



1999 Traffic Report

The
St. Lawrence
Seaway

THE ST. LAWRENCE SEAWAY

TRAFFIC REPORT **1999 NAVIGATION SEASON**

PREPARED BY

THE ST. LAWRENCE SEAWAY MANAGEMENT CORPORATION

AND THE

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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, page 7. The calendar year or the fiscal year is not considered.

For 1999, **COAL** has been separated from the BULK classification and **STEEL SLAB** from the GENERAL classification. Also, the format of this report has been modified; tables published in prior Traffic Reports have been removed. However, the primary contents of this report are still divided into four parts:

Part I - Table summaries of the 1999 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.

Starting with the 1993 report, historical tables cover the latest 20 years. Anyone needing historical tables going back to 1959 can request the "Historical Tables" brochure from either office.

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, and for transit and gross registered tonnage purposes, are included amongst the loaded or ballast transits of the cargo vessel category.

In previous years, each tug and barge combination was considered to be one unit and/or one transit. As of 1999, each vessel is considered to be a separate transit.

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

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PART I

ST. LAWRENCE SEAWAY TOLL TRAFFIC

DEFINITIONS

AND

1999 TRAFFIC SUMMARIES

DEFINITIONS

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

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

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

- l) **Origin** The country in which the cargo was loaded and/or the transit originated.
- m) **Package Freight** In the historical tables, designates cargo consisting of miscellaneous packages generally identified as to commodity and carried only on vessels licensed by the respective authorities in Canada and the United States. This commodity classification is no longer applicable.
- n) **Steel Slab Cargo** The tonnes of cargo assessed at the Steel Slab rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls. Previous to 1999, Steel Slab was listed under General.
- o) **Transit** A partial or complete upbound or downbound passage of a ship through one or more locks of a Seaway Canal.
- p) **Tug and Barge Combination** Prior to 1999, the assessment of tolls required tugs and barges in common transits be considered as one unit. In this report, the tug and the barge are each considered to be a transit, and the number of transits shown under barge are strictly barge transits. Tug transits are now included in the non-cargo category.

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

TRAFFIC SUMMARY 1999

TABLE S1
(Previously TABLE 1T)

| TRAFFIC AND REVENUE | ST. LAWRENCE SEAWAY | | | MONTREAL / LAKE ONTARIO SECTION | | | WELLAND CANAL SECTION | | |
|--|---------------------|--------------|-----------------|---------------------------------|--------------|-----------------|-----------------------|--------------|-----------------|
| TRAFFIC | Tonnes and Transits | % of Total | Variance % 1998 | Tonnes and Transits | % of Total | Variance % 1998 | Tonnes and Transits | % of Total | Variance % 1998 |
| Cargo Tonnes by Toll Classification: | | | | | | | | | |
| Bulk | 24 563 155 | 51.3 | -5.5 | 17 923 481 | 49.2 | -5.9 | 15 880 743 | 42.4 | -8.6 |
| Coal | 4 541 600 | 9.5 | -2.5 | 266 364 | 0.7 | 39.2 | 4 518 099 | 12.1 | -2.5 |
| Grains | 14 084 611 | 29.4 | 4.7 | 13 552 844 | 37.2 | 4.5 | 13 508 319 | 36.1 | 2.6 |
| Government Aid | 80 692 | 0.2 | 161.7 | 80 692 | 0.2 | 161.7 | 69 469 | 0.1 | 338.9 |
| Containers | 11 573 | 0.0 | 122.1 | 11 573 | 0.0 | 122.1 | 355 | 0.0 | -57.6 |
| General Cargo | 4 165 674 | 8.7 | -32.5 | 4 164 599 | 11.4 | -32.5 | 3 286 495 | 8.8 | -35.9 |
| Steel Slab | 412 058 | 0.9 | -50.7 | 412 058 | 1.2 | -50.7 | 177 405 | 0.5 | -47.6 |
| Total Cargo Tonnes | 47 859 363 | 100.0 | -6.4 | 36 411 611 | 100.0 | -7.2 | 37 440 885 | 100.0 | -7.9 |
| Gross Registered Tonnage: | | | | | | | | | |
| Cargo Vessels | 48 081 338 | 99.4 | -9.5 | 37 245 611 | 99.7 | -9.3 | 41 515 766 | 99.4 | -7.7 |
| Non-Cargo Vessels | 300 432 | 0.6 | 36.8 | 105 614 | 0.3 | -32.0 | 243 751 | 0.6 | 227.8 |
| Total Gross Registered Tonnage | 48 381 770 | 100.0 | -9.3 | 37 351 225 | 100.0 | -9.4 | 41 759 517 | 100.0 | -7.3 |
| Vessel Transits: | | | | | | | | | |
| Loaded Cargo Vessels | 2 816 | 60.5 | -3.2 | 2 153 | 68.0 | -3.7 | 2 132 | 57.9 | -7.7 |
| Ballast Cargo Vessels | 987 | 21.2 | -6.9 | 659 | 20.8 | -1.9 | 941 | 25.6 | -0.6 |
| Non-Cargo Vessels | 853 | 18.3 | 115.4 | 356 | 11.2 | 41.8 | 607 | 16.5 | 255.0 |
| Total Vessel Transits | 4 656 | 100.0 | 6.6 | 3 168 | 100.0 | 0.3 | 3 680 | 100.0 | 7.4 |
| Additional Information: | Number | | | Number | | | Number | | |
| Passengers (Number) | 8 850 | - | 101.7 | 7 399 | - | 17.8 | 1 548 | - | 49.7 |
| Pleasure Craft Lockages | 13 356 | - | 11.5 | 12 423 | - | -4.5 | 933 | - | -86.6 |
| REVENUE (1) | Revenue | % of Total | Variance % 1998 | Revenue | % of Total | Variance % 1998 | Revenue | % of Total | Variance % 1998 |
| Traffic Revenue (\$) by Toll Classification | \$ | | | \$ | | | \$ | | |
| Bulk | 23 758 092 | 32.8 | -4.4 | 14 983 805 | 43.1 | -3.5 | 8 774 286 | 23.3 | -5.8 |
| Coal | 2 704 754 | 3.7 | 0.4 | 119 498 | 0.3 | 24.9 | 2 585 256 | 6.9 | -0.5 |
| Grains | 14 794 610 | 20.4 | 5.6 | 7 191 097 | 20.7 | 7.0 | 7 603 513 | 20.2 | 4.4 |
| Government Aid | - | - | - | - | - | - | - | - | - |
| Containers | 6 190 | 0.0 | 27.5 | 5 987 | 0.0 | 36.4 | 203 | 0.0 | -56.3 |
| General Cargo | 11 600 996 | 16.0 | -34.1 | 8 592 729 | 24.7 | -35.1 | 3 008 268 | 8.0 | -31.1 |
| Steel Slab | 892 235 | 1.2 | -28.6 | 775 946 | 2.2 | -5.4 | 116 289 | 0.3 | -73.0 |
| Gross Registered Tonnage | 8 592 933 | 11.9 | -5.9 | 3 059 295 | 8.8 | -7.6 | 5 533 639 | 14.7 | -5.0 |
| Passengers | 51 721 | 0.1 | -12.2 | 36 517 | 0.1 | -1.3 | 15 204 | 0.0 | -30.8 |
| Lockage Fees | 10 033 845 | 13.9 | -3.9 | - | - | - | 10 033 845 | 26.6 | -3.9 |
| Total Tolls - Current Shipping Season | 72 435 376 | 100.0 | -9.5 | 34 764 874 | 100.0 | -12.6 | 37 670 503 | 100.0 | -6.5 |

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

COMMODITY SUMMARY 1999

TABLE S2

(Previously TABLE 2T)

| SUMMARY OF MAJOR COMMODITIES | ST. LAWRENCE SEAWAY | | | MONTREAL / LAKE ONTARIO SECTION | | | WELLAND CANAL SECTION | | |
|------------------------------------|---------------------|------------|-----------------|---------------------------------|------------|-----------------|-----------------------|------------|-----------------|
| | Tonnes | % of Total | Variance % 1998 | Tonnes | % of Total | Variance % 1998 | Tonnes | % of Total | Variance % 1998 |
| Agricultural Products: | | | | | | | | | |
| Wheat | 6 821 684 | 14.3 | -0.9 | 6 448 213 | 17.7 | -3.1 | 6 492 317 | 17.3 | -3.9 |
| Corn | 3 099 965 | 6.5 | 50.1 | 3 026 785 | 8.3 | 55.2 | 2 942 217 | 7.9 | 44.4 |
| Rye | - | - | - | - | - | - | - | - | - |
| Oats | 8 482 | 0.0 | -84.9 | 8 482 | 0.0 | -84.9 | 8 482 | 0.0 | -84.9 |
| Barley | 128 052 | 0.3 | 63.6 | 128 052 | 0.4 | 63.6 | 126 382 | 0.3 | 61.5 |
| Soybeans | 2 524 092 | 5.3 | 23.0 | 2 524 092 | 6.9 | 23.0 | 2 429 232 | 6.5 | 27.4 |
| Flaxseed | 221 353 | 0.5 | -55.8 | 221 353 | 0.6 | -55.8 | 221 353 | 0.6 | -55.8 |
| Canola (Rapeseed) (1) | 346 074 | 0.7 | -56.8 | 260 958 | 0.7 | -60.3 | 346 074 | 0.9 | -56.8 |
| Other Grains | 1 015 601 | 2.1 | -3.2 | 1 015 601 | 2.8 | -3.2 | 1 011 731 | 2.7 | -3.1 |
| <i>Total Grains</i> | 14 165 303 | 29.6 | 5.1 | 13 633 536 | 37.4 | 4.9 | 13 577 788 | 36.3 | 3.0 |
| Other Agricultural Products | 4 094 | 0.0 | 8.9 | 4 094 | 0.0 | 8.9 | - | - | - |
| Total Agricultural Products | 14 169 397 | 29.6 | 5.1 | 13 637 630 | 37.5 | 4.9 | 13 577 788 | 36.3 | 3.0 |
| Mine Products: | | | | | | | | | |
| Iron Ore | 11 320 250 | 23.7 | -6.6 | 10 686 169 | 29.3 | -3.8 | 5 822 615 | 15.6 | -10.6 |
| Coal | 4 541 600 | 9.5 | -2.5 | 266 364 | 0.7 | 39.2 | 4 518 099 | 12.1 | -2.5 |
| Coke | 741 737 | 1.5 | -13.2 | 566 637 | 1.6 | -9.2 | 623 627 | 1.7 | -10.8 |
| Stone, Ground, Crushed, or Rough | 860 287 | 1.8 | -33.7 | 313 953 | 0.9 | -43.9 | 859 859 | 2.3 | -33.7 |
| Salt | 2 173 791 | 4.5 | 9.0 | 745 098 | 2.0 | 1.7 | 2 154 900 | 5.8 | 9.0 |
| Other Mine Products | 1 974 725 | 4.1 | 7.4 | 1 661 555 | 4.6 | 9.9 | 1 216 254 | 3.2 | -0.8 |
| Total Mine Products | 21 612 390 | 45.2 | -5.0 | 14 239 776 | 39.1 | -3.3 | 15 195 354 | 40.6 | -7.0 |
| Processed Products: | | | | | | | | | |
| Iron and Steel | 3 905 996 | 8.2 | -35.1 | 3 905 324 | 10.7 | -35.2 | 3 157 333 | 8.4 | -37.1 |
| Steel Slab | 412 058 | 0.9 | -53.5 | 412 058 | 1.1 | -53.5 | 177 405 | 0.5 | -47.6 |
| Petroleum Products (2) | 1 415 320 | 3.0 | -16.0 | 1 218 577 | 3.3 | -21.0 | 576 822 | 1.5 | -28.0 |
| Chemicals | 517 263 | 1.1 | -35.0 | 405 651 | 1.1 | -38.4 | 397 024 | 1.1 | -38.7 |
| Other Processed Products | 5 790 095 | 12.1 | 6.0 | 2 555 751 | 7.0 | 7.6 | 4 347 579 | 11.6 | 1.2 |
| Total Processed Products | 12 040 732 | 25.2 | -18.9 | 8 497 361 | 23.3 | -26.0 | 8 656 163 | 23.1 | -22.1 |
| Miscellaneous Cargo: | | | | | | | | | |
| Forest Products | 1 526 | 0.0 | 4.8 | 1 526 | 0.0 | 4.8 | - | - | - |
| Animal Products | 35 318 | 0.1 | 1.2 | 35 318 | 0.1 | 1.2 | 11 580 | 0.0 | -17.6 |
| Total Miscellaneous Cargo | 36 844 | 0.1 | 1.4 | 36 844 | 0.1 | 1.4 | 11 580 | 0.0 | -17.6 |
| GRAND TOTAL | 47 859 363 | 100.0 | -6.4 | 36 411 611 | 100.0 | -7.2 | 37 440 885 | 100.0 | -7.9 |

(1) Canola (Rapeseed) was previously included in the "Other Grains" category.

(2) Includes gasoline, fuel oil, and other petroleum products.

**ACTUAL OPENING AND CLOSING DATES OF NAVIGATION
1980 - 1999**

TABLE S3

(Previously HISTORICAL TABLE 4T)

| YEAR | MONTREAL / LAKE ONTARIO SECTION | | | WELLAND CANAL SECTION | | |
|------|---------------------------------|-------------|--------------------|-----------------------|-------------|--------------------|
| | Opened | Closed | Days of Navigation | Opened | Closed | Days of Navigation |
| 1980 | March 24 | December 19 | 271 | March 24 | December 31 | 283 |
| 1981 | March 25 | December 20 | 271 | March 25 | December 27 | 278 |
| 1982 | April 5 | December 21 | 261 | April 5 | December 23 | 263 |
| 1983 | March 31 | December 19 | 264 | April 5 | December 27 | 267 |
| 1984 | April 2 | January 2 | 276 | March 28 | January 1 | 280 |
| 1985 | April 1 | December 30 | 274 | April 1 | December 30 | 274 |
| 1986 | April 3 | December 27 | 269 | April 3 | December 26 | 268 |
| 1987 | March 31 | December 26 | 271 | April 1 | December 28 | 272 |
| 1988 | March 29 | December 23 | 270 | March 30 | December 25 | 271 |
| 1989 | March 30 | December 23 | 269 | March 31 | December 23 | 268 |
| 1990 | March 28 | December 26 | 274 | March 28 | December 24 | 272 |
| 1991 | March 26 | December 24 | 274 | March 26 | December 24 | 274 |
| 1992 | March 30 | December 23 | 269 | March 30 | December 24 | 270 |
| 1993 | March 30 | December 26 | 272 | March 30 | December 25 | 271 |
| 1994 | April 05 | December 29 | 269 | April 05 | December 30 | 270 |
| 1995 | March 24 | December 28 | 280 | March 24 | December 25 | 277 |
| 1996 | March 29 | December 27 | 274 | March 29 | December 25 | 272 |
| 1997 | April 2 | December 26 | 269 | April 2 | December 24 | 267 |
| 1998 | March 26 | December 27 | 277 | March 24 | December 28 | 280 |
| 1999 | March 31 | December 25 | 270 | March 30 | December 25 | 271 |

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
1999**

TABLE C1

(Previously TABLE 3C)

ST. LAWRENCE SEAWAY

| CLASS AND TYPE OF VESSEL | VESSEL TRANSITS | | | GROSS REGISTERED TONNAGE | CARGO TONNES | | | | | | | | | |
|--------------------------|--------------------|--------------|--------------|--------------------------|-------------------|-------------------|------------------|-------------------|---------------|---------------|------------------|----------------|-------------------|--------------|
| | Loaded | Ballast | Total | | Bulk | Coal | Grains | Govt. Aid | Con-tainers | General | Steel Slab | Total | % | |
| UPBOUND: | | | | | | | | | | | | | | |
| Ocean: | Cargo | 434 | 82 | 516 | 7 628 685 | 1 447 494 | - | 17 600 | - | 1 062 | 4 091 854 | 412 058 | 5 970 068 | 12.5 |
| | Barge | - | 5 | 5 | 11 175 | - | - | - | - | - | - | - | - | - |
| | Tanker | 129 | 7 | 136 | 1 082 568 | 1 072 289 | - | - | - | - | - | - | 1 072 289 | 2.2 |
| | Total Ocean | 563 | 94 | 657 | 8 722 428 | 2 519 783 | - | 17 600 | - | 1 062 | 4 091 854 | 412 058 | 7 042 357 | 14.7 |
| Laker: | Cargo | 659 | 225 | 884 | 13 670 999 | 14 474 292 | - | - | - | 800 | 34 984 | - | 14 510 076 | 30.3 |
| | Barge | 137 | 75 | 212 | 1 174 882 | 1 224 050 | - | - | - | - | 936 | - | 1 224 986 | 2.6 |
| | Tanker | 62 | 30 | 92 | 549 630 | 467 294 | - | - | - | - | - | - | 467 294 | 1.0 |
| | Total Laker | 858 | 330 | 1 188 | 15 395 511 | 16 165 636 | - | - | - | 800 | 35 920 | - | 16 202 356 | 33.9 |
| Non-Cargo | | - | 431 | 431 | 161 866 | - | - | - | - | - | - | - | - | - |
| Passenger | | 44 | 22 | 66 | 61 621 | - | - | - | - | - | - | - | - | - |
| Total Upbound | | 1 465 | 877 | 2 342 | 24 341 426 | 18 685 419 | - | 17 600 | - | 1 862 | 4 127 774 | 412 058 | 23 244 713 | 48.6 |
| DOWNBOUND: | | | | | | | | | | | | | | |
| Ocean: | Cargo | 431 | 74 | 505 | 7 468 480 | 550 342 | - | 5 923 567 | 80 692 | 4 035 | 37 580 | - | 6 596 216 | 13.8 |
| | Barge | 3 | 2 | 5 | 11 175 | 818 | - | - | - | - | - | - | 818 | 0.0 |
| | Tanker | 41 | 94 | 135 | 1 068 594 | 268 629 | - | - | - | - | - | - | 268 629 | 0.6 |
| | Total Ocean | 475 | 170 | 645 | 8 548 249 | 819 789 | - | 5 923 567 | 80 692 | 4 035 | 37 580 | - | 6 865 663 | 14.3 |
| Laker: | Cargo | 707 | 168 | 875 | 13 543 878 | 4 320 942 | 4 541 600 | 7 957 463 | - | 5 676 | - | - | 16 825 681 | 35.2 |
| | Barge | 75 | 135 | 210 | 1 189 824 | 352 175 | - | 185 981 | - | - | 320 | - | 538 476 | 1.1 |
| | Tanker | 49 | 43 | 92 | 553 772 | 384 830 | - | - | - | - | - | - | 384 830 | 0.8 |
| | Total Laker | 831 | 346 | 1 177 | 15 287 474 | 5 057 947 | 4 541 600 | 8 143 444 | - | 5 676 | 320 | - | 17 748 987 | 37.1 |
| Non-Cargo | | - | 422 | 422 | 138 566 | - | - | - | - | - | - | - | - | - |
| Passenger | | 45 | 25 | 70 | 66 055 | - | - | - | - | - | - | - | - | - |
| Total Downbound | | 1 351 | 963 | 2 314 | 24 040 344 | 5 877 736 | 4 541 600 | 14 067 011 | 80 692 | 9 711 | 37 900 | - | 24 614 650 | 51.4 |
| TOTALS: | | | | | | | | | | | | | | |
| Ocean: | Cargo | 865 | 156 | 1 021 | 15 097 165 | 1 997 836 | - | 5 941 167 | 80 692 | 5 097 | 4 129 434 | 412 058 | 12 566 284 | 26.3 |
| | Barge | 3 | 7 | 10 | 22 350 | 818 | - | - | - | - | - | - | 818 | 0.0 |
| | Tanker | 170 | 101 | 271 | 2 151 162 | 1 340 918 | - | - | - | - | - | - | 1 340 918 | 2.8 |
| | Total Ocean | 1 038 | 264 | 1 302 | 17 270 677 | 3 339 572 | - | 5 941 167 | 80 692 | 5 097 | 4 129 434 | 412 058 | 13 908 020 | 29.1 |
| Laker: | Cargo | 1 366 | 393 | 1 759 | 27 214 877 | 18 795 234 | 4 541 600 | 7 957 463 | - | 6 476 | 34 984 | - | 31 335 757 | 65.5 |
| | Barge | 212 | 210 | 422 | 2 364 706 | 1 576 225 | - | 185 981 | - | - | 1 256 | - | 1 763 462 | 3.7 |
| | Tanker | 111 | 73 | 184 | 1 103 402 | 852 124 | - | - | - | - | - | - | 852 124 | 1.8 |
| | Total Laker | 1 689 | 676 | 2 365 | 30 682 985 | 21 223 583 | 4 541 600 | 8 143 444 | - | 6 476 | 36 240 | - | 33 951 343 | 70.9 |
| Non-Cargo | | - | 853 | 853 | 300 432 | - | - | - | - | - | - | - | - | - |
| Passenger | | 89 | 47 | 136 | 127 676 | - | - | - | - | - | - | - | - | - |
| GRAND TOTAL | | 2 816 | 1 840 | 4 656 | 48 381 770 | 24 563 155 | 4 541 600 | 14 084 611 | 80 692 | 11 573 | 4 165 674 | 412 058 | 47 859 363 | 100.0 |

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1999**

TABLE C2

(Previously TABLE 9C)

ST. LAWRENCE SEAWAY

| COMMODITY | CARGO TONNES | | | | | | | | % of Total |
|-------------------------------------|-------------------|------------------|-------------------|---------------|---------------|------------------|----------------|-------------------|--------------|
| | Bulk | Coal | Grains | Govt. Aid | Con-tainers | General | Steel Slab | Total | |
| Wheat | - | - | 6 740 992 | 80 692 | - | - | - | 6 821 684 | 14.3 |
| Corn | - | - | 3 099 965 | - | - | - | - | 3 099 965 | 6.5 |
| Rye | - | - | - | - | - | - | - | - | - |
| Oats | - | - | 8 482 | - | - | - | - | 8 482 | 0.0 |
| Barley | - | - | 128 052 | - | - | - | - | 128 052 | 0.3 |
| Canola (Rapeseed) (1) | - | - | 346 074 | - | - | - | - | 346 074 | 0.7 |
| Canola Meal, Pellets (1) | - | - | 70 829 | - | - | - | - | 70 829 | 0.1 |
| Flour, Wheat & Other Edible | - | - | - | - | - | - | - | - | - |
| Soybeans | - | - | 2 524 092 | - | - | - | - | 2 524 092 | 5.3 |
| Soybean Oil Cake, Meal, Pellets | - | - | 194 121 | - | - | - | - | 194 121 | 0.4 |
| Beans and Peas | - | - | 471 111 | - | - | - | - | 471 111 | 1.0 |
| Flaxseed | - | - | 221 353 | - | - | - | - | 221 353 | 0.5 |
| Sunflower Seeds | - | - | 89 193 | - | - | - | - | 89 193 | 0.2 |
| Other Agricultural Products | 4 064 | - | 190 347 | - | 30 | - | - | 194 441 | 0.4 |
| Total Agricultural Products | 4 064 | - | 14 084 611 | 80 692 | 30 | - | - | 14 169 397 | 29.6 |
| Packing House Products, Edible | - | - | - | - | - | - | - | - | - |
| Hides, Skins, Pelts, Wool | - | - | - | - | 83 | - | - | 83 | 0.0 |
| Other Animal Products | 34 364 | - | - | - | 871 | - | - | 35 235 | 0.1 |
| Total Animal Products | 34 364 | - | - | - | 954 | - | - | 35 318 | 0.1 |
| Bituminous Coal | - | 4 541 600 | - | - | - | - | - | 4 541 600 | 9.5 |
| Coke | 741 737 | - | - | - | - | - | - | 741 737 | 1.5 |
| Iron Ore | 11 320 250 | - | - | - | - | - | - | 11 320 250 | 23.7 |
| Aluminum Ore and Concentrates | 161 787 | - | - | - | - | - | - | 161 787 | 0.3 |
| Clay and Bentonite | 176 461 | - | - | - | - | - | - | 176 461 | 0.4 |
| Gravel and Sand | 232 726 | - | - | - | - | - | - | 232 726 | 0.5 |
| Stone (2) | 860 287 | - | - | - | - | - | - | 860 287 | 1.8 |
| Salt | 2 173 791 | - | - | - | - | - | - | 2 173 791 | 4.5 |
| Potash (3) | 194 164 | - | - | - | - | - | - | 194 164 | 0.4 |
| Gypsum (3) | 555 122 | - | - | - | - | - | - | 555 122 | 1.2 |
| Asphalt (3) | 182 959 | - | - | - | - | - | - | 182 959 | 0.4 |
| Other Mine Products | 471 487 | - | - | - | 19 | - | - | 471 506 | 1.0 |
| Total Mine Products | 17 070 771 | 4 541 600 | - | - | 19 | - | - | 21 612 390 | 45.2 |
| Lumber (4) | 1 526 | - | - | - | - | - | - | 1 526 | 0.0 |
| Other Forest Products | - | - | - | - | - | - | - | - | - |
| Total Forest Products | 1 526 | - | - | - | - | - | - | 1 526 | 0.0 |
| Gasoline | 331 133 | - | - | - | - | - | - | 331 133 | 0.7 |
| Fuel Oil | 946 879 | - | - | - | - | - | - | 946 879 | 2.0 |
| Other Petroleum Products | 137 308 | - | - | - | - | - | - | 137 308 | 0.3 |
| Chemicals | 517 212 | - | - | - | 50 | 1 | - | 517 263 | 1.1 |
| Sodium Products | 151 377 | - | - | - | 315 | - | - | 151 692 | 0.3 |
| Tar, Pitch and Creosote | 66 905 | - | - | - | - | - | - | 66 905 | 0.1 |
| Pig Iron | 306 157 | - | - | - | - | - | - | 306 157 | 0.6 |
| Iron and Steel (5) | 113 | - | - | - | - | 3 905 883 | - | 3 905 996 | 8.2 |
| Steel Slab (5) | - | - | - | - | - | - | 412 058 | 412 058 | 0.9 |
| Machinery and Machines | 5 592 | - | - | - | 209 | 38 806 | - | 44 607 | 0.1 |
| Cement | 1 609 268 | - | - | - | - | - | - | 1 609 268 | 3.4 |
| Cement Clinker (6) | 1 400 128 | - | - | - | - | - | - | 1 400 128 | 2.9 |
| Woodpulp | 48 671 | - | - | - | - | - | - | 48 671 | 0.1 |
| Newsprint and Paper Products (7) | - | - | - | - | 475 | 9 050 | - | 9 525 | 0.0 |
| Syrup and Molasses | - | - | - | - | - | - | - | - | - |
| Sugar | 575 389 | - | - | - | - | - | - | 575 389 | 1.2 |
| Food Products | - | - | - | - | 967 | 4 | - | 971 | 0.0 |
| Furnace Slags (6) | 716 381 | - | - | - | - | - | - | 716 381 | 1.5 |
| Scrap Iron and Steel | 150 851 | - | - | - | - | - | - | 150 851 | 0.3 |
| Other Manufactures and Misc (8) | 489 066 | - | - | - | 8 554 | 211 930 | - | 709 550 | 1.5 |
| Total Manufactures and Misc. | 7 452 430 | - | - | - | 10 570 | 4 165 674 | 412 058 | 12 040 732 | 25.2 |
| GRAND TOTAL | 24 563 155 | 4 541 600 | 14 084 611 | 80 692 | 11 573 | 4 165 674 | 412 058 | 47 859 363 | 100.0 |

(1) Previously under Other Agricultural Products.

