



Intentionally Left Blank

Historical File Copy

1870-1871

Historical file Copy

Intentionally Left Blank

Intentionally Left Blank

Intentionally Left Blank

84098

CANAL STATISTICS

Intentionally Left Blank

CANAL STATISTICS

FOR

SEASON OF NAVIGATION 1897. ✓

REVENUE.

The total revenue, exclusive of hydraulic rents for two years, is as follows :

For 1896.....	\$ 350,061 03
For 1897.....	346,758 87

By comparing the statistics of 1896 with 1897, it will be seen that the gross revenue has decreased \$3,302.16.

The increases and decreases are as follows :—

	Increase.	Decrease.
On the Welland Canal.....		\$ 6,432 10
“ St. Lawrence Canals.....	822 86	
“ Chambly Canal.....		\$ 847 21
“ Ottawa Canals.....	3,525 72	
“ Rideau Canal.....	1,162 13	
“ St. Peter's Canal.....		1,854 66
“ Trent Valley Canals.....	281 13	
“ Murray Canal.....	49 97	
“ Sault Ste. Marie Canal.....		10 00
Total.....	\$5,841 81	\$9,143 97
Total decrease.....		3,302 16

STATEMENT of the Revenue together with the increases and decreases of all the Canals for the seasons of Navigation from 1888 to 1897 inclusive.

Years.	Revenue.	Increase.	Decrease.
1888.....	\$321,433 93	\$10,951 58	.....
1889.....	381,109 31	59,675 38	.....
1890.....	348,059 51	.....	\$33,049 80
1891.....	350,351 97	2,292 46	.....
1892.....	358,711 04	8,359 07	.....
1893.....	348,012 00	.....	10,699 04
1894.....	307,824 67	.....	40,187 33
1895.....	283,211 41	.....	24,613 26
1896.....	350,061 03	66,849 62	.....
1897.....	346,758 87	.....	3,302 16

In compliance with the renewed request of forwarders and shippers of Montreal for a continuance of the reduction of tolls on certain agricultural products, His Excellency the Governor General in Council on 17th April, 1897, authorized a reduction of canal tolls, as follows :—

For the season of 1897, the canal tolls for the passage of the following food products, wheat, indian corn, pease, barley, rye, oats, flax-seed and buckwheat for passage east-

ward through the Welland Canal, shall be ten cents per ton, and for passage eastward through the St. Lawrence Canals only, ten cents per ton, payment of the said tolls of ten cents per ton for passage through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals.

In consequence of the reduced rates of tolls as above, being applicable to the said food products, irrespective of their destination, the reduced rate of ten cents a ton only was collected, and therefore no refunds were made on these articles for 1897.

It may be observed, however, that the reduction of tolls from twenty to ten cents per ton on the articles referred to, for passage through the Welland Canal, amounts to \$76,146.90.

The quantity of barley, corn, oats, pease, rye and wheat passed down the Welland Canal, from ports west of Port Colborne for a period of sixteen years is as follows :—

QUANTITY PASSED DOWN TO MONTREAL.		QUANTITY ON WHICH FULL TOLLS WERE PAID.	
		To ports in Ontario.	Quantity from U.S. Ports to U.S. Ports.
	Tons.	Tons.	Tons.
1882.....	180,694	.....	63,881
1883.....	186,814	10,650	121,876
1884.....	142,194	12,153	104,537
1885.....	96,569	11,909	117,346
1886.....	203,940	9,881	151,551
1887.....	185,034	11,838	134,868
1888.....	160,358	25,599	169,664
1889.....	267,769	19,075	213,766
1890.....	288,513	16,899	245,932
1891.....	295,509	6,805	202,710
1892.....	261,954	8,942	201,540
1893.....	501,806	25,555	222,958
1894.....	* 273,651	16,699	203,979
1895.....	231,491	32,096	133,823
1896.....	461,049	73,386	160,372
1897.....	560,254	53,257	157,756

The tolls on grain for passage through the Welland Canal prior to 1884, were 20 cents a ton, since that date, however, reductions have been made by Orders in Council from year to year as follows :—Upon the urgent request of forwarders and others interested in the grain trade, a reduction was made of one-half the usual rate of tolls on grain passing down the Welland Canal and the St. Lawrence Canals to Montreal; and in 1885 tolls were reduced to 2 cents a ton, and thereafter from year to year, including 1891.

In 1892 the tolls were reduced to 2 cents a ton on grain passed down the Welland and St. Lawrence Canals and exported, and in such cases only.

In 1893, by Order in Council of 13th of February, the tolls were reduced to ten cents a ton on grain passing eastward through the Welland Canal irrespective of its destination, and the same rate of tolls for 1894 were allowed by O. C., 16th April, 1894.

For the year 1895 (O. C., April 1st, 1895,) the same rate of tolls was allowed as was granted for the year 1894.

For the year 1896 (O. C., April 23rd, 1896,) the same rate of tolls was allowed as was granted for the year 1895.

*Of the quantity of grain passed down to Montreal there were transhipped at Ogdensburg in 1891 17,817 tons, in 1892 4,341 tons, in 1893 71,445 tons, in 1894 23,030 tons, in 1895 18,987 tons, in 1896, 77,355 tons and in 1897, 89,659.

For the year 1897 (O. C., April 17th, 1897,) the same rate of tolls was allowed as was granted for the year 1896.

The rate through the St. Lawrence Canals only, was 10 cents a ton.

It may be remarked that goods having paid full tolls on the Welland Canal are allowed to pass down the St. Lawrence Canals to Montreal free from payment of any further tolls.

During the last decade the quantity of agricultural products, as above passed down the Welland and St. Lawrence Canals to Montreal, has increased from 160,358 tons in 1888 to 560,254 tons in 1897; and the quantity passed down the Welland Canal from United States ports to United States, has decreased from 169,664 to 157,756 tons for the same years.

The quantity of barley, buckwheat, corn, oats, pease, rye and wheat, arrived at Montreal via Grand Trunk and Canadian Pacific Railways for a period of 13 years, is reported as follows:—

	Tons.
For 1885.....	160,821
1886.....	165,613
1887.....	191,760
1888.....	113,794
1889.....	94,943
1890.....	119,208
1891.....	184,410
1892.....	291,680
1893.....	147,610
1894.....	60,666
1895.....	51,114
1896.....	153,717
1897.....	228,611

The quantity of the same articles passed down the whole length of the St. Lawrence Canals to Montreal, for the same period was:—

	Tons.
For 1885.....	134,824
1886.....	272,133
1887.....	237,881
1888.....	166,191
1889.....	275,414
1890.....	242,571
1891.....	320,434
1892.....	302,899
1893.....	532,084
1894.....	288,015
1895.....	247,550
1896.....	495,898
1897.....	604,200

Comparative shipments of grain by the St. Lawrence route, and rail and water via the state of New York, are as follows —

QUANTITY OF GRAIN TO SEA-BOARD BY COMPETING ROUTES.

The quantity of grain and pease passed down the whole length of the St. Lawrence Canals to Montreal, is as follows :—

	Tons.
For 1896	495,898
1897	<u>604,200</u>
Showing an increase of	<u>108,302</u>

The quantity of grain and pease carried to Montreal via Canadian Pacific and Grand Trunk Railways, is reported as follows :—

	Tons.
For 1896	153,717
1897	<u>228,611</u>
Showing an increase of	<u>74,894</u>

The quantity of grain arrived at tide-water by New York Canals, is reported as follows :—

	Tons.
For 1896	753,039
1897	<u>569,362</u>
Showing a decrease of	<u>183,677</u>

The quantity of grain carried to tide-water by the New York railways, is reported as follows :—

	Tons.
For 1896	3,864,760
1897	<u>4,132,740</u>
Showing an increase of	<u>267,980</u>

The increases and decreases for 1897 as compared with 1896 on the several routes, competing for the carrying trade to the sea-board, are as follows :—

	Increase.	Decrease.	Increase per cent.	Decrease.
On the St. Lawrence Canals	64,356		12·98	
do Canadian Pacific and Grand Trunk Railways.	74,869		48·74	
do New York Canals		183,677		24·39
do do Railways	267,980		6·93	

By reference to Appendix U, it will be seen that the quantity of freight from ports west of Port Colborne to the United States ports, Oswego, Ogdensburg, &c., has increased from 234,254 tons in 1886 to 285,963 tons in 1897, and the quantity to Ontario ports, between Port Dalhousie and Cornwall, has increased from 118,127 tons in 1886 to 169,246 tons in 1897. The quantity passed down to Montreal shows an increase from 244,514 tons in 1886 to 581,047 tons in 1897.

TRANSHIPMENT OF GRAIN.

The quantity of grain passed down the Welland Canal in Canadian and United States vessels to Kingston for fourteen years, is as follows:—

In Canadian vessels there were in—

	Tons.
1884, 111 cargoes, with an aggregate quantity of.....	70,475
1885, 75 do do	45,639
1886, 244 do do	143,330
1887, 284 do do	178,233
1888, 182 do do	143,025
1889, 208 do do	165,117
1890, 203 do do	184,275
1891, 209 do do	190,664
1892, 158 do do	159,018
1893, 146 do do	148,962
1894, 125 do do	159,145
1895, 123 do do	136,617
1896, 196 do do	227,912
1897, 180 do do	229,265

In United States vessels there were in—

	Tons.
1884, 117 cargoes with an aggregate quantity of.....	75,787
1885, 79 do do	55,982
1886, 97 do do	62,222
1887, 19 do do	12,477
1888, 60 do do	43,667
1889, 114 do do	108,358
1890, 35 do do	35,560
1891, 77 do do	90,153
1892, 89 do do	109,812
1893, 257 do do	328,269
1894, 84 do do	106,236
1895, 56 do do	73,987
1896, 158 do do	217,978
1897, 197 do do	285,847

Seven vessels took cargoes of 2,324 tons through to Montreal intact in 1897, three of 1,176 in 1896, four of 1,344 tons in 1895, two cargoes of 810 tons in 1894, none in 1893, two in 1892 of 924 tons, and three in 1891 of 1,441 tons. Sixteen vessels lightened a portion of their cargoes in 1896, against six in 1895, 19 in 1894, 34 in 1893, 25 in 1892, and 44 in 1891. Three hundred and thirty-five vessels discharged the whole of their cargoes at Kingston in 1896, against 169 in 1895, 188 in 1894, 369 in 1893, 220 in 1892, and 293 in 1891.

