232	36,572,177	20,473,915	20,428,640	40,902,555
2001	1,706	1,683	3,389	10,623,437	21,861,460	32,484,897	19,489,594	19,430,309	38,919,903
2002	1,506	1,510	3,016	11,689,831	20,418,339	32,108,170	18,103,106	18,134,151	36,237,257
2003	1,512	1,515	3,027	11,697,639	20,172,827	31,870,466	17,525,485	17,478,649	35,004,134
2004	1,584	1,601	3,185	12,595,988	21,688,828	34,284,816	18,311,694	18,360,863	36,672,557
2005	1,710	1,733	3,443	12,256,402	21,893,152	34,149,554	18,372,670	18,406,586	36,779,256
2006	1,840	1,833	3,673	13,976,985	23,442,679	37,419,664	19,862,855	19,823,505	39,686,360
2007	1,833	1,838	3,671	10,866,311	24,069,114	34,935,425	20,125,587	20,080,540	40,206,127
2008	1,749	1,768	3,517	10,402,209	23,177,702	33,579,911	18,965,112	19,047,659	38,012,771
2009	1,404	1,395	2,799	5,900,260	20,480,199	26,380,459	16,256,539	16,257,628	32,514,167
2010	1,558	1,577	3,135	7,685,414	21,497,922	29,183,336	18,428,256	18,379,890	36,808,146
2011	1,650	1,646	3,296	7,690,451	21,946,208	29,636,659	19,225,477	19,153,605	38,379,082
2012	1,621	1,622	3,243	7,298,643	22,681,823	29,980,466	20,087,310	19,992,130	40,079,440
2013	1,567	1,566	3,133	6,253,749	22,983,212	29,236,961	19,591,123	19,581,806	39,172,929
2014	1,634	1,638	3,272	7,641,255	24,115,717	31,756,972	21,303,838	21,253,291	42,557,129
2015	1,504	1,502	3,006	7,916,791	20,325,042	28,241,833	19,097,928	19,004,435	38,102,363
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
TOTAL	32,379	32,406	64,785	184,277,922	442,668,313	626,946,235	390,184,134	389,743,383	779,927,517

**CARGO BY TARIFF CLASSIFICATION
2000 - 2019**

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	%	
2000	15,811,645	43.2	4,345,503	11.9	12,871,409	35.2	9,655	0.0	1,283	0.0	3,382,207	9.2	150,475	0.4	36,572,177
2001	13,826,823	42.6	4,803,620	14.8	11,645,522	35.8	-	-	1,616	0.0	2,033,454	6.3	173,862	0.5	32,484,897
2002	14,956,780	46.6	4,114,092	12.8	10,323,175	32.2	25,834	0.1	848	0.0	2,133,952	6.6	553,489	1.7	32,108,170
2003	16,635,881	52.2	4,196,191	13.2	9,342,431	29.3	7,826	0.0	791	0.0	1,682,564	5.3	4,782	0.0	31,870,466
2004	18,017,251	52.6	4,230,079	12.3	9,044,708	26.4	-	-	867	0.0	2,904,893	8.5	87,018	0.3	34,284,816
2005	19,095,444	55.9	3,693,199	10.8	9,391,899	27.5	-	-	398	0.0	1,884,844	5.5	83,770	0.2	34,149,554
2006	19,810,684	52.9	3,714,491	9.9	10,751,735	28.7	11,064	0.0	3,372	0.0	2,774,914	7.4	353,404	0.9	37,419,664
2007	19,911,584	57.0	3,159,070	9.0	9,921,492	28.4	-	-	871	0.0	1,527,846	4.4	414,562	1.2	34,935,425
2008	21,850,486	65.1	3,631,509	10.8	6,848,996	20.4	-	-	1,566	0.0	1,231,106	3.7	16,248	0.0	33,579,911
2009	15,318,345	58.1	2,852,049	10.8	7,518,954	28.5	-	-	790	0.0	669,054	2.5	21,267	0.1	26,380,459
2010	16,298,195	55.8	3,670,410	12.6	8,013,820	27.5	-	-	11,761	0.0	1,188,862	4.1	288	0.0	29,183,336
2011	17,218,186	58.1	3,739,848	12.6	7,539,218	25.4	-	-	6,385	0.0	1,131,409	3.8	1,613	0.0	29,636,659
2012	16,714,239	55.8	4,557,243	15.2	7,560,197	25.2	-	-	2,762	0.0	1,106,219	3.7	39,806	0.1	29,980,466
2013	16,623,014	56.9	4,453,956	15.2	7,076,699	24.2	-	-	282	0.0	1,082,402	3.7	608	0.0	29,236,961
2014	14,706,279	46.3	4,204,227	13.2	10,666,290	33.6	-	-	7,554	0.0	1,924,037	6.1	248,585	0.8	31,756,972
2015	14,300,508	50.6	2,497,029	8.8	9,717,230	34.4	-	-	28,386	0.1	1,679,308	5.9	19,372	0.1	28,241,833
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
TOTAL	333,714,928	53.2	71,297,098	11.4	184,786,695	29.5	54,379	0.0	118,511	0.0	34,106,022	5.4	2,868,602	0.5	626,946,235