(2) Previously under two Stone categories: Ground or Crushed; Rough.

(3) Previously under Other Mine Products.

(4) Previously under Other Forest Products.

(5) Previously combined under Bars, Rods, Slab; Nails & Wire; Manufactured.

(6) Previously under Other Manufactures and Misc.

(7) Paper Products previously under Other Manufactures and Misc.

(8) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1999**

TABLE C3 - Part A

(Previously TABLE 10C - PART A)

ST. LAWRENCE SEAWAY

| NO. | COMMODITY | UPBOUND TONNES | | | | | | TOTAL UPBOUND | % OF TOTAL UP-BOUND |
|-----|-------------------------------------|----------------|---------------|---------------|---------------|-----------|---------------|---------------|---------------------|
| | | CANADA | | UNITED STATES | | FOREIGN | | | |
| | | Canada | United States | Canada | United States | Canada | United States | | |
| 1 | Wheat | - | - | - | - | - | - | - | - |
| 2 | Corn | - | - | - | - | - | - | - | - |
| 3 | Rye | - | - | - | - | - | - | - | - |
| 4 | Oats | - | - | - | - | - | - | - | - |
| 5 | Barley | - | - | - | - | - | - | - | - |
| 6 | Canola (Rapeseed) (1) | - | - | - | - | 17 600 | - | 17 600 | 0.1 |
| 7 | Canola Meal, Pellets (1) | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | 4 064 | - | 4 064 | 0.0 |
| 15 | Total Agricultural Products | - | - | - | - | 21 664 | - | 21 664 | 0.1 |
| 16 | Packing House Products, Edible | - | - | - | - | - | - | - | - |
| 17 | Hides, Skins, Pelts, Wool | - | - | - | - | - | - | - | - |
| 18 | Other Animal Products | - | - | - | - | - | - | - | - |
| 19 | Total Animal Products | - | - | - | - | - | - | - | - |
| 20 | Bituminous Coal | - | - | - | - | - | - | - | - |
| 21 | Coke | - | 80 526 | 12 401 | - | - | 18 520 | 111 447 | 0.5 |
| 22 | Iron Ore | 5 768 636 | 4 917 533 | - | - | - | - | 10 686 169 | 46.0 |
| 23 | Aluminum Ore and Concentrates | 26 291 | - | - | - | 64 689 | 50 061 | 141 041 | 0.6 |
| 24 | Clay and Bentonite | 800 | - | - | - | - | 2 252 | 3 052 | 0.0 |
| 25 | Gravel and Sand | - | - | - | - | 3 855 | 17 155 | 21 010 | 0.1 |
| 26 | Stone (2) | - | 546 334 | - | - | - | - | 546 334 | 2.4 |
| 27 | Salt | 18 891 | - | - | - | - | 3 991 | 22 882 | 0.1 |
| 28 | Potash (3) | - | - | - | - | - | - | - | - |
| 29 | Gypsum (3) | 555 122 | - | - | - | - | - | 555 122 | 2.4 |
| 30 | Asphalt (3) | - | 118 247 | - | - | - | - | 118 247 | 0.5 |
| 31 | Other Mine Products | 50 176 | 31 867 | - | - | 90 599 | 85 015 | 257 657 | 1.1 |
| 32 | Total Mine Products | 6 419 916 | 5 694 507 | 12 401 | - | 159 143 | 176 994 | 12 462 961 | 53.6 |
| 33 | Lumber (4) | - | - | - | - | - | - | - | - |
| 34 | Other Forest Products | - | - | - | - | - | - | - | - |
| 35 | Total Forest Products | - | - | - | - | - | - | - | - |
| 36 | Gasoline | 155 955 | 17 321 | 13 167 | - | 144 690 | - | 331 133 | 1.4 |
| 37 | Fuel Oil | 488 483 | 133 985 | - | - | - | - | 622 468 | 2.7 |
| 38 | Other Petroleum Products | 62 003 | 3 039 | - | - | - | - | 65 042 | 0.3 |
| 39 | Chemicals | - | - | 41 626 | - | 69 821 | 43 684 | 155 131 | 0.7 |
| 40 | Sodium Products | - | - | 140 590 | - | 10 787 | - | 151 377 | 0.7 |
| 41 | Tar, Pitch and Creosote | - | - | - | - | 21 518 | 12 681 | 34 199 | 0.1 |
| 42 | Pig Iron | 8 737 | 106 350 | - | - | 73 588 | 117 482 | 306 157 | 1.3 |
| 43 | Iron & Steel (5) | - | 559 | 15 238 | - | 1 083 444 | 2 787 905 | 3 887 146 | 16.7 |
| 44 | Steel Slab (5) | 17 078 | - | - | - | 234 653 | 160 327 | 412 058 | 1.8 |
| 45 | Machinery and Machines | 1 482 | - | - | - | 12 162 | 18 248 | 31 892 | 0.1 |
| 46 | Cement | - | 1 604 257 | - | - | 5 011 | - | 1 609 268 | 6.9 |
| 47 | Cement Clinker (6) | - | 1 300 861 | - | - | 99 267 | - | 1 400 128 | 6.0 |
| 48 | Woodpulp | - | - | - | - | - | 9 007 | 9 007 | 0.0 |
| 49 | Newsprint and Paper Products (7) | - | - | - | - | - | - | - | - |
| 50 | Syrup and Molasses | - | - | - | - | - | - | - | - |
| 51 | Sugar | 126 288 | - | - | - | 439 284 | 9 817 | 575 389 | 2.5 |
| 52 | Food Products | - | - | - | - | 435 | - | 435 | 0.0 |
| 53 | Furnace Slags (6) | 128 411 | 227 945 | - | - | 5 874 | 145 075 | 507 305 | 2.2 |
| 54 | Scrap Iron and Steel | - | 102 825 | - | - | - | 19 810 | 122 635 | 0.5 |
| 55 | Other Manufactures and Misc (8) | 180 208 | 33 292 | - | - | 239 297 | 86 521 | 539 318 | 2.3 |
| 56 | Total Manufactures and Misc. | 1 168 645 | 3 530 434 | 210 621 | - | 2 439 831 | 3 410 557 | 10 760 088 | 46.3 |
| 57 | GRAND TOTAL | 7 588 561 | 9 224 941 | 223 022 | - | 2 620 638 | 3 587 551 | 23 244 713 | 100.0 |

(1) Previously under Other Agricultural Products.

(2) Previously under two Stone categories: Ground or Crushed; Rough.

(3) Previously under Other Mine Products.

(4) Previously under Other Forest Products.

(5) Previously combined under Bars, Rods, Slab; Nails & Wire; Manufactured.

(6) Previously under Other Manufactures and Misc.

(7) Paper Products previously under Other Manufactures and Misc.

(8) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1999**

TABLE C3 - Part B

(Previously TABLE 10C - PART B)

ST. LAWRENCE SEAWAY

| From: | 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 | | | | | |
| To: | | | | | | | | | | | |
| | 3 952 471 | - | 1 244 029 | 119 621 | - | 1 505 563 | 6 821 684 | 27.7 | 6 821 684 | 14.3 | 1 |
| | 313 094 | - | 80 931 | 1 878 141 | - | 827 799 | 3 099 965 | 12.6 | 3 099 965 | 6.5 | 2 |
| | - | - | - | - | - | - | - | - | - | - | 3 |
| | - | - | 8 482 | - | - | - | 8 482 | 0.0 | 8 482 | 0.0 | 4 |
| | 15 792 | - | 69 703 | - | - | 42 557 | 128 052 | 0.5 | 128 052 | 0.3 | 5 |
| | 99 843 | - | 228 631 | - | - | - | 328 474 | 1.3 | 346 074 | 0.7 | 6 |
| | 4 792 | - | 66 037 | - | - | - | 70 829 | 0.3 | 70 829 | 0.1 | 7 |
| | - | - | - | - | - | - | - | - | - | - | 8 |
| | 228 669 | - | 155 343 | 1 419 000 | - | 721 080 | 2 524 092 | 10.3 | 2 524 092 | 5.3 | 9 |
| | 87 193 | - | 98 546 | 8 382 | - | - | 194 121 | 0.8 | 194 121 | 0.4 | 10 |
| | - | - | 459 705 | - | - | 11 406 | 471 111 | 1.9 | 471 111 | 1.0 | 11 |
| | - | - | 221 353 | - | - | - | 221 353 | 0.9 | 221 353 | 0.5 | 12 |
| | - | - | - | - | - | 89 193 | 89 193 | 0.4 | 89 193 | 0.2 | 13 |
| | 4 137 | - | 128 496 | - | - | 57 744 | 190 377 | 0.8 | 194 441 | 0.4 | 14 |
| | 4 705 991 | - | 2 761 256 | 3 425 144 | - | 3 255 342 | 14 147 733 | 57.5 | 14 169 397 | 29.6 | 15 |
| | - | - | - | - | - | - | - | - | - | - | 16 |
| | - | - | 83 | - | - | - | 83 | 0.0 | 83 | 0.0 | 17 |
| | - | - | 23 655 | - | - | 11 580 | 35 235 | 0.1 | 35 235 | 0.1 | 18 |
| | - | - | 23 738 | - | - | 11 580 | 35 318 | 0.1 | 35 318 | 0.1 | 19 |
| | 267 043 | - | - | 4 274 557 | - | - | 4 541 600 | 18.5 | 4 541 600 | 9.5 | 20 |
| | 115 095 | - | 48 390 | 387 627 | - | 79 178 | 630 290 | 2.6 | 741 737 | 1.5 | 21 |
| | - | - | - | 634 081 | - | - | 634 081 | 2.6 | 11 320 250 | 23.7 | 22 |
| | - | - | 10 018 | - | - | 10 728 | 20 746 | 0.1 | 161 787 | 0.3 | 23 |
| | - | - | - | 102 039 | - | 71 370 | 173 409 | 0.7 | 176 461 | 0.4 | 24 |
| | - | - | - | 211 716 | - | - | 211 716 | 0.9 | 232 726 | 0.5 | 25 |
| | 282 649 | - | 428 | 5 611 | - | 25 265 | 313 953 | 1.3 | 860 287 | 1.8 | 26 |
| | 1 771 316 | 379 593 | - | - | - | - | 2 150 909 | 8.7 | 2 173 791 | 4.5 | 27 |
| | 78 907 | 11 771 | 103 486 | - | - | - | 194 164 | 0.8 | 194 164 | 0.4 | 28 |
| | - | - | - | - | - | - | - | - | 555 122 | 1.2 | 29 |
| | 9 277 | - | - | 55 435 | - | - | 64 712 | 0.3 | 182 959 | 0.4 | 30 |
| | 123 930 | - | 3 431 | - | - | 86 488 | 213 849 | 0.9 | 471 506 | 1.0 | 31 |
| | 2 648 217 | 391 364 | 165 753 | 5 671 066 | - | 273 029 | 9 149 429 | 37.2 | 21 612 390 | 45.2 | 32 |
| | - | - | 1 526 | - | - | - | 1 526 | 0.0 | 1 526 | 0.0 | 33 |
| | - | - | - | - | - | - | - | - | - | - | 34 |
| | - | - | 1 526 | - | - | - | 1 526 | 0.0 | 1 526 | 0.0 | 35 |
| | - | - | - | - | - | - | - | - | 331 133 | 0.7 | 36 |
| | 301 110 | 6 734 | - | 16 567 | - | - | 324 411 | 1.3 | 946 879 | 2.0 | 37 |
| | 20 353 | 17 730 | 34 183 | - | - | - | 72 266 | 0.3 | 137 308 | 0.3 | 38 |
| | 108 063 | 51 975 | 136 790 | 57 123 | 8 181 | - | 362 132 | 1.5 | 517 263 | 1.1 | 39 |
| | - | - | 315 | - | - | - | 315 | 0.0 | 151 692 | 0.3 | 40 |
| | 20 393 | - | - | 2 174 | - | 10 139 | 32 706 | 0.1 | 66 905 | 0.1 | 41 |
| | - | - | - | - | - | - | - | - | 306 157 | 0.6 | 42 |
| | 113 | - | 15 946 | - | - | 2 791 | 18 850 | 0.1 | 3 905 996 | 8.2 | 43 |
| | - | - | - | - | - | - | - | - | 412 058 | 0.9 | 44 |
| | 4 110 | - | 8 051 | - | - | 554 | 12 715 | 0.1 | 44 607 | 0.1 | 45 |
| | - | - | - | - | - | - | - | - | 1 609 268 | 3.4 | 46 |
| | - | - | - | - | - | - | - | - | 1 400 128 | 2.9 | 47 |
| | - | - | 28 121 | - | - | 11 543 | 39 664 | 0.2 | 48 671 | 0.1 | 48 |
| | - | - | 9 525 | - | - | - | 9 525 | 0.0 | 9 525 | 0.0 | 49 |
| | - | - | - | - | - | - | - | - | - | - | 50 |
| | - | - | - | - | - | - | - | - | 575 389 | 1.2 | 51 |
| | - | - | 536 | - | - | - | 536 | 0.0 | 971 | 0.0 | 52 |
| | 85 520 | - | - | 123 556 | - | - | 209 076 | 0.8 | 716 381 | 1.5 | 53 |
| | 14 622 | - | 13 594 | - | - | - | 28 216 | 0.1 | 150 851 | 0.3 | 54 |
| | 37 157 | - | 16 555 | 115 390 | 2 | 1 128 | 170 232 | 0.7 | 709 550 | 1.5 | 55 |
| | 591 441 | 76 439 | 263 616 | 314 810 | 8 183 | 26 155 | 1 280 644 | 5.2 | 12 040 732 | 25.2 | 56 |
| | 7 945 649 | 467 803 | 3 215 889 | 9 411 020 | 8 183 | 3 566 106 | 24 614 650 | 100.0 | 47 859 363 | 100.0 | 57 |

**TRAFFIC BY MAJOR 25 CANADIAN PORTS
1999**

TABLE C4

(Previously TABLE 11C)

ST. LAWRENCE SEAWAY

| PORT OR AREA (2) | SHIP- MENTS | CARGO TONNES (1) | | | | | | | | Total | % |
|-----------------------|----------------|-------------------|------------------|-------------------|---------------|-----------------|------------------|----------------|-------------------|--------------|---|
| | | Bulk | Coal | Grains | Govt. Aid | Con- tainers | General | Steel Slab | | | |
| INBOUND: | | | | | | | | | | | |
| Hamilton | 535 | 7 055 506 | 2 619 886 | 85 116 | - | 24 | 436 482 | 234 653 | 10 431 667 | 18.7 | |
| Port Cartier | 106 | 490 164 | - | 2 120 563 | - | - | - | - | 2 610 727 | 4.7 | |
| Baie Comeau | 93 | 20 819 | - | 2 237 701 | - | - | - | - | 2 258 520 | 4.0 | |
| Montreal | 73 | 345 005 | 81 044 | 936 306 | - | - | - | - | 1 362 355 | 2.4 | |
| Quebec City | 66 | 104 046 | 26 104 | 1 231 095 | - | - | - | - | 1 361 245 | 2.4 | |
| Toronto | 92 | 1 051 058 | 23 514 | - | - | 501 | 147 928 | - | 1 223 001 | 2.2 | |
| Clarkson | 52 | 576 149 | 155 006 | - | - | - | - | - | 731 155 | 1.3 | |
| Port Credit | 30 | - | 713 515 | - | - | - | - | - | 713 515 | 1.3 | |
| Cote-Ste-Catherine | 52 | 525 946 | 79 905 | - | - | 982 | 53 829 | - | 660 662 | 1.2 | |
| Windsor | 63 | 124 922 | - | 17 600 | - | - | 410 383 | - | 552 905 | 1.0 | |
| Sorel | 25 | - | - | 516 804 | - | - | - | - | 516 804 | 0.9 | |
| Bowmanville | 22 | 309 124 | 201 307 | - | - | - | - | - | 510 431 | 0.9 | |
| Nanticoke | 28 | 428 101 | - | - | - | - | - | - | 428 101 | 0.8 | |
| Oakville | 39 | 337 720 | - | - | - | - | - | - | 337 720 | 0.6 | |
| Lakeview | 13 | - | 313 926 | - | - | - | - | - | 313 926 | 0.6 | |
| Oshawa | 41 | 122 733 | - | - | - | - | 172 122 | - | 294 855 | 0.5 | |
| Pointe Noire | 11 | 263 775 | - | - | - | - | - | - | 263 775 | 0.5 | |
| Port Colborne | 15 | - | - | 252 824 | - | - | - | - | 252 824 | 0.5 | |
| Picton | 11 | 107 733 | 143 172 | - | - | - | - | - | 250 905 | 0.4 | |
| Halifax | 11 | - | 24 689 | 224 579 | - | - | - | - | 249 268 | 0.4 | |
| Trois Rivieres | 19 | 19 894 | 23 501 | 192 991 | - | - | - | - | 236 386 | 0.4 | |
| Morrisburg | 15 | 216 186 | - | - | - | - | - | - | 216 186 | 0.4 | |
| Johnstown | 8 | 199 177 | - | - | - | - | - | - | 199 177 | 0.4 | |
| Valleyfield | 23 | 176 122 | - | - | - | - | - | - | 176 122 | 0.3 | |
| Thorold | 14 | 171 817 | - | 177 | - | - | - | - | 171 994 | 0.3 | |
| Other Canada | 171 | 1 045 400 | 136 031 | 332 979 | - | 6 744 | 560 | - | 1 521 714 | 2.7 | |
| Total Inbound | 1 628 | 13 691 397 | 4 541 600 | 8 148 735 | - | 8 251 | 1 221 304 | 234 653 | 27 845 940 | 49.9 | |
| OUTBOUND: | | | | | | | | | | | |
| Thunder Bay | 320 | 247 398 | 195 867 | 5 791 131 | - | - | 5 054 | - | 6 239 450 | 11.2 | |
| Pointe Noire | 173 | 4 375 176 | - | - | - | - | - | - | 4 375 176 | 7.8 | |
| Sept-Iles | 130 | 3 169 156 | - | - | - | - | 27 822 | - | 3 196 978 | 5.7 | |
| Port Cartier | 84 | 2 189 067 | - | - | - | - | - | - | 2 189 067 | 3.9 | |
| Quebec City | 59 | 1 387 715 | - | - | - | - | - | - | 1 387 715 | 2.5 | |
| Bowmanville | 119 | 1 259 325 | - | - | - | - | - | - | 1 259 325 | 2.3 | |
| Windsor | 75 | 834 144 | - | 375 471 | - | - | - | - | 1 209 615 | 2.2 | |
| Goderich | 48 | 828 149 | - | 129 881 | - | - | - | - | 958 030 | 1.7 | |
| Hamilton | 73 | 563 660 | 23 501 | 337 197 | - | - | 19 527 | - | 943 885 | 1.7 | |
| Sarnia | 68 | 242 880 | - | 414 037 | 69 469 | - | - | - | 726 386 | 1.3 | |
| Montreal | 92 | 725 205 | - | - | - | - | 181 | - | 725 386 | 1.3 | |
| Bath | 63 | 517 299 | - | - | - | - | - | - | 517 299 | 0.9 | |
| Picton | 37 | 508 416 | - | - | - | - | - | - | 508 416 | 0.9 | |
| Port Colborne | 35 | 491 554 | - | 16 334 | - | - | - | - | 507 888 | 0.9 | |
| Meldrum Bay | 16 | 406 579 | - | - | - | - | - | - | 406 579 | 0.7 | |
| Clarkson | 29 | 338 986 | - | - | - | - | - | - | 338 986 | 0.6 | |
| Little Narrows | 14 | 287 707 | - | - | - | - | - | - | 287 707 | 0.5 | |
| Halifax | 12 | 252 196 | - | - | - | - | - | - | 252 196 | 0.5 | |
| Nanticoke | 25 | 180 707 | 47 675 | 11 985 | - | - | - | - | 240 367 | 0.4 | |
| Prescott | 11 | 22 739 | - | 197 890 | 11 223 | - | - | - | 231 852 | 0.4 | |
| Sorel | 20 | 165 092 | - | - | - | - | - | 17 078 | 182 170 | 0.3 | |
| Sault Ste. Marie | 14 | 167 136 | - | - | - | - | - | - | 167 136 | 0.3 | |
| Come-by-chance | 16 | 119 825 | - | - | - | - | - | - | 119 825 | 0.2 | |
| Amherstburg | 14 | 103 765 | - | - | - | - | - | - | 103 765 | 0.2 | |
| Contrecoeur | 4 | 103 415 | - | - | - | - | - | - | 103 415 | 0.2 | |
| Other Canada | 141 | 640 726 | - | 112 599 | - | 10 693 | 9 801 | - | 773 819 | 1.4 | |
| Total Outbound | 1 692 | 20 128 017 | 267 043 | 7 386 525 | 80 692 | 10 693 | 62 385 | 17 078 | 27 952 433 | 50.1 | |
| GRAND TOTAL | 3 320 | 33 819 414 | 4 808 643 | 15 535 260 | 80 692 | 18 944 | 1 283 689 | 251 731 | 55 798 373 | 100.0 | |

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

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

**TRAFFIC BY MAJOR 25 UNITED STATES PORTS
1999**

TABLE C5

(Previously TABLE 12C)

ST. LAWRENCE SEAWAY

| PORT OR AREA (2) | SHIP- MENTS | CARGO TONNES (1) | | | | | | | | Total | % |
|--------------------------|----------------|-------------------|------------------|------------------|--------------|-----------------|------------------|----------------|-------------------|--------------|---|
| | | Bulk | Coal | Grains | Govt. Aid | Con- tainers | General | Steel Slab | | | |
| INBOUND: | | | | | | | | | | | |
| Detroit | 251 | 2 372 080 | - | - | - | - | 792 402 | 71 994 | 3 236 476 | 12.0 | |
| Cleveland | 274 | 1 432 200 | - | - | - | 14 | 648 470 | 17 562 | 2 098 246 | 7.8 | |
| Burns Harbor | 129 | 1 262 688 | - | - | - | 258 | 629 290 | 87 643 | 1 979 879 | 7.4 | |
| Chicago | 93 | 887 989 | - | - | - | - | 345 748 | - | 1 233 737 | 4.6 | |
| Ashtabula | 50 | 1 005 896 | - | - | - | - | 15 248 | - | 1 021 144 | 3.8 | |
| Indiana Harbour | 32 | 806 365 | - | - | - | - | - | - | 806 365 | 3.0 | |
| Oswego | 64 | 559 428 | - | - | - | - | 43 368 | - | 602 796 | 2.2 | |
| Essexville | 24 | 511 734 | - | - | - | - | - | - | 511 734 | 1.9 | |
| Toledo | 67 | 158 883 | - | - | - | - | 237 467 | 206 | 396 556 | 1.5 | |
| Duluth | 31 | 290 202 | - | - | - | 53 | 19 786 | - | 310 041 | 1.2 | |
| Lorain | 7 | 163 328 | - | - | - | - | - | - | 163 328 | 0.6 | |
| Milwaukee | 40 | 24 024 | - | - | - | 30 | 137 680 | - | 161 734 | 0.6 | |
| Marinette | 16 | 152 703 | - | - | - | - | - | - | 152 703 | 0.6 | |
| Buffalo | 23 | 142 271 | - | - | - | - | 3 282 | - | 145 553 | 0.5 | |
| Ogdensburg | 5 | 127 581 | - | - | - | - | - | - | 127 581 | 0.5 | |
| Green Bay | 14 | 75 170 | - | - | - | - | - | - | 75 170 | 0.3 | |
| Gary | 4 | 25 457 | - | - | - | - | 24 230 | - | 49 687 | 0.2 | |
| Lake Huron (n.o.s.) | 1 | 26 014 | - | - | - | - | - | - | 26 014 | 0.1 | |
| Whitefish River | 1 | 25 035 | - | - | - | - | - | - | 25 035 | 0.1 | |
| Ferrysburg | 1 | 17 173 | - | - | - | - | - | - | 17 173 | 0.1 | |
| Erie | 3 | 5 034 | - | - | - | - | 8 138 | - | 13 172 | 0.0 | |
| Bay City | 1 | 8 675 | - | - | - | - | - | - | 8 675 | 0.0 | |
| Traverse City | 1 | 8 646 | - | - | - | - | - | - | 8 646 | 0.0 | |
| Menominee | 2 | 7 000 | - | - | - | - | - | - | 7 000 | 0.0 | |
| Lake Superior (n.o.s.) | 1 | 5 093 | - | - | - | - | - | - | 5 093 | 0.0 | |
| Other U.S.A. Ports | 19 | 46 209 | - | - | - | - | 1 681 | - | 47 890 | 0.2 | |
| Total Inbound | 1 154 | 10 146 878 | - | - | - | 355 | 2 906 790 | 177 405 | 13 231 428 | 49.1 | |
| OUTBOUND: | | | | | | | | | | | |
| Duluth | 273 | 309 787 | - | 4 778 132 | - | - | - | - | 5 087 919 | 18.9 | |
| Toledo | 120 | 164 458 | 873 769 | 1 409 644 | - | - | - | - | 2 447 871 | 9.1 | |
| Conneaut | 47 | 18 756 | 1 144 341 | - | - | - | - | - | 1 163 097 | 4.3 | |
| Ashtabula | 49 | 34 773 | 1 116 731 | - | - | - | 495 | - | 1 151 999 | 4.3 | |
| Sandusky | 44 | - | 1 139 716 | - | - | - | - | - | 1 139 716 | 4.2 | |
| Superior | 21 | 477 396 | - | 37 175 | - | - | - | - | 514 571 | 1.9 | |
| Burns Harbor | 15 | 26 825 | 257 756 | - | - | - | 110 | - | 284 691 | 1.1 | |
| Gary | 11 | 273 964 | - | - | - | - | - | - | 273 964 | 1.0 | |
| Cleveland | 20 | 252 208 | - | - | - | - | - | - | 252 208 | 0.9 | |
| Milwaukee | 16 | 69 261 | - | 174 692 | - | - | 507 | - | 244 460 | 0.9 | |
| Fairport City | 10 | 215 626 | - | - | - | - | - | - | 215 626 | 0.8 | |
| Detroit | 26 | 158 349 | - | - | - | - | 2 791 | - | 161 140 | 0.6 | |
| Ferrysburg | 9 | 154 448 | - | - | - | - | - | - | 154 448 | 0.6 | |
| Chicago | 7 | 153 750 | - | - | - | - | - | - | 153 750 | 0.6 | |
| Port Inland | 4 | 66 595 | - | - | - | - | - | - | 66 595 | 0.2 | |
| Manistee | 5 | 40 559 | - | - | - | - | - | - | 40 559 | 0.2 | |
| Ludington | 5 | 30 014 | - | - | - | - | - | - | 30 014 | 0.1 | |
| Taconite Harbor | 1 | - | - | 18 495 | - | - | - | - | 18 495 | 0.1 | |
| Menominee | 4 | 11 543 | - | - | - | - | 50 | - | 11 593 | 0.0 | |
| Green Bay | 3 | 11 580 | - | - | - | - | - | - | 11 580 | 0.0 | |
| Buffalo | 2 | 10 728 | - | - | - | - | - | - | 10 728 | 0.0 | |
| Ogdensburg | 2 | 3 066 | - | 1 614 | - | - | - | - | 4 680 | 0.0 | |
| Lake Ontario (n.o.s.) | 1 | 3 394 | - | - | - | - | - | - | 3 394 | 0.0 | |
| Port Huron | 1 | - | - | 2 978 | - | - | - | - | 2 978 | 0.0 | |
| St. Clair River (n.o.s.) | 1 | - | - | - | - | - | 320 | - | 320 | 0.0 | |
| Other U.S.A. Ports | 24 | 237 107 | - | - | - | - | 15 238 | - | 252 345 | 0.9 | |
| Total Outbound | 721 | 2 724 187 | 4 532 313 | 6 422 730 | - | 355 | 19 511 | - | 13 698 741 | 50.9 | |
| GRAND TOTAL | 1 875 | 12 871 065 | 4 532 313 | 6 422 730 | - | 355 | 2 926 301 | 177 405 | 26 930 169 | 100.0 | |