The quantity of grain transhipped at Port Colborne in 1897 and the four previous years is given below.

The total number of grain laden vessels lightened at this port in 1897 was 147 against 238 the previous year.

The quantity of grain lightened was as follows :—

Articles.	1893.	1894.	1895.	1896.	1897.
	Bush.	Bush.	Bush.	Bush.	Bush.
Wheat.....	47,558	104,827	322,662	660,190	642,927
Corn.....	759,000	260,657	870,705	908,833	697,508
Rye.....	11,540	Nil	Nil	8,197	Nil
Oats.....	35,353	63,412	71,648	79,585	12,527
Barley.....			21,003	6,377	5,119

WELLAND CANAL.

The total quantity of freight passed on the Welland Canal during the season of 1897 was 1,274,292 tons ; of this quantity 29,542 tons were way or local freight.

There were 1,050,093 tons of freight passed eastwards, and 224,199 tons passed westwards.

East and west bound through freight.

The total quantity of freight passed through the whole length of the Welland Canal during the season of 1897 was 1,244,750 tons.

Of this quantity 1,026,458 tons were east bound and 218,292 west bound freight.

Of the east bound freight Canadian vessels carried 338,519 tons and United States vessels carried 687,939 tons ; and of the west bound freight Canadian vessels carried 7,458 tons, and United States vessels carried 210,834 tons, or a total of 345,977 tons for Canadian and 898,773 tons for American vessels.

ST. LAWRENCE CANALS.

The total quantity of freight passed through these canals during 1897 was 1,231,365 tons, of this quantity 1,043,204 tons passed eastward and 188,161 tons passed westward.

East and west bound through freight.

The total quantity of through freight was 837,469 tons ; of this quantity 813,638 tons were east bound and 23,831 tons were west bound.

Way freight.

Of the total quantity of (way) or local freight 229,566 tons were east bound and 164,330 tons west bound freight.

THROUGH TRAFFIC BETWEEN MONTREAL AND PORTS ON LAKE ERIE, MICHIGAN, ETC.

The total quantity of through freights passed eastward and westward through the Welland and St. Lawrence Canals, from Lake Erie to Montreal, during fifteen years, is as follows :—

	Eastward, to Montreal. Tons.	Westward. from Montreal. Tons.
1883.....	205,394	27,488
1884.....	168,715	9,425
1885.....	132,968	16,115
1886.....	244,514	16,801
1887.....	213,834	14,075
1888.....	183,899	19,310
1889.....	298,197	25,370
1890.....	231,746	31,951
1891.....	309,593	14,060
1892.....	263,144	9,452
1893.....	508,016	16,545
1894.....	292,191	9,439
1895.....	266,659	10,555
1896.....	480,077	10,050
1897.....	584,246	4,542

FREIGHT FROM UNITED STATES PORTS TO UNITED STATES PORTS.

The total quantity of freight passed eastward and westward through the Welland Canal, from United States ports to United States ports, for a period of fifteen years, is as follows :—

	Eastward. Tons.	Westward. Tons.	Total. Tons.
1883.....	174,912	257,699	432,611
1884.....	163,998	243,081	407,079
1885.....	168,212	216,297	384,509
1886.....	224,916	239,562	464,478
1887.....	189,427	151,074	340,501
1888.....	221,062	213,689	434,751
1889.....	297,353	266,231	563,584
1890.....	318,259	215,698	533,957
1891.....	306,257	247,543	553,800
1892.....	300,733	240,332	541,065
1893.....	384,559	247,108	631,667
1894.....	361,319	230,948	592,267
1895.....	255,259	214,520	469,779
1896.....	385,695	267,518	653,213
1897.....	353,863	210,831	564,694

The total quantity of freight passed through the Welland Canal from United States ports to United States ports shows a decrease of 88,519 tons as compared with the previous year ; and an increase of 132,083 tons as compared with 1883.

The following statement shows the aggregate number of vessels, and the total quantity of freight passed through the Welland Canal, and the quantity passed between United States ports during the years 1867 to 1897 inclusive :

Fiscal Year.	Aggregate number of Vessels.	Total quantity transported on the Welland Canal.	Quantity passed from United States ports to United States ports.
	No.	Tons.	Tons.
1867	5,405	933,260	458,386
1868	6,157	1,161,821	641,711
1869	6,069	1,231,903	688,700
1870	7,356	1,311,956	747,567
1871	7,729	1,478,122	772,756
<i>Season of Navigation.</i>			
1872	6,063	1,333,104	606,627
1873	6,425	1,506,484	656,208
1874	5,814	1,389,173	748,557
1875	4,242	1,038,050	477,809
1876	4,789	1,099,810	488,815
1877	5,129	1,175,398	493,841
1878	4,429	968,758	373,738
1879	3,960	865,664	284,043
1880	4,104	819,934	179,605
1881	3,332	686,506	194,173
1882	3,334	790,643	282,806
1883	3,267	1,005,156	432,611
1884	3,138	837,811	407,079
1885	2,738	784,928	384,509
1886	3,589	980,135	464,478
1887	2,785	777,918	340,501
1888	2,647	878,800	434,753
1889	2,975	1,085,273	553,584
1890	2,883	1,016,165	533,957
1891	2,594	975,013	553,800
1892	2,615	955,554	541,065
1893	2,843	1,294,823	631,667
1894	2,412	1,008,221	592,267
1895	2,222	869,595	469,779
1896	2,766	1,279,987	653,213
1897	2,725	1,274,292	564,694

The total quantity of freight passed through the several divisions of the canals during the season of 1897 is as follows :—

	Farm Stock.	Forest, Produce of Wood.	Manufactures.	Merchandise.	Agricultural Products.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland	49	181,817	41,943	225,998	824,485	1,274,292
St. Lawrence	1,066	94,496	57,646	331,620	746,537	1,231,365
Chambly	405	237,653	11,363	95,860	6,855	352,136
Ottawa	1,220	551,790	333	4,600	4,427	562,370
Rideau	20	47,010	3,450	24,599	2,197	77,276
St. Peter's	22	6,248	1,926	50,013	8,884	67,093
Murray	23	2,404	2,999	5,467	2,338	13,231
Trent Valley	123	35,294	510	104	110	36,141

The total quantity of freight moved on the Welland Canal was 1,274,292 tons, of which 824,485 tons were agricultural products.

On the St. Lawrence Canals the total quantity of freight moved was 1,231,365 tons, of which 741,850 were agricultural products, and 331,620 tons were merchandise.

On the Ottawa Canals the total quantity of freight moved was 562,370 tons, of this quantity 551,790 tons were the produce of the forest.

STATISTICAL COMPARIION OF VARIOUS UNITED STATES ROUTES.

The statistical comparisons heretofore given in respect to the quantities of the principal articles carried through the Welland Canal, and those carried over routes in the United States, in competition with that work, have been continued to date.

By reference to statement H, as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by the New York Canals was 744,575 tons in 1897, 957,182 tons in 1896, 602,505 in 1895, 1,400,129 in 1894, 1,452,563 in 1893, 937,999 in 1892, and 1,092,355 in 1891.

The quantities of vegetable food carried by the New York Central, Erie and New York, West Shore and Buffalo Railways being:—

	Tons.		Tons.
In 1897.....	5,673,638	In 1887.....	*3,847,766
1896.....	5,183,540	1886.....	*3,802,262
1895.....	3,798,574	1885.....	4,105,594
1894.....	4,281,056	1884.....	3,639,805
1893.....	5,107,426	1883.....	4,422,461
1892.....*	5,913,013	1882.....	3,888,557
1891.....	3,565,381	1880.....	4,732,385
1890.....	4,336,199	1869.....	1,087,809
1889.....	3,654,984		
1888.....	3,197,634		

* Flour and grain only.

The following figures are an abstract of the quantities of vegetable food carried to tide-water by the canals and railways of the state of New York during twenty-nine years:—

	Canals.	Railways.	Total.	Proportions by Canals.
	Tons.	Tons.	Tons.	Tons.
1869.....	1,302,613	1,087,809	2,390,342	545
1870.....	1,295,010	1,766,457	3,061,467	423
1871.....	1,850,198	2,205,589	4,055,787	456
1872.....	1,674,320	1,870,614	3,544,934	472
1873.....	1,745,171	2,036,992	3,782,163	461
1874.....	1,767,598	2,791,517	4,559,115	387
1875.....	1,305,550	2,343,241	3,648,791	357
1876.....	1,064,293	2,875,803	3,940,096	270
1877.....	1,498,984	2,493,683	3,992,667	375
1878.....	1,912,734	3,695,764	5,608,498	341
1879.....	1,833,399	4,353,617	6,187,016	296
1880.....	2,371,090	4,732,385	7,103,475	333
1881.....	1,116,561	4,983,722	6,100,283	183
1882.....	1,118,776	3,885,557	5,004,333	223
1883.....	1,379,000	4,422,461	5,801,461	237
1884.....	1,236,986	3,639,805	4,876,791	253
1885.....	1,063,310	4,105,594	5,168,904	205
1886.....	1,489,886	3,802,262	5,292,148	281
1887.....	1,539,403	3,847,766	5,387,169	285
1888.....	1,166,958	3,197,734	4,364,692	267
1889.....	1,296,896	3,654,984	4,951,880	262
1890.....	1,167,901	4,336,199	5,504,100	212
1891.....	1,092,355	3,565,381	4,657,736	234
1892.....	937,999	5,913,013	6,851,012	137
1893.....	1,452,563	5,107,426	6,599,989	284
1894.....	1,400,129	4,281,056	5,681,185	327
1895.....	602,505	3,798,574	4,401,079	159
1896.....	957,182	5,183,540	6,140,722	156
1897.....	744,575	5,673,638	6,418,213	116

COMPARATIVE STATEMENT OF TRAFFIC BY RAILWAYS AND CANALS VIA THE STATE OF NEW YORK.