(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
2000 - 2019**

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
2000	13,433,945	849	832	1,681	23,138,232	1,214	456	1,670	36,572,177	2,063	1,288	3,351
2001	10,623,437	746	960	1,706	21,861,460	1,147	536	1,683	32,484,897	1,893	1,496	3,389
2002	11,689,831	766	740	1,506	20,418,339	1,041	469	1,510	32,108,170	1,807	1,209	3,016
2003	11,697,639	725	787	1,512	20,172,827	1,036	479	1,515	31,870,466	1,761	1,266	3,027
2004	12,595,988	806	778	1,584	21,688,828	1,089	512	1,601	34,284,816	1,895	1,290	3,185
2005	12,256,402	793	917	1,710	21,893,152	1,126	607	1,733	34,149,554	1,919	1,524	3,443
2006	13,976,985	862	978	1,840	23,442,679	1,207	626	1,833	37,419,664	2,069	1,604	3,673
2007	10,866,311	714	1,119	1,833	24,069,114	1,266	572	1,838	34,935,425	1,980	1,691	3,671
2008	10,402,209	657	1,092	1,749	23,177,702	1,178	590	1,768	33,579,911	1,835	1,682	3,517
2009	5,900,260	388	1,016	1,404	20,480,199	1,023	372	1,395	26,380,459	1,411	1,388	2,799
2010	7,685,414	549	1,009	1,558	21,497,922	1,085	492	1,577	29,183,336	1,634	1,501	3,135
2011	7,690,451	549	1,101	1,650	21,946,208	1,126	520	1,646	29,636,659	1,675	1,621	3,296
2012	7,298,643	503	1,118	1,621	22,681,823	1,167	455	1,622	29,980,466	1,670	1,573	3,243
2013	6,253,749	443	1,124	1,567	22,983,212	1,159	407	1,566	29,236,961	1,602	1,531	3,133
2014	7,641,255	537	1,097	1,634	24,115,717	1,222	416	1,638	31,756,972	1,759	1,513	3,272
2015	7,916,791	587	917	1,504	20,325,042	1,015	487	1,502	28,241,833	1,602	1,404	3,006
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
TOTAL	184,277,922	12,687	19,692	32,379	442,668,313	22,453	9,953	32,406	626,946,235	35,140	29,645	64,785