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

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

TRAFFIC RESULTS
1980 - 1999

TABLE C6

(Previously HISTORICAL TABLE 14C)

ST. LAWRENCE SEAWAY

| YEAR | VESSEL TRANSITS | | | CARGO TONNES | | | GROSS REGISTERED TONNAGE | | |
|--------------|-----------------|---------------|---------------|--------------------|--------------------|----------------------|--------------------------|--------------------|----------------------|
| | Upbound | Downbound | Total | Upbound | Downbound | Total | Upbound | Downbound | Total |
| 1980 | 3 668 | 3 628 | 7 296 | 17 198 910 | 49 762 221 | 66 961 131 | 40 095 126 | 40 008 744 | 80 103 870 |
| 1981 | 3 320 | 3 290 | 6 610 | 20 988 836 | 43 692 918 | 64 681 754 | 36 274 961 | 35 958 648 | 72 233 609 |
| 1982 | 2 896 | 2 914 | 5 810 | 11 930 217 | 42 564 225 | 54 494 442 | 33 905 366 | 34 068 116 | 67 973 482 |
| 1983 | 2 629 | 2 611 | 5 240 | 16 799 443 | 39 181 910 | 55 981 353 | 32 256 617 | 31 755 291 | 64 011 908 |
| 1984 | 2 681 | 2 641 | 5 322 | 19 984 880 | 40 944 288 | 60 929 168 | 34 056 771 | 33 342 809 | 67 399 580 |
| 1985 | 2 243 | 2 185 | 4 428 | 16 307 416 | 32 246 874 | 48 554 290 | 27 953 450 | 27 039 682 | 54 993 132 |
| 1986 | 2 344 | 2 258 | 4 602 | 16 306 485 | 32 264 732 | 48 571 217 | 28 865 047 | 28 050 099 | 56 915 146 |
| 1987 | 2 351 | 2 238 | 4 589 | 18 647 923 | 32 005 339 | 50 653 262 | 28 772 497 | 27 518 198 | 56 290 695 |
| 1988 | 2 320 | 2 260 | 4 580 | 20 543 989 | 31 933 347 | 52 477 336 | 28 251 634 | 27 442 545 | 55 694 179 |
| 1989 | 2 100 | 2 083 | 4 183 | 19 415 461 | 28 946 228 | 48 361 689 | 25 218 762 | 25 219 816 | 50 438 578 |
| 1990 | 2 164 | 2 126 | 4 290 | 19 758 502 | 28 648 369 | 48 406 871 | 25 068 643 | 24 536 448 | 49 605 091 |
| 1991 | 2 152 | 2 103 | 4 255 | 14 574 623 | 30 612 638 | 45 187 261 | 25 319 458 | 24 528 868 | 49 848 326 |
| 1992 | 1 935 | 1 903 | 3 838 | 16 179 879 | 26 156 107 | 42 335 986 | 22 741 885 | 22 357 721 | 45 099 606 |
| 1993 | 1 787 | 1 763 | 3 550 | 19 693 203 | 21 291 668 | 40 984 871 | 20 942 313 | 20 435 090 | 41 377 403 |
| 1994 | 2 045 | 2 014 | 4 059 | 24 429 448 | 24 461 658 | 48 891 106 | 24 388 400 | 23 936 121 | 48 324 521 |
| 1995 | 1 969 | 1 899 | 3 868 | 20 485 138 | 27 638 877 | 48 124 015 | 24 896 719 | 23 870 958 | 48 767 677 |
| 1996 | 2 015 | 1 938 | 3 953 | 24 319 878 | 25 619 327 | 49 939 205 | 25 974 980 | 24 572 584 | 50 547 564 |
| 1997 | 2 051 | 2 010 | 4 061 | 22 390 130 | 26 562 765 | 48 952 895 | 25 372 516 | 24 402 455 | 49 774 971 |
| 1998 | 2 209 | 2 157 | 4 366 | 26 183 719 | 24 947 562 | 51 131 281 | 27 072 903 | 26 285 213 | 53 358 116 |
| 1999 | 2 342 | 2 314 | 4 656 | 23 244 713 | 24 614 650 | 47 859 363 | 24 341 426 | 24 040 344 | 48 381 770 |
| TOTAL | 47 221 | 46 335 | 93 556 | 389 382 793 | 634 095 703 | 1 023 478 496 | 561 769 474 | 549 369 750 | 1 111 139 224 |

**CARGO BY TARIFF CLASSIFICATION
1980 - 1999**

TABLE C7

(Previously HISTORICAL TABLE 15C)

ST. LAWRENCE SEAWAY

| YEAR | BULK | | COAL | | GRAINS | | GOVT. AID | | CONTAINERS | | GENERAL | | STEEL SLAB | | TOTAL | |
|--------------|--------------------|-------------|------------------|------------|--------------------|-------------|------------------|------------|----------------|------------|-------------------|------------|----------------|------------|----------------------|--------------|
| | Tonnes | % | TONNES | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 35 592 415 | 53.1 | N/A | - | 28 576 609 | 42.6 | 168 209 | 0.3 | 166 055 | 0.2 | 2 513 429 | 3.8 | N/A | - | 67 016 717 | 100.0 |
| 1981 | 34 868 589 | 53.9 | N/A | - | 26 119 711 | 40.3 | 242 632 | 0.4 | 64 746 | 0.1 | 3 420 579 | 5.3 | N/A | - | 64 716 257 | 100.0 |
| 1982 | 25 142 525 | 46.1 | N/A | - | 25 797 364 | 47.3 | 292 456 | 0.5 | 78 478 | 0.2 | 3 183 619 | 5.9 | N/A | - | 54 494 442 | 100.0 |
| 1983 | 26 969 832 | 48.2 | N/A | - | 25 372 045 | 45.3 | 294 379 | 0.5 | 60 073 | 0.1 | 3 285 024 | 5.9 | N/A | - | 55 981 353 | 100.0 |
| 1984 | 31 203 330 | 51.2 | N/A | - | 24 556 241 | 40.3 | 231 107 | 0.4 | 140 684 | 0.2 | 4 797 806 | 7.9 | N/A | - | 60 929 168 | 100.0 |
| 1985 | 26 827 670 | 55.3 | N/A | - | 17 418 609 | 35.9 | 261 917 | 0.5 | 113 671 | 0.2 | 3 932 423 | 8.1 | N/A | - | 48 554 290 | 100.0 |
| 1986 | 27 156 533 | 55.9 | N/A | - | 17 175 451 | 35.4 | 227 670 | 0.5 | 59 943 | 0.1 | 3 951 620 | 8.1 | N/A | - | 48 571 217 | 100.0 |
| 1987 | 27 187 830 | 53.7 | N/A | - | 19 208 840 | 37.9 | 211 044 | 0.4 | 42 945 | 0.1 | 4 002 603 | 7.9 | N/A | - | 50 653 262 | 100.0 |
| 1988 | 31 646 241 | 60.3 | N/A | - | 16 138 512 | 30.7 | 87 456 | 0.2 | 38 853 | 0.1 | 4 566 274 | 8.7 | N/A | - | 52 477 336 | 100.0 |
| 1989 | 31 552 895 | 65.2 | N/A | - | 12 196 741 | 25.2 | 168 750 | 0.4 | 31 728 | 0.1 | 4 411 575 | 9.1 | N/A | - | 48 361 689 | 100.0 |
| 1990 | 31 700 610 | 65.5 | N/A | - | 12 841 740 | 26.5 | 87 737 | 0.2 | 23 918 | 0.0 | 3 752 866 | 7.8 | N/A | - | 48 406 871 | 100.0 |
| 1991 | 25 478 640 | 56.4 | N/A | - | 16 010 432 | 35.4 | 159 449 | 0.4 | 20 472 | 0.0 | 3 518 268 | 7.8 | N/A | - | 45 187 261 | 100.0 |
| 1992 | 26 076 870 | 61.6 | N/A | - | 12 856 280 | 30.3 | 89 273 | 0.2 | 23 577 | 0.1 | 3 289 986 | 7.8 | N/A | - | 42 335 986 | 100.0 |
| 1993 | 25 259 176 | 61.6 | N/A | - | 11 278 837 | 27.5 | 54 905 | 0.1 | 29 636 | 0.1 | 4 362 317 | 10.7 | N/A | - | 40 984 871 | 100.0 |
| 1994 | 28 030 480 | 57.3 | N/A | - | 13 787 626 | 28.2 | 54 768 | 0.1 | 17 799 | 0.0 | 7 000 433 | 14.3 | N/A | - | 48 891 106 | 100.0 |
| 1995 | 28 188 111 | 58.6 | N/A | - | 15 158 613 | 31.5 | 35 964 | 0.1 | 25 060 | 0.1 | 4 716 267 | 9.8 | N/A | - | 48 124 015 | 100.0 |
| 1996 | 31 240 673 | 62.6 | N/A | - | 12 788 770 | 25.6 | - | - | 15 075 | 0.0 | 5 894 687 | 11.8 | N/A | - | 49 939 205 | 100.0 |
| 1997 | 29 965 961 | 61.2 | N/A | - | 13 862 565 | 28.3 | - | - | 11 816 | 0.0 | 5 112 553 | 10.5 | N/A | - | 48 952 895 | 100.0 |
| 1998 | 30 638 868 | 59.9 | N/A | - | 13 452 842 | 26.3 | 30 828 | 0.1 | 5 211 | 0.0 | 7 003 532 | 13.7 | N/A | - | 51 131 281 | 100.0 |
| 1999 | 24 563 155 | 51.3 | 4 541 600 | 9.5 | 14 084 611 | 29.4 | 80 692 | 0.2 | 11 573 | 0.0 | 4 165 674 | 8.7 | 412 058 | 0.9 | 47 859 363 | 100.0 |
| TOTAL | 579 290 404 | 56.6 | 4 541 600 | 0.4 | 348 682 439 | 34.1 | 2 779 236 | 0.3 | 981 313 | 0.1 | 86 881 535 | 8.5 | 412 058 | 0.0 | 1 023 568 585 | 100.0 |

PART III

ST. LAWRENCE SEAWAY

TOLL TRAFFIC

FOR THE

MONTREAL / LAKE ONTARIO SECTION

**TRAFFIC BY CLASS AND TYPE OF VESSEL
1999**

TABLE M1

(Previously TABLE 3M)

MONTREAL / LAKE ONTARIO SECTION

| CLASS AND TYPE OF VESSEL | VESSEL TRANSITS | | | GROSS REGISTERED TONNAGE | CARGO TONNES | | | | | | | | |
|--------------------------|-----------------|--------------|--------------|--------------------------|-------------------|----------------|-------------------|---------------|---------------|------------------|----------------|-------------------|--------------|
| | Loaded | Ballast | Total | | Bulk | Coal | Grains | Govt. Aid | Con-tainers | General | Steel Slab | Total | % |
| UPBOUND: | | | | | | | | | | | | | |
| Ocean: Cargo | 434 | 67 | 501 | 7 439 632 | 1 447 494 | - | 17 600 | - | 1 062 | 4 091 854 | 412 058 | 5 970 068 | 16.4 |
| Barge | - | 5 | 5 | 11 175 | - | - | - | - | - | - | - | - | - |
| Tanker | 129 | 6 | 135 | 1 068 594 | 1 053 093 | - | - | - | - | - | - | 1 053 093 | 2.9 |
| Total Ocean | 563 | 78 | 641 | 8 519 401 | 2 500 587 | - | 17 600 | - | 1 062 | 4 091 854 | 412 058 | 7 023 161 | 19.3 |
| Laker: Cargo | 498 | 82 | 580 | 9 489 143 | 12 112 483 | - | - | - | 800 | 34 984 | - | 12 148 267 | 33.4 |
| Barge | 16 | 36 | 52 | 132 804 | 68 615 | - | - | - | - | 181 | - | 68 796 | 0.2 |
| Tanker | 48 | 24 | 72 | 436 909 | 353 892 | - | - | - | - | - | - | 353 892 | 1.0 |
| Total Laker | 562 | 142 | 704 | 10 058 856 | 12 534 990 | - | - | - | 800 | 35 165 | - | 12 570 955 | 34.5 |
| Non-Cargo | - | 183 | 183 | 52 867 | - | - | - | - | - | - | - | - | - |
| Passenger | 41 | 21 | 62 | 56 661 | - | - | - | - | - | - | - | - | - |
| Total Upbound | 1 166 | 424 | 1 590 | 18 687 785 | 15 035 577 | - | 17 600 | - | 1 862 | 4 127 019 | 412 058 | 19 594 116 | 53.8 |
| DOWNBOUND: | | | | | | | | | | | | | |
| Ocean: Cargo | 431 | 70 | 501 | 7 429 624 | 550 342 | - | 5 923 390 | 80 692 | 4 035 | 37 580 | - | 6 596 039 | 18.1 |
| Barge | 3 | 2 | 5 | 11 175 | 818 | - | - | - | - | - | - | 818 | 0.0 |
| Tanker | 40 | 95 | 135 | 1 068 594 | 266 715 | - | - | - | - | - | - | 266 715 | 0.7 |
| Total Ocean | 474 | 167 | 641 | 8 509 393 | 817 875 | - | 5 923 390 | 80 692 | 4 035 | 37 580 | - | 6 863 572 | 18.8 |
| Laker: Cargo | 413 | 166 | 579 | 9 480 500 | 1 707 678 | 266 364 | 7 611 454 | - | 5 676 | - | - | 9 591 172 | 26.3 |
| Barge | 31 | 18 | 49 | 136 017 | 109 332 | - | 400 | - | - | - | - | 109 732 | 0.3 |
| Tanker | 27 | 43 | 70 | 423 706 | 253 019 | - | - | - | - | - | - | 253 019 | 0.7 |
| Total Laker | 471 | 227 | 698 | 10 040 223 | 2 070 029 | 266 364 | 7 611 854 | - | 5 676 | - | - | 9 953 923 | 27.3 |
| Non-Cargo | - | 173 | 173 | 52 747 | - | - | - | - | - | - | - | - | - |
| Passenger | 42 | 24 | 66 | 61 077 | - | - | - | - | - | - | - | - | - |
| Total Downbound | 987 | 591 | 1 578 | 18 663 440 | 2 887 904 | 266 364 | 13 535 244 | 80 692 | 9 711 | 37 580 | - | 16 817 495 | 46.2 |
| TOTALS: | | | | | | | | | | | | | |
| Ocean: Cargo | 865 | 137 | 1 002 | 14 869 256 | 1 997 836 | - | 5 940 990 | 80 692 | 5 097 | 4 129 434 | 412 058 | 12 566 107 | 34.5 |
| Barge | 3 | 7 | 10 | 22 350 | 818 | - | - | - | - | - | - | 818 | 0.0 |
| Tanker | 169 | 101 | 270 | 2 137 188 | 1 319 808 | - | - | - | - | - | - | 1 319 808 | 3.6 |
| Total Ocean | 1 037 | 245 | 1 282 | 17 028 794 | 3 318 462 | - | 5 940 990 | 80 692 | 5 097 | 4 129 434 | 412 058 | 13 886 733 | 38.1 |
| Laker: Cargo | 911 | 248 | 1 159 | 18 969 643 | 13 820 161 | 266 364 | 7 611 454 | - | 6 476 | 34 984 | - | 21 739 439 | 59.7 |
| Barge | 47 | 54 | 101 | 268 821 | 177 947 | - | 400 | - | - | 181 | - | 178 528 | 0.5 |
| Tanker | 75 | 67 | 142 | 860 615 | 606 911 | - | - | - | - | - | - | 606 911 | 1.7 |
| Total Laker | 1 033 | 369 | 1 402 | 20 099 079 | 14 605 019 | 266 364 | 7 611 854 | - | 6 476 | 35 165 | - | 22 524 878 | 61.9 |
| Non-Cargo | - | 356 | 356 | 105 614 | - | - | - | - | - | - | - | - | - |
| Passenger | 83 | 45 | 128 | 117 738 | - | - | - | - | - | - | - | - | - |
| GRAND TOTAL | 2 153 | 1 015 | 3 168 | 37 351 225 | 17 923 481 | 266 364 | 13 552 844 | 80 692 | 11 573 | 4 164 599 | 412 058 | 36 411 611 | 100.0 |

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1999**

TABLE M2

(Previously TABLE 9M)

MONTREAL / LAKE ONTARIO SECTION

| COMMODITY | CARGO TONNES | | | | | | | | % OF TOTAL |
|-------------------------------------|-------------------|----------------|-------------------|---------------|---------------|------------------|----------------|-------------------|--------------|
| | Bulk | Coal | Grains | Govt. Aid | Con-tainers | General | Steel Slab | Total | |
| Wheat | - | - | 6 367 521 | 80 692 | - | - | - | 6 448 213 | 17.7 |
| Corn | - | - | 3 026 785 | - | - | - | - | 3 026 785 | 8.3 |
| Rye | - | - | - | - | - | - | - | - | - |
| Oats | - | - | 8 482 | - | - | - | - | 8 482 | 0.0 |
| Barley | - | - | 128 052 | - | - | - | - | 128 052 | 0.4 |
| Canola (Rapeseed) (1) | - | - | 260 958 | - | - | - | - | 260 958 | 0.7 |
| Canola Meal, Pellets (1) | - | - | 70 829 | - | - | - | - | 70 829 | 0.2 |
| Flour, Wheat & Other Edible | - | - | - | - | - | - | - | - | - |
| Soybeans | - | - | 2 531 453 | - | - | - | - | 2 531 453 | 7.0 |
| Soybean Oil Cake, Meal, Pellets | - | - | 186 760 | - | - | - | - | 186 760 | 0.5 |
| Beans and Peas | - | - | 471 111 | - | - | - | - | 471 111 | 1.3 |
| Flaxseed | - | - | 221 353 | - | - | - | - | 221 353 | 0.6 |
| Sunflower Seeds | - | - | 89 193 | - | - | - | - | 89 193 | 0.2 |
| Other Agricultural Products | 4 064 | - | 190 347 | - | 30 | - | - | 194 441 | 0.5 |
| Total Agricultural Products | 4 064 | - | 13 552 844 | 80 692 | 30 | - | - | 13 637 630 | 37.5 |
| Packing House Products, Edible | - | - | - | - | - | - | - | - | - |
| Hides, Skins, Pelts, Wool | - | - | - | - | 83 | - | - | 83 | 0.0 |
| Other Animal Products | 34 364 | - | - | - | 871 | - | - | 35 235 | 0.1 |
| Total Animal Products | 34 364 | - | - | - | 954 | - | - | 35 318 | 0.1 |
| Bituminous Coal | - | 266 364 | - | - | - | - | - | 266 364 | 0.7 |
| Coke | 566 637 | - | - | - | - | - | - | 566 637 | 1.6 |
| Iron Ore | 10 686 169 | - | - | - | - | - | - | 10 686 169 | 29.3 |
| Aluminum Ore and Concentrates | 161 787 | - | - | - | - | - | - | 161 787 | 0.4 |
| Clay and Bentonite | 176 461 | - | - | - | - | - | - | 176 461 | 0.5 |
| Gravel and Sand | 21 010 | - | - | - | - | - | - | 21 010 | 0.1 |
| Stone (2) | 313 953 | - | - | - | - | - | - | 313 953 | 0.9 |
| Salt | 745 098 | - | - | - | - | - | - | 745 098 | 2.0 |
| Potash (3) | 143 917 | - | - | - | - | - | - | 143 917 | 0.4 |
| Gypsum (3) | 555 122 | - | - | - | - | - | - | 555 122 | 1.5 |
| Asphalt (3) | 131 752 | - | - | - | - | - | - | 131 752 | 0.4 |
| Other Mine Products | 471 487 | - | - | - | 19 | - | - | 471 506 | 1.3 |
| Total Mine Products | 13 973 393 | 266 364 | - | - | 19 | - | - | 14 239 776 | 39.1 |
| Lumber (4) | 1 526 | - | - | - | - | - | - | 1 526 | 0.0 |
| Other Forest Products | - | - | - | - | - | - | - | - | - |
| Total Forest Products | 1 526 | - | - | - | - | - | - | 1 526 | 0.0 |
| Gasoline | 331 133 | - | - | - | - | - | - | 331 133 | 0.9 |
| Fuel Oil | 782 463 | - | - | - | - | - | - | 782 463 | 2.1 |
| Other Petroleum Products | 104 981 | - | - | - | - | - | - | 104 981 | 0.3 |
| Chemicals | 405 600 | - | - | - | 50 | 1 | - | 405 651 | 1.1 |
| Sodium Products | 147 983 | - | - | - | 315 | - | - | 148 298 | 0.4 |
| Tar, Pitch and Creosote | 44 338 | - | - | - | - | - | - | 44 338 | 0.1 |
| Pig Iron | 306 157 | - | - | - | - | - | - | 306 157 | 0.8 |
| Iron and Steel (5) | - | - | - | - | - | 3 905 324 | - | 3 905 324 | 10.7 |
| Steel Slab (5) | - | - | - | - | - | - | 412 058 | 412 058 | 1.1 |
| Machinery and Machines | 5 272 | - | - | - | 209 | 38 806 | - | 44 287 | 0.1 |
| Cement | 11 415 | - | - | - | - | - | - | 11 415 | 0.0 |
| Cement Clinker (6) | 425 014 | - | - | - | - | - | - | 425 014 | 1.2 |
| Woodpulp | 48 671 | - | - | - | - | - | - | 48 671 | 0.1 |
| Newsprint and Paper Products (7) | - | - | - | - | 475 | 9 050 | - | 9 525 | 0.0 |
| Syrup and Molasses | - | - | - | - | - | - | - | - | - |
| Sugar | 575 389 | - | - | - | - | - | - | 575 389 | 1.6 |
| Food Products | - | - | - | - | 967 | 4 | - | 971 | 0.0 |
| Furnace Slags (6) | 251 467 | - | - | - | - | - | - | 251 467 | 0.7 |
| Scrap Iron and Steel | 96 160 | - | - | - | - | - | - | 96 160 | 0.3 |
| Other Manufactures and Misc. (8) | 374 091 | - | - | - | 8 554 | 211 414 | - | 594 059 | 1.6 |
| Total Manufactures and Misc. | 3 910 134 | - | - | - | 10 570 | 4 164 599 | 412 058 | 8 497 361 | 23.3 |
| GRAND TOTAL | 17 923 481 | 266 364 | 13 552 844 | 80 692 | 11 573 | 4 164 599 | 412 058 | 36 411 611 | 100.0 |

(1) Previously under Other Agricultural Products.

(2) Previously under two Stone categories: Ground or Crushed; Rough.

(3) Previously under Other Mine Products.

(4) Previously under Other Forest Products.

(5) Previously combined under Bars, Rods, Slab; Nails & Wire; Manufactured.

(6) Previously under Other Manufactures and Misc.

(7) Paper Products previously under Manufactures and Misc.

(8) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1999**

TABLE M3 - Part A

(Previously TABLE 10M - PART A)

MONTREAL / LAKE ONTARIO SECTION

| NO. | COMMODITY | From: To: | UPBOUND TONNES | | | | | | TOTAL UP- BOUND | % OF TOTAL UP- BOUND |
|-----|-------------------------------------|------------------|------------------|----------------|---------------|------------------|------------------|-------------------|-----------------------|-------------------------------|
| | | | CANADA | | UNITED STATES | | FOREIGN | | | |
| | | | Canada | United States | Canada | United States | Canada | United States | | |
| 1 | Wheat | - | - | - | - | - | - | - | - | |
| 2 | Corn | - | - | - | - | - | - | - | - | |
| 3 | Rye | - | - | - | - | - | - | - | - | |
| 4 | Oats | - | - | - | - | - | - | - | - | |
| 5 | Barley | - | - | - | - | - | - | - | - | |
| 6 | Canola (Rapeseed) (1) | - | - | - | - | 17 600 | - | 17 600 | 0.1 | |
| 7 | Canola Meal, Pellets (1) | - | - | - | - | - | - | - | - | |
| 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 | - | - | - | - | 4 064 | - | 4 064 | 0.0 | |
| 15 | Total Agricultural Products | - | - | - | - | 21 664 | - | 21 664 | 0.1 | |
| 16 | Packing House Products, Edible | - | - | - | - | - | - | - | - | |
| 17 | Hides, Skins, Pelts, Wool | - | - | - | - | - | - | - | - | |
| 18 | Other Animal Products | - | - | - | - | - | - | - | - | |
| 19 | Total Animal Products | - | - | - | - | - | - | - | - | |
| 20 | Bituminous Coal | - | - | - | - | - | - | - | - | |
| 21 | Coke | - | - | 12 401 | - | - | 18 520 | 30 921 | 0.2 | |
| 22 | Iron Ore | 5 768 636 | 4 917 533 | - | - | - | - | 10 686 169 | 54.5 | |
| 23 | Aluminum Ore and Concentrates | 26 291 | - | - | - | 64 689 | 50 061 | 141 041 | 0.7 | |
| 24 | Clay and Bentonite | 800 | - | - | - | - | 2 252 | 3 052 | 0.0 | |
| 25 | Gravel and Sand | - | - | - | - | 3 855 | 17 155 | 21 010 | 0.1 | |
| 26 | Stone (2) | - | - | - | - | - | - | - | - | |
| 27 | Salt | 18 891 | - | - | - | - | 3 991 | 22 882 | 0.1 | |
| 28 | Potash (3) | - | - | - | - | - | - | - | - | |
| 29 | Gypsum (3) | 555 122 | - | - | - | - | - | 555 122 | 2.8 | |
| 30 | Asphalt (3) | - | 118 247 | - | - | - | - | 118 247 | 0.6 | |
| 31 | Other Mine Products | 50 176 | 31 867 | - | - | 90 599 | 85 015 | 257 657 | 1.3 | |
| 32 | Total Mine Products | 6 419 916 | 5 067 647 | 12 401 | - | 159 143 | 176 994 | 11 836 101 | 60.4 | |
| 33 | Lumber (4) | - | - | - | - | - | - | - | - | |
| 34 | Other Forest Products | - | - | - | - | - | - | - | - | |
| 35 | Total Forest Products | - | - | - | - | - | - | - | - | |
| 36 | Gasoline | 155 955 | 17 321 | 13 167 | - | 144 690 | - | 331 133 | 1.7 | |
| 37 | Fuel Oil | 381 591 | 133 985 | - | - | - | - | 515 576 | 2.6 | |
| 38 | Other Petroleum Products | - | - | 32 715 | - | - | - | 32 715 | 0.2 | |
| 39 | Chemicals | - | - | 41 626 | - | 69 821 | 43 684 | 155 131 | 0.8 | |
| 40 | Sodium Products | - | - | 137 196 | - | 10 787 | - | 147 983 | 0.8 | |
| 41 | Tar, Pitch and Creosote | - | - | - | - | 21 518 | 12 681 | 34 199 | 0.2 | |
| 42 | Pig Iron | 8 737 | 106 350 | - | - | 73 588 | 117 482 | 306 157 | 1.6 | |
| 43 | Iron & Steel (5) | - | - | 15 238 | - | 1 083 444 | 2 787 905 | 3 886 587 | 19.8 | |
| 44 | Steel Slab (5) | - | 17 078 | - | - | 234 653 | 160 327 | 412 058 | 2.1 | |
| 45 | Machinery and Machines: | 2 000 | - | - | - | 12 162 | 18 248 | 32 410 | 0.2 | |
| 46 | Cement | 6 404 | - | - | - | 5 011 | - | 11 415 | 0.1 | |
| 47 | Cement Clinker (6) | 26 724 | 299 023 | - | - | 99 267 | - | 425 014 | 2.2 | |
| 48 | Woodpulp | - | - | - | - | - | 9 007 | 9 007 | 0.0 | |
| 49 | Newsprint and Paper Products (7) | - | - | - | - | - | - | - | - | |
| 50 | Syrup and Molasses | - | - | - | - | - | - | - | - | |
| 51 | Sugar | 126 288 | - | - | - | 439 284 | 9 817 | 575 389 | 2.9 | |
| 52 | Food Products | - | - | - | - | 435 | - | 435 | 0.0 | |
| 53 | Furnace Slags (6) | 50 513 | 50 005 | - | - | 5 874 | 145 075 | 251 467 | 1.3 | |
| 54 | Scrap Iron and Steel | - | 51 581 | - | - | - | 19 810 | 71 391 | 0.4 | |
| 55 | Other Manufactures and Misc (8) | 179 370 | 33 096 | - | - | 239 297 | 86 521 | 538 284 | 2.7 | |
| 56 | Total Manufactures and Misc. | 937 582 | 708 439 | 239 942 | - | 2 439 831 | 3 410 557 | 7 736 351 | 39.5 | |
| 57 | GRAND TOTAL | 7 357 498 | 5 776 086 | 252 343 | - | 2 620 638 | 3 587 551 | 19 594 116 | 100.0 | |

(1) Previously under Other Agricultural Products.