On reference to the returns made by the railways to the state authorities of New York, and to the canal statistics submitted to the state legislature, I find that of the total tonnage of freight carried by the canals and railways, the state canals carried:—

In	Per cent.	In	Per cent.
1859.....	68·9	1883.....	18·7
1869.....	47·0	1884.....	19·0
1879.....	38·9	1885.....	17·1
1871.....	38·9	1886.....	16·9
1872.....	40·1	1887.....	16·3
1873.....	34·9	1888.....	18·8
1874.....	31·7	1889.....	15·1
1875.....	28·4	1890.....	13·9
1876.....	24·6	1891.....	13·4
1877.....	28·3	1892.....	9·8
1878.....	27·1	1893.....	10·1
1879.....	23·7	1894.....	10·2
1880.....	25·1	1895.....	9·7
1881.....	18·5	1896.....	8·5
1882.....	19·0	1897.....	8·3

The quantity of freight carried by the canals and railways was less in 1897 by 44,539 tons than the quantity carried in 1896, and an increase of 31,258,338 tons over 1869.

The quantities carried were as follows:—

In	Total Tonnage.	Proportion by Canals.
1859.....	5,485,076	·6890
1869.....	12,453,174	·4705
1870.....	15,148,274	·3895
1871.....	15,844,152	·3896
1872.....	16,631,609	·4012
1873.....	18,200,208	·3497
1874.....	18,283,547	·3174
1875.....	17,101,758	·2841
1876.....	16,948,627	·2462
1877.....	17,489,770	·2833
1878.....	19,017,301	·2719
1879.....	22,590,766	·2373
1880.....	25,706,586	·2512
1881.....	27,857,394	·1859
1882.....	28,693,054	·1905
1883.....	30,167,119	·1877
1884.....	26,293,844	·1905
1885.....	27,543,948	·1718
1886.....	31,168,744	·1698
1887.....	34,029,791	·1632
1888.....	26,244,610	·1883
1889.....	35,466,042	·1514
1890.....	37,624,199	·1394
1891.....	38,524,179	·1343
1892.....	43,618,569	·0982
1893.....	42,953,233	·1009
1894.....	37,916,412	·1024
1895.....	36,170,339	·0967
1896.....	43,756,051	·0849
1897.....	43,711,512	·0828

Average freight rates, grain, Chicago to Buffalo :—(as reported by the Secretary of Merchants' Exchange, Buffalo).

Year.	Wheat.	Year.	Wheat.
1878	3·1	1889	2·5
1879	4·7	1890	1·9
1880	5·7	1891	2·5
1881	3·2	1892	2·2
1882	2·5	1893	1·6
1883	3·5	1894	1·2
1884	2·1	1895	1·9
1885	2·0	1896	1·7
1886	3·6	1897	1·5
1887	4·1		
1888	2·7	Average twenty years.	2·7

COMPARATIVE STATEMENT of the Commerce through the United States, St. Mary's Falls Canal, and Canadian Sault Ste. Marie Canal, for the Seasons of 1896 and 1897.

	TRAFFIC FOR 1897.		TOTAL TRAFFIC FOR		INCREASE.	DECREASE.
	United States Canal.	Canadian Canal.	Season of 1897.	Season of 1896.	Amount.	Amount.
Vessels	Number.	12,812	4,268	17,080	18,577	1,497
Lockages	"	5,967	2,604	8,571	9,665	1,094
Tonnage registered	Net tons.	13,823,836	3,797,482	17,621,318	17,292,144	329,174
Tonnage freight	"	14,039,626	4,947,063	18,986,689	17,256,423	1,730,266
Passengers	Number.	28,705	11,745	40,450	37,096	3,354
Coal (hard)	Net tons.	435,994	98,732	534,726	435,838	98,888
Coal (soft)	"	2,119,502	387,547	2,507,049	2,592,525	85,476
Flour	Barrels.	7,814,745	1,093,456	8,908,201	8,870,882	37,319
Wheat	Bushels.	38,006,977	17,924,802	55,931,779	63,463,876	7,532,097
Grain (excluding wheat)	"	21,714,731	3,253,405	24,968,136	27,715,265	2,747,129
Manufactured and pig iron	Net tons.	118,161	18,542	136,703	129,871	6,832
Salt	Barrels.	269,189	20,825	290,014	243,875	46,139
Copper	Net tons.	117,360	12,717	130,077	117,697	12,380
Iron ore	"	7,048,586	3,572,854	10,621,440	7,895,071	2,726,369
Lumber	Ft. B. M.	794,441,000	7,799,156	802,240,156	688,873,800	113,366,356
Silver ore	Net tons.	5	5	5	240	235
Building stone	"	6,189	2,073	8,262	17,731	9,469
† Unclassified freight	"	483,854	104,470	588,324	520,066	68,258

† Included in unclassified freight for, —

	1896.	Tons.	1897.	Tons.
Wool		2,358	Wool	2,905
Hides		31		

The United States canal was open to navigation during the season of—

1888	234 days.
1890	228 do
1891	225 do
1892	233 do
1893	219 do
1894	234 do
1895	231 do
1896	232 do
1897	234 do

The Canadian canal was open to navigation during the season of—

1895	87 days.
1896	218 do
1897	238 do

The average number of vessels passing per day through the two canals for the whole season of 1897 was over seventy-three.

R. DEVLIN,
Compiler of Canal Statistics.

OTTAWA, Oct. 16, 1898.

EXPORTS by Lake from the port of Chicago during 1897. (From Report of Board of Trade, Chicago.)

Commodities.	Quantity.	Value.
		\$ cts.
Wheat	Bush. 939,156	856,442 00
Corn	" 6,530,398	1,835,540 00
Oats	" 757,087	185,604 00
Flaxseed	" 61,193	47,899 00
Flour	Bbbs. 150	625 00
Corn meal	" 450	5,312 00
Glucose	" 1,305	12,360 00
Starch	" 150	400 00
Gluten meal	Sacks. 14,912	15,357 00
Sugar	" 15,500	20,580 00
Steel billets, rods, &c.	Tons- 9,038	139,351 00
Steel plates	" 832	8,725 00
Steel rails	" 7,717	158,343 00
Spikes and bolts	" 75	2,294 00
Pig iron	" 2,282	19,714 00
Total value		3,308,546 00

SHIPMENTS of Grain (in Transit and Export) by Lake from Chicago during 1897.
(From Report of Board of Trade, Chicago.)

	CORN, BUSHEL.			OATS, BUSHEL.		WHEAT, BUSH.	RYE, BUSH.	TOTALS.
	Transit.	Export.	Totals.	Transit.	Export.	Export.	Export.	
Collingwood, Ont.....	213,982		213,982					213,982
Kingston, Ont.....		1,951,908	1,951,908			632,471		2,584,379
Midland, Ont.....	1,731,800	82,542	1,814,342		147,200			1,961,542
Owen Sound, Ont.....	345,952	819,140	1,165,092		145,187			1,310,279
Prescott, Ont *.....		3,620,808	3,620,808		464,700	306,685		4,392,193
Point Edward, Ont.....	164,000		164,000	155,000				319,000
Sarnia, Ont.....	964,376		964,376	1,274,741				2,239,117
Walkerville, Ont.....		56,000	56,000					56,000
Totals.....	3,420,110	6,530,398	9,950,508	1,429,741	757,087	939,156		13,076,492

* 61,193 bushels of flaxseed were shipped for export.

GRAIN FREIGHTS BY LAKE, SEASON OF 1897.

The following were the current rates of freight on wheat and corn from Chicago to Buffalo, Kingston, Ogdensburg and Montreal (steam), also to New York by Lake and Erie Canal; for each week during the season of Navigation. (From Report of Board of Trade, Chicago.)