**COMMODITY GROUPS
2000 - 2019**

TABLE W8

WELLAND CANAL SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		TOTAL TONNES
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	
2000	12,875,981	35.2	7,080	0.0	15,324,880	41.9	-	-	8,364,236	22.9	36,572,177
2001	11,645,522	35.8	4,042	0.0	13,287,209	40.9	20,181	0.1	7,527,943	23.2	32,484,897
2002	10,348,562	32.2	5,172	0.0	13,907,368	43.3	89,156	0.3	7,757,912	24.2	32,108,170
2003	9,349,427	29.3	-	-	15,637,122	49.1	70,402	0.2	6,813,515	21.4	31,870,466
2004	9,044,708	26.4	-	-	16,596,194	48.4	51,915	0.2	8,591,999	25.1	34,284,816
2005	9,391,899	27.5	-	-	17,154,098	50.2	105,430	0.3	7,498,127	22.0	34,149,554
2006	10,757,638	28.7	-	-	17,818,154	47.6	49,455	0.1	8,794,417	23.5	37,419,664
2007	9,921,492	28.4	5,239	0.0	17,054,983	48.8	4,908	0.0	7,948,803	22.8	34,935,425
2008	6,848,996	20.4	-	-	20,506,190	61.1	-	-	6,224,725	18.5	33,579,911
2009	7,518,954	28.5	-	-	14,700,836	55.7	-	-	4,160,669	15.8	26,380,459
2010	8,013,820	27.5	-	-	15,887,398	54.4	-	-	5,282,118	18.1	29,183,336
2011	7,539,218	25.4	-	-	15,707,442	53.0	-	-	6,389,999	21.6	29,636,659
2012	7,560,197	25.2	-	-	16,075,484	53.6	-	-	6,344,785	21.2	29,980,466
2013	7,076,699	24.2	-	-	16,033,061	54.8	-	-	6,127,201	21.0	29,236,961
2014	10,666,349	33.6	-	-	14,212,844	44.8	-	-	6,877,779	21.7	31,756,972
2015	9,717,230	34.4	-	-	12,247,674	43.4	7,786	0.0	6,269,143	22.2	28,241,833
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
TOTAL	184,829,615	29.5	21,533	0.0	304,244,733	48.5	436,455	0.1	137,413,899	21.9	626,946,235

**U.S. GRAINS
2000 - 2019**

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	%	
2000	2 012 948	33,9	1 763 090	29,7	-	-	43 694	0,7	93 785	1,6	1 894 632	31,9	31 084	0,5	149 299	2,5	5 944 838
2001	2 098 403	38,8	1 444 889	26,7	20 959	0,4	-	-	24 960	0,5	1 568 703	29,0	56 728	1,0	199 541	3,7	5 414 183
2002	1 864 851	40,7	1 003 946	21,9	-	-	-	-	24 451	0,5	1 510 436	33,0	69 736	1,5	105 852	2,3	4 579 272
2003	1 810 637	48,0	885 817	23,5	-	-	-	-	2 213	0,1	901 268	23,9	48 860	1,3	125 065	3,3	3 773 860
2004	1 928 223	50,6	635 111	16,7	-	-	-	-	5 962	0,2	1 039 391	27,3	31 895	0,8	167 431	4,4	3 808 013
2005	2 090 363	51,3	761 437	18,7	-	-	-	-	37 594	0,9	778 751	19,1	93 076	2,3	315 383	7,7	4 076 604
2006	1 296 785	29,6	1 636 069	37,4	-	-	-	-	-	-	1 153 975	26,4	24 953	0,6	265 099	6,1	4 376 881
2007	2 688 049	61,7	751 755	17,3	-	-	-	-	20 917	0,5	626 779	14,4	51 753	1,2	213 960	4,9	4 353 213
2008	777 776	49,8	269 818	17,3	-	-	21 078	1,3	-	-	300 270	19,2	21 112	1,4	172 442	11,0	1 562 496
2009	967 069	41,7	346 831	15,0	-	-	61 785	2,7	-	-	764 078	33,0	14 754	0,6	162 815	7,0	2 317 332
2010	1 901 201	63,6	119 280	4,0	-	-	39 030	1,3	40 739	1,4	654 418	21,9	46 550	1,6	185 773	6,2	2 986 991
2011	974 408	57,6	165 537	9,8	-	-	21 455	1,3	-	-	405 757	24,0	10 507	0,6	114 703	6,8	1 692 367
2012	479 895	34,9	41 446	3,0	-	-	40 595	3,0	-	-	703 485	51,2	10 593	0,8	98 602	7,2	1 374 616
2013	899 170	52,3	-	-	-	-	-	-	-	-	694 582	40,4	-	-	124 687	7,3	1 718 439
2014	896 043	37,3	298 676	12,4	-	-	42 369	1,8	-	-	1 024 680	42,6	-	-	142 627	5,9	2 404 395
2015	973 207	42,7	493 945	21,7	-	-	46 071	2,0	-	-	637 131	28,0	-	-	127 293	5,6	2 277 647
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
TOTAL	27 354 694	44,7	11 815 727	19,3	20 959	0,0	437 962	0,7	250 621	0,4	17 723 801	29,0	519 601	0,8	3 127 005	5,1	61 206 676