(2) Previously under two Stone categories: Ground or Crushed; Rough.

(3) Previously under Other Mine Products.

(4) Previously under Other Forest products.

(5) Previously combined under Bars, Rods, Slab; Nails & Wire; Manufactured.

(6) Previously under Other Manufactures and Misc.

(7) Paper Products previously under Other Manufactures and Misc.

(8) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1999**

TABLE M3 - Part B

(Previously TABLE 10M - PART B)

MONTREAL / LAKE ONTARIO SECTION

| | | DOWNBOUND TONNES | | | | | | TOTAL | % OF TOTAL DOWN-BOUND | GRAND TOTALS | | NO. |
|-------|-----------|------------------|-----------|---------------|---------------|-----------|--------------------|-------|-----------------------|--------------|----|-----|
| From: | CANADA | | | UNITED STATES | | | TOTAL CARGO TONNES | | | % OF TOTAL | | |
| To: | Canada | United States | Foreign | Canada | United States | Foreign | | | | | | |
| | 3 579 000 | - | 1 244 029 | 119 621 | - | 1 505 563 | 6 448 213 | 38.3 | 6 448 213 | 17.7 | 1 | |
| | 313 094 | - | 80 931 | 1 804 961 | - | 827 799 | 3 026 785 | 18.0 | 3 026 785 | 8.3 | 2 | |
| | - | - | - | - | - | - | - | - | - | - | 3 | |
| | - | - | 8 482 | - | - | - | 8 482 | 0.1 | 8 482 | 0.0 | 4 | |
| | 15 792 | - | 69 703 | - | - | 42 557 | 128 052 | 0.8 | 128 052 | 0.4 | 5 | |
| | 14 727 | - | 228 631 | - | - | - | 243 358 | 1.4 | 260 958 | 0.7 | 6 | |
| | 4 792 | - | 66 037 | - | - | - | 70 829 | 0.4 | 70 829 | 0.2 | 7 | |
| | - | - | - | - | - | - | - | - | - | - | 8 | |
| | 236 030 | - | 155 343 | 1 419 000 | - | 721 080 | 2 531 453 | 15.1 | 2 531 453 | 7.0 | 9 | |
| | 79 832 | - | 98 546 | 8 382 | - | - | 186 760 | 1.1 | 186 760 | 0.5 | 10 | |
| | - | - | 459 705 | - | - | 11 406 | 471 111 | 2.8 | 471 111 | 1.3 | 11 | |
| | - | - | 221 353 | - | - | - | 221 353 | 1.3 | 221 353 | 0.6 | 12 | |
| | - | - | - | - | - | 89 193 | 89 193 | 0.5 | 89 193 | 0.2 | 13 | |
| | 4 137 | - | 128 496 | - | - | 57 744 | 190 377 | 1.1 | 194 441 | 0.5 | 14 | |
| | 4 247 404 | - | 2 761 256 | 3 351 964 | - | 3 255 342 | 13 615 966 | 81.0 | 13 637 630 | 37.5 | 15 | |
| | - | - | - | - | - | - | - | - | - | - | 16 | |
| | - | - | 83 | - | - | - | 83 | 0.0 | 83 | 0.0 | 17 | |
| | - | - | 23 655 | - | - | 11 580 | 35 235 | 0.2 | 35 235 | 0.1 | 18 | |
| | - | - | 23 738 | - | - | 11 580 | 35 318 | 0.2 | 35 318 | 0.1 | 19 | |
| | 23 501 | - | - | 242 863 | - | - | 266 364 | 1.6 | 266 364 | 0.7 | 20 | |
| | 115 095 | - | 48 390 | 293 053 | - | 79 178 | 535 716 | 3.2 | 566 637 | 1.6 | 21 | |
| | - | - | - | - | - | - | - | - | 10 686 169 | 29.3 | 22 | |
| | - | - | 10 018 | - | - | 10 728 | 20 746 | 0.1 | 161 787 | 0.4 | 23 | |
| | - | - | - | 102 039 | - | 71 370 | 173 409 | 1.0 | 176 461 | 0.5 | 24 | |
| | - | - | - | - | - | - | - | - | 21 010 | 0.1 | 25 | |
| | 282 649 | - | 428 | 5 611 | - | 25 265 | 313 953 | 1.9 | 313 953 | 0.9 | 26 | |
| | 637 778 | - | - | 84 438 | - | - | 722 216 | 4.3 | 745 098 | 2.0 | 27 | |
| | 40 431 | - | 103 486 | - | - | - | 143 917 | 0.9 | 143 917 | 0.4 | 28 | |
| | - | - | - | - | - | - | - | - | 555 122 | 1.5 | 29 | |
| | 9 277 | - | - | 4 228 | - | - | 13 505 | 0.1 | 131 752 | 0.4 | 30 | |
| | 123 930 | - | 3 431 | - | - | 86 488 | 213 849 | 1.3 | 471 506 | 1.3 | 31 | |
| | 1 232 661 | - | 165 753 | 732 232 | - | 273 029 | 2 403 675 | 14.3 | 14 239 776 | 39.1 | 32 | |
| | - | - | 1 526 | - | - | - | 1 526 | 0.0 | 1 526 | 0.0 | 33 | |
| | - | - | - | - | - | - | - | - | - | - | 34 | |
| | - | - | 1 526 | - | - | - | 1 526 | 0.0 | 1 526 | 0.0 | 35 | |
| | - | - | - | - | - | - | - | - | 331 133 | 0.9 | 36 | |
| | 257 282 | - | - | 9 605 | - | - | 266 887 | 1.6 | 782 463 | 2.1 | 37 | |
| | 20 353 | 17 730 | 34 183 | - | - | - | 72 266 | 0.4 | 104 981 | 0.3 | 38 | |
| | 86 209 | 23 477 | 136 790 | 4 044 | - | - | 250 520 | 1.5 | 405 651 | 1.1 | 39 | |
| | - | - | 315 | - | - | - | 315 | 0.0 | 148 298 | 0.4 | 40 | |
| | - | - | - | - | - | 10 139 | 10 139 | 0.1 | 44 338 | 0.1 | 41 | |
| | - | - | - | - | - | - | - | - | 306 157 | 0.8 | 42 | |
| | - | - | 15 946 | - | - | 2 791 | 18 737 | 0.1 | 3 905 324 | 10.7 | 43 | |
| | - | - | - | - | - | - | - | - | 412 058 | 1.1 | 44 | |
| | 3 272 | - | 8 051 | - | - | 554 | 11 877 | 0.1 | 44 287 | 0.1 | 45 | |
| | - | - | - | - | - | - | - | - | 11 415 | 0.0 | 46 | |
| | - | - | - | - | - | - | - | - | 425 014 | 1.2 | 47 | |
| | - | - | 28 121 | - | - | 11 543 | 39 664 | 0.2 | 48 671 | 0.1 | 48 | |
| | - | - | 9 525 | - | - | - | 9 525 | 0.1 | 9 525 | 0.0 | 49 | |
| | - | - | - | - | - | - | - | - | - | - | 50 | |
| | - | - | 536 | - | - | - | 536 | 0.0 | 575 389 | 1.6 | 51 | |
| | - | - | - | - | - | - | - | - | 971 | 0.0 | 52 | |
| | 11 175 | - | 13 594 | - | - | - | 24 769 | 0.1 | 251 467 | 0.7 | 53 | |
| | 34 058 | - | 16 555 | 4 032 | 2 | 1 128 | 55 775 | 0.3 | 96 160 | 0.3 | 54 | |
| | 412 349 | 41 207 | 263 616 | 17 681 | 2 | 26 155 | 761 010 | 4.5 | 594 059 | 1.6 | 55 | |
| | 5 892 414 | 41 207 | 3 215 889 | 4 101 877 | 2 | 3 566 106 | 16 817 495 | 100.0 | 36 411 611 | 100.0 | 57 | |

**TRAFFIC BY MONTH AND TYPE OF CARGO
1999**

TABLE M4

(Previously TABLE 13M)

MONTREAL / LAKE ONTARIO SECTION

| DIRECTION AND MONTH | VESSEL TRANSITS | | | GROSS REGISTERED TONNAGE | CARGO TONNES | | | | | | | | |
|---------------------------|-----------------|--------------|--------------|--------------------------------|-------------------|----------------|-------------------|---------------|-----------------|------------------|----------------|-------------------|--------------|
| | Loaded | Ballast | Total | | Bulk | Coal | Grains | Govt. Aid | Con- tainers | General | Steel Slab | Total | % |
| UPBOUND: | | | | | | | | | | | | | |
| March | 7 | 2 | 9 | 120 705 | 111 706 | - | - | - | - | 24 600 | - | 136 306 | 0.4 |
| April | 98 | 33 | 131 | 1 637 543 | 1 339 038 | - | - | - | 101 | 341 455 | 18 499 | 1 699 093 | 4.7 |
| May | 118 | 24 | 142 | 1 815 485 | 1 528 045 | - | - | - | 182 | 404 730 | 36 583 | 1 969 540 | 5.4 |
| June | 137 | 55 | 192 | 1 998 863 | 1 748 337 | - | - | - | 22 | 441 692 | 36 304 | 2 226 355 | 6.1 |
| July | 130 | 52 | 182 | 2 074 935 | 1 823 942 | - | - | 4 | - | 425 572 | 35 921 | 2 285 439 | 6.3 |
| August | 146 | 50 | 196 | 2 114 776 | 1 783 509 | - | 17 600 | - | 448 | 422 832 | 54 235 | 2 278 624 | 6.3 |
| September | 136 | 46 | 182 | 2 068 417 | 1 725 310 | - | - | - | 163 | 507 645 | 90 097 | 2 323 215 | 6.4 |
| October | 140 | 60 | 200 | 2 403 217 | 1 745 624 | - | - | - | 652 | 520 852 | 51 986 | 2 319 114 | 6.4 |
| November | 174 | 59 | 233 | 3 016 655 | 2 076 624 | - | - | - | 145 | 814 060 | 70 608 | 2 961 437 | 8.1 |
| December | 80 | 43 | 123 | 1 437 189 | 1 153 442 | - | - | - | 145 | 223 581 | 17 825 | 1 394 993 | 3.8 |
| January | - | - | - | - | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Upbound | 1 166 | 424 | 1 590 | 18 687 785 | 15 035 577 | - | 17 600 | - | 1 862 | 4 127 019 | 412 058 | 19 594 116 | 53.8 |
| DOWNBOUND: | | | | | | | | | | | | | |
| March | 1 | - | 1 | 16 004 | - | - | 25 152 | - | - | - | - | 25 152 | 0.1 |
| April | 53 | 56 | 109 | 1 301 457 | 139 719 | 7 004 | 840 354 | - | - | 53 | - | 987 130 | 2.7 |
| May | 108 | 48 | 156 | 1 890 440 | 291 970 | 26 481 | 1 499 916 | - | 666 | 40 | - | 1 819 073 | 5.0 |
| June | 100 | 80 | 180 | 1 984 377 | 419 841 | 32 927 | 1 160 436 | - | 24 | 6 274 | - | 1 619 502 | 4.4 |
| July | 106 | 83 | 189 | 2 019 348 | 301 036 | 24 689 | 1 206 329 | - | 3 381 | 10 247 | - | 1 545 682 | 4.2 |
| August | 105 | 84 | 189 | 2 134 356 | 199 887 | 108 830 | 1 303 209 | 69 469 | 1 179 | 3 597 | - | 1 686 171 | 4.6 |
| September | 114 | 66 | 180 | 2 009 841 | 439 642 | - | 1 378 977 | 11 223 | 2 542 | 559 | - | 1 832 943 | 5.0 |
| October | 136 | 58 | 194 | 2 421 788 | 342 075 | 33 324 | 2 141 462 | - | 563 | 5 459 | - | 2 522 883 | 6.9 |
| November | 139 | 66 | 205 | 2 666 813 | 416 298 | 33 109 | 2 136 898 | - | 787 | 9 089 | - | 2 596 181 | 7.1 |
| December | 125 | 50 | 175 | 2 219 016 | 337 436 | - | 1 842 511 | - | 569 | 2 262 | - | 2 182 778 | 6.0 |
| January | - | - | - | - | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Downbound | 987 | 591 | 1 578 | 18 663 440 | 2 887 904 | 266 364 | 13 535 244 | 80 692 | 9 711 | 37 580 | - | 16 817 495 | 46.2 |
| TOTALS: | | | | | | | | | | | | | |
| March | 8 | 2 | 10 | 136 709 | 111 706 | - | 25 152 | - | - | 24 600 | - | 161 458 | 0.4 |
| April | 151 | 89 | 240 | 2 939 000 | 1 478 757 | 7 004 | 840 354 | - | 101 | 341 508 | 18 499 | 2 686 223 | 7.4 |
| May | 226 | 72 | 298 | 3 705 925 | 1 820 015 | 26 481 | 1 499 916 | - | 848 | 404 770 | 36 583 | 3 788 613 | 10.4 |
| June | 237 | 135 | 372 | 3 983 240 | 2 168 178 | 32 927 | 1 160 436 | - | 46 | 447 966 | 36 304 | 3 845 857 | 10.6 |
| July | 236 | 135 | 371 | 4 094 283 | 2 124 978 | 24 689 | 1 206 329 | - | 3 385 | 435 819 | 35 921 | 3 831 121 | 10.5 |
| August | 251 | 134 | 385 | 4 249 132 | 1 983 396 | 108 830 | 1 320 809 | 69 469 | 1 627 | 426 429 | 54 235 | 3 964 795 | 10.9 |
| September | 250 | 112 | 362 | 4 078 258 | 2 164 952 | - | 1 378 977 | 11 223 | 2 705 | 508 204 | 90 097 | 4 156 158 | 11.4 |
| October | 276 | 118 | 394 | 4 825 005 | 2 087 699 | 33 324 | 2 141 462 | - | 1 215 | 526 311 | 51 986 | 4 841 997 | 13.3 |
| November | 313 | 125 | 438 | 5 683 468 | 2 492 922 | 33 109 | 2 136 898 | - | 932 | 823 149 | 70 608 | 5 557 618 | 15.3 |
| December | 205 | 93 | 298 | 3 656 205 | 1 490 878 | - | 1 842 511 | - | 714 | 225 843 | 17 825 | 3 577 771 | 9.8 |
| January | - | - | - | - | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - |
| GRAND TOTAL | 2 153 | 1 015 | 3 168 | 37 351 225 | 17 923 481 | 266 364 | 13 552 844 | 80 692 | 11 573 | 4 164 599 | 412 058 | 36 411 611 | 100.0 |

TRAFFIC RESULTS
1980 - 1999

TABLE M5

(Previously HISTORICAL TABLE 14M)

MONTREAL / LAKE ONTARIO SECTION

| YEAR | VESSEL TRANSITS | | | CARGO TONNES | | | GROSS REGISTERED TONNAGE | | |
|--------------|-----------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------------|--------------------|--------------------|
| | Upbound | Downbound | Total | Upbound | Downbound | Total | Upbound | Downbound | Total |
| 1980 | 2 482 | 2 476 | 4 958 | 14 925 615 | 34 528 494 | 49 454 109 | 28 092 501 | 28 258 082 | 56 350 583 |
| 1981 | 2 283 | 2 291 | 4 574 | 18 822 201 | 31 747 056 | 50 569 257 | 26 422 767 | 26 428 932 | 52 851 699 |
| 1982 | 2 147 | 2 156 | 4 303 | 11 149 898 | 31 665 416 | 42 815 314 | 25 716 121 | 25 798 862 | 51 514 983 |
| 1983 | 1 931 | 1 939 | 3 870 | 15 579 017 | 29 481 964 | 45 060 981 | 24 194 830 | 24 155 396 | 48 350 226 |
| 1984 | 1 878 | 1 881 | 3 759 | 18 636 683 | 28 868 773 | 47 505 456 | 24 133 253 | 24 198 087 | 48 331 340 |
| 1985 | 1 538 | 1 550 | 3 088 | 14 825 309 | 22 496 389 | 37 321 698 | 19 348 019 | 19 581 652 | 38 929 671 |
| 1986 | 1 663 | 1 644 | 3 307 | 14 646 185 | 22 935 623 | 37 581 808 | 20 702 503 | 20 768 506 | 41 471 009 |
| 1987 | 1 614 | 1 613 | 3 227 | 16 810 464 | 23 158 151 | 39 968 615 | 20 135 888 | 20 350 874 | 40 486 762 |
| 1988 | 1 576 | 1 566 | 3 142 | 18 654 260 | 21 903 409 | 40 557 669 | 19 505 633 | 19 433 211 | 38 938 844 |
| 1989 | 1 375 | 1 393 | 2 768 | 17 527 216 | 19 543 154 | 37 070 370 | 17 388 156 | 17 751 692 | 35 139 848 |
| 1990 | 1 389 | 1 379 | 2 768 | 17 647 222 | 19 008 717 | 36 655 939 | 17 004 251 | 16 884 323 | 33 888 574 |
| 1991 | 1 432 | 1 427 | 2 859 | 12 980 554 | 21 929 889 | 34 910 443 | 17 749 725 | 17 645 476 | 35 395 201 |
| 1992 | 1 250 | 1 243 | 2 493 | 13 991 464 | 17 368 702 | 31 360 166 | 15 346 970 | 15 267 842 | 30 614 812 |
| 1993 | 1 149 | 1 156 | 2 305 | 17 026 988 | 14 943 483 | 31 970 471 | 14 996 361 | 15 041 759 | 30 038 120 |
| 1994 | 1 423 | 1 434 | 2 857 | 21 017 489 | 17 404 635 | 38 422 124 | 18 794 120 | 18 947 491 | 37 741 611 |
| 1995 | 1 392 | 1 385 | 2 777 | 17 352 381 | 21 332 380 | 38 684 761 | 18 986 120 | 18 963 526 | 37 949 646 |
| 1996 | 1 358 | 1 349 | 2 707 | 20 652 379 | 17 422 753 | 38 075 132 | 18 314 343 | 18 131 262 | 36 445 605 |
| 1997 | 1 401 | 1 408 | 2 809 | 18 853 653 | 18 047 570 | 36 901 223 | 18 471 686 | 18 533 642 | 37 005 328 |
| 1998 | 1 576 | 1 582 | 3 158 | 22 569 978 | 16 675 931 | 39 245 909 | 20 612 520 | 20 629 006 | 41 241 526 |
| 1999 | 1 590 | 1 578 | 3 168 | 19 594 116 | 16 817 495 | 36 411 611 | 18 687 785 | 18 663 440 | 37 351 225 |
| TOTAL | 32 447 | 32 450 | 64 897 | 343 263 072 | 447 279 984 | 790 543 056 | 404 603 552 | 405 433 061 | 810 036 613 |

**CARGO BY TARIFF CLASSIFICATION
1980 - 1999**

TABLE M6

(Previously HISTORICAL TABLE 15M)

MONTREAL / LAKE ONTARIO SECTION

| YEAR | BULK | | COAL | | GRAINS | | GOVT. AID | | CONTAINERS | | GENERAL | | STEEL SLAB | | TOTAL TONNES |
|--------------|--------------------|-------------|----------------|------------|--------------------|-------------|------------------|------------|----------------|------------|-------------------|-------------|----------------|------------|--------------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | |
| 1980 | 19 859 217 | 40.2 | N/A | - | 26 747 760 | 54.1 | 168 209 | 0.3 | 166 055 | 0.3 | 2 512 868 | 5.1 | N/A | - | 49 454 109 |
| 1981 | 22 403 159 | 44.3 | N/A | - | 24 453 200 | 48.4 | 242 632 | 0.5 | 64 746 | 0.1 | 3 405 520 | 6.7 | N/A | - | 50 569 257 |
| 1982 | 15 013 588 | 35.1 | N/A | - | 24 247 173 | 56.6 | 292 456 | 0.7 | 78 478 | 0.2 | 3 183 619 | 7.4 | N/A | - | 42 815 314 |
| 1983 | 17 158 894 | 38.1 | N/A | - | 24 262 669 | 53.8 | 294 379 | 0.7 | 60 073 | 0.1 | 3 284 966 | 7.3 | N/A | - | 45 060 981 |
| 1984 | 18 835 140 | 39.6 | N/A | - | 23 500 719 | 49.5 | 231 107 | 0.5 | 140 684 | 0.3 | 4 797 806 | 10.1 | N/A | - | 47 505 456 |
| 1985 | 16 638 709 | 44.6 | N/A | - | 16 374 978 | 43.9 | 261 917 | 0.7 | 113 671 | 0.3 | 3 932 423 | 10.5 | N/A | - | 37 321 698 |
| 1986 | 16 988 516 | 45.2 | N/A | - | 16 354 059 | 43.5 | 227 670 | 0.6 | 59 943 | 0.2 | 3 951 620 | 10.5 | N/A | - | 37 581 808 |
| 1987 | 17 387 886 | 43.5 | N/A | - | 18 324 137 | 45.8 | 211 044 | 0.5 | 42 945 | 0.1 | 4 002 603 | 10.0 | N/A | - | 39 968 615 |
| 1988 | 20 396 561 | 50.3 | N/A | - | 15 468 940 | 38.1 | 87 456 | 0.2 | 38 853 | 0.1 | 4 565 859 | 11.3 | N/A | - | 40 557 669 |
| 1989 | 21 010 319 | 56.7 | N/A | - | 11 448 020 | 30.9 | 168 750 | 0.5 | 31 728 | 0.1 | 4 411 553 | 11.9 | N/A | - | 37 070 370 |
| 1990 | 20 562 535 | 56.1 | N/A | - | 12 229 063 | 33.4 | 87 737 | 0.2 | 23 918 | 0.1 | 3 752 686 | 10.2 | N/A | - | 36 655 939 |
| 1991 | 15 771 687 | 45.2 | N/A | - | 15 444 845 | 44.2 | 159 449 | 0.5 | 20 472 | 0.1 | 3 513 990 | 10.1 | N/A | - | 34 910 443 |
| 1992 | 15 712 016 | 50.1 | N/A | - | 12 245 314 | 39.0 | 89 273 | 0.3 | 23 577 | 0.1 | 3 289 986 | 10.5 | N/A | - | 31 360 166 |
| 1993 | 16 671 366 | 52.1 | N/A | - | 10 852 996 | 33.9 | 54 905 | 0.2 | 29 636 | 0.1 | 4 361 568 | 13.6 | N/A | - | 31 970 471 |
| 1994 | 18 104 743 | 47.1 | N/A | - | 13 245 446 | 34.5 | 54 768 | 0.1 | 16 923 | 0.0 | 7 000 244 | 18.2 | N/A | - | 38 422 124 |
| 1995 | 19 320 911 | 49.9 | N/A | - | 14 587 031 | 37.7 | 35 964 | 0.1 | 25 060 | 0.1 | 4 715 795 | 12.2 | N/A | - | 38 684 761 |
| 1996 | 19 864 497 | 52.2 | N/A | - | 12 303 449 | 32.3 | - | - | 15 075 | 0.0 | 5 892 111 | 15.5 | N/A | - | 38 075 132 |
| 1997 | 18 294 915 | 49.6 | N/A | - | 13 482 327 | 36.5 | - | - | 11 816 | 0.0 | 5 112 165 | 13.9 | N/A | - | 36 901 223 |
| 1998 | 19 243 487 | 49.0 | N/A | - | 12 963 846 | 33.0 | 30 828 | 0.1 | 5 211 | 0.0 | 7 002 537 | 17.8 | N/A | - | 39 245 909 |
| 1999 | 17 923 481 | 49.2 | 266 364 | 0.7 | 13 552 844 | 37.2 | 80 692 | 0.2 | 11 573 | 0.0 | 4 164 599 | 11.4 | 412 058 | 1.2 | 36 411 611 |
| TOTAL | 367 161 627 | 46.4 | 266 364 | 0.0 | 332 088 816 | 42.0 | 2 779 236 | 0.4 | 980 437 | 0.1 | 86 854 518 | 11.0 | 412 058 | 0.1 | 790 543 056 |

VESSEL TRANSITS
1980 - 1999

TABLE M7

(Previously HISTORICAL TABLE 17M)