10-2*****

1897.	TO BUFFALO.		TO OGDENSBURG	TO KINGSTON.		TO MONTREAL (STEAM.)		ERIE CANAL, BUFFALO TO NEW YORK.		CHICAGO TO NEW YORK, LAKE AND CANAL, INCLUDING BUFFALO CHARGES.	
	Wheat per Bush.	Corn per Bush.	Corn per Bush.	Wheat per Bush.	Corn per Bush.	Wheat per Bush.	Corn per Bush.	Wheat per Bush.	Corn per Bush.	Wheat per Bush.	Corn per Bush.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
April 17	1 1/4	1 1/4									
do 24	1 1/4	1 1/4									
May 1	1 1/4	1 1/4									
do 8	1 1/4	1 1/4	2 7/8				5 1/4		2 3/4	5 1/4	4 1/2
do 15	1 1/4	1 1/4	2 1/2				4 3/4		2 1/2	5 1/4	4 1/2
do 22	1 1/4	1 1/4	2 1/2				4 3/4		2 1/2	5 1/4	4 1/2
do 29	1 1/4	1 1/4	2 1/2				4 3/4		2 1/2	5 1/4	4 1/2
June 5	1 1/4	1 1/4			2 1/2		4 3/4		1 3/4	4 1/2	4
do 12	1 1/4	1 1/4			2 1/2		4 3/4	2 to 2 1/2	1 3/4 to 1 3/4	4 1/2 to 4 1/2	3 7/8 to 4
do 19	1 1/4	1 1/4			2 1/2		4 3/4	2 to 2 1/2	1 3/4 to 1 3/4	4 1/2 to 4 1/2	3 3/8 to 3 3/8
do 26	1 1/4	1 1/4			2 1/2		4 3/4	2 to 2 1/2	1 3/4 to 1 3/4	4 1/2 to 4 1/2	3 3/8 to 3 3/8
July 3	1 1/4	1 1/4	2 1/4				5	2 to 2 1/2	1 3/4 to 1 3/4	4 to 4	3 3/8 to 3 3/8
do 10	1 1/4	1 1/4	2 1/4				5	2 to 2 1/2	1 3/4 to 1 3/4	4 to 4	3 3/8 to 3 3/8
do 17	1 1/4	1 1/4	2 1/2		2 1/4		5	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 to 4 1/2	3 3/8 to 3 3/8
do 24	1 1/4	1 1/4	2 1/2		2 1/2		4 3/4	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 1/2 to 4 1/2	3 3/8 to 4 1/4
do 31	1 1/4	1 1/4	2 1/2		2 1/2		5	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 1/2 to 4 1/2	3 3/8 to 4 1/4
Aug. 7	1 1/4	1 1/4	2 1/2		2 1/2		4 3/4	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 1/2 to 4 1/2	4 1/4 to 4 1/4
do 14	1 1/4	1 1/4	2 1/2	2 1/2		5 1/2	5	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 1/2 to 4 1/2	4 1/4 to 4 1/4
do 21	1 1/4	1 1/4	2 1/2	2 1/2		5 1/2	4	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 1/2 to 5	4 1/4 to 4 1/4
do 28	1 1/4	1 1/4	2 1/2	2 1/2		5 1/2	4 1/2	2 1/4 to 2 1/4	1 3/4 to 1 3/4	4 1/2 to 4 1/2	4 1/4 to 4 1/4
Sept. 4	1 1/4	1 1/4	2 1/2	2 1/2			4 1/2	2 1/4 to 3	2 1/4 to 2 1/4	5 1/2 to 5 1/2	4 1/2 to 4 1/2
do 11	2	1 1/4	2 1/2	2 1/2			4 1/2	3 to 3 1/2	2 1/2 to 3	5 1/2 to 6 1/2	5 to 5 1/2
do 18	2	1 1/4	2 1/2	2 1/2			5 3/8	3 to 3 1/2	3	6 1/2 to 6 1/2	5 1/2 to 5 1/2
do 25	2	1 1/4	2 1/2	2 1/2			5 3/8	3 3/8 to 3 1/2	2 1/2 to 3	6 1/4 to 6 1/4	5 1/2 to 5 1/2
Oct. 2	2	1 1/4	2 1/2	3 1/2	3 1/4	6	5 1/2	3 1/2 to 3 1/2	2 1/2 to 2 3/4	6 1/4 to 6 1/4	5 1/2 to 5 1/2
do 9	2	1 1/4	2 1/2	3 1/2	3 1/4	6		3 to 3 1/2	2 1/2 to 2 3/4	6 1/4 to 6 1/4	5 1/2 to 5 1/2
do 16	2	1 1/4	2 1/2	3 3/4				3 to 3 1/2	2 1/2 to 2 3/4	5 7/8 to 5 7/8	5 1/2 to 5 1/2
do 23	1 1/4	1 1/4	2 1/2	4		6 1/2		3 to 3 1/2	2 1/2 to 2 3/4	5 7/8 to 5 7/8	5 1/2 to 5 1/2
do 30	1 1/4	1 1/4	2 1/2	4		6 1/2		3 to 3 1/2	2 1/2 to 2 3/4	5 7/8 to 5 7/8	5 1/2 to 5 1/2
Nov. 6	1 1/4	1 1/4	2 1/2			6 1/2		3 1/2 to 3 1/2	3	5 7/8 to 5 7/8	4 1/2 to 4 1/2
do 13	1 1/4	1 1/4	4 1/2					3 to 3 1/2	3	6 1/4 to 6 1/4	5 1/2 to 5 1/2
do 20	1 1/4	1 1/4	4 1/2					3 to 3 1/2	2 1/4 to 2 1/4	5 7/8 to 5 7/8	4 1/2 to 4 1/2
do 27	1 1/4	1 1/4	4 1/2					3 to 3 1/2	2 1/4 to 2 1/4	5 7/8 to 5 7/8	4 1/2 to 4 1/2
Dec. 4	2	1 1/4						3	2 1/4 to 2 1/4	5 7/8 to 5 7/8	4 1/2 to 4 1/2
do 11	3	2 1/4						3	2 1/4 to 2 1/4	5 7/8 to 5 7/8	4 1/2 to 4 1/2
do 18	3	2 1/4						3	2 1/4 to 2 1/4	5 7/8 to 5 7/8	4 1/2 to 4 1/2

CANAL STATISTICS.

LAKE FREIGHTS FROM CHICAGO TO BUFFALO ON WHEAT AND CORN.

Statement showing the dates of the changes of the ruling rates of lake freights on wheat and corn from Chicago to Buffalo, during 1897 (as reported by the Secretary of of Merchants Exchange, Buffalo.)

1897.			1897.		
	Wheat, bush.	Corn, bush.		Wheat, bush.	Corn, bush.
Opening.	Cts.	Cts.	Opening.	Cts.	Cts.
April 15		1 ³ / ₄	Aug. 14		1 ¹ / ₂
do 20		1 ¹ / ₄	do 16		1 ¹ / ₄
do 22	1 ¹ / ₂	1 ¹ / ₄	do 18	1 ¹ / ₂	1 ¹ / ₂
do 23	1 ¹ / ₄ to 1 ³ / ₄	1 ¹ / ₄	do 24	1 ¹ / ₂	1 ¹ / ₂
May 1	1 ¹ / ₄ to 1 ³ / ₄	1 ¹ / ₄	do 26	1 ¹ / ₂	1 ¹ / ₂
do 6	1 ¹ / ₂	1 ¹ / ₄	do 27	1 ¹ / ₂	1 ¹ / ₂
do 14	1 ¹ / ₄ to 1 ³ / ₄	1 ¹ / ₂ to 1 ¹ / ₄	do 30	2 ¹ / ₄	2
do 15	1 ¹ / ₂	1 ¹ / ₄	Sept. 4		1 ⁷ / ₈
do 25		1 ¹ / ₂ to 1 ¹ / ₄	do 8		1 ¹ / ₄
do 26	1 ¹ / ₄	1 ¹ / ₂	do 9	2	1 ¹ / ₄
June 3		1 ¹ / ₄	do 10		2
do 4	1 ¹ / ₂	1 ¹ / ₄	do 13	1 ⁷ / ₈ to 2	1 ³ / ₄
do 5		1 ¹ / ₂	do 18	2	1 ¹ / ₄
do 10		1	do 27	1 ⁷ / ₈	1 ¹ / ₂
do 12		⁷ / ₈ to 1	do 29		1 ³ / ₄
do 16		1	do 30		1 ³ / ₄
do 23		1 ¹ / ₂	Nov. 1		1 ¹ / ₄
do 26		1 ¹ / ₄	do 2		1 ¹ / ₄
do 30		1 ¹ / ₂	do 3	1 ¹ / ₈	1
July 2		1	do 10		1 ¹ / ₂
do 9		1 ¹ / ₄	do 11		1 to 1 ¹ / ₂
do 10	1 ¹ / ₄	1 ¹ / ₂	do 12		1
do 12		1 ¹ / ₄	do 13		1 ¹ / ₄
do 19	1 ³ / ₄ to 1 ¹ / ₂	1 ¹ / ₄	do 16		1 ³ / ₄
do 27	1 ³ / ₄	1 ¹ / ₄	do 27		1 ³ / ₄ to 1 ¹ / ₂
do 28		1 ¹ / ₄	do 29		2
Aug. 3	1 ³ / ₄	1 ¹ / ₂	do 30		2 ¹ / ₄
do 5	1 ¹ / ₂	1 ¹ / ₂	Dec. 1 to close		2 ¹ / ₂
do 10		1 ¹ / ₂			
do 11	1 ³ / ₄	1 ¹ / ₂			
do 12	1 ¹ / ₂	1 ¹ / ₂			

Highest, on oats 1 ³/₄, lowest, ⁷/₈c. per bushel.

NOTE.—Corn from Chicago to Kingston ranged from 1 ¹/₈ to 4c., and wheat from 3 ¹/₄ to 3 ¹/₂c., per bushel during the season.

Corn to Port Huron, 1 to 1 ¹/₂c., and oats 1c., per bushel.

Oats to Sandusky, 1 ¹/₂c., per bushel.

Rates from Milwaukee, about the same as from Chicago.

AVERAGE LAKE FREIGHTS.

The following statement shows the average rates of lake freights on wheat and corn between Chicago and Buffalo during each month in the past ten years, the highest and lowest rate on wheat in each year, and the average rate on wheat each year in cents, per bushel :—

(Per Report of the Secretary of Merchants' Exchange, Buffalo.)