**CANADIAN GRAINS
2000 - 2019**

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	%	
2000	4,651,847	67.6	114,367	1.7	8,482	0.1	340,413	4.9	-	-	249,090	3.6	458,601	6.7	1,056,880	15.4	6,879,680
2001	4,521,487	72.7	45,687	0.7	11,679	0.2	321,964	5.2	32,908	0.5	207,275	3.3	475,014	7.6	599,127	9.6	6,215,141
2002	4,202,114	74.3	66,033	1.2	9,407	0.2	208,316	3.7	114,193	2.0	335,380	5.9	534,353	9.5	182,046	3.2	5,651,842
2003	4,174,626	75.7	5,399	0.1	23,844	0.4	278,592	5.1	46,615	0.8	302,343	5.5	454,788	8.2	228,150	4.1	5,514,357
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
TOTAL	90,146,144	73.2	1,403,316	1.1	249,024	0.2	11,934,632	9.7	220,898	0.2	7,079,552	5.7	5,113,455	4.2	6,993,400	5.7	123,140,421

**SELECTED MINING COMMODITIES
2000 - 2019**

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	%	
2000	4,345,503	28.4	964,887	6.3	6,128,438	40.0	161,835	1.1	214,291	1.4	894,193	5.8	1,725,627	11.3	890,106	5.8	15,324,880
2001	4,803,620	36.2	901,018	6.8	3,486,873	26.2	84,269	0.6	204,364	1.5	945,002	7.1	2,149,714	16.2	712,349	5.4	13,287,209
2002	4,114,092	29.6	1,194,300	8.6	5,042,945	36.3	110,613	0.8	181,670	1.3	739,559	5.3	1,888,696	13.6	635,493	4.6	13,907,368
2003	4,196,191	26.8	1,004,157	6.4	6,560,453	42.0	109,485	0.7	210,126	1.3	799,893	5.1	2,070,106	13.2	686,711	4.4	15,637,122
2004	4,230,079	25.5	1,286,492	7.8	6,630,538	40.0	180,934	1.1	195,122	1.2	1,193,515	7.2	2,367,741	14.3	511,773	3.1	16,596,194
2005	3,693,199	21.5	1,346,009	7.8	7,419,461	43.3	128,894	0.8	210,483	1.2	1,213,462	7.1	2,547,366	14.8	595,224	3.5	17,154,098
2006	3,714,491	20.8	1,877,911	10.5	7,191,865	40.4	177,648	1.0	190,485	1.1	1,151,332	6.5	2,891,149	16.2	623,273	3.5	17,818,154
2007	3,159,070	18.5	1,376,874	8.1	8,283,147	48.6	147,736	0.9	138,281	0.8	823,881	4.8	2,479,604	14.5	646,390	3.8	17,054,983
2008	3,631,509	17.7	2,538,277	12.4	9,502,278	46.3	121,479	0.6	159,991	0.8	656,039	3.2	3,053,544	14.9	843,073	4.1	20,506,190
2009	2,852,049	19.4	1,406,990	9.6	6,251,224	42.5	62,556	0.4	76,657	0.5	423,888	2.9	2,939,181	20.0	688,291	4.7	14,700,836
2010	3,670,410	23.1	1,666,050	10.5	7,135,127	44.9	69,279	0.4	113,404	0.7	501,003	3.2	1,981,436	12.5	750,689	4.7	15,887,398
2011	3,739,848	23.8	2,079,628	13.2	5,961,836	38.0	108,199	0.7	108,432	0.7	466,745	3.0	2,569,434	16.4	673,320	4.3	15,707,442
2012	4,557,243	28.3	1,334,955	8.3	6,264,484	39.0	79,487	0.5	160,277	1.0	437,461	2.7	2,585,462	16.1	656,115	4.1	16,075,484
2013	4,453,956	27.8	1,414,934	8.8	6,792,569	42.4	91,444	0.6	125,132	0.8	315,707	2.0	2,267,310	14.1	572,009	3.6	16,033,061
2014	4,204,227	29.6	1,487,269	10.5	4,517,320	31.8	50,608	0.4	123,117	0.9	360,410	2.5	3,012,803	21.2	457,090	3.2	14,212,844
2015	2,497,029	20.4	1,306,554	10.7	4,664,602	38.1	43,126	0.4	137,535	1.1	128,177	1.0	2,890,371	23.6	580,280	4.7	12,247,674
2016	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
2017	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
2018	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
2019	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
TOTAL	71,297,098	23.4	28,585,428	9.4	122,365,229	40.2	1,989,682	0.7	3,045,268	1.0	12,547,703	4.1	50,625,782	16.6	13,788,543	4.5	304,244,733