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 |
| 1980 | 14 925 615 | 937 | 1 545 | 2 482 | 34 528 494 | 2 310 | 166 | 2 476 | 49 454 109 | 3 247 | 1 711 | 4 958 |
| 1981 | 18 822 201 | 1 168 | 1 115 | 2 283 | 31 747 056 | 2 035 | 256 | 2 291 | 50 569 257 | 3 203 | 1 371 | 4 574 |
| 1982 | 11 149 898 | 717 | 1 430 | 2 147 | 31 665 416 | 1 978 | 178 | 2 156 | 42 815 314 | 2 695 | 1 608 | 4 303 |
| 1983 | 15 579 017 | 955 | 976 | 1 931 | 29 481 964 | 1 770 | 169 | 1 939 | 45 060 981 | 2 725 | 1 145 | 3 870 |
| 1984 | 18 636 683 | 1 119 | 759 | 1 878 | 28 868 773 | 1 694 | 187 | 1 881 | 47 505 456 | 2 813 | 946 | 3 759 |
| 1985 | 14 825 309 | 924 | 614 | 1 538 | 22 496 389 | 1 361 | 189 | 1 550 | 37 321 698 | 2 285 | 803 | 3 088 |
| 1986 | 14 646 185 | 971 | 692 | 1 663 | 22 935 623 | 1 404 | 240 | 1 644 | 37 581 808 | 2 375 | 932 | 3 307 |
| 1987 | 16 810 464 | 1 054 | 560 | 1 614 | 23 158 151 | 1 313 | 300 | 1 613 | 39 968 615 | 2 367 | 860 | 3 227 |
| 1988 | 18 654 260 | 1 131 | 445 | 1 576 | 21 903 409 | 1 251 | 315 | 1 566 | 40 557 669 | 2 382 | 760 | 3 142 |
| 1989 | 17 527 216 | 995 | 380 | 1 375 | 19 543 154 | 1 150 | 243 | 1 393 | 37 070 370 | 2 145 | 623 | 2 768 |
| 1990 | 17 647 222 | 999 | 390 | 1 389 | 19 008 717 | 1 105 | 274 | 1 379 | 36 655 939 | 2 104 | 664 | 2 768 |
| 1991 | 12 980 554 | 791 | 641 | 1 432 | 21 929 889 | 1 220 | 207 | 1 427 | 34 910 443 | 2 011 | 848 | 2 859 |
| 1992 | 13 991 464 | 834 | 416 | 1 250 | 17 368 702 | 1 006 | 237 | 1 243 | 31 360 166 | 1 840 | 653 | 2 493 |
| 1993 | 17 026 988 | 951 | 198 | 1 149 | 14 943 483 | 857 | 299 | 1 156 | 31 970 471 | 1 808 | 497 | 2 305 |
| 1994 | 21 017 489 | 1 170 | 253 | 1 423 | 17 404 635 | 1 001 | 433 | 1 434 | 38 422 124 | 2 171 | 686 | 2 857 |
| 1995 | 17 352 381 | 931 | 461 | 1 392 | 21 332 380 | 1 139 | 246 | 1 385 | 38 684 761 | 2 070 | 707 | 2 777 |
| 1996 | 20 652 379 | 1 109 | 249 | 1 358 | 17 422 753 | 987 | 362 | 1 349 | 38 075 132 | 2 096 | 611 | 2 707 |
| 1997 | 18 853 653 | 1 076 | 325 | 1 401 | 18 047 570 | 1 007 | 401 | 1 408 | 36 901 223 | 2 083 | 726 | 2 809 |
| 1998 | 22 569 978 | 1 309 | 267 | 1 576 | 16 675 931 | 1 001 | 581 | 1 582 | 39 245 909 | 2 310 | 848 | 3 158 |
| 1999 | 19 594 116 | 1 166 | 424 | 1 590 | 16 817 495 | 987 | 591 | 1 578 | 36 411 611 | 2 153 | 1 015 | 3 168 |
| TOTAL | 343 263 072 | 20 307 | 12 140 | 32 447 | 447 279 984 | 26 576 | 5 874 | 32 450 | 790 543 056 | 46 883 | 18 014 | 64 897 |

COMMODITY GROUPS
1980 - 1999

TABLE M8

(Previously HISTORICAL TABLE 21M)

MONTREAL / LAKE ONTARIO SECTION

| YEAR | AGRICULTURAL PRODUCTS | | ANIMAL PRODUCTS | | MINE PRODUCTS | | FOREST PRODUCTS | | MANUFACTURES & MISCELLANEOUS | | PACKAGE FREIGHT | | TOTAL |
|--------------|-----------------------|-------------|------------------|------------|--------------------|-------------|-----------------|------------|------------------------------|-------------|-----------------|------------|--------------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | |
| 1980 | 26 920 476 | 54.4 | 182 346 | 0.4 | 14 891 195 | 30.1 | 56 087 | 0.1 | 7 386 038 | 14.9 | 17 967 | 0.0 | 49 454 109 |
| 1981 | 24 673 525 | 48.8 | 185 196 | 0.4 | 17 857 148 | 35.3 | 44 299 | 0.1 | 7 801 251 | 15.4 | 7 838 | 0.0 | 50 569 257 |
| 1982 | 24 515 880 | 57.3 | 134 682 | 0.3 | 10 762 770 | 25.1 | 24 026 | 0.1 | 7 377 956 | 17.2 | - | - | 42 815 314 |
| 1983 | 24 449 080 | 54.3 | 95 902 | 0.2 | 13 081 176 | 29.0 | 24 164 | 0.1 | 7 410 659 | 16.4 | - | - | 45 060 981 |
| 1984 | 23 649 862 | 49.8 | 85 109 | 0.2 | 14 802 071 | 31.2 | 70 517 | 0.1 | 8 897 897 | 18.7 | - | - | 47 505 456 |
| 1985 | 16 486 803 | 44.2 | 90 157 | 0.2 | 12 491 239 | 33.5 | 33 555 | 0.1 | 8 219 944 | 22.0 | - | - | 37 321 698 |
| 1986 | 16 490 065 | 43.9 | 67 872 | 0.2 | 12 253 937 | 32.6 | 7 375 | 0.0 | 8 762 559 | 23.3 | - | - | 37 581 808 |
| 1987 | 18 454 108 | 46.2 | 54 982 | 0.1 | 13 219 140 | 33.1 | 10 987 | 0.0 | 8 229 398 | 20.6 | - | - | 39 968 615 |
| 1988 | 15 545 348 | 38.3 | 73 483 | 0.2 | 16 220 120 | 40.0 | 30 228 | 0.1 | 8 688 490 | 21.4 | - | - | 40 557 669 |
| 1989 | 11 669 000 | 31.5 | 71 394 | 0.2 | 16 774 670 | 45.3 | 47 967 | 0.1 | 8 507 339 | 22.9 | - | - | 37 070 370 |
| 1990 | 12 387 373 | 33.8 | 45 992 | 0.1 | 16 543 066 | 45.1 | 64 676 | 0.2 | 7 614 832 | 20.8 | - | - | 36 655 939 |
| 1991 | 15 532 704 | 44.5 | 51 270 | 0.1 | 12 362 544 | 35.4 | 27 619 | 0.1 | 6 936 306 | 19.9 | - | - | 34 910 443 |
| 1992 | 12 242 050 | 39.0 | 83 637 | 0.3 | 12 714 825 | 40.5 | 13 112 | 0.0 | 6 306 542 | 20.1 | - | - | 31 360 166 |
| 1993 | 10 915 255 | 34.1 | 50 028 | 0.2 | 13 746 322 | 43.0 | 8 283 | 0.0 | 7 250 583 | 22.7 | - | - | 31 970 471 |
| 1994 | 13 280 877 | 34.6 | 73 055 | 0.2 | 15 032 373 | 39.1 | 7 123 | 0.0 | 10 028 696 | 26.1 | - | - | 38 422 124 |
| 1995 | 14 598 465 | 37.7 | 100 300 | 0.3 | 16 498 831 | 42.6 | 1 696 | 0.0 | 7 485 469 | 19.3 | - | - | 38 684 761 |
| 1996 | 12 294 655 | 32.3 | 35 984 | 0.1 | 16 655 651 | 43.7 | 3 411 | 0.0 | 9 085 431 | 23.9 | - | - | 38 075 132 |
| 1997 | 13 491 031 | 36.6 | 32 732 | 0.1 | 14 676 645 | 39.8 | 11 761 | 0.0 | 8 689 054 | 23.5 | - | - | 36 901 223 |
| 1998 | 12 964 357 | 33.0 | 34 885 | 0.1 | 14 724 161 | 37.5 | 1 456 | 0.0 | 11 521 050 | 29.4 | - | - | 39 245 909 |
| 1999 | 13 637 630 | 37.5 | 35 318 | 0.1 | 14 239 776 | 39.1 | 1 526 | 0.0 | 8 497 361 | 23.3 | - | - | 36 411 611 |
| TOTAL | 334 198 544 | 42.3 | 1 584 324 | 0.2 | 289 547 660 | 36.6 | 489 868 | 0.1 | 164 696 855 | 20.8 | 25 805 | 0.0 | 790 543 056 |

**U.S. GRAINS
1980 - 1999**

TABLE M9

(Previously HISTORICAL TABLE 22M)

MONTREAL / LAKE ONTARIO SECTION

| YEAR | WHEAT | | CORN | | RYE & OATS | | CANOLA | | BARLEY | | SOYBEANS | | FLAXSEED | | ALL OTHER GRAINS | | TOTAL GRAINS | |
|--------------|-------------------|------------|-------------------|------------|----------------|------------|----------|----------|-------------------|------------|-------------------|------------|---------------|------------|------------------|------------|--------------------|-------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 3 556 167 | 7.2 | 5 444 933 | 11.0 | 174 110 | 0.4 | N/A | - | 680 577 | 1.4 | 1 240 782 | 2.5 | 2 215 | 0.0 | 1 263 605 | 2.6 | 12 362 389 | 25.0 |
| 1981 | 3 480 645 | 6.9 | 3 656 771 | 7.2 | 74 964 | 0.1 | N/A | - | 837 264 | 1.7 | 1 533 435 | 3.0 | 13 227 | 0.0 | 1 349 446 | 2.7 | 10 945 752 | 21.6 |
| 1982 | 2 856 250 | 6.7 | 2 939 988 | 6.9 | 16 727 | 0.0 | N/A | - | 354 808 | 0.8 | 982 526 | 2.3 | 14 291 | 0.0 | 1 157 802 | 2.7 | 8 322 392 | 19.4 |
| 1983 | 2 824 695 | 6.3 | 2 083 258 | 4.6 | 24 320 | 0.1 | N/A | - | 831 164 | 1.8 | 270 977 | 0.6 | 1 025 | 0.0 | 731 945 | 1.6 | 6 767 384 | 15.0 |
| 1984 | 3 124 417 | 6.6 | 2 257 653 | 4.8 | 11 453 | 0.0 | N/A | - | 608 831 | 1.3 | 826 106 | 1.7 | 5 180 | 0.0 | 814 086 | 1.7 | 7 647 726 | 16.1 |
| 1985 | 1 958 906 | 5.2 | 1 938 864 | 5.2 | - | - | N/A | - | 132 080 | 0.4 | 660 270 | 1.8 | - | - | 391 183 | 1.0 | 5 081 303 | 13.6 |
| 1986 | 2 324 945 | 6.2 | 692 382 | 1.8 | 5 500 | 0.0 | N/A | - | 332 051 | 0.9 | 1 041 258 | 2.8 | 31 504 | 0.1 | 249 633 | 0.7 | 4 677 273 | 12.4 |
| 1987 | 1 703 876 | 4.3 | 1 718 123 | 4.3 | 19 458 | 0.0 | N/A | - | 464 631 | 1.2 | 1 018 785 | 2.5 | - | - | 194 871 | 0.5 | 5 119 744 | 12.8 |
| 1988 | 2 046 771 | 5.0 | 2 022 111 | 5.0 | 10 410 | 0.0 | N/A | - | 599 748 | 1.5 | 597 140 | 1.5 | - | - | 239 415 | 0.6 | 5 515 595 | 13.6 |
| 1989 | 2 203 974 | 5.9 | 1 959 943 | 5.3 | 7 704 | 0.0 | N/A | - | 939 432 | 2.5 | 625 055 | 1.7 | - | - | 51 035 | 0.1 | 5 787 143 | 15.6 |
| 1990 | 1 871 197 | 5.1 | 1 018 239 | 2.8 | - | - | N/A | - | 846 871 | 2.3 | 234 925 | 0.6 | - | - | 11 965 | 0.0 | 3 983 197 | 10.9 |
| 1991 | 1 331 577 | 3.8 | 993 198 | 2.8 | - | - | N/A | - | 533 535 | 1.5 | 365 474 | 1.0 | - | - | 164 731 | 0.5 | 3 388 515 | 9.7 |
| 1992 | 1 586 460 | 5.1 | 873 917 | 2.8 | - | - | N/A | - | 1 052 638 | 3.4 | 917 778 | 2.9 | - | - | 102 199 | 0.3 | 4 532 992 | 14.5 |
| 1993 | 2 087 128 | 6.5 | 1 132 499 | 3.5 | - | - | N/A | - | 657 582 | 2.1 | 578 188 | 1.8 | - | - | 95 754 | 0.3 | 4 551 151 | 14.2 |
| 1994 | 1 533 046 | 4.0 | 865 693 | 2.3 | - | - | N/A | - | 1 130 725 | 2.9 | 1 484 285 | 3.9 | - | - | 213 825 | 0.6 | 5 227 574 | 13.6 |
| 1995 | 2 971 424 | 7.7 | 2 152 244 | 5.6 | 1 900 | 0.0 | N/A | - | 173 287 | 0.4 | 1 624 272 | 4.2 | - | - | 337 135 | 0.9 | 7 260 262 | 18.8 |
| 1996 | 2 718 233 | 7.1 | 1 083 567 | 2.8 | 11 777 | 0.0 | N/A | - | 54 725 | 0.1 | 1 992 116 | 5.2 | - | - | 41 910 | 0.1 | 5 902 328 | 15.5 |
| 1997 | 1 694 195 | 4.6 | 420 803 | 1.1 | - | - | N/A | - | 576 832 | 1.6 | 1 816 377 | 4.9 | - | - | 56 354 | 0.2 | 4 564 561 | 12.4 |
| 1998 | 2 063 314 | 5.3 | 1 903 585 | 4.9 | - | - | N/A | - | 46 303 | 0.1 | 1 685 201 | 4.3 | 8 856 | 0.0 | 411 646 | 1.0 | 6 118 905 | 15.6 |
| 1999 | 1 625 184 | 4.1 | 2 632 760 | 6.7 | - | - | - | - | 42 557 | 0.1 | 2 140 080 | 5.5 | - | - | 166 725 | 0.4 | 6 607 306 | 16.8 |
| TOTAL | 45 562 404 | 5.7 | 37 790 531 | 4.8 | 358 323 | 0.0 | - | - | 10 895 641 | 1.4 | 21 635 030 | 2.7 | 76 298 | 0.0 | 8 045 265 | 1.0 | 124 363 492 | 15.7 |

**CANADIAN GRAINS
1980 - 1999**

TABLE M10

(Previously HISTORICAL TABLE 23M)

MONTREAL / LAKE ONTARIO SECTION

| YEAR | WHEAT | | CORN | | RYE & OATS | | CANOLA | | BARLEY | | SOYBEANS | | FLAXSEED | | ALL OTHER GRAINS | | TOTAL GRAINS | |
|--------------|--------------------|-------------|------------------|------------|------------------|------------|----------------|------------|-------------------|------------|------------------|------------|------------------|------------|-------------------|------------|--------------------|-------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 10 187 369 | 20.6 | 1 073 549 | 2.2 | 627 768 | 1.3 | N/A | - | 1 394 588 | 2.8 | 54 259 | 0.1 | 250 637 | 0.5 | 801 848 | 1.6 | 14 390 018 | 29.1 |
| 1981 | 8 441 450 | 16.7 | 1 418 355 | 2.8 | 481 519 | 1.0 | N/A | - | 2 111 926 | 4.2 | 8 613 | 0.0 | 266 766 | 0.5 | 788 856 | 1.6 | 13 517 485 | 26.7 |
| 1982 | 11 024 842 | 25.7 | 812 687 | 1.9 | 402 602 | 0.9 | N/A | - | 2 849 224 | 6.7 | 65 253 | 0.2 | 249 093 | 0.6 | 538 862 | 1.3 | 15 942 563 | 37.2 |
| 1983 | 12 784 633 | 28.4 | 684 709 | 1.5 | 186 697 | 0.4 | N/A | - | 2 875 079 | 6.4 | 29 813 | 0.1 | 359 750 | 0.8 | 520 170 | 1.2 | 17 440 851 | 38.7 |
| 1984 | 12 813 292 | 27.0 | 516 774 | 1.1 | 62 835 | 0.1 | N/A | - | 1 788 891 | 3.8 | 72 408 | 0.2 | 227 519 | 0.5 | 371 200 | 0.8 | 15 852 919 | 33.4 |
| 1985 | 9 543 110 | 25.6 | 570 008 | 1.5 | 36 143 | 0.1 | N/A | - | 554 518 | 1.5 | 76 320 | 0.2 | 339 500 | 0.9 | 173 673 | 0.5 | 11 293 272 | 30.3 |
| 1986 | 8 845 790 | 23.5 | 358 788 | 1.0 | 100 362 | 0.3 | N/A | - | 1 579 297 | 4.2 | 148 087 | 0.4 | 370 568 | 1.0 | 273 722 | 0.7 | 11 676 614 | 31.1 |
| 1987 | 10 855 319 | 27.2 | 398 976 | 1.0 | 121 893 | 0.3 | N/A | - | 957 375 | 2.4 | 85 602 | 0.2 | 374 843 | 0.9 | 410 385 | 1.0 | 13 204 393 | 33.0 |
| 1988 | 8 531 550 | 21.0 | 210 549 | 0.5 | 38 121 | 0.1 | N/A | - | 515 792 | 1.3 | 118 464 | 0.3 | 258 288 | 0.6 | 280 581 | 0.7 | 9 953 345 | 24.5 |
| 1989 | 4 836 888 | 13.0 | 89 983 | 0.2 | 36 204 | 0.1 | N/A | - | 290 205 | 0.8 | 51 343 | 0.1 | 236 815 | 0.6 | 161 650 | 0.4 | 5 703 088 | 15.4 |
| 1990 | 7 405 022 | 20.2 | 187 804 | 0.5 | 11 313 | 0.0 | N/A | - | 278 472 | 0.8 | 37 939 | 0.1 | 165 696 | 0.5 | 159 602 | 0.4 | 8 245 848 | 22.5 |
| 1991 | 10 885 314 | 31.2 | 510 424 | 1.5 | 2 453 | 0.0 | N/A | - | 130 672 | 0.4 | 103 938 | 0.3 | 171 718 | 0.5 | 236 847 | 0.7 | 12 041 366 | 34.5 |
| 1992 | 6 538 222 | 20.8 | 173 490 | 0.6 | 8 801 | 0.0 | N/A | - | 114 808 | 0.4 | 172 710 | 0.6 | 151 311 | 0.5 | 534 510 | 1.7 | 7 693 852 | 24.5 |
| 1993 | 4 728 825 | 14.8 | 43 730 | 0.1 | 14 278 | 0.0 | N/A | - | 38 974 | 0.1 | 216 157 | 0.7 | 254 058 | 0.8 | 1 006 252 | 3.1 | 6 302 274 | 19.7 |
| 1994 | 5 133 605 | 13.4 | 172 995 | 0.5 | 27 355 | 0.1 | N/A | - | 140 140 | 0.4 | 368 328 | 1.0 | 439 356 | 1.1 | 1 736 093 | 4.5 | 8 017 872 | 20.9 |
| 1995 | 5 119 158 | 13.2 | 106 927 | 0.3 | 1 330 | 0.0 | N/A | - | 32 954 | 0.1 | 401 164 | 1.0 | 432 596 | 1.1 | 1 232 602 | 3.2 | 7 326 731 | 18.9 |
| 1996 | 4 208 814 | 11.1 | 126 825 | 0.3 | 22 400 | 0.1 | N/A | - | 366 280 | 1.0 | 325 244 | 0.9 | 359 269 | 0.9 | 956 471 | 2.5 | 6 365 303 | 16.7 |
| 1997 | 7 025 506 | 19.0 | 8 614 | 0.0 | 14 956 | 0.0 | N/A | - | 111 791 | 0.3 | 336 182 | 0.9 | 462 489 | 1.3 | 921 823 | 2.5 | 8 881 361 | 24.1 |
| 1998 | 4 588 263 | 11.7 | 46 054 | 0.1 | 3 168 | 0.0 | N/A | - | 31 946 | 0.1 | 366 538 | 0.9 | 491 617 | 1.3 | 1 207 790 | 3.1 | 6 735 376 | 17.2 |
| 1999 | 4 742 337 | 12.1 | 394 025 | 1.0 | 8 482 | 0.0 | 243 358 | 0.6 | 85 495 | 0.2 | 384 012 | 1.0 | 221 353 | 0.6 | 848 876 | 2.2 | 6 927 938 | 17.7 |
| TOTAL | 158 239 309 | 19.9 | 7 905 266 | 1.0 | 2 208 680 | 0.3 | 243 358 | 0.0 | 16 248 427 | 2.0 | 3 422 374 | 0.4 | 6 083 242 | 0.8 | 13 161 813 | 1.7 | 207 512 469 | 26.2 |

**SELECTED MINING COMMODITIES
1980 - 1999**

TABLE M11

(Previously HISTORICAL TABLE 24M)

MONTREAL / LAKE ONTARIO SECTION

| YEAR | COAL | | COKE | | IRON ORE | | CLAY & BENTONITE | | GRAVEL & SAND | | STONE | | SALT | | SULPHUR | | OTHER MINE | |
|--------------|-------------------|------------|-------------------|------------|--------------------|-------------|------------------|------------|----------------|------------|------------------|------------|-------------------|------------|----------------|------------|-------------------|------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 225 660 | 0.5 | 1 401 282 | 2.8 | 11 005 222 | 22.3 | 276 158 | 0.6 | 37 479 | 0.1 | 180 462 | 0.4 | 782 430 | 1.6 | 157 181 | 0.3 | 825 321 | 1.7 |
| 1981 | 1 674 618 | 3.3 | 853 180 | 1.7 | 12 926 853 | 25.6 | 198 725 | 0.4 | 40 401 | 0.1 | 25 528 | 0.1 | 1 134 948 | 2.2 | 28 236 | 0.1 | 974 659 | 1.9 |
| 1982 | 1 153 657 | 2.7 | 680 806 | 1.6 | 7 430 414 | 17.4 | 142 492 | 0.3 | 36 | 0.0 | 36 228 | 0.1 | 714 901 | 1.7 | 3 013 | 0.0 | 601 223 | 1.4 |
| 1983 | 350 171 | 0.8 | 638 042 | 1.4 | 10 280 210 | 22.8 | 76 849 | 0.2 | 7 975 | 0.0 | 47 754 | 0.1 | 878 535 | 1.9 | - | - | 801 641 | 1.8 |
| 1984 | 452 898 | 1.0 | 793 112 | 1.7 | 11 421 521 | 24.0 | 157 206 | 0.3 | 6 992 | 0.0 | 117 233 | 0.2 | 818 931 | 1.7 | - | - | 1 034 178 | 2.2 |
| 1985 | 607 108 | 1.6 | 802 266 | 2.1 | 8 679 210 | 23.3 | 162 410 | 0.4 | 1 | 0.0 | 258 745 | 0.7 | 657 494 | 1.8 | - | - | 1 324 005 | 3.5 |
| 1986 | 609 619 | 1.6 | 867 412 | 2.3 | 8 026 080 | 21.4 | 161 366 | 0.4 | 16 009 | 0.0 | 272 148 | 0.7 | 874 520 | 2.3 | - | - | 1 426 783 | 3.8 |
| 1987 | 233 756 | 0.6 | 654 432 | 1.6 | 9 557 376 | 23.9 | 164 766 | 0.4 | - | - | 231 658 | 0.6 | 928 559 | 2.3 | - | - | 1 448 593 | 3.6 |
| 1988 | 712 945 | 1.8 | 1 466 718 | 3.6 | 10 810 682 | 26.7 | 240 823 | 0.6 | - | - | 432 411 | 1.1 | 1 027 602 | 2.5 | - | - | 1 528 939 | 3.8 |
| 1989 | 776 999 | 2.1 | 1 272 068 | 3.4 | 11 185 264 | 30.2 | 215 214 | 0.6 | - | - | 448 647 | 1.2 | 1 377 273 | 3.7 | - | - | 1 499 205 | 4.0 |
| 1990 | 489 355 | 1.3 | 946 154 | 2.6 | 11 527 835 | 31.4 | 229 581 | 0.6 | - | - | 715 617 | 2.0 | 1 183 829 | 3.2 | - | - | 1 450 695 | 4.0 |
| 1991 | 591 980 | 1.7 | 503 410 | 1.4 | 8 455 027 | 24.2 | 151 485 | 0.4 | - | - | 598 944 | 1.7 | 1 029 814 | 2.9 | - | - | 1 031 884 | 3.0 |
| 1992 | 336 327 | 1.1 | 705 253 | 2.2 | 8 727 467 | 27.8 | 145 918 | 0.5 | - | - | 561 300 | 1.8 | 965 099 | 3.1 | - | - | 1 273 461 | 4.1 |
| 1993 | 242 958 | 0.8 | 846 742 | 2.6 | 9 963 598 | 31.2 | 171 967 | 0.5 | 26 000 | 0.1 | 811 602 | 2.5 | 651 414 | 2.0 | - | - | 1 032 041 | 3.2 |
| 1994 | 535 301 | 1.4 | 634 407 | 1.7 | 11 047 880 | 28.8 | 183 725 | 0.5 | - | - | 735 214 | 1.9 | 706 190 | 1.8 | - | - | 1 189 656 | 3.1 |
| 1995 | 942 386 | 2.4 | 886 224 | 2.3 | 10 959 374 | 28.3 | 231 066 | 0.6 | - | - | 808 074 | 2.1 | 1 449 077 | 3.7 | - | - | 1 222 630 | 3.2 |
| 1996 | 508 129 | 1.3 | 804 960 | 2.1 | 11 596 270 | 30.5 | 221 755 | 0.6 | 22 675 | 0.1 | 763 123 | 2.0 | 1 449 578 | 3.8 | - | - | 1 289 161 | 3.4 |
| 1997 | 534 507 | 1.4 | 775 129 | 2.1 | 10 121 109 | 27.4 | 254 791 | 0.7 | 20 037 | 0.1 | 400 683 | 1.1 | 1 227 534 | 3.3 | - | - | 1 342 855 | 3.6 |
| 1998 | 191 356 | 0.5 | 624 131 | 1.6 | 11 104 515 | 28.3 | 250 534 | 0.6 | - | - | 559 951 | 1.4 | 732 983 | 1.9 | - | - | 1 260 691 | 3.2 |
| 1999 | 266 364 | 0.7 | 566 637 | 1.6 | 10 686 169 | 29.3 | 176 461 | 0.5 | 21 010 | 0.1 | 313 953 | 0.9 | 745 098 | 2.0 | - | - | 1 464 084 | 4.0 |
| TOTAL | 11 436 094 | 1.4 | 16 722 365 | 2.1 | 205 512 076 | 26.0 | 3 813 292 | 0.5 | 198 615 | 0.0 | 8 319 275 | 1.1 | 19 335 809 | 2.4 | 188 430 | 0.0 | 24 021 705 | 3.0 |

**SELECTED PROCESSED COMMODITIES
1980 - 1999**

TABLE M12

(Previously HISTORICAL TABLE 25M)