Grain bushel.	May. Cents.	June. Cents.	July. Cents.	August. Cents.	Sept. Cents.	Oct. Cents.	Nov. Cents.
1888 { Wheat.....	2.1	1.9	2.2	3.2	3.5	2.4	2.5
1888 { Corn.....	1.8	1.7	1.9	2.9	3.2	2.1	2.3
Highest rate, wheat, 1888, 4c. ; lowest, 2c. ; average for season, 2.7c.							
1889 { Wheat.....	2.2	2.0	2.1	2.7	3.0	3.0	2.5
1889 { Corn.....	2.0	1.8	1.9	2.4	2.7	2.7	2.3
Highest rate, wheat, 1889, 3.6c. , lowest, 2c. ; average for the season, 2.5c.							
1890 { Wheat.....	1.8	2.2	2.3	1.5	2.0	1.8	2.0
1890 { Corn.....	1.6	2.0	2.0	1.3	1.8	1.6	1.8
Highest rate, wheat, 1890, 2½c. ; lowest, 1.5c. ; average for the season, 1.9c.							
1891 { Wheat.....	1.4	1.2	2.1	2.7	3.3	2.2	4.1
1891 { Corn.....	1.2	1.1	2.0	2.5	3.0	2.1	3.8
Highest rate, wheat, 1891, 5¼c. ; lowest, 1c. ; average for the season, 2.4c.							
1892 { Wheat.....	1.9	1.8	2.0	2.3	2.3	2.3	2.6
1892 { Corn.....	1.7	1.6	1.8	2.1	2.1	2.1	2.3
Highest rate, wheat, 1892, 3c. ; lowest, 1c. ; average for the season, 2.2c.							
1893 { Wheat.....	1.3	1.8	1.2	1.3	1.7	2.1	2.0
1893 { Corn.....	1.2	1.6	1.1	1.2	1.5	1.9	1.8
Highest rate, wheat, 1893, 2¾c. ; lowest, 1c. ; average for the season, 1.6c.							
1894 { Wheat.....	1.4	1.2	0.9	1.0	1.4	1.1	1.3
1894 { Corn.....	1.2	1.1	0.9	0.9	1.3	1.0	1.3
Highest rate, wheat, 1894, 3c. ; lowest ¾c. ; average for the season, 1.2.							
1895 { Wheat.....	1.2	1.2	1.1	1.6	2.1	3.0	3.0
1895 { Corn.....	1.1	1.1	1.0	1.4	1.9	2.9	2.7
Highest rate, wheat, 1895, 3c. ; lowest, 1c. ; average for the season, 1.9c.							
1896 { Wheat.....	1.6	1.5	1.2	1.3	1.4	2.0	2.1
1896 { Corn.....	1.4	1.3	1.1	1.2	1.2	1.9	1.9
Highest rate, wheat, 1896, 2¾c. ; lowest, 1¼c. ; average for the season, 1.7c.							
1897 { Wheat.....	1.3	1.2	1.3	1.5	2.0	1.8	1.5
1897 { Corn.....	1.2	1.1	1.2	1.4	1.8	1.7	1.4
Highest rate, wheat, 1887, 2¾c. ; lowest, 1c. ; average for the season, 1.5c.							

LAKE FREIGHTS FROM DULUTH TO BUFFALO ON WHEAT (AS REPORTED BY THE SEC. OF THE MERCHANTS EXCHANGE, BUFFALO, N. Y.

The following statement shows the Lake Freight rates on Wheat from Duluth to Buffalo, during the season of 1897.

1897.	Wheat, Bushels.	1897.	Wheat, Bushels.
	Cts.		c.
April 24.....	1½	Aug. 4.....	1½
May 1.....	1¼	do 12.....	1½
do 12.....	1¾	do 18.....	1½
do 17.....	1½	do 24.....	1½
do 23.....	1¾	do 28.....	1½
June 11.....	1½ to 1¾	Sept. 2.....	2¼
do 16.....	1½	do 7.....	2½
July 13.....	1¼	do 13.....	2¼
do 19.....	1	Oct. 7.....	2½
Aug. 2.....	1¼	do 11 to close.....	2

In 1885, the range of freights on wheat, Duluth to Buffalo, was 1½ to 5c. ; in 1886, 3¼ to 8c. ; in 1887, 5 to 8c. ; in 1888, 2 to 5c. ; in 1889, 2 to 5c. ; in 1890, 2 to 5c. ; in 1891, 1¼ to 9½c. ; in 1892, 2¼ to 4c. ; in 1893, 1¼ to 3½c. ; in 1894, 1¼ to 3c. ; in 1895, 2 to 6c. ; in 1896, 1¼ to 3c. ; in 1897, 1 to 2½c. per bushel.

The first departure by lake, at Duluth, in 1896, was on April 22nd, and in 1895 on April 27th. In 1894, season opened on April 19th ; in 1893, on May 8th ; in 1892, on April 21st ; in 1891, on April 30th ; in 1890, on March 26th ; in 1889, on April 20th ; in 1888, on May 12th ; in 1887, on May 4th ; in 1886, on May 7th.

Wheat was shipped at Kingston, Canada, per bushel, during the season of 1887, at 6¼ to 7¾c. ; in 1888, at 4 to 5c. ; in 1889, at — ; in 1890, 5¾, 5½, 4½, 4¼, 4c. ; in 1891, during May, 3¾, 3½, 2½c. ; during June, 3c. ; and on July 25th, 2½c. ; in 1892, 5c. in April ; 5 to 5¼c. in May ; 4c. in June ; 4½c. in July ; 3c. in August ; 6 to 6¼c. in October ; in 1893, ranged from 5½ to 4½c. in April ; 4½ to 4¾c. in May ; 4 to 3½c. in June ; 2¾ to 3c. in July ; 3½ to 3¾c. in September ; no figures quoted after that date. In 1894, ranged from 3¼ to 3½c. in May ; 3½c. in June ; 2½c. in July ; 2½ to 3¼c. in August ; 4c. in September ; and 4¼c. in October. On August 25th and November 3rd, 1894, wheat to Ogdensburgh at 3¼c. and 4½c. respectively. In 1895, wheat to Kingston from 3c to 5c. In 1896, wheat to Kingston from 3c. to 5½c. ; and in 1897, wheat to Kingsth n 3c. to 3½, according to time of year.

LAKE FREIGHTS FROM TOLEDO TO BUFFALO ON WHEAT.

The following statement shows the ruling rates of Lake Freights, on wheat from Toledo to Buffalo, during the season of 1897, on the dates specified, as reported by the Secretary Merchants Exchange Buffalo.

Date, 1897.	Wheat. Bush.	Date, 1897.	Wheat. Bush.
	Cts.		Cts.
Opening to August 29th.....	1	August 30th to close of season.....	1¼

The range for 1886 was $1\frac{3}{4}$ to 3c.; for 1887, $2\frac{1}{4}$ to 3c.; for 1888, $1\frac{1}{2}$ to $2\frac{1}{8}$ c.; for 1889, $1\frac{3}{4}$ to 2c.; for 1890, $1\frac{1}{2}$ to 2c.; for 1891, 1 to 3c.; for 1892, $1\frac{1}{2}$ to $2\frac{1}{2}$ c.; for 1893, 1 to 2c.; for 1894, 1 to 2c.; for 1895, 1 to $2\frac{1}{4}$ c.; for 1896, $1\frac{1}{4}$ to $1\frac{3}{4}$ c., and for 1897, 1 to $1\frac{1}{4}$ c. per bushel.

From Toledo to Ogdensburg, wheat and corn shipped, at 6 to 7c. in 1887; at $4\frac{1}{2}$ to 6c. for wheat and 5c. for corn in 1888; and 5c. to $5\frac{7}{8}$ c. for wheat in 1889 per bushel. From Toledo, on October 8th, 1887, corn shipped to Kingston at $3\frac{1}{2}$ c. and on November 12th, at $4\frac{1}{2}$ c. per bushel. In 1888, corn Toledo to Kingston at $4\frac{1}{4}$ c. to 3c.; and wheat at $3\frac{1}{2}$ to 3c. per bushel. In 1889, wheat Toledo to Kingston, 3c.; and in 1891, rye Toledo to Kingston at 3c. per bushel. From Toledo, on June 2nd, 1887, wheat shipped to Montreal by propeller at $6\frac{1}{2}$ c.; on June 14th, corn at same price; but on September 26th the rate on corn was only 5c. per bushel. In 1888, corn Toledo to Montreal, at 6 to $5\frac{3}{4}$ c. and wheat at $5\frac{1}{2}$ c. per bushel. From 1889 to 1897, no shipments to Montreal or other places in Canada reports.

CANAL FREIGHTS FROM BUFFALO TO NEW YORK.

The following shows the changes in the ruling rates of freight to New York from Buffalo, on the days specified in 1897 (as reported by the Secretary, Merchants Exchange, Buffalo).

Date, 1897.	Wheat. Bush.	Corn. Bush.	Date, 1897.	Wheat. Bush.	Corn. Bush.
	Cts.	Cts.		Cts.	Cts.
Opening	$3\frac{3}{8}$	$2\frac{7}{8}$	July 15th	$2\frac{1}{2}$	$2\frac{1}{8}$
May 8th	3	$2\frac{1}{2}$	August 27th	$2\frac{7}{8}$	$2\frac{1}{2}$
" 17th	3 to $2\frac{1}{4}$	$2\frac{1}{2}$ to $2\frac{1}{4}$	" 28th	3	$2\frac{5}{8}$
" 18th	$2\frac{7}{8}$	$2\frac{1}{8}$	Sept. 3rd	$3\frac{1}{2}$	3
" 25th	$2\frac{1}{4}$	$1\frac{7}{8}$	" 15th	$3\frac{3}{8}$	$2\frac{7}{8}$
June 5th	2	$1\frac{3}{4}$	" 20th	$3\frac{1}{4}$	$2\frac{3}{4}$
" 7th	$2\frac{1}{8}$	$1\frac{3}{4}$	Oct. 1st	3	$2\frac{1}{2}$
July 7th	$2\frac{1}{4}$ to $2\frac{1}{4}$	$1\frac{3}{4}$ to $1\frac{3}{4}$	" 25th to close	$3\frac{1}{2}$	3
" 8th	$2\frac{1}{4}$	$1\frac{3}{8}$			

The freight on oats varied from $1\frac{3}{8}$ to $2\frac{1}{8}$ c. per bushel.

Pine lumber per 1,000 feet, was carried from Buffalo and Tonawanda to New York as follows: Opened at \$2; changed May 11th to \$1.75 and continued at that rate to the close. Rates to Albany, 50c. per 1,000 feet, less than preceding figures.

AVERAGE CANAL FREIGHTS.

BUFFALO TO NEW YORK.

The following statement shows the average rates of canal freights on wheat and corn between Buffalo and New York during each month in the past ten years, and the highest and lowest rates on wheat and average rate on wheat in each:—

(Reported by Sec. Merchants Exchange Buffalo).