**SELECTED PROCESSED COMMODITIES
2000 - 2019**

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	%
2000	108,365	1.3	354,049	4.2	496,847	5.9	84,646	1.0	202,512	2.4	3,458,677	41.4	1,258,259	15.0	138,016	1.7	2,262,865	27.1
2001	285,450	3.8	492,370	6.5	435,129	5.8	73,898	1.0	199,013	2.6	2,145,531	28.5	1,540,165	20.5	124,709	1.7	2,231,678	29.6
2002	147,641	1.9	293,209	3.8	421,416	5.4	74,087	1.0	229,653	3.0	2,643,181	34.0	1,305,972	16.8	83,128	1.1	2,574,174	33.1
2003	158,411	2.3	570,348	8.4	436,386	6.4	68,800	1.0	177,603	2.6	1,652,648	24.3	1,297,109	19.0	134,222	2.0	2,317,988	34.0
2004	173,561	2.0	600,026	7.0	554,959	6.5	47,589	0.6	162,506	1.9	2,914,863	33.9	1,226,938	14.3	244,612	2.8	2,666,945	31.0
2005	248,352	3.3	667,545	8.9	395,011	5.3	19,181	0.3	177,542	2.4	1,854,248	24.7	1,230,805	16.4	171,761	2.3	2,733,682	36.5
2006	381,603	4.4	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
2007	530,160	6.7	1,030,625	13.0	370,354	4.7	15,938	0.2	257,022	3.2	1,918,301	24.1	1,087,934	13.7	311,265	3.9	2,427,204	30.5
2008	507,338	8.2	789,629	12.7	239,492	3.8	15,010	0.2	167,061	2.7	1,202,260	19.3	775,575	12.5	177,685	2.9	2,350,675	37.8
2009	215,424	5.2	640,750	15.4	153,810	3.7	-	-	101,887	2.4	659,314	15.8	660,877	15.9	94,702	2.3	1,633,905	39.3
2010	294,125	5.6	660,930	12.5	239,362	4.5	-	-	254,220	4.8	1,119,501	21.2	859,159	16.3	114,127	2.2	1,740,694	33.0
2011	561,244	8.8	1,214,324	19.0	243,440	3.8	-	-	182,143	2.9	1,115,852	17.5	809,991	12.7	314,413	4.9	1,948,592	30.5
2012	339,498	5.4	1,026,176	16.2	289,171	4.6	-	-	175,034	2.8	1,129,565	17.8	896,565	14.1	170,131	2.7	2,316,145	36.5
2013	262,790	4.3	1,316,976	21.5	256,228	4.2	-	-	135,601	2.2	1,043,009	17.0	732,134	11.9	82,054	1.3	2,298,409	37.5
2014	306,133	4.5	1,056,948	15.4	325,457	4.7	-	-	74,383	1.1	2,133,660	31.0	865,840	12.6	120,015	1.7	1,995,343	29.0
2015	480,061	7.7	651,625	10.4	215,389	3.4	-	-	113,628	1.8	1,619,284	25.8	957,032	15.3	62,239	1.0	2,169,885	34.6
2016	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
2017	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
2018	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
2019	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
TOTAL	7,358,763	5.4	16,766,748	12.2	6,206,133	4.5	414,432	0.3	3,422,897	2.5	35,944,426	26.2	19,944,893	14.5	2,798,330	2.0	44,479,149	32.4

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

NOTES