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 | % |
| 1980 | 223 186 | 0.5 | 1 563 431 | 3.2 | 552 747 | 1.1 | 201 246 | 0.4 | 202 783 | 0.4 | 2 084 713 | 4.2 | 93 | 0.0 | 760 238 | 1.5 | 1 797 601 | 3.6 |
| 1981 | 123 843 | 0.2 | 1 838 507 | 3.6 | 610 999 | 1.2 | 174 412 | 0.3 | 202 552 | 0.4 | 2 905 186 | 5.7 | 2 769 | 0.0 | 87 363 | 0.2 | 1 855 620 | 3.7 |
| 1982 | 158 771 | 0.4 | 1 002 035 | 2.3 | 722 466 | 1.7 | 161 978 | 0.4 | 152 712 | 0.4 | 2 790 012 | 6.5 | 3 449 | 0.0 | 457 226 | 1.1 | 1 929 307 | 4.5 |
| 1983 | 249 993 | 0.6 | 936 121 | 2.1 | 634 880 | 1.4 | 213 622 | 0.5 | 161 017 | 0.4 | 2 896 137 | 6.4 | 2 522 | 0.0 | 390 006 | 0.9 | 1 926 361 | 4.3 |
| 1984 | 237 388 | 0.5 | 745 378 | 1.6 | 748 700 | 1.6 | 99 951 | 0.2 | 243 817 | 0.5 | 4 453 231 | 9.4 | 10 | 0.0 | 303 619 | 0.6 | 2 065 803 | 4.3 |
| 1985 | 111 419 | 0.3 | 558 770 | 1.5 | 751 092 | 2.0 | 126 246 | 0.3 | 103 610 | 0.3 | 3 603 221 | 9.7 | 175 111 | 0.5 | 635 622 | 1.7 | 2 154 853 | 5.8 |
| 1986 | 206 107 | 0.5 | 641 156 | 1.7 | 869 268 | 2.3 | 171 615 | 0.5 | 96 925 | 0.3 | 3 548 802 | 9.4 | 152 616 | 0.4 | 740 276 | 2.0 | 2 335 794 | 6.2 |
| 1987 | 167 472 | 0.4 | 481 049 | 1.2 | 812 778 | 2.0 | 135 308 | 0.3 | 124 355 | 0.3 | 3 614 403 | 9.0 | 242 758 | 0.6 | 344 352 | 0.9 | 2 306 923 | 5.8 |
| 1988 | 248 120 | 0.6 | 879 438 | 2.2 | 1 036 759 | 2.6 | 125 032 | 0.3 | 93 248 | 0.2 | 4 316 733 | 10.6 | 32 101 | 0.1 | 369 397 | 0.9 | 1 587 662 | 3.9 |
| 1989 | 485 319 | 1.3 | 569 627 | 1.5 | 819 447 | 2.2 | 86 287 | 0.2 | 70 938 | 0.2 | 4 186 116 | 11.3 | 27 463 | 0.1 | 320 630 | 0.9 | 1 941 512 | 5.2 |
| 1990 | 481 265 | 1.3 | 890 612 | 2.4 | 817 062 | 2.2 | 105 284 | 0.3 | 67 942 | 0.2 | 3 607 475 | 9.8 | 28 431 | 0.1 | 233 668 | 0.6 | 1 383 093 | 3.8 |
| 1991 | 378 315 | 1.1 | 866 101 | 2.5 | 568 383 | 1.6 | 78 479 | 0.2 | 37 505 | 0.1 | 3 438 134 | 9.8 | 340 350 | 1.0 | 137 600 | 0.4 | 1 091 439 | 3.1 |
| 1992 | 362 649 | 1.2 | 615 685 | 2.0 | 565 561 | 1.8 | 95 345 | 0.3 | 72 934 | 0.2 | 3 119 218 | 9.9 | 114 841 | 0.4 | 112 810 | 0.4 | 1 247 499 | 4.0 |
| 1993 | 295 003 | 0.9 | 591 868 | 1.9 | 684 411 | 2.1 | 153 043 | 0.5 | 59 313 | 0.2 | 4 138 812 | 12.9 | 16 343 | 0.1 | 109 631 | 0.3 | 1 202 159 | 3.8 |
| 1994 | 462 198 | 1.2 | 839 482 | 2.2 | 415 570 | 1.1 | 156 233 | 0.4 | 87 748 | 0.2 | 6 766 616 | 17.6 | - | - | 46 254 | 0.1 | 1 254 595 | 3.3 |
| 1995 | 245 777 | 0.6 | 703 107 | 1.8 | 520 757 | 1.3 | 124 573 | 0.3 | 141 342 | 0.4 | 4 528 312 | 11.7 | - | - | 149 854 | 0.4 | 1 071 747 | 2.8 |
| 1996 | 341 420 | 0.9 | 695 658 | 1.8 | 512 731 | 1.3 | 92 129 | 0.2 | 171 740 | 0.5 | 5 687 894 | 14.9 | 16 180 | 0.0 | 42 768 | 0.1 | 1 524 911 | 4.0 |
| 1997 | 204 185 | 0.6 | 795 854 | 2.2 | 454 874 | 1.2 | 119 691 | 0.3 | 221 101 | 0.6 | 4 879 709 | 13.2 | 63 182 | 0.2 | 181 502 | 0.5 | 1 768 956 | 4.8 |
| 1998 | 372 054 | 0.9 | 1 086 624 | 2.8 | 677 309 | 1.7 | 126 097 | 0.3 | 272 545 | 0.7 | 6 909 049 | 17.6 | 38 869 | 0.1 | 80 847 | 0.2 | 1 957 656 | 5.0 |
| 1999 | 331 133 | 0.9 | 782 463 | 2.1 | 405 651 | 1.1 | 148 298 | 0.4 | 306 157 | 0.8 | 4 317 382 | 11.9 | 11 415 | 0.0 | 96 160 | 0.3 | 2 098 702 | 5.8 |
| TOTAL | 5 685 617 | 0.7 | 17 082 966 | 2.2 | 13 181 445 | 1.7 | 2 694 869 | 0.3 | 2 890 284 | 0.4 | 81 791 155 | 10.3 | 1 268 503 | 0.2 | 5 599 823 | 0.7 | 34 502 193 | 4.4 |

(1) Includes Steel Slab

PART IV

ST. LAWRENCE SEAWAY

TOLL TRAFFIC

FOR THE

WELLAND CANAL SECTION

**TRAFFIC BY CLASS AND TYPE OF VESSEL
1999**

TABLE W1

(Previously TABLE 3W)

WELLAND CANAL SECTION

| CLASS AND TYPE OF VESSEL | VESSEL TRANSITS | | | GROSS REGISTERED TONNAGE | CARGO TONNES | | | | | | | | | |
|----------------------------|------------------------|--------------|--------------|--------------------------|-------------------|-------------------|------------------|-------------------|---------------|------------|------------------|----------------|-------------------|--------------|
| | Loaded | Ballast | Total | | Bulk | Coal | Grains | Govt. Aid | Con-tainers | General | Steel Slab | Total | % | |
| UPBOUND: | | | | | | | | | | | | | | |
| Ocean: | Cargo | 314 | 131 | 445 | 6 816 530 | 660 031 | - | 17 600 | - | 355 | 3 248 340 | 177 405 | 4 103 731 | 11.0 |
| | Barge | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Tanker | 21 | 23 | 44 | 411 127 | 161 044 | - | - | - | - | - | - | 161 044 | 0.4 |
| | Total Ocean | 335 | 154 | 489 | 7 227 657 | 821 075 | - | 17 600 | - | 355 | 3 248 340 | 177 405 | 4 264 775 | 11.4 |
| Laker: | Cargo | 420 | 361 | 781 | 11 938 086 | 8 144 997 | - | - | - | - | 25 089 | - | 8 170 086 | 21.8 |
| | Barge | 122 | 70 | 192 | 1 134 450 | 1 155 560 | - | - | - | - | 755 | - | 1 156 315 | 3.1 |
| | Tanker | 22 | 43 | 65 | 401 515 | 181 343 | - | - | - | - | - | - | 181 343 | 0.5 |
| | Total Laker | 564 | 474 | 1 038 | 13 474 051 | 9 481 900 | - | - | - | - | 25 844 | - | 9 507 744 | 25.4 |
| Non-Cargo Passenger | | - | 302 | 302 | 132 680 | - | - | - | - | - | - | - | - | - |
| | | 6 | 1 | 7 | 26 871 | - | - | - | - | - | - | - | - | - |
| | Total Upbound | 905 | 931 | 1 836 | 20 861 259 | 10 302 975 | - | 17 600 | - | 355 | 3 274 184 | 177 405 | 13 772 519 | 36.8 |
| DOWNBOUND: | | | | | | | | | | | | | | |
| Ocean: | Cargo | 400 | 46 | 446 | 6 816 495 | 519 598 | - | 5 891 108 | 69 469 | - | 11 991 | - | 6 492 166 | 17.3 |
| | Barge | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Tanker | 24 | 20 | 44 | 411 127 | 160 066 | - | - | - | - | - | - | 160 066 | 0.4 |
| | Total Ocean | 424 | 66 | 490 | 7 227 622 | 679 664 | - | 5 891 108 | 69 469 | - | 11 991 | - | 6 652 232 | 17.8 |
| Laker: | Cargo | 678 | 104 | 782 | 11 968 847 | 4 192 579 | 4 518 099 | 7 414 030 | - | - | - | - | 16 124 708 | 43.1 |
| | Barge | 70 | 123 | 193 | 1 155 081 | 328 669 | - | 185 581 | - | - | 320 | - | 514 570 | 1.4 |
| | Tanker | 48 | 17 | 65 | 403 125 | 376 856 | - | - | - | - | - | - | 376 856 | 1.0 |
| | Total Laker | 796 | 244 | 1 040 | 13 527 053 | 4 898 104 | 4 518 099 | 7 599 611 | - | - | 320 | - | 17 016 134 | 45.4 |
| Non-Cargo Passenger | | - | 305 | 305 | 111 071 | - | - | - | - | - | - | - | - | - |
| | | 7 | 2 | 9 | 32 512 | - | - | - | - | - | - | - | - | - |
| | Total Downbound | 1 227 | 617 | 1 844 | 20 898 258 | 5 577 768 | 4 518 099 | 13 490 719 | 69 469 | - | 12 311 | - | 23 668 366 | 63.2 |
| TOTALS: | | | | | | | | | | | | | | |
| Ocean: | Cargo | 714 | 177 | 891 | 13 633 025 | 1 179 629 | - | 5 908 708 | 69 469 | 355 | 3 260 331 | 177 405 | 10 595 897 | 28.3 |
| | Barge | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Tanker | 45 | 43 | 88 | 822 254 | 321 110 | - | - | - | - | - | - | 321 110 | 0.9 |
| | Total Ocean | 759 | 220 | 979 | 14 455 279 | 1 500 739 | - | 5 908 708 | 69 469 | 355 | 3 260 331 | 177 405 | 10 917 007 | 29.2 |
| Laker: | Cargo | 1 098 | 465 | 1 563 | 23 906 933 | 12 337 576 | 4 518 099 | 7 414 030 | - | - | 25 089 | - | 24 294 794 | 64.9 |
| | Barge | 192 | 193 | 385 | 2 289 531 | 1 484 229 | - | 185 581 | - | - | 1 075 | - | 1 670 885 | 4.5 |
| | Tanker | 70 | 60 | 130 | 804 640 | 558 199 | - | - | - | - | - | - | 558 199 | 1.5 |
| | Total Laker | 1 360 | 718 | 2 078 | 27 001 104 | 14 380 004 | 4 518 099 | 7 599 611 | - | - | 26 164 | - | 26 523 878 | 70.8 |
| Non-Cargo Passenger | | - | 607 | 607 | 243 751 | - | - | - | - | - | - | - | - | - |
| | | 13 | 3 | 16 | 59 383 | - | - | - | - | - | - | - | - | - |
| GRAND TOTAL | | 2 132 | 1 548 | 3 680 | 41 759 517 | 15 880 743 | 4 518 099 | 13 508 319 | 69 469 | 355 | 3 286 495 | 177 405 | 37 440 885 | 100.0 |

**TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1999**

TABLE W2

(Previously TABLE 9W)

WELLAND CANAL SECTION

| COMMODITY | CARGO TONNES | | | | | | | | % OF TOTAL |
|-------------------------------------|-------------------|------------------|-------------------|---------------|------------|------------------|----------------|-------------------|--------------|
| | Bulk | Coal | Grains | Govt. Aid | Con-tainer | General | Steel Slab | Total | |
| Wheat | - | - | 6 422 848 | 69 469 | - | - | - | 6 492 317 | 17.3 |
| Corn | - | - | 2 942 217 | - | - | - | - | 2 942 217 | 7.9 |
| Rye | - | - | - | - | - | - | - | - | - |
| Oats | - | - | 8 482 | - | - | - | - | 8 482 | 0.0 |
| Barley | - | - | 126 382 | - | - | - | - | 126 382 | 0.3 |
| Canola (Rapeseed) (1) | - | - | 346 074 | - | - | - | - | 346 074 | 0.9 |
| Canola Meal, Pellets (1) | - | - | 70 829 | - | - | - | - | 70 829 | 0.2 |
| Flour, Wheat & Other Edible | - | - | - | - | - | - | - | - | - |
| Soybeans | - | - | 2 429 232 | - | - | - | - | 2 429 232 | 6.5 |
| Soybean Oil Cake, Meal, Pellets | - | - | 192 158 | - | - | - | - | 192 158 | 0.5 |
| Beans and Peas | - | - | 470 818 | - | - | - | - | 470 818 | 1.3 |
| Flaxseed | - | - | 221 353 | - | - | - | - | 221 353 | 0.6 |
| Sunflower Seeds | - | - | 89 193 | - | - | - | - | 89 193 | 0.2 |
| Other Agricultural Products | - | - | 188 733 | - | - | - | - | 188 733 | 0.5 |
| Total Agricultural Products | - | - | 13 508 319 | 69 469 | - | - | - | 13 577 788 | 36.3 |
| Packing House Products, Edible | - | - | - | - | - | - | - | - | - |
| Hides, Skins, Pelts, Wool | - | - | - | - | - | - | - | - | - |
| Other Animal Products | 11 580 | - | - | - | - | - | - | 11 580 | 0.0 |
| Total Animal Products | 11 580 | - | - | - | - | - | - | 11 580 | 0.0 |
| Bituminous Coal | - | 4 518 099 | - | - | - | - | - | 4 518 099 | 12.1 |
| Coke | 623 627 | - | - | - | - | - | - | 623 627 | 1.7 |
| Iron Ore | 5 822 615 | - | - | - | - | - | - | 5 822 615 | 15.6 |
| Aluminum Ore and Concentrates | 137 515 | - | - | - | - | - | - | 137 515 | 0.4 |
| Clay and Bentonite | 175 661 | - | - | - | - | - | - | 175 661 | 0.5 |
| Gravel and Sand | 228 871 | - | - | - | - | - | - | 228 871 | 0.6 |
| Stone (2) | 859 859 | - | - | - | - | - | - | 859 859 | 2.3 |
| Salt | 2 154 900 | - | - | - | - | - | - | 2 154 900 | 5.8 |
| Potash (3) | 194 164 | - | - | - | - | - | - | 194 164 | 0.5 |
| Gypsum (3) | - | - | - | - | - | - | - | - | - |
| Asphalt (3) | 64 712 | - | - | - | - | - | - | 64 712 | 0.2 |
| Other Mine Products | 415 331 | - | - | - | - | - | - | 415 331 | 1.1 |
| Total Mine Products | 10 677 255 | 4 518 099 | - | - | - | - | - | 15 195 354 | 40.6 |
| Lumber (4) | - | - | - | - | - | - | - | - | - |
| Other Forest Products | - | - | - | - | - | - | - | - | - |
| Total Forest Products | - | - | - | - | - | - | - | - | - |
| Gasoline | 63 662 | - | - | - | - | - | - | 63 662 | 0.2 |
| Fuel Oil | 474 539 | - | - | - | - | - | - | 474 539 | 1.3 |
| Other Petroleum Products | 38 621 | - | - | - | - | - | - | 38 621 | 0.1 |
| Chemicals | 397 010 | - | - | - | 14 | - | - | 397 024 | 1.1 |
| Sodium Products | 77 394 | - | - | - | - | - | - | 77 394 | 0.2 |
| Tar, Pitch and Creosote | 45 387 | - | - | - | - | - | - | 45 387 | 0.1 |
| Pig Iron | 225 935 | - | - | - | - | - | - | 225 935 | 0.6 |
| Iron and Steel (5) | 113 | - | - | - | - | 3 157 220 | - | 3 157 333 | 8.4 |
| Steel Slab (5) | - | - | - | - | - | - | 177 405 | 177 405 | 0.5 |
| Machinery and Machines | 3 717 | - | - | - | 152 | 24 904 | - | 28 773 | 0.1 |
| Cement | 1 602 864 | - | - | - | - | - | - | 1 602 864 | 4.3 |
| Cement Clinker (6) | 1 274 137 | - | - | - | - | - | - | 1 274 137 | 3.4 |
| Woodpulp | 48 037 | - | - | - | - | - | - | 48 037 | 0.1 |
| Newsprint and Paper Products (7) | - | - | - | - | - | 5 054 | - | 5 054 | 0.0 |
| Syrup and Molasses | - | - | - | - | - | - | - | - | - |
| Sugar | 9 817 | - | - | - | - | - | - | 9 817 | 0.0 |
| Food Products | - | - | - | - | - | - | - | - | - |
| Furnace Slaas (6) | 659 994 | - | - | - | - | - | - | 659 994 | 1.8 |
| Scrap Iron and Steel | 126 082 | - | - | - | - | - | - | 126 082 | 0.3 |
| Other Manufactures and Misc. (8) | 144 599 | - | - | - | 189 | 99 317 | - | 244 105 | 0.7 |
| Total Manufactures and Misc. | 5 191 908 | - | - | - | 355 | 3 286 495 | 177 405 | 8 656 163 | 23.1 |
| GRAND TOTAL | 15 880 743 | 4 518 099 | 13 508 319 | 69 469 | 355 | 3 286 495 | 177 405 | 37 440 885 | 100.0 |

(1) Previously under Other Agricultural Products.

(2) Previously under two Stone categories: Ground or Crushed; Rough.

(3) Previously under Other Mine Products.

(4) Previously under Other Forest Products.

(5) Previously under three Iron & Steel categories: Bars, Rods, Slab; Nails & Wire; Manufactured.

(6) Previously under Other Manufactures and Misc.

(7) Paper Products previously under Manufactures and Misc.

(8) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1999**

TABLE W3 - Part A

(Previously TABLE 10W - PART A)

WELLAND CANAL SECTION

| NO. | COMMODITY | From: To: | UPBOUND TONNES | | | | | | TOTAL UPBOUND | % OF TOTAL UP- BOUND |
|-----|-------------------------------------|--------------|----------------|---------------|---------------|---------------|-----------|---------------|------------------|-------------------------------|
| | | | CANADA | | UNITED STATES | | FOREIGN | | | |
| | | | Canada | United States | Canada | United States | Canada | United States | | |
| 1 | Wheat | - | - | - | - | - | - | - | - | |
| 2 | Corn | - | - | - | - | - | - | - | - | |
| 3 | Rye | - | - | - | - | - | - | - | - | |
| 4 | Oats | - | - | - | - | - | - | - | - | |
| 5 | Barley | - | - | - | - | - | - | - | - | |
| 6 | Canola (Rapeseed) (1) | - | - | - | - | 17 600 | - | 17 600 | 0.1 | |
| 7 | Canola Meal, Pellets (1) | - | - | - | - | - | - | - | - | |
| 8 | Flour, Wheat & Other Edible | - | - | - | - | - | - | - | - | |
| 9 | Soybeans | - | - | - | - | - | - | - | - | |
| 10 | Soybean Oil Cake, Meal, Pellets | - | - | - | - | - | - | - | - | |
| 11 | Beans and Peas | - | - | - | - | - | - | - | - | |
| 12 | Flaxseed | - | - | - | - | - | - | - | - | |
| 13 | Sunflower Seeds | - | - | - | - | - | - | - | - | |
| 14 | Other Agricultural Products | - | - | - | - | - | - | - | - | |
| 15 | Total Agricultural Products | - | - | - | - | 17 600 | - | 17 600 | 0.1 | |
| 16 | Packing House Products, Edible | - | - | - | - | - | - | - | - | |
| 17 | Hides, Skins, Pelts, Wool | - | - | - | - | - | - | - | - | |
| 18 | Other Animal Products | - | - | - | - | - | - | - | - | |
| 19 | Total Animal Products | - | - | - | - | - | - | - | - | |
| 20 | Bituminous Coal | - | - | - | - | - | - | - | - | |
| 21 | Coke | - | 80 526 | - | - | - | 18 520 | 99 046 | 0.7 | |
| 22 | Iron Ore | 267 997 | 4 920 537 | - | - | - | - | 5 188 534 | 37.7 | |
| 23 | Aluminum Ore and Concentrates | 23 592 | - | - | - | 43 116 | 50 061 | 116 769 | 0.8 | |
| 24 | Clay and Bentonite | - | - | - | - | - | 2 252 | 2 252 | 0.0 | |
| 25 | Gravel and Sand | - | - | - | - | - | 17 155 | 17 155 | 0.1 | |
| 26 | Stone (2) | - | 546 334 | - | - | - | - | 546 334 | 4.0 | |
| 27 | Salt | - | - | - | - | - | 3 991 | 3 991 | 0.0 | |
| 28 | Potash (3) | - | - | - | - | - | - | - | - | |
| 29 | Gypsum (3) | - | - | - | - | - | - | - | - | |
| 30 | Asphalt (3) | - | - | - | - | - | - | - | - | |
| 31 | Other Mine Products | 25 040 | 31 867 | - | - | 62 645 | 85 015 | 204 567 | 1.5 | |
| 32 | Total Mine Products | 316 629 | 5 579 264 | - | - | 105 761 | 176 994 | 6 178 648 | 44.9 | |
| 33 | Lumber (4) | - | - | - | - | - | - | - | - | |
| 34 | Other Forest Products | - | - | - | - | - | - | - | - | |
| 35 | Total Forest Products | - | - | - | - | - | - | - | - | |
| 36 | Gasoline | 46 341 | 17 321 | - | - | - | - | 63 662 | 0.5 | |
| 37 | Fuel Oil | 159 852 | - | - | - | - | - | 159 852 | 1.2 | |
| 38 | Other Petroleum Products | 29 288 | 3 039 | - | - | - | - | 32 327 | 0.2 | |
| 39 | Chemicals | - | - | - | - | 13 911 | 43 684 | 57 595 | 0.4 | |
| 40 | Sodium Products | - | - | 77 394 | - | - | - | 77 394 | 0.6 | |
| 41 | Tar, Pitch and Creosote | - | - | - | - | - | 12 681 | 12 681 | 0.1 | |
| 42 | Pig Iron | 2 103 | 106 350 | - | - | - | 117 482 | 225 935 | 1.6 | |
| 43 | Iron and Steel (5) | - | 559 | - | - | 365 965 | 2 787 905 | 3 154 429 | 22.9 | |
| 44 | Steel Slab (5) | - | 17 078 | - | - | - | 160 327 | 177 405 | 1.3 | |
| 45 | Machinery and Machines | 445 | - | - | - | 3 270 | 18 248 | 21 963 | 0.2 | |
| 46 | Cement | - | 1 597 853 | - | - | 5 011 | - | 1 602 864 | 11.6 | |
| 47 | Cement Clinker (6) | - | 1 274 137 | - | - | - | - | 1 274 137 | 9.3 | |
| 48 | Woodpulp | - | - | - | - | - | 9 007 | 9 007 | 0.1 | |
| 49 | Newsprint and Paper Products (7) | - | - | - | - | - | - | - | - | |
| 50 | Syrup and Molasses | - | - | - | - | - | - | - | - | |
| 51 | Sugar | - | - | - | - | - | 9 817 | 9 817 | 0.1 | |
| 52 | Food Products | - | - | - | - | - | - | - | - | |
| 53 | Furnace Slags (6) | 77 898 | 227 945 | - | - | - | 145 075 | 450 918 | 3.3 | |
| 54 | Scrap Iron and Steel | - | 102 825 | - | - | - | 19 810 | 122 635 | 0.9 | |
| 55 | Other Manufactures and Misc. (8) | - | 33 111 | - | - | 47 386 | 43 153 | 123 650 | 0.9 | |
| 56 | Total Manufactures and Misc. | 315 927 | 3 380 218 | 77 394 | - | 435 543 | 3 367 189 | 7 576 271 | 55.0 | |
| 57 | GRAND TOTAL | 632 556 | 8 959 482 | 77 394 | - | 558 904 | 3 544 183 | 13 772 519 | 100.0 | |

(1) Previously under Other Agricultural Products.

(2) Previously under two Stone categories: Ground or Crushed; Rough.

(3) Previously under Other Mine Products.

(4) Previously under Other Forest products.

(5) Previously combined under Bars, Rods, Slab; Nails & Wire; Manufactured.

(6) Previously under Other Manufactures and Misc.

(7) Paper Products previously under Other Manufactures and Misc.

(8) Includes unclassified cargoes.

**TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1999**

TABLE W3 - Part B

(Previously TABLE 10W - PART B)

WELLAND CANAL SECTION

| | | DOWNBOUND TONNES | | | | | | TOTAL DOWN- BOUND | % OF TOTAL DOWN- BOUND | GRAND TOTALS | | NO. |
|-------|--------|------------------|---------------|---------------|-----------|---------------|--------------------------|-------------------------|---------------------------------|---------------|---------|-----|
| From: | CANADA | | | UNITED STATES | | | TOTAL CARGO TONNES | | | % OF TOTAL | | |
| | To: | Canada | United States | Foreign | Canada | United States | | | | | Foreign | |
| | | 3 634 327 | - | 1 232 806 | 119 621 | - | 1 505 563 | 6 492 317 | 27.4 | 6 492 317 | 17.3 | 1 |
| | | 166 833 | - | 69 444 | 1 878 141 | - | 827 799 | 2 942 217 | 12.4 | 2 942 217 | 7.9 | 2 |
| | | - | - | - | - | - | - | - | - | - | - | 3 |
| | | - | - | 8 482 | - | - | - | 8 482 | 0.0 | 8 482 | 0.0 | 4 |
| | | 14 122 | - | 69 703 | - | - | 42 557 | 126 382 | 0.5 | 126 382 | 0.3 | 5 |
| | | 99 843 | - | 228 631 | - | - | - | 328 474 | 1.4 | 346 074 | 0.9 | 6 |
| | | 4 792 | - | 66 037 | - | - | - | 70 829 | 0.3 | 70 829 | 0.2 | 7 |
| | | - | - | - | - | - | - | - | - | - | - | 8 |
| | | 150 911 | - | 138 241 | 1 419 000 | - | 721 080 | 2 429 232 | 10.3 | 2 429 232 | 6.5 | 9 |
| | | 87 193 | - | 96 583 | 8 382 | - | - | 192 158 | 0.8 | 192 158 | 0.5 | 10 |
| | | - | - | 459 412 | - | - | 11 406 | 470 818 | 2.0 | 470 818 | 1.3 | 11 |
| | | - | - | 221 353 | - | - | - | 221 353 | 0.9 | 221 353 | 0.6 | 12 |
| | | - | - | - | - | - | 89 193 | 89 193 | 0.4 | 89 193 | 0.2 | 13 |
| | | 4 137 | - | 128 466 | - | - | 56 130 | 188 733 | 0.8 | 188 733 | 0.5 | 14 |
| | | 4 162 158 | - | 2 719 158 | 3 425 144 | - | 3 253 728 | 13 560 188 | 57.3 | 13 577 788 | 36.3 | 15 |
| | | - | - | - | - | - | - | - | - | - | - | 16 |
| | | - | - | - | - | - | - | - | - | - | - | 17 |
| | | - | - | - | - | - | 11 580 | 11 580 | 0.0 | 11 580 | 0.0 | 18 |
| | | - | - | - | - | - | 11 580 | 11 580 | 0.0 | 11 580 | 0.0 | 19 |
| | | 243 542 | - | - | 4 274 557 | - | - | 4 518 099 | 19.1 | 4 518 099 | 12.1 | 20 |
| | | 9 386 | - | 48 390 | 387 627 | - | 79 178 | 524 581 | 2.2 | 623 627 | 1.7 | 21 |
| | | - | - | - | 634 081 | - | - | 634 081 | 2.7 | 5 822 615 | 15.6 | 22 |
| | | - | - | 10 018 | - | - | 10 728 | 20 746 | 0.1 | 137 515 | 0.4 | 23 |
| | | - | - | - | 102 039 | - | 71 370 | 173 409 | 0.7 | 175 661 | 0.5 | 24 |
| | | - | - | - | 211 716 | - | - | 211 716 | 0.9 | 228 871 | 0.6 | 25 |
| | | 282 649 | - | - | 5 611 | - | 25 265 | 313 525 | 1.3 | 859 859 | 2.3 | 26 |
| | | 1 313 621 | 379 593 | - | 457 695 | - | - | 2 150 909 | 9.1 | 2 154 900 | 5.8 | 27 |
| | | 78 907 | 11 771 | 103 486 | - | - | - | 194 164 | 0.8 | 194 164 | 0.5 | 28 |
| | | - | - | - | - | - | - | - | - | - | - | 29 |
| | | 9 277 | - | - | 55 435 | - | - | 64 712 | 0.3 | 64 712 | 0.2 | 30 |
| | | 123 930 | - | 3 412 | - | - | 83 422 | 210 764 | 0.9 | 415 331 | 1.1 | 31 |
| | | 2 061 312 | 391 364 | 165 306 | 6 128 761 | - | 269 963 | 9 016 706 | 38.1 | 15 195 354 | 40.6 | 32 |
| | | - | - | - | - | - | - | - | - | - | - | 33 |
| | | - | - | - | - | - | - | - | - | - | - | 34 |
| | | - | - | - | - | - | - | - | - | - | - | 35 |
| | | - | - | - | - | - | - | - | - | 63 662 | 0.2 | 36 |
| | | 291 386 | 6 734 | - | 16 567 | - | - | 314 687 | 1.3 | 474 539 | 1.3 | 37 |
| | | - | 6 294 | - | - | - | - | 6 294 | 0.0 | 38 621 | 0.1 | 38 |
| | | 85 397 | 51 975 | 136 753 | 57 123 | 8 181 | - | 339 429 | 1.4 | 397 024 | 1.1 | 39 |
| | | - | - | - | - | - | - | - | - | 77 394 | 0.2 | 40 |
| | | 20 393 | - | - | 2 174 | - | 10 139 | 32 706 | 0.1 | 45 387 | 0.1 | 41 |
| | | - | - | - | - | - | - | - | - | 225 935 | 0.6 | 42 |
| | | 113 | - | - | - | - | 2 791 | 2 904 | 0.0 | 3 157 333 | 8.4 | 43 |
| | | - | - | - | - | - | - | - | - | 177 405 | 0.5 | 44 |
| | | 3 272 | 2 984 | - | - | - | 554 | 6 810 | 0.0 | 28 773 | 0.1 | 45 |
| | | - | - | - | - | - | - | - | - | 1 602 864 | 4.3 | 46 |
| | | - | - | - | - | - | - | - | - | 1 274 137 | 3.4 | 47 |
| | | - | - | 27 487 | - | - | 11 543 | 39 030 | 0.2 | 48 037 | 0.1 | 48 |
| | | - | - | 5 054 | - | - | - | 5 054 | 0.0 | 5 054 | 0.0 | 49 |
| | | - | - | - | - | - | - | - | - | - | - | 50 |
| | | - | - | - | - | - | - | - | - | 9 817 | 0.0 | 51 |
| | | - | - | - | - | - | - | - | - | - | - | 52 |
| | | 85 520 | - | - | 123 556 | - | - | 209 076 | 0.9 | 659 994 | 1.8 | 53 |
| | | 3 447 | - | - | - | - | - | 3 447 | 0.0 | 126 082 | 0.3 | 54 |
| | | 3 937 | 115 390 | 1 128 | - | - | - | 120 455 | 0.5 | 244 105 | 0.7 | 55 |
| | | 493 465 | 183 377 | 170 422 | 199 420 | 8 181 | 25 027 | 1 079 892 | 4.6 | 8 656 163 | 23.1 | 56 |
| | | 6 716 935 | 574 741 | 3 054 886 | 9 753 325 | 8 181 | 3 560 298 | 23 668 366 | 63.2 | 37 440 885 | 100.0 | 57 |

**TRAFFIC BY MONTH AND TYPE OF CARGO
1999**

TABLE W4

(Previously TABLE 13W)

WELLAND CANAL SECTION

| DIRECTION AND MONTH | VESSEL TRANSITS | | | GROSS REGISTERED TONNAGE | CARGO TONNES | | | | | | | | |
|------------------------|-----------------|--------------|--------------|--------------------------|-------------------|------------------|-------------------|---------------|-------------|------------------|----------------|-------------------|--------------|
| | Loaded | Ballast | Total | | Bulk | Coal | Grains | Govt. Aid | Con-tainers | General | Steel Slab | Total | % |
| UPBOUND: | | | | | | | | | | | | | |
| March | 4 | 8 | 12 | 112 254 | 40 200 | - | - | - | - | 24 600 | - | 64 800 | 0.2 |
| April | 88 | 110 | 198 | 2 145 695 | 972 065 | - | - | - | 83 | 271 473 | 18 133 | 1 261 754 | 3.4 |
| May | 101 | 105 | 206 | 2 418 298 | 1 131 545 | - | - | - | 158 | 328 130 | 36 239 | 1 496 072 | 4.0 |
| June | 106 | 101 | 207 | 2 182 020 | 1 081 230 | - | - | - | 22 | 356 031 | 17 680 | 1 454 963 | 3.9 |
| July | 107 | 87 | 194 | 2 160 628 | 1 292 026 | - | - | - | - | 364 618 | 340 | 1 656 984 | 4.4 |
| August | 102 | 101 | 203 | 2 113 489 | 1 168 965 | - | 17 600 | - | 17 | 309 483 | 35 316 | 1 531 381 | 4.1 |
| September | 106 | 89 | 195 | 2 311 025 | 1 310 824 | - | - | - | 15 | 430 389 | 17 691 | 1 758 919 | 4.7 |
| October | 98 | 132 | 230 | 2 717 265 | 1 146 794 | - | - | - | 60 | 379 600 | 144 | 1 526 598 | 4.1 |
| November | 126 | 127 | 253 | 3 150 653 | 1 206 126 | - | - | - | - | 631 261 | 51 862 | 1 889 249 | 5.0 |
| December | 67 | 70 | 137 | 1 549 020 | 953 200 | - | - | - | - | 178 599 | - | 1 131 799 | 3.0 |
| January | - | 1 | 1 | 912 | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Upbound | 905 | 931 | 1 836 | 20 861 259 | 10 302 975 | - | 17 600 | - | 355 | 3 274 184 | 177 405 | 13 772 519 | 36.8 |
| DOWNBOUND: | | | | | | | | | | | | | |
| March | - | 2 | 2 | 12 007 | - | - | - | - | - | - | - | - | - |
| April | 100 | 74 | 174 | 1 716 967 | 536 942 | 609 514 | 826 666 | - | - | - | - | 1 973 122 | 5.3 |
| May | 138 | 68 | 206 | 2 392 333 | 758 166 | 463 127 | 1 541 738 | - | - | - | - | 2 763 031 | 7.4 |
| June | 131 | 80 | 211 | 2 249 024 | 682 201 | 567 568 | 1 216 149 | - | - | 320 | - | 2 466 238 | 6.6 |
| July | 123 | 69 | 192 | 2 104 219 | 523 641 | 507 535 | 1 227 306 | - | - | 5 054 | - | 2 263 536 | 6.0 |
| August | 126 | 74 | 200 | 2 124 314 | 434 350 | 628 786 | 1 299 397 | 69 469 | - | 3 373 | - | 2 435 375 | 6.5 |
| September | 128 | 62 | 190 | 2 160 443 | 723 433 | 382 991 | 1 336 473 | - | - | 110 | - | 2 443 007 | 6.5 |
| October | 164 | 67 | 231 | 2 708 629 | 740 119 | 461 530 | 2 055 257 | - | - | 106 | - | 3 257 012 | 8.7 |
| November | 166 | 68 | 234 | 2 814 613 | 583 264 | 534 588 | 2 073 220 | - | - | 3 348 | - | 3 194 420 | 8.5 |
| December | 150 | 52 | 202 | 2 600 089 | 595 652 | 362 460 | 1 895 399 | - | - | - | - | 2 853 511 | 7.6 |
| January | 1 | 1 | 2 | 15 620 | - | - | 19 114 | - | - | - | - | 19 114 | 0.1 |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Downbound | 1 227 | 617 | 1 844 | 20 898 258 | 5 577 768 | 4 518 099 | 13 490 719 | 69 469 | - | 12 311 | - | 23 668 366 | 63.2 |
| TOTALS: | | | | | | | | | | | | | |
| March | 4 | 10 | 14 | 124 261 | 40 200 | - | - | - | - | 24 600 | - | 64 800 | 0.2 |
| April | 188 | 184 | 372 | 3 862 662 | 1 509 007 | 609 514 | 826 666 | - | 83 | 271 473 | 18 133 | 3 234 876 | 8.6 |
| May | 239 | 173 | 412 | 4 810 631 | 1 889 711 | 463 127 | 1 541 738 | - | 158 | 328 130 | 36 239 | 4 259 103 | 11.4 |
| June | 237 | 181 | 418 | 4 431 044 | 1 763 431 | 567 568 | 1 216 149 | - | 22 | 356 351 | 17 680 | 3 921 201 | 10.5 |
| July | 230 | 156 | 386 | 4 264 847 | 1 815 667 | 507 535 | 1 227 306 | - | - | 369 672 | 340 | 3 920 520 | 10.5 |
| August | 228 | 175 | 403 | 4 237 803 | 1 603 315 | 628 786 | 1 316 997 | 69 469 | 17 | 312 856 | 35 316 | 3 966 756 | 10.6 |
| September | 234 | 151 | 385 | 4 471 468 | 2 034 257 | 382 991 | 1 336 473 | - | 15 | 430 499 | 17 691 | 4 201 926 | 11.2 |
| October | 262 | 199 | 461 | 5 425 894 | 1 886 913 | 461 530 | 2 055 257 | - | 60 | 379 706 | 144 | 4 783 610 | 12.8 |
| November | 292 | 195 | 487 | 5 965 266 | 1 789 390 | 534 588 | 2 073 220 | - | - | 634 609 | 51 862 | 5 083 669 | 13.6 |
| December | 217 | 122 | 339 | 4 149 109 | 1 548 852 | 362 460 | 1 895 399 | - | - | 178 599 | - | 3 985 310 | 10.6 |
| January | 1 | 2 | 3 | 16 532 | - | - | 19 114 | - | - | - | - | 19 114 | 0.1 |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - |
| GRAND TOTAL | 2 132 | 1 548 | 3 680 | 41 759 517 | 15 880 743 | 4 518 099 | 13 508 319 | 69 469 | 355 | 3 286 495 | 177 405 | 37 440 885 | 100.0 |

TRAFFIC RESULTS
1980 - 1999

TABLE W5

(Previously HISTORICAL TABLE 14W)

WELLAND CANAL SECTION

| YEAR | VESSEL TRANSITS | | | CARGO TONNES | | | GROSS REGISTERED TONNAGE | | |
|--------------|-----------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------------|--------------------|----------------------|
| | Upbound | Downbound | Total | Upbound | Downbound | Total | Upbound | Downbound | Total |
| 1980 | 3 287 | 3 280 | 6 567 | 11 986 348 | 47 619 633 | 59 605 981 | 37 615 582 | 37 629 374 | 75 244 956 |
| 1981 | 2 979 | 2 963 | 5 942 | 16 601 880 | 42 248 995 | 58 850 875 | 34 350 642 | 34 188 081 | 68 538 723 |
| 1982 | 2 578 | 2 577 | 5 155 | 8 824 472 | 40 199 632 | 49 024 104 | 31 824 878 | 31 728 971 | 63 553 849 |
| 1983 | 2 356 | 2 351 | 4 707 | 12 305 327 | 37 839 759 | 50 145 086 | 30 442 985 | 30 112 815 | 60 555 800 |
| 1984 | 2 369 | 2 381 | 4 750 | 14 079 793 | 39 837 065 | 53 916 858 | 31 561 360 | 31 673 380 | 63 234 740 |
| 1985 | 1 908 | 1 918 | 3 826 | 10 887 501 | 30 964 259 | 41 851 760 | 25 154 052 | 25 156 487 | 50 310 539 |
| 1986 | 1 989 | 1 970 | 3 959 | 10 224 030 | 31 388 740 | 41 612 770 | 26 292 247 | 26 191 305 | 52 483 552 |
| 1987 | 1 972 | 1 942 | 3 914 | 11 430 043 | 31 294 712 | 42 724 755 | 25 866 562 | 25 827 198 | 51 693 760 |
| 1988 | 1 963 | 1 946 | 3 909 | 12 363 992 | 31 172 325 | 43 536 317 | 25 678 177 | 25 497 142 | 51 175 319 |
| 1989 | 1 794 | 1 804 | 3 598 | 12 113 108 | 27 796 342 | 39 909 450 | 22 736 432 | 22 999 006 | 45 735 438 |
| 1990 | 1 794 | 1 783 | 3 577 | 11 961 465 | 27 436 435 | 39 397 900 | 22 358 350 | 22 224 174 | 44 582 524 |
| 1991 | 1 795 | 1 775 | 3 570 | 7 883 689 | 29 035 283 | 36 918 972 | 22 847 289 | 22 592 678 | 45 439 967 |
| 1992 | 1 579 | 1 561 | 3 140 | 8 333 241 | 24 841 277 | 33 174 518 | 20 243 685 | 20 098 051 | 40 341 736 |
| 1993 | 1 460 | 1 467 | 2 927 | 11 230 122 | 20 584 897 | 31 815 019 | 18 072 909 | 17 990 480 | 36 063 389 |
| 1994 | 1 693 | 1 685 | 3 378 | 15 832 507 | 23 870 582 | 39 703 089 | 21 463 429 | 21 396 077 | 42 859 506 |
| 1995 | 1 654 | 1 641 | 3 295 | 12 462 085 | 26 914 248 | 39 376 333 | 22 114 295 | 21 957 301 | 44 071 596 |
| 1996 | 1 661 | 1 646 | 3 307 | 16 100 765 | 25 044 449 | 41 145 214 | 22 305 537 | 22 075 614 | 44 381 151 |
| 1997 | 1 687 | 1 697 | 3 384 | 14 964 754 | 25 937 733 | 40 902 487 | 22 383 678 | 22 317 899 | 44 701 577 |
| 1998 | 1 716 | 1 711 | 3 427 | 16 490 774 | 24 154 823 | 40 645 597 | 22 562 174 | 22 498 816 | 45 060 990 |
| 1999 | 1 836 | 1 844 | 3 680 | 13 772 519 | 23 668 366 | 37 440 885 | 20 861 259 | 20 898 258 | 41 759 517 |
| TOTAL | 40 070 | 39 942 | 80 012 | 249 848 415 | 611 849 555 | 861 697 970 | 506 735 522 | 505 053 107 | 1 011 788 629 |

**CARGO BY TARIFF CLASSIFICATION
1980 - 1999**

TABLE W6

(Previously HISTORICAL TABLE 15W)

WELLAND CANAL SECTION

| YEAR | BULK | | COAL | | GRAINS | | GOVT. AID | | CONTAINERS | | GENERAL | | STEEL SLAB | | TOTAL | |
|--------------|--------------------|-------------|------------------|------------|--------------------|-------------|------------------|------------|----------------|------------|-------------------|------------|----------------|------------|--------------------|--------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 29 597 504 | 49.7 | N/A | - | 28 144 695 | 47.2 | 168 103 | 0.3 | 139 942 | 0.2 | 1 555 737 | 2.6 | N/A | - | 59 605 981 | 100.0 |
| 1981 | 30 284 988 | 51.5 | N/A | - | 25 556 622 | 43.4 | 242 580 | 0.4 | 39 188 | 0.1 | 2 727 497 | 4.6 | N/A | - | 58 850 875 | 100.0 |
| 1982 | 21 490 570 | 43.8 | N/A | - | 25 179 641 | 51.4 | 290 707 | 0.6 | 53 826 | 0.1 | 2 009 360 | 4.1 | N/A | - | 49 024 104 | 100.0 |
| 1983 | 22 059 063 | 44.0 | N/A | - | 24 804 023 | 49.5 | 294 326 | 0.6 | 37 356 | 0.1 | 2 950 318 | 5.9 | N/A | - | 50 145 086 | 100.0 |
| 1984 | 24 972 587 | 46.3 | N/A | - | 24 441 099 | 45.3 | 229 730 | 0.4 | 111 011 | 0.2 | 4 162 431 | 7.7 | N/A | - | 53 916 858 | 100.0 |
| 1985 | 21 168 333 | 50.6 | N/A | - | 17 024 549 | 40.7 | 261 476 | 0.6 | 79 154 | 0.2 | 3 318 248 | 7.9 | N/A | - | 41 851 760 | 100.0 |
| 1986 | 21 182 530 | 50.9 | N/A | - | 17 015 294 | 40.9 | 227 432 | 0.5 | 22 966 | 0.1 | 3 164 548 | 7.6 | N/A | - | 41 612 770 | 100.0 |
| 1987 | 20 427 881 | 47.8 | N/A | - | 19 072 346 | 44.6 | 210 398 | 0.5 | 24 308 | 0.1 | 2 989 822 | 7.0 | N/A | - | 42 724 755 | 100.0 |
| 1988 | 24 119 789 | 55.4 | N/A | - | 16 062 624 | 36.9 | 84 327 | 0.2 | 23 490 | 0.1 | 3 246 087 | 7.5 | N/A | - | 43 536 317 | 100.0 |
| 1989 | 24 387 306 | 61.1 | N/A | - | 12 094 818 | 30.3 | 151 603 | 0.4 | 16 644 | 0.0 | 3 259 079 | 8.2 | N/A | - | 39 909 450 | 100.0 |
| 1990 | 23 788 081 | 60.4 | N/A | - | 12 656 979 | 32.1 | 67 217 | 0.2 | 12 025 | 0.0 | 2 873 598 | 7.3 | N/A | - | 39 397 900 | 100.0 |
| 1991 | 18 326 722 | 49.6 | N/A | - | 15 851 375 | 42.9 | 121 628 | 0.3 | 10 274 | 0.0 | 2 608 973 | 7.1 | N/A | - | 36 918 972 | 100.0 |
| 1992 | 18 179 814 | 54.8 | N/A | - | 12 485 974 | 37.6 | 77 737 | 0.2 | 16 351 | 0.0 | 2 414 642 | 7.3 | N/A | - | 33 174 518 | 100.0 |
| 1993 | 17 251 886 | 54.2 | N/A | - | 11 209 047 | 35.2 | 54 905 | 0.2 | 21 726 | 0.1 | 3 277 455 | 10.3 | N/A | - | 31 815 019 | 100.0 |
| 1994 | 20 661 562 | 52.0 | N/A | - | 13 576 191 | 34.2 | 54 768 | 0.1 | 9 653 | 0.0 | 5 400 915 | 13.6 | N/A | - | 39 703 089 | 100.0 |
| 1995 | 20 890 620 | 53.1 | N/A | - | 14 972 524 | 38.0 | 18 225 | 0.0 | 10 115 | 0.0 | 3 484 849 | 8.9 | N/A | - | 39 376 333 | 100.0 |
| 1996 | 23 621 910 | 57.4 | N/A | - | 12 728 928 | 30.9 | - | - | 1 279 | 0.0 | 4 793 097 | 11.6 | N/A | - | 41 145 214 | 100.0 |
| 1997 | 23 110 570 | 56.5 | N/A | - | 13 721 447 | 33.5 | - | - | 2 209 | 0.0 | 4 068 261 | 9.9 | N/A | - | 40 902 487 | 100.0 |
| 1998 | 22 004 090 | 54.1 | N/A | - | 13 162 425 | 32.4 | 15 828 | 0.0 | 837 | 0.0 | 5 462 417 | 13.4 | N/A | - | 40 645 597 | 100.0 |
| 1999 | 15 880 743 | 42.4 | 4 518 099 | 12.0 | 13 508 319 | 36.1 | 69 469 | 0.2 | 355 | 0.0 | 3 286 495 | 8.8 | 177 405 | 0.5 | 37 440 885 | 100.0 |
| TOTAL | 443 406 549 | 51.5 | 4 518 099 | 0.5 | 343 268 920 | 39.8 | 2 640 459 | 0.3 | 632 709 | 0.1 | 67 053 829 | 7.8 | 177 405 | 0.0 | 861 697 970 | 100.0 |

VESSEL TRANSITS
1980 - 1999

TABLE W7

(Previously HISTORICAL TABLE 17W)

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 |
| 1980 | 11 986 348 | 917 | 2 370 | 3 287 | 47 619 633 | 2 992 | 288 | 3 280 | 59 605 981 | 3 909 | 2 658 | 6 567 |
| 1981 | 16 601 880 | 1 172 | 1 807 | 2 979 | 42 248 995 | 2 623 | 340 | 2 963 | 58 850 875 | 3 795 | 2 147 | 5 942 |
| 1982 | 8 824 472 | 641 | 1 937 | 2 578 | 40 199 632 | 2 320 | 257 | 2 577 | 49 024 104 | 2 961 | 2 194 | 5 155 |
| 1983 | 12 305 327 | 789 | 1 567 | 2 356 | 37 839 759 | 2 115 | 236 | 2 351 | 50 145 086 | 2 904 | 1 803 | 4 707 |
| 1984 | 14 079 793 | 896 | 1 473 | 2 369 | 39 837 065 | 2 161 | 220 | 2 381 | 53 916 858 | 3 057 | 1 693 | 4 750 |
| 1985 | 10 887 501 | 713 | 1 195 | 1 908 | 30 964 259 | 1 702 | 216 | 1 918 | 41 851 760 | 2 415 | 1 411 | 3 826 |
| 1986 | 10 224 030 | 723 | 1 266 | 1 989 | 31 388 740 | 1 724 | 246 | 1 970 | 41 612 770 | 2 447 | 1 512 | 3 959 |
| 1987 | 11 430 043 | 759 | 1 213 | 1 972 | 31 294 712 | 1 648 | 294 | 1 942 | 42 724 755 | 2 407 | 1 507 | 3 914 |
| 1988 | 12 363 992 | 810 | 1 153 | 1 963 | 31 172 325 | 1 658 | 288 | 1 946 | 43 536 317 | 2 468 | 1 441 | 3 909 |
| 1989 | 12 113 108 | 804 | 990 | 1 794 | 27 796 342 | 1 573 | 231 | 1 804 | 39 909 450 | 2 377 | 1 221 | 3 598 |
| 1990 | 11 961 465 | 767 | 1 027 | 1 794 | 27 436 435 | 1 535 | 248 | 1 783 | 39 397 900 | 2 302 | 1 275 | 3 577 |
| 1991 | 7 883 689 | 600 | 1 195 | 1 795 | 29 035 283 | 1 549 | 226 | 1 775 | 36 918 972 | 2 149 | 1 421 | 3 570 |
| 1992 | 8 333 241 | 642 | 937 | 1 579 | 24 841 277 | 1 335 | 226 | 1 561 | 33 174 518 | 1 977 | 1 163 | 3 140 |
| 1993 | 11 230 122 | 785 | 675 | 1 460 | 20 584 897 | 1 133 | 334 | 1 467 | 31 815 019 | 1 918 | 1 009 | 2 927 |
| 1994 | 15 832 507 | 1 044 | 649 | 1 693 | 23 870 582 | 1 320 | 365 | 1 685 | 39 703 089 | 2 364 | 1 014 | 3 378 |
| 1995 | 12 462 085 | 760 | 894 | 1 654 | 26 914 248 | 1 351 | 290 | 1 641 | 39 376 333 | 2 111 | 1 184 | 3 295 |
| 1996 | 16 100 765 | 964 | 697 | 1 661 | 25 044 449 | 1 261 | 385 | 1 646 | 41 145 214 | 2 225 | 1 082 | 3 307 |
| 1997 | 14 964 754 | 917 | 770 | 1 687 | 25 937 733 | 1 296 | 401 | 1 697 | 40 902 487 | 2 213 | 1 171 | 3 384 |
| 1998 | 16 490 774 | 1 062 | 654 | 1 716 | 24 154 823 | 1 254 | 457 | 1 711 | 40 645 597 | 2 316 | 1 111 | 3 427 |
| 1999 | 13 772 519 | 905 | 931 | 1 836 | 23 668 366 | 1 227 | 617 | 1 844 | 37 440 885 | 2 132 | 1 548 | 3 680 |
| TOTAL | 249 848 415 | 16 670 | 23 400 | 40 070 | 611 849 555 | 33 777 | 6 165 | 39 942 | 861 697 970 | 50 447 | 29 565 | 80 012 |

**COMMODITY GROUPS
1980 - 1999**

TABLE W8

(Previously HISTORICAL TABLE 21W)

WELLAND CANAL SECTION

| YEAR | AGRICULTURAL PRODUCTS | | ANIMAL PRODUCTS | | MINE PRODUCTS | | FOREST PRODUCTS | | MANUFACTURES & MISCELLANEOUS | | PACKAGE FREIGHT | | TOTAL | |
|--------------|-----------------------|-------------|-----------------|------------|--------------------|-------------|-----------------|------------|------------------------------|-------------|-----------------|------------|--------------------|--------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 28 256 940 | 47.4 | 153 243 | 0.3 | 24 017 599 | 40.3 | 35 636 | 0.1 | 6 875 433 | 11.5 | 267 130 | 0.4 | 59 605 981 | 100.0 |
| 1981 | 25 746 229 | 43.7 | 152 928 | 0.3 | 25 358 357 | 43.1 | 29 424 | 0.0 | 7 331 337 | 12.5 | 232 600 | 0.4 | 58 850 875 | 100.0 |
| 1982 | 25 403 722 | 51.8 | 98 017 | 0.2 | 17 354 606 | 35.4 | 19 708 | 0.0 | 6 148 051 | 12.5 | - | - | 49 024 104 | 100.0 |
| 1983 | 24 969 488 | 49.8 | 60 119 | 0.1 | 18 094 828 | 36.1 | 15 555 | 0.0 | 7 005 096 | 14.0 | - | - | 50 145 086 | 100.0 |
| 1984 | 24 566 628 | 45.6 | 48 805 | 0.1 | 21 170 213 | 39.3 | 63 079 | 0.1 | 8 068 133 | 15.0 | - | - | 53 916 858 | 100.0 |
| 1985 | 17 135 063 | 40.9 | 52 827 | 0.1 | 17 125 276 | 40.9 | 31 751 | 0.1 | 7 506 843 | 17.9 | - | - | 41 851 760 | 100.0 |
| 1986 | 17 117 350 | 41.1 | 32 222 | 0.1 | 16 767 409 | 40.3 | 2 114 | 0.0 | 7 693 675 | 18.5 | - | - | 41 612 770 | 100.0 |
| 1987 | 19 167 314 | 44.9 | 19 899 | 0.0 | 16 508 988 | 38.6 | 3 785 | 0.0 | 7 024 769 | 16.4 | - | - | 42 724 755 | 100.0 |
| 1988 | 16 138 054 | 37.1 | 37 693 | 0.1 | 20 092 455 | 46.2 | 20 842 | 0.0 | 7 247 273 | 16.6 | - | - | 43 536 317 | 100.0 |
| 1989 | 12 283 468 | 30.8 | 35 556 | 0.1 | 20 077 371 | 50.3 | 35 159 | 0.1 | 7 477 896 | 18.7 | - | - | 39 909 450 | 100.0 |
| 1990 | 12 801 197 | 32.5 | 9 175 | 0.0 | 19 590 432 | 49.7 | 59 501 | 0.2 | 6 937 595 | 17.6 | - | - | 39 397 900 | 100.0 |
| 1991 | 15 928 350 | 43.1 | 17 645 | 0.0 | 15 183 314 | 41.1 | 21 501 | 0.1 | 5 768 162 | 15.6 | - | - | 36 918 972 | 100.0 |
| 1992 | 12 465 835 | 37.6 | 50 591 | 0.2 | 14 552 519 | 43.9 | 8 874 | 0.0 | 6 096 699 | 18.4 | - | - | 33 174 518 | 100.0 |
| 1993 | 11 255 092 | 35.4 | 33 240 | 0.1 | 13 507 263 | 42.5 | 152 | 0.0 | 7 019 272 | 22.1 | - | - | 31 815 019 | 100.0 |
| 1994 | 13 595 096 | 34.2 | 46 833 | 0.1 | 16 211 797 | 40.8 | - | - | 9 849 363 | 24.8 | - | - | 39 703 089 | 100.0 |
| 1995 | 14 948 276 | 38.0 | 65 505 | 0.2 | 16 399 966 | 41.6 | - | - | 7 962 586 | 20.2 | - | - | 39 376 333 | 100.0 |
| 1996 | 12 708 664 | 30.9 | 13 061 | 0.0 | 18 715 044 | 45.5 | - | - | 9 708 445 | 23.6 | - | - | 41 145 214 | 100.0 |
| 1997 | 13 721 447 | 33.5 | 13 964 | 0.0 | 18 152 561 | 44.4 | 10 073 | 0.0 | 9 004 442 | 22.0 | - | - | 40 902 487 | 100.0 |
| 1998 | 13 144 176 | 32.3 | 14 053 | 0.0 | 16 345 069 | 40.2 | - | - | 11 142 299 | 27.4 | - | - | 40 645 597 | 100.0 |
| 1999 | 13 577 788 | 36.3 | 11 580 | 0.0 | 15 195 354 | 40.6 | - | - | 8 656 163 | 23.1 | - | - | 37 440 885 | 100.0 |
| TOTAL | 344 930 177 | 40.0 | 966 956 | 0.1 | 360 420 421 | 41.8 | 357 154 | 0.1 | 154 523 532 | 17.9 | 499 730 | 0.1 | 861 697 970 | 100.0 |