Grain.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
1888 { Wheat.....	3·4	2·5	2·5	4·1	3·9	3·7	3·5
1888 { Corn.....	3·1	2·3	2·3	3·8	3·6	3·4	3·2
Highest rate, wheat, 1888, 4·5c. ; lowest, 2c. ; average for the season, 3·4c.							
1889 { Wheat.....	4·0	3·8	4·0	4·4	5·0	5·0	5·0
1889 { Corn.....	3·6	3·4	3·6	3·9	4·5	4·5	4·4
Highest rate, wheat, 1889, 5c. ; lowest, 3·7c. ; average for the season, 4·8c.							
1890 { Wheat.....	3·9	3·8	3·6	3·8	3·9	4·0	3·5
1890 { Corn.....	3·5	3·4	3·2	3·4	3·5	3·6	3·1
Highest rate, wheat, 1890, 4·2c ; lowest, 3c. ; average for the season, 3·8c.							
1891 { Wheat.....	2·8	2·9	2·8	3·8	4·2	4·6	4·0
1891 { Corn.....	2·5	2·6	2·5	3·5	3·8	4·2	3·6
Highest rate, wheat, 1891, 3½c. ; lowest, 2·5c. ; average for the season, 3·5c.							
1892 { Wheat.....	2·7	2·2	2·4	3·0	3·8	4·7	4·6
1892 { Corn.....	2·4	2·0	2·2	2·6	3·4	4·4	4·3
Highest rate, wheat, 1892, 6c. ; lowest, 2½c. ; average for the season, 3·5c.							
1893 { Wheat.....	4·8	4·8	4·6	4·6	4·0	4·7	4·8
1893 { Corn.....	4·4	4·4	4·3	4·2	3·6	4·3	4·5
Highest rate, wheat, 1893, 5c. ; lowest, 3·6c ; average for the season, 4·6c.							
1894 { Wheat.....	3·1	2·9	3·3	3·4	3·6	2·9	3·0
1894 { Corn.....	2·8	2·6	3·0	3·1	3·3	2·6	2·7
Highest rate, wheat, 1894, 4c. ; lowest, 2·6c. ; average for the season 3·2c.							
1895 { Wheat.....	1·9	1·7	2·0	2·0	2·1	2·5	2·7
1895 { Corn.....	1·7	1·5	1·7	1·7	2·0	2·2	2·5
Highest rate, wheat, 1895, 3c. ; lowest, 1·9c. ; average for the season, 2·2c.							
1896 { Wheat.....	3·7	3·7	3·7	3·7	3·7	3·7	3·8
1896 { Corn.....	3·5	3·5	3·5	3·5	3·5	3·5	3·6
Highest rate, wheat, 1896, 4c. ; lowest, 3·1c. ; average for the season, 3·7c.							
1897 { Wheat.....	2·6	2·2	2·3	2·5	3·3	3·1	3·5
1897 { Corn.....	2·2	1·8	2·0	2·2	2·8	2·6	3·0
Highest rate, wheat, 1897, 3·5c. ; lowest 2·1c. ; average for the season. 2·8c.							

NOTE.—Canal free of tolls since 1882.

FREIGHT, TOLLS, ELEVATING AND STORAGE RATES COMPARED.

The following statement shows the receipts of grain and flax-seed at Buffalo, the average canal freight on wheat, and the tolls on wheat to New York, and the elevating, and storage rates at Buffalo for a series of years (as reported by Secretary, Merchants' Exchange, Buffalo) :

Year.	Grain received.	Average Canal Freight on Wheat.	Tolls on Wheat.	Elevating, including Storage.
	Bush.	Cts.	Cts.	Cts.
1870	32,208,039	11·2	3·1	1½
1871	61,319,313	12·6	3·1	1½
1872	58,703,666	13·0	3·1	1½
1873	65,498,955	11·4	3·1	1½
1874	55,660,198	10·0	3·1	1½
1875	52,833,451	7·9	2·0	1
1876	44,207,121	6·6	2·0	1
1877	61,822,292	7·4	1·0	1
1878	78,828,443	6·0	1·0	1
1879	75,089,768	6·8	1·0	1
1880	105,133,009	6·5	1·0	1
1881	56,389,827	4·7	1·0	1
1882	51,501,503	5·4	1·0	1
1883	65,722,080	4·9	None.	1
1884*	58,011,800	4·2	do	1
1885*	52,671,090	3·8	do	1
1886*	75,570,850	5·0	do	1
1887*	87,073,570	4·6	do	1
1888*	73,977,390	3·4	do	1
1889*	92,290,550	4·8	do	1
1890*	91,994,680	3·8	do	1
1891*	135,315,510	3·5	do	1
1892*	138,872,560	3·5	do	1
1893*	140,796,410	4·6	do	1
1894*	105,435,577	3·2	do	1
1895*	121,225,497	2·2	do	1
1896*	161,470,745	3·7	do	1
1897*	167,842,186	2·8	do	1

NOTE.—Prior to 1870 tolls 6·21 cents per bushel, and the elevating charge 2 cents per bush.

* Including flax seed.

AVERAGE FREIGHT CHARGES PER BUSHEL.

For the transportation of wheat and corn from Chicago to New York for a series of years.

(From Report of Board of Trade, Chicago.)

	CORN.			WHEAT.		
	By lake and canal.	By lake and rail.	By all rail.	By lake and canal.	By lake and rail.	By all rail.
1858	127		3619	1550		3861
1859	1570		3248	1663		3480
1860	a 0833		3248	a 095		3480
1861	a 1062		3881	a 1210		4158
1862	a 0957		4480	a 1062		4800
1863	a 063		4592	a 072		4920
1864	a 09		5600	a 0952		60
1865	a 0864		4188	a 0894		4488
1866	a 1075		4312	a 1377		4620
1867	a 0511		4176	a 08		4475
1868	a 0604		3532	a 0802		3784
1869	a 0584	2355	3320	a 0651	2520	3557
1870	a 16	2220	28	a 0677	2250	30
1871	a 0754	2372	2968	a 0687	2542	3180
1872	a 1072	2660	3266	a 1110	2950	3499
1873	a 0816	2298	2893	a 0917	2461	3102
1874	a 0382	1388	2450	a 0400	1709	2625
1875	a 034	1303	2240	a 0378	1389	2400
1876	b 0875	1079	1574	b 0982	1136	1686
1877	b 0959	1406	1890	b 1109	1546	2050
1878	b 0883	1053	1652	b 0996	1209	1770
1879	b 1049	1220	1456	b 1187	1313	1774
1880	b 1341	1443	1748	b 1313	1580	1980
1881	b 0777	0942	1340	b 0867	1049	1440
1882	b 0672	1028	1350	b 0723	1091	1447
1883	b 0803	11	1512	b 0901	1163	1620
1884	b 0655	085	1232	b 07	10	1320
1885	b 063	0801	1232	b 0654	0902	1320
1886	b 0845	1120	14	b 0910	12	1500
1887	b 0850	1120	1470	b 0950	12	1575
1888	b 0671	1026	1354	b 0705	1114	1450
1889	b 0632	0819	126	b 0692	0897	1500
1890	b 0593	0732	1136	b 0676	0852	1430
1891	b 0632	0753	1400	b 0695	0857	1500
1892	b 0595	0721	1296	b 0645	0759	1380
1893	b 0718	0797	1365	b 0766	0848	1463
1894	b 0493	0650	1232	b 0511	0700	1320
1895	b 0450	0640	1029	b 0486	0696	1189
1896	b 0575	0615	1050	b 0619	0661	1200
1897	b 0453	0692	1143	b 0522	0742	1250

a To Buffalo only. b Including Buffalo charges and tolls.

FOREIGN FREIGHT RATES.

ANNUAL average Freight Rates on Grain, Flour and Provisions (per 100 lbs.) from Chicago to European Ports, by all Rail to Sea-board and thence by steamers.

Shipped to	Articles.	1897.	1896.	1895.	1894.	1893.
		\$	\$	\$	\$	\$
Liverpool	Grain	3360	3350	3200	3250	3410
do	Sacked flour	3681	3430	3400	3316	3515
do	Provisions	4440	4491	4181	4406	4547
Glasgow	Grain	3523	3422	3419	3463	3585
do	Sacked flour	3906	3650	3625	3503	3625
do	Provisions	5250	4997	4969	4659	4828
London	Grain	3400	3348	3329	3288	3760
do	Sacked flour	3612	3528	3513	3493	3794
do	Provisions	4814	4715	4603	4575	4828
Antwerp	do	5109	4969	4828	4688	4828
Hamburg	do	5100	5100	5000	5000	5250
Amsterdam	do	5200	5200	5000	5000	5000
Rotterdam	do	5200	5200	4800	5000	5000
Copenhagen	do	5728	5812	5531	5531	5531
Stockholm	do	6853	6937	6656	6656	6656
Stettin	do	5728	5812	5531	5531	5531
Bordeaux	do	6413	6413	6413	6250	6000

LAKE FREIGHTS ON COAL FROM BUFFALO TO CHICAGO AND OTHER PORTS.

The following statement shows the ruling freight rates on coal per ton, in cents, from Buffalo to the Ports named, during the season of 1897, for the week ending on the dates specified.

1897. Week ending.	Chicago.	Milwaukee.	Duluth and Superior Ports.	Green Bay.	Gladstone.	Shebogan.	Toledo.	Detroit.	Racine.	Saginaw.	Bay City.	Washburn.	Ashland.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
April 25		25	20							40			
May 1	25	25	20										
do 8	25	25	20										
do 15	25	25	20						25	35			
do 22	20	20	20	25					25	35			
do 29	20	20	20										
June 5	20	20	20							35			
do 12	20	20	20				20		25	35			
do 19	20	20	20			25			25		25		
do 26	20	20	20	25					25	35	25		
July 3	20	20	20				20		25	40	20		
do 10	20	20	20	25		25			25	35	25		
do 17	20	20	20	25	20		20		25				
do 24	20	20	20	25			20			35	25	20	
do 31	20	20	20	25	20		20	25	25	35	25		
Aug. 7	20	20	20	25			20				25	20	
do 14	20	20	20	25	20		20			35	25	20	
do 21	20	20	20	25			20		25	35	25	20	
do 28	20	20	20				20				25	20	
Sept. 4	20	20	20				20						
do 11	20	20	20	25	20		20	20			25		20
do 18	20	20	20	25	20		20				25		
do 25	20	20	20	25	20		20	20			25		
Oct. 2	20 to 30	20 to 30	20	25			20				25		20
do 9	30 to 40	30 to 40	20 to 25	40			20						
do 16	40	40	25	40			20	30					
do 23	40	40	25	40	25		25	30			30	25	
do 30	40	40	25	40	25		25				30		
Nov. 6	50	50	30	50	30		30	30	50				
do 13	50 to 60	50 to 60	30 to 60	50	60		30	30			35		
do 20	60	60	60	60	60		30		70				
do 27	60	60	60	60	60		30						
Dec. 3	60	60	60	60	60		30						
do 10	60						30						
do 17	60						30						

NOTE—All coal carried on the lakes is loaded and unloaded free of expense to the vessel.