**U.S. GRAINS
1980 - 1999**

TABLE W9

(previously HISTORICAL TABLE 22W)

WELLAND CANAL SECTION

| YEAR | WHEAT | | CORN | | RYE & OATS | | CANOLA | | BARLEY | | SOYBEANS | | FLAXSEED | | ALL OTHER GRAINS | | TOTAL GRAINS | |
|--------------|-------------------|------------|-------------------|------------|----------------|------------|----------|----------|-------------------|------------|-------------------|------------|---------------|------------|------------------|------------|--------------------|-------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 3 645 127 | 6.1 | 5 908 633 | 9.9 | 174 110 | 0.3 | N/A | - | 737 423 | 1.2 | 1 589 578 | 2.7 | 2 215 | 0.0 | 1 269 181 | 2.1 | 13 326 267 | 22.4 |
| 1981 | 3 556 271 | 6.0 | 3 875 071 | 6.6 | 74 964 | 0.1 | N/A | - | 852 372 | 1.4 | 1 749 653 | 3.0 | 13 227 | 0.0 | 1 340 062 | 2.3 | 11 461 620 | 19.5 |
| 1982 | 2 856 250 | 5.8 | 3 049 131 | 6.2 | 16 727 | 0.0 | N/A | - | 371 819 | 0.8 | 1 255 533 | 2.6 | 14 291 | 0.0 | 1 157 802 | 2.4 | 8 721 553 | 17.8 |
| 1983 | 2 824 695 | 5.6 | 2 172 662 | 4.3 | 24 320 | 0.0 | N/A | - | 861 061 | 1.7 | 420 768 | 0.8 | 1 025 | 0.0 | 782 866 | 1.6 | 7 087 397 | 14.1 |
| 1984 | 3 145 207 | 5.8 | 2 387 026 | 4.4 | 11 453 | 0.0 | N/A | - | 631 537 | 1.2 | 1 016 969 | 1.9 | 5 180 | 0.0 | 814 086 | 1.5 | 8 011 458 | 14.9 |
| 1985 | 1 958 906 | 4.7 | 2 070 840 | 4.9 | - | - | N/A | - | 170 277 | 0.4 | 747 406 | 1.8 | - | - | 391 183 | 0.9 | 5 338 612 | 12.8 |
| 1986 | 2 371 464 | 5.7 | 737 885 | 1.8 | 5 500 | 0.0 | N/A | - | 332 051 | 0.8 | 1 116 132 | 2.7 | 31 504 | 0.1 | 249 633 | 0.6 | 4 844 169 | 11.6 |
| 1987 | 1 715 846 | 4.0 | 1 799 109 | 4.2 | 19 458 | 0.0 | N/A | - | 464 631 | 1.1 | 1 125 750 | 2.6 | - | - | 183 631 | 0.4 | 5 308 425 | 12.4 |
| 1988 | 2 070 330 | 4.8 | 2 188 297 | 5.0 | 10 410 | 0.0 | N/A | - | 599 748 | 1.4 | 634 087 | 1.5 | - | - | 228 448 | 0.5 | 5 731 320 | 13.2 |
| 1989 | 2 203 974 | 5.5 | 2 210 458 | 5.5 | 7 704 | 0.0 | N/A | - | 939 432 | 2.4 | 674 795 | 1.7 | - | - | - | - | 6 036 363 | 15.1 |
| 1990 | 1 871 197 | 4.7 | 1 178 090 | 3.0 | - | - | N/A | - | 846 871 | 2.1 | 319 201 | 0.8 | - | - | 11 965 | 0.0 | 4 227 324 | 10.7 |
| 1991 | 1 331 577 | 3.6 | 1 005 337 | 2.7 | - | - | N/A | - | 533 535 | 1.4 | 365 474 | 1.0 | - | - | 151 638 | 0.4 | 3 387 561 | 9.2 |
| 1992 | 1 586 460 | 4.8 | 1 144 250 | 3.4 | - | - | N/A | - | 1 052 638 | 3.2 | 939 822 | 2.8 | - | - | 88 982 | 0.3 | 4 812 152 | 14.5 |
| 1993 | 2 087 128 | 6.6 | 1 258 032 | 4.0 | - | - | N/A | - | 657 582 | 2.1 | 611 436 | 1.9 | - | - | 57 972 | 0.2 | 4 672 150 | 14.7 |
| 1994 | 1 533 046 | 3.9 | 1 103 424 | 2.8 | - | - | N/A | - | 1 130 725 | 2.8 | 1 484 285 | 3.7 | - | - | 208 528 | 0.5 | 5 460 008 | 13.8 |
| 1995 | 2 971 424 | 7.5 | 2 343 895 | 6.0 | 1 900 | 0.0 | N/A | - | 173 287 | 0.4 | 1 624 272 | 4.1 | - | - | 331 515 | 0.8 | 7 446 293 | 18.9 |
| 1996 | 2 718 233 | 6.6 | 1 279 892 | 3.1 | 11 777 | 0.0 | N/A | - | 54 725 | 0.1 | 1 992 116 | 4.8 | - | - | 44 246 | 0.1 | 6 100 989 | 14.8 |
| 1997 | 1 694 195 | 4.1 | 560 724 | 1.4 | - | - | N/A | - | 576 832 | 1.4 | 1 833 522 | 4.5 | - | - | 45 562 | 0.1 | 4 710 835 | 11.5 |
| 1998 | 2 063 314 | 5.1 | 2 018 736 | 5.0 | - | - | N/A | - | 46 303 | 0.1 | 1 685 671 | 4.1 | 8 856 | 0.0 | 406 790 | 1.0 | 6 229 670 | 15.3 |
| 1999 | 1 625 184 | 4.0 | 2 705 940 | 6.7 | - | - | - | - | 42 557 | 0.1 | 2 140 080 | 5.3 | - | - | 165 111 | 0.4 | 6 678 872 | 16.4 |
| TOTAL | 45 829 828 | 5.3 | 40 997 432 | 4.7 | 358 323 | 0.0 | - | - | 11 075 406 | 1.3 | 23 326 550 | 2.7 | 76 298 | 0.0 | 7 929 201 | 0.9 | 129 593 038 | 15.0 |

**CANADIAN GRAINS
1980 - 1999**

TABLE W10

(Previously HISTORICAL TABLE 23W)

WELLAND CANAL SECTION

| YEAR | WHEAT | | CORN | | RYE & OATS | | CANOLA | | BARLEY | | SOYBEANS | | FLAXSEED | | ALL OTHER GRAINS | | TOTAL GRAINS | |
|--------------|--------------------|-------------|------------------|------------|------------------|------------|----------------|------------|-------------------|------------|------------------|------------|------------------|------------|-------------------|------------|--------------------|-------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 10 649 783 | 17.9 | 864 716 | 1.5 | 643 306 | 1.1 | N/A | - | 1 528 904 | 2.6 | 78 398 | 0.1 | 250 637 | 0.4 | 807 125 | 1.4 | 14 822 869 | 24.9 |
| 1981 | 9 009 025 | 15.3 | 1 197 690 | 2.0 | 492 543 | 0.8 | N/A | - | 2 332 340 | 4.0 | 11 697 | 0.0 | 266 766 | 0.5 | 794 709 | 1.4 | 14 104 770 | 24.0 |
| 1982 | 11 398 883 | 23.3 | 854 334 | 1.7 | 404 914 | 0.8 | N/A | - | 2 945 237 | 6.0 | 69 767 | 0.1 | 249 093 | 0.5 | 549 544 | 1.1 | 16 471 772 | 33.6 |
| 1983 | 12 656 291 | 25.2 | 812 484 | 1.6 | 190 845 | 0.4 | N/A | - | 3 015 068 | 6.0 | 58 184 | 0.1 | 359 750 | 0.7 | 569 605 | 1.1 | 17 662 227 | 35.2 |
| 1984 | 13 124 885 | 24.3 | 571 202 | 1.1 | 68 561 | 0.1 | N/A | - | 1 864 689 | 3.5 | 84 302 | 0.2 | 227 519 | 0.4 | 488 409 | 0.9 | 16 429 567 | 30.5 |
| 1985 | 9 720 211 | 23.2 | 557 673 | 1.3 | 39 948 | 0.1 | N/A | - | 571 414 | 1.4 | 96 921 | 0.2 | 339 500 | 0.8 | 360 174 | 0.9 | 11 685 841 | 27.9 |
| 1986 | 9 067 032 | 21.8 | 386 885 | 0.9 | 100 362 | 0.2 | N/A | - | 1 650 639 | 4.0 | 153 573 | 0.4 | 370 568 | 0.9 | 441 966 | 1.1 | 12 171 025 | 29.2 |
| 1987 | 11 085 376 | 25.9 | 461 804 | 1.1 | 124 605 | 0.3 | N/A | - | 1 008 599 | 2.4 | 148 263 | 0.3 | 374 843 | 0.9 | 560 431 | 1.3 | 13 763 921 | 32.2 |
| 1988 | 8 709 022 | 20.0 | 248 048 | 0.6 | 41 789 | 0.1 | N/A | - | 528 954 | 1.2 | 130 319 | 0.3 | 258 288 | 0.6 | 414 884 | 1.0 | 10 331 304 | 23.7 |
| 1989 | 5 071 541 | 12.7 | 76 996 | 0.2 | 36 204 | 0.1 | N/A | - | 293 205 | 0.7 | 63 650 | 0.2 | 236 815 | 0.6 | 271 240 | 0.7 | 6 049 651 | 15.2 |
| 1990 | 7 495 238 | 19.0 | 214 589 | 0.5 | 11 313 | 0.0 | N/A | - | 278 472 | 0.7 | 45 554 | 0.1 | 165 696 | 0.4 | 218 793 | 0.6 | 8 429 655 | 21.4 |
| 1991 | 11 101 227 | 30.1 | 551 986 | 1.5 | 2 453 | 0.0 | N/A | - | 130 672 | 0.4 | 103 938 | 0.3 | 171 718 | 0.5 | 387 120 | 1.0 | 12 449 114 | 33.7 |
| 1992 | 6 376 326 | 19.2 | 194 648 | 0.6 | 8 801 | 0.0 | N/A | - | 114 808 | 0.3 | 172 710 | 0.5 | 151 311 | 0.5 | 655 218 | 2.0 | 7 673 822 | 23.1 |
| 1993 | 4 813 973 | 15.1 | 59 465 | 0.2 | 14 278 | 0.0 | N/A | - | 38 974 | 0.1 | 210 683 | 0.7 | 254 058 | 0.8 | 1 126 922 | 3.5 | 6 518 353 | 20.5 |
| 1994 | 5 114 963 | 12.9 | 153 076 | 0.4 | 27 355 | 0.1 | N/A | - | 140 140 | 0.4 | 346 546 | 0.9 | 439 356 | 1.1 | 1 894 747 | 4.8 | 8 116 183 | 20.4 |
| 1995 | 5 184 287 | 13.2 | 88 136 | 0.2 | 1 330 | 0.0 | N/A | - | 32 954 | 0.1 | 378 991 | 1.0 | 432 596 | 1.1 | 1 407 937 | 3.6 | 7 526 231 | 19.1 |
| 1996 | 4 363 730 | 10.6 | 120 753 | 0.3 | 22 400 | 0.1 | N/A | - | 366 280 | 0.9 | 297 847 | 0.7 | 359 269 | 0.9 | 1 061 842 | 2.6 | 6 592 121 | 16.0 |
| 1997 | 7 136 235 | 17.4 | 1 892 | 0.0 | 14 956 | 0.0 | N/A | - | 130 753 | 0.3 | 261 228 | 0.6 | 462 489 | 1.1 | 966 654 | 2.4 | 8 974 207 | 21.9 |
| 1998 | 4 689 907 | 11.5 | 18 656 | 0.0 | 3 168 | 0.0 | N/A | - | 31 946 | 0.1 | 220 901 | 0.5 | 491 617 | 1.2 | 1 366 995 | 3.4 | 6 823 190 | 16.8 |
| 1999 | 4 797 664 | 11.8 | 236 277 | 0.6 | 8 482 | 0.0 | 328 474 | 0.8 | 83 825 | 0.2 | 289 152 | 0.7 | 221 353 | 0.5 | 846 620 | 2.1 | 6 811 847 | 16.8 |
| TOTAL | 161 565 599 | 18.7 | 7 671 310 | 0.9 | 2 257 613 | 0.3 | 328 474 | 0.0 | 17 087 873 | 2.0 | 3 222 624 | 0.4 | 6 083 242 | 0.7 | 15 190 935 | 1.8 | 213 407 670 | 24.7 |

**SELECTED MINING COMMODITIES
1980 - 1999**

TABLE W11

(Previously HISTORICAL TABLE 24W)

WELLAND CANAL SECTION

| YEAR | COAL | | COKE | | IRON ORE | | CLAY & BENTONITE | | GRAVEL & SAND | | STONE | | SALT | | SULPHUR | | OTHER MINE | |
|--------------|--------------------|-------------|-------------------|------------|--------------------|-------------|------------------|------------|------------------|------------|-------------------|------------|-------------------|------------|----------------|------------|-------------------|------------|
| | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % | Tonnes | % |
| 1980 | 7 292 903 | 12.2 | 1 434 884 | 2.4 | 11 417 850 | 19.2 | 276 158 | 0.5 | 215 696 | 0.4 | 1 153 395 | 1.9 | 1 417 627 | 2.4 | 157 181 | 0.3 | 651 905 | 1.1 |
| 1981 | 6 543 019 | 11.1 | 971 038 | 1.6 | 13 735 690 | 23.3 | 198 725 | 0.3 | 224 838 | 0.4 | 1 050 200 | 1.8 | 1 762 967 | 3.0 | 28 233 | 0.0 | 843 647 | 1.4 |
| 1982 | 7 141 242 | 14.6 | 756 836 | 1.5 | 7 016 008 | 14.3 | 142 492 | 0.3 | 130 449 | 0.3 | 115 435 | 0.2 | 1 419 270 | 2.9 | 3 013 | 0.0 | 629 861 | 1.3 |
| 1983 | 5 494 597 | 11.0 | 683 081 | 1.4 | 9 229 290 | 18.4 | 76 849 | 0.2 | 203 063 | 0.4 | 402 008 | 0.8 | 1 455 070 | 2.9 | - | - | 550 870 | 1.1 |
| 1984 | 6 603 148 | 12.2 | 858 598 | 1.6 | 10 088 727 | 18.7 | 157 206 | 0.3 | 318 736 | 0.6 | 537 791 | 1.0 | 1 725 967 | 3.2 | - | - | 880 040 | 1.6 |
| 1985 | 5 807 694 | 13.9 | 921 887 | 2.2 | 6 788 799 | 16.2 | 162 410 | 0.4 | 176 291 | 0.4 | 815 313 | 1.9 | 1 521 180 | 3.6 | - | - | 931 702 | 2.2 |
| 1986 | 5 775 521 | 13.9 | 993 268 | 2.4 | 5 839 484 | 14.0 | 161 366 | 0.4 | 82 436 | 0.2 | 1 005 908 | 2.4 | 1 882 656 | 4.5 | - | - | 1 026 770 | 2.5 |
| 1987 | 5 644 283 | 13.2 | 822 061 | 1.9 | 6 180 641 | 14.5 | 164 766 | 0.4 | 89 372 | 0.2 | 889 303 | 2.1 | 1 766 446 | 4.1 | - | - | 952 116 | 2.2 |
| 1988 | 7 029 061 | 16.1 | 1 638 341 | 3.8 | 7 083 883 | 16.3 | 240 823 | 0.6 | 226 492 | 0.5 | 1 007 689 | 2.3 | 1 672 709 | 3.8 | - | - | 1 193 457 | 2.7 |
| 1989 | 6 321 198 | 15.8 | 1 412 270 | 3.5 | 7 293 840 | 18.3 | 215 214 | 0.5 | 241 749 | 0.6 | 1 187 261 | 3.0 | 2 176 005 | 5.5 | - | - | 1 229 834 | 3.1 |
| 1990 | 6 265 959 | 15.9 | 1 037 047 | 2.6 | 7 483 022 | 19.0 | 229 581 | 0.6 | 214 373 | 0.5 | 1 781 577 | 4.5 | 1 513 195 | 3.8 | - | - | 1 065 678 | 2.7 |
| 1991 | 5 276 522 | 14.3 | 459 181 | 1.2 | 5 698 201 | 15.4 | 151 485 | 0.4 | 163 412 | 0.4 | 1 179 384 | 3.2 | 1 355 831 | 3.7 | - | - | 899 298 | 2.4 |
| 1992 | 5 137 176 | 15.5 | 745 292 | 2.2 | 4 299 855 | 13.0 | 145 918 | 0.4 | 195 711 | 0.6 | 963 437 | 2.9 | 1 855 845 | 5.6 | - | - | 1 209 285 | 3.6 |
| 1993 | 3 472 603 | 10.9 | 809 271 | 2.5 | 5 025 280 | 15.8 | 171 967 | 0.5 | 149 597 | 0.5 | 1 378 250 | 4.3 | 1 462 920 | 4.6 | - | - | 1 037 375 | 3.3 |
| 1994 | 3 641 745 | 9.2 | 858 209 | 2.2 | 7 346 125 | 18.5 | 183 725 | 0.5 | 182 157 | 0.5 | 1 323 047 | 3.3 | 1 761 044 | 4.4 | - | - | 915 745 | 2.3 |
| 1995 | 3 998 085 | 10.2 | 959 115 | 2.4 | 6 328 853 | 16.1 | 231 066 | 0.6 | 196 903 | 0.5 | 1 411 951 | 3.6 | 2 309 656 | 5.9 | - | - | 964 337 | 2.4 |
| 1996 | 4 503 666 | 10.9 | 834 731 | 2.0 | 7 977 703 | 19.4 | 221 755 | 0.5 | 196 424 | 0.5 | 1 554 972 | 3.8 | 2 439 007 | 5.9 | - | - | 986 786 | 2.4 |
| 1997 | 4 613 589 | 11.3 | 815 321 | 2.0 | 7 882 197 | 19.3 | 254 791 | 0.6 | 221 370 | 0.5 | 1 149 189 | 2.8 | 2 339 016 | 5.7 | - | - | 877 088 | 2.1 |
| 1998 | 4 631 960 | 11.4 | 698 915 | 1.7 | 6 514 907 | 16.0 | 250 534 | 0.6 | 176 521 | 0.4 | 1 297 412 | 3.2 | 1 976 360 | 4.9 | - | - | 798 460 | 2.0 |
| 1999 | 4 518 099 | 12.1 | 623 627 | 1.7 | 5 822 615 | 15.6 | 175 661 | 0.5 | 228 871 | 0.6 | 859 859 | 2.3 | 2 154 900 | 5.8 | - | - | 811 722 | 2.2 |
| TOTAL | 109 712 070 | 12.7 | 18 332 973 | 2.1 | 149 052 970 | 17.3 | 3 812 492 | 0.4 | 3 834 461 | 0.4 | 21 063 381 | 2.4 | 35 967 671 | 4.2 | 188 427 | 0.0 | 18 455 976 | 2.1 |

**SELECTED PROCESSED COMMODITIES
1980 - 1999**

TABLE W12

(Previously HISTORICAL TABLE 25W)

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 | % |
| 1980 | 173 677 | 0.3 | 1 664 553 | 2.8 | 599 824 | 1.0 | 281 625 | 0.5 | 192 653 | 0.3 | 1 308 997 | 2.2 | 295 897 | 0.5 | 674 072 | 1.1 | 1 684 135 | 2.8 |
| 1981 | 150 538 | 0.3 | 1 821 541 | 3.1 | 594 420 | 1.0 | 253 467 | 0.4 | 191 674 | 0.3 | 2 390 026 | 4.1 | 285 501 | 0.5 | 63 453 | 0.1 | 1 580 717 | 2.7 |
| 1982 | 173 991 | 0.4 | 1 072 472 | 2.2 | 687 433 | 1.4 | 210 657 | 0.4 | 141 993 | 0.3 | 1 730 220 | 3.5 | 237 573 | 0.5 | 421 573 | 0.9 | 1 472 139 | 3.0 |
| 1983 | 218 092 | 0.4 | 835 488 | 1.7 | 508 286 | 1.0 | 252 866 | 0.5 | 150 896 | 0.3 | 2 782 095 | 5.5 | 409 794 | 0.8 | 366 974 | 0.7 | 1 480 605 | 3.0 |
| 1984 | 251 160 | 0.5 | 678 186 | 1.3 | 505 130 | 0.9 | 130 189 | 0.2 | 218 538 | 0.4 | 3 962 917 | 7.4 | 531 399 | 1.0 | 325 725 | 0.6 | 1 053 561 | 2.0 |
| 1985 | 141 601 | 0.3 | 628 613 | 1.5 | 607 910 | 1.5 | 170 520 | 0.4 | 89 263 | 0.2 | 3 094 923 | 7.4 | 309 120 | 0.7 | 753 927 | 1.8 | 1 710 966 | 4.1 |
| 1986 | 186 564 | 0.4 | 603 625 | 1.5 | 776 373 | 1.9 | 225 014 | 0.5 | 71 730 | 0.2 | 2 850 070 | 6.8 | 347 060 | 0.8 | 782 966 | 1.9 | 1 850 273 | 4.4 |
| 1987 | 97 982 | 0.2 | 569 051 | 1.3 | 627 657 | 1.5 | 159 538 | 0.4 | 104 815 | 0.2 | 2 674 513 | 6.3 | 549 874 | 1.3 | 372 318 | 0.9 | 1 869 021 | 4.4 |
| 1988 | 126 537 | 0.3 | 669 756 | 1.5 | 801 269 | 1.8 | 112 888 | 0.3 | 82 921 | 0.2 | 3 034 185 | 7.0 | 488 672 | 1.1 | 364 658 | 0.8 | 1 566 387 | 3.6 |
| 1989 | 275 681 | 0.7 | 637 605 | 1.6 | 864 621 | 2.2 | 34 820 | 0.1 | 65 164 | 0.2 | 3 092 769 | 7.7 | 367 748 | 0.9 | 313 738 | 0.8 | 1 825 750 | 4.6 |
| 1990 | 223 997 | 0.6 | 938 742 | 2.4 | 684 828 | 1.7 | 87 502 | 0.2 | 66 500 | 0.2 | 2 764 197 | 7.0 | 407 310 | 1.0 | 369 092 | 0.9 | 1 395 427 | 3.5 |
| 1991 | 150 401 | 0.4 | 655 024 | 1.8 | 529 638 | 1.4 | 30 130 | 0.1 | 35 577 | 0.1 | 2 549 540 | 6.9 | 355 305 | 1.0 | 314 278 | 0.9 | 1 148 269 | 3.1 |
| 1992 | 103 252 | 0.3 | 495 897 | 1.5 | 500 063 | 1.5 | 52 538 | 0.2 | 70 105 | 0.2 | 2 271 722 | 6.8 | 375 451 | 1.1 | 375 259 | 1.1 | 1 852 412 | 5.6 |
| 1993 | 35 535 | 0.1 | 407 218 | 1.3 | 591 409 | 1.9 | 56 031 | 0.2 | 55 792 | 0.2 | 3 120 927 | 9.8 | 858 144 | 2.7 | 200 666 | 0.6 | 1 693 550 | 5.3 |
| 1994 | 157 505 | 0.4 | 697 751 | 1.8 | 389 241 | 1.0 | 77 896 | 0.2 | 81 007 | 0.2 | 5 245 524 | 13.2 | 1 422 700 | 3.6 | 149 454 | 0.4 | 1 628 285 | 4.1 |
| 1995 | 18 033 | 0.0 | 605 005 | 1.5 | 543 935 | 1.4 | 40 335 | 0.1 | 132 434 | 0.3 | 3 333 160 | 8.5 | 1 194 011 | 3.0 | 144 127 | 0.4 | 1 951 546 | 5.0 |
| 1996 | 60 862 | 0.1 | 615 844 | 1.5 | 538 342 | 1.3 | 28 800 | 0.1 | 162 882 | 0.4 | 4 610 328 | 11.2 | 1 439 717 | 3.5 | 155 838 | 0.4 | 2 095 832 | 5.1 |
| 1997 | 76 415 | 0.2 | 634 957 | 1.6 | 519 555 | 1.3 | 62 988 | 0.2 | 128 689 | 0.3 | 3 856 640 | 9.4 | 1 516 733 | 3.7 | 299 133 | 0.7 | 1 909 332 | 4.7 |
| 1998 | 150 900 | 0.4 | 613 464 | 1.5 | 655 361 | 1.6 | 69 849 | 0.2 | 266 790 | 0.7 | 5 361 673 | 13.2 | 1 673 028 | 4.1 | 106 380 | 0.3 | 2 244 854 | 5.5 |
| 1999 | 63 662 | 0.2 | 474 539 | 1.3 | 397 024 | 1.1 | 77 394 | 0.2 | 225 935 | 0.6 | 3 334 738 | 8.9 | 1 602 864 | 4.3 | 126 082 | 0.3 | 2 353 925 | 6.3 |
| TOTAL | 2 836 385 | 0.3 | 15 319 331 | 1.8 | 11 922 319 | 1.4 | 2 415 047 | 0.3 | 2 535 358 | 0.3 | 63 369 164 | 7.4 | 14 667 901 | 1.7 | 6 679 713 | 0.8 | 34 366 986 | 4.0 |

(1) Includes Steel Slab