TOTAL VALUES of Merchandise Received from British North America for Immediate Transit across United States Territory, for Immediate Transshipment in Ports of the United States to British North America, and so shipped, during each year from 1873 to 1897 inclusive.

YEAR ENDING 30TH JUNE.	COUNTRIES FROM WHICH RECEIVED.					COUNTRIES TO WHICH SHIPPED.				
	British North America.					British North America.				
	Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, On- tario, Mani- toba and the North- west Terri- tories.	British Columbia.	Newfound- land and Labrador.	Total.	Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, On- tario, Mani- toba and the North- west Terri- tories.	British Columbia.	Newfound- land and Labrador.	Total.
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1873	495,289	12,894,164	5,240		13,394,693	5,282,290	21,320,174	181,720		26,784,184
1874	449,655	13,616,344	97,691		14,163,690	7,150,036	19,843,169	317,534		27,310,739
1875	443,570	17,342,933	256,074		18,042,577	8,999,596	20,283,639	517,060		29,800,295
1876	261,443	22,134,275	195,047	1,137	22,591,902	9,102,600	14,658,358	658,836	94	24,419,888
1877	160,658	12,092,619	218,418		12,471,695	2,879,422	15,551,238	544,018	2,475	18,977,153
1878	163,978	11,627,114	412,966		12,204,058	951,268	11,436,470	524,013	934	12,912,685
1879	194,129	11,606,832	280,079	55	12,081,095	889,539	11,520,877	476,824	2,347	12,889,587
1880	215,131	16,782,315	137,271		17,134,717	1,643,716	14,866,663	531,436	288	17,042,103
1881	171,383	16,758,108	72,555		17,002,046	1,778,836	20,857,827	719,268	333	23,356,264
1882	164,990	28,265,083	113,018	87	28,543,178	2,732,665	34,005,845	855,784	1,190	37,595,484
1883	561,791	29,204,031	36,973	25	29,802,820	2,455,557	35,878,389	971,307	7,335	39,312,568
1884	656,233	12,574,953	188,041		13,419,227	1,740,900	19,717,466	1,475,833	5,186	22,939,385
1885	933,806	12,280,483	308,691	633	13,523,613	1,635,442	16,448,942	1,615,293	781	19,700,458
1886	1,165,973	9,303,864	359,104	32,079	10,861,020	2,040,298	16,369,429	1,825,178	6,174	20,241,079
1887	1,684,730	9,606,175	213,816		11,504,721	1,621,748	19,930,296	635,841	70	22,187,955
1888	1,525,048	6,417,701	372,934	27,134	8,542,817	1,781,028	13,459,169	370,322	1,137	13,611,656
1889	2,596,233	8,355,178	294,859	89,853	11,336,123	2,484,787	18,993,957	665,527	2,704	22,146,975
1890	3,070,657	12,449,772	306,897	174,584	16,001,910	5,277,210	21,140,198	913,106	4,690	27,335,204
1891	3,859,079	15,310,945	422,806	187,640	19,780,476	5,605,614	21,695,992	547,144	34,273	27,883,023
1892	4,393,062	19,005,704	201,373	328,116	23,928,255	2,079,783	24,189,181	428,188	6,962	26,704,114
1893	1,009,597	16,404,425	89,565	381,986	17,885,573	2,052,357	20,232,400	409,055	26,289	22,720,111
1894	1,070,676	15,649,881	348,069	273,467	17,342,093	1,831,417	17,880,688	463,471	6,640	20,182,216
1895	1,199,782	17,774,108	411,557	236,415	19,621,862	1,834,745	19,320,714	558,991	7,844	21,722,294
1896	1,118,185	18,038,931	582,469	404,020	20,143,605	1,572,783	19,441,279	772,586	1,768	21,788,416
1897	1,118,055	22,497,151	611,322	367,295	24,593,823	1,682,538	17,660,211	1,312,797	8,130	20,663,676

TOTAL VALUES of Merchandise received from the Principal and other Foreign Countries for Immediate Transit across United States Territory or for Immediate Transshipment in Ports of the United States to other foreign countries, and so shipped, for each Year from 1868 to 1897 inclusive.

Year ending June 30.	COUNTRIES FROM WHICH RECEIVED.						COUNTRIES TO WHICH SHIPPED.						Total Value of Merchandise received and shipped.
	Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.	Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1868	10,664,576	132,074	4,864,209	14,967	4,263,621	1,576,157	2,025,023	3,212,123	14,375,419	481,643	116,521	1,304,875	21,516,604
1869	10,891,698	150,382	5,852,678	60,715	2,373,474	1,767,037	2,693,525	1,547,602	15,033,821	448,300	72,875	1,299,861	21,095,984
1870	10,210,455	302,806	7,215,973	103,977	3,309,227	2,049,422	2,946,053	2,116,249	16,689,037	321,331	135,915	983,275	23,191,860
1871	13,473,915	322,110	7,954,060	344,179	1,367,573	1,913,200	4,031,319	1,033,307	18,406,475	346,872	345,224	1,211,840	25,375,037
1872	17,633,231	227,232	9,276,169	174,104	2,227,422	1,847,162	2,743,494	2,263,819	24,042,790	358,151	179,570	1,797,496	31,385,320
1873	19,144,815	250,704	13,394,693	286,607	5,737,904	1,284,462	5,144,175	5,622,325	26,784,184	235,113	319,771	1,993,617	40,099,185
1874	18,832,900	211,907	14,163,690	151,920	4,563,869	926,390	5,391,201	3,866,642	27,310,739	665,214	520,493	1,096,387	38,850,676
1875	18,657,276	325,648	18,042,577	115,527	1,759,308	1,785,947	7,229,912	1,495,285	29,860,295	1,155,004	248,358	757,429	40,686,283
1876	14,304,197	290,489	22,591,902	226,315	2,962,963	1,686,789	11,791,200	2,958,558	24,419,888	1,129,410	600,061	1,163,508	42,062,655
1877	13,732,085	337,897	12,471,695	158,852	1,095,451	1,460,793	7,758,501	1,108,298	18,977,153	329,577	306,311	776,933	29,256,773
1878	10,084,510	378,768	12,204,058	146,822	3,041,957	1,481,033	9,577,050	2,905,230	12,912,685	316,664	319,611	1,305,908	27,337,148
1879	8,795,340	521,917	12,081,095	222,320	1,954,042	1,521,153	8,175,951	2,252,572	12,889,587	330,968	174,757	1,272,032	25,095,867
1880	10,311,139	620,704	17,134,747	239,655	3,606,099	1,942,405	10,856,579	3,658,477	17,042,103	300,148	224,848	1,775,594	33,857,749
1881	14,898,052	721,344	17,002,046	217,444	2,642,550	2,222,122	9,122,079	2,729,246	23,356,264	671,008	177,340	1,648,121	37,704,048
1882	18,911,637	755,560	28,543,178	380,100	5,662,926	3,812,058	11,592,806	5,336,361	37,595,484	800,025	319,257	2,421,526	58,065,459
1883	20,242,222	1,149,195	29,802,820	281,309	3,126,069	4,276,712	11,089,865	2,758,994	39,312,568	2,282,473	352,552	3,081,875	58,878,327
1884	14,038,694	948,901	13,419,227	408,124	3,655,568	4,345,878	5,288,389	2,960,488	22,939,385	2,748,434	221,061	2,656,635	36,814,392
1885	11,064,186	1,140,548	13,523,613	308,293	4,853,354	3,545,544	7,235,519	3,771,524	19,700,458	1,262,515	119,376	2,346,146	34,435,538
1886	13,142,644	1,462,414	10,861,020	216,078	6,797,879	4,558,229	8,510,097	3,803,566	20,241,079	1,279,399	452,700	2,751,423	37,038,264
1887	17,977,200	1,670,952	11,504,721	111,635	6,780,853	4,720,760	10,052,219	4,353,992	22,187,955	2,002,476	608,121	3,561,358	42,766,121
1888	13,707,240	1,817,511	8,342,817	120,497	4,820,846	4,534,298	6,853,195	2,551,043	15,611,656	3,766,180	563,539	3,997,596	33,343,209
1889	19,080,647	2,582,456	11,336,123	296,654	9,054,736	5,052,610	9,233,659	4,581,064	22,146,975	4,781,110	892,158	5,768,287	47,403,253
1890	20,664,427	2,735,546	16,002,384	639,050	9,759,256	5,898,763	10,656,465	5,097,434	27,335,678	4,944,149	1,215,399	6,450,301	55,699,426
1891	20,879,851	2,819,238	19,780,470	565,338	6,977,901	6,475,119	11,968,808	3,640,940	27,883,023	5,052,318	966,851	7,985,977	57,497,917
1892	21,334,783	2,930,571	23,928,255	1,383,455	11,054,445	8,936,228	20,141,862	6,995,419	26,704,114	4,953,911	1,472,980	9,299,451	69,567,737
1893	20,387,339	3,466,885	17,885,573	1,652,200	10,131,171	14,426,669	18,511,287	7,986,637	22,720,111	4,607,549	2,034,761	12,089,492	67,949,837
1894	19,641,622	3,717,740	17,342,093	1,858,367	9,916,742	19,031,011	18,394,865	11,154,933	20,182,216	4,543,455	2,586,919	16,645,187	71,507,573
1895	18,531,083	4,122,899	19,621,862	2,515,091	10,420,277	10,465,981	20,562,325	6,684,735	21,722,294	4,512,293	1,951,985	10,243,561	65,677,193
1896	19,420,751	3,460,489	20,143,605	1,797,161	11,668,243	13,272,521	20,022,263	7,942,844	21,788,416	5,210,607	1,890,705	12,907,932	69,762,770
1897	17,513,324	3,183,390	24,593,823	1,903,924	9,589,820	13,275,822	24,809,259	5,333,860	20,663,676	5,320,563	2,058,454	11,874,291	70,060,103

FOREIGN CARRYING TRADE.

VALUE of the Imports and Exports of the United States carried respectively in cars and other land vehicles, in American vessels and in foreign vessels during each Fiscal Year, from 1857 to 1897 inclusive, with the percentage carried in American vessels (coin and bullion are included from 1857 to 1879 inclusive,) as method of transportation of specie and merchandise cannot be separately stated.

Year ending June 30.	IMPORTS.			EXPORTS.			TOTAL IMPORTS AND EXPORTS.				Percentage carried in American vessels.
	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	Total.	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1857		259,116,170	101,773,971		251,214,857	111,745,825		510,331,027	213,519,796	723,850,823	70.5
1858		203,700,016	78,913,134		243,491,288	81,153,133		447,191,304	160,066,267	607,257,571	73.7
1859		216,123,428	122,644,702		249,617,953	107,171,509		465,741,381	229,816,211	695,557,592	66.9
1860		228,164,855	134,001,399		279,082,902	121,039,394		507,247,757	255,040,793	762,288,550	66.5
1861		201,544,055	134,106,098		179,972,733	69,372,180		381,516,788	203,478,278	584,995,066	65.2
1862		92,274,100	113,497,629		125,421,318	104,517,667		217,695,418	218,015,296	435,710,714	50.0
1863		109,744,580	143,175,340		132,127,891	199,880,691		241,872,471	343,056,031	584,928,502	41.4
1864		81,212,077	248,350,818		102,849,409	237,442,730		184,061,486	485,793,548	669,855,034	27.5
1865		74,385,116	174,170,336		93,017,756	262,839,588		167,402,872	437,010,124	604,412,996	27.7
1866		112,040,395	333,471,763		213,671,466	351,754,928		325,711,861	685,226,691	1,010,938,552	32.2
1867		117,209,536	300,622,035		180,625,368	280,708,368		297,834,904	581,330,403	879,165,307	33.9
1868		122,965,225	248,659,583		175,106,348	301,886,491		297,981,573	550,546,074	848,527,647	35.1
1869		136,802,024	300,512,231		153,154,748	285,979,781		289,956,772	586,492,012	876,448,784	33.1
1870		153,237,077	309,140,510		199,732,324	329,786,978		352,969,401	638,927,488	991,896,889	35.6
1871	15,187,354	163,285,710	363,020,644	7,798,156	190,378,462	392,801,932	22,985,510	353,664,172	755,822,576	1,132,472,258	31.2
1872	17,635,681	177,286,302	445,416,783	10,015,089	168,044,799	393,929,579	27,650,770	345,341,101	839,346,362	1,212,328,233	28.5
1873	17,070,548	174,739,834	471,806,765	10,799,430	171,566,758	494,915,886	27,869,978	346,306,592	966,723,651	1,340,899,221	25.8
1874	14,513,335	176,027,778	405,320,135	8,509,205	174,424,216	533,885,971	23,022,540	350,451,994	939,206,106	1,312,680,640	26.7
1875	13,083,859	157,872,726	382,949,568	7,304,356	156,385,066	501,838,949	20,388,235	314,257,792	884,788,517	1,119,434,544	25.8
1876	12,148,667	143,389,704	321,139,500	6,324,487	167,686,467	492,215,487	18,473,154	311,076,171	813,354,987	1,142,904,312	27.2
1877	10,697,640	151,834,067	329,565,833	6,767,170	164,826,214	530,354,703	17,464,810	316,606,281	859,920,536	1,194,045,627	26.5
1878	12,965,999	146,499,282	307,407,565	7,511,365	166,551,624	569,583,564	20,477,364	313,050,906	876,991,129	1,210,519,399	25.9
1879	11,983,823	143,590,353	310,499,599	7,439,862	128,425,339	600,769,633	19,423,685	272,015,692	911,269,232	1,202,708,609	22.6
1880	15,142,465	149,317,368	503,494,913	5,838,928	109,029,209	720,770,521	20,981,393	258,346,577	1,224,265,434	1,503,593,404	17.18
1881	17,193,213	133,631,146	491,840,269	8,259,308	116,955,324	777,162,714	25,452,521	250,586,470	1,269,002,983	1,545,041,974	16.22
1882	22,854,946	130,266,826	571,517,802	12,118,371	96,962,919	641,460,967	34,973,317	227,229,745	1,212,978,769	1,475,181,831	15.40
1883	23,003,048	136,002,290	564,175,576	25,089,844	104,418,210	694,331,348	48,092,892	240,420,500	1,258,506,024	1,547,020,316	15.54
1884	20,140,294	135,046,207	512,511,192	26,573,774	98,652,828	615,287,000	46,714,068	233,699,035	1,127,798,199	1,408,211,302	16.60
1885	21,149,476	112,864,052	443,513,801	24,183,299	82,001,691	636,004,765	45,332,775	194,865,743	1,079,518,566	1,319,717,084	14.76
1886	24,555,683	118,942,817	491,937,636	19,144,667	78,406,680	581,973,477	43,700,350	197,349,503	1,073,911,113	1,314,960,966	15.01
1887	27,562,059	121,365,493	543,392,216	21,389,666	72,991,253	621,802,292	48,951,725	194,356,746	1,165,194,508	1,408,502,979	13.80

VALUE of the Imports and Exports of the United States carried respectively in cars and other land vehicles, etc.—*Concluded.*

Year ending June 30.	IMPORTS.			EXPORTS.			TOTAL IMPORTS AND EXPORTS.				Percentage carried in American vessels.
	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	Total.	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1888.....	32,209,459	123,525,298	568,222,357	22,147,368	67,332,175	606,474,964	54,356,827	190,857,473	1,174,697,321	1,419,911,621	13.44
1889.....	38,227,861	120,782,910	586,120,881	28,436,517	83,022,198	630,942,660	66,664,378	203,805,108	1,217,063,541	1,487,533,027	13.70
1890.....	40,621,361	124,948,948	623,740,100	32,949,902	77,502,138	747,376,644	73,576,263	202,451,086	1,371,116,744	1,647,139,093	12.29
1891.....	40,932,755	127,471,678	676,511,763	31,923,439	78,968,047	773,589,324	72,856,194	206,439,725	1,450,101,087	1,729,397,006	11.94
1892.....	39,726,595	139,139,891	648,535,976	33,220,629	81,033,844	916,023,675	72,947,224	220,173,735	1,564,559,651	1,857,680,610	11.85
1893.....	44,121,094	127,095,434	695,184,394	43,862,947	70,670,073	733,132,174	87,984,041	197,765,507	1,428,316,568	1,714,066,116	12.2
1894.....	29,623,095	121,561,193	503,810,334	49,221,427	73,707,023	769,212,122	78,844,522	195,268,216	1,273,022,456	1,547,135,194	13.3
1895.....	33,201,988	108,229,615	590,538,362	49,902,754	62,277,581	695,357,830	83,104,742	170,507,196	1,285,896,192	1,589,508,130	11.7
1896.....	35,535,079	117,299,074	626,890,521	61,131,125	70,392,813	751,083,000	96,666,204	187,691,887	1,377,973,521	1,662,331,612	12.00
1897.....	35,812,620	109,133,454	619,784,338	65,082,305	79,441,823	905,969,428	100,894,925	189,075,277	1,525,753,766	1,815,723,968	11.00

NOTES.—1. The amounts carried in cars and other land vehicles, were not separately stated prior to July 1, 1870. 2. Exports are stated in mixed gold and currency values from 1862 to 1879, inclusive.

STATEMENT showing the Total Values of Foreign Merchandise transported in the In-Transit and Transshipment Trade of the United States with the British North American Possessions during each year from 1871 to 1897.

Year ending 30th June.	Received for transit and transshipment from British North American Possessions.			Shipped in transit to or transshipment for British North American Possessions.		
	By Land.	By Water.	Total.	By Land.	By Water.	Total.
	\$	\$	\$	\$	\$	\$
1871.....	6,035,585	1,918,475	7,954,060	15,624,591	2,781,884	18,406,475
1872.....	8,237,859	1,038,310	9,276,169	19,357,342	4,685,448	24,042,790
1873.....	11,700,787	1,693,906	13,394,693	20,178,666	6,605,518	26,784,184
1874.....	12,695,590	1,468,100	14,163,690	20,572,299	6,938,430	27,510,739
1875.....	16,890,022	1,152,555	18,042,577	23,794,129	6,006,166	29,800,295
1876.....	21,301,262	1,290,640	22,591,902	19,369,958	5,049,930	24,419,888
1877.....	10,835,642	1,636,053	12,471,695	17,066,855	1,910,298	18,977,153
1878.....	10,314,534	1,889,524	12,204,058	11,914,321	998,364	12,912,685
1879.....	10,098,998	1,982,097	12,081,095	12,030,635	858,952	12,889,587
1880.....	15,265,177	1,869,570	17,134,747	16,388,673	653,430	17,042,003
1881.....	15,200,967	1,801,079	17,002,046	22,828,270	527,994	23,356,264
1882.....	24,665,029	3,878,149	28,543,178	36,613,465	982,019	37,595,484
1883.....	26,382,370	3,420,450	29,802,820	38,389,318	923,250	39,312,568
1884.....	13,043,498	375,729	13,419,227	22,120,587	818,798	22,939,385
1885.....	12,755,686	767,927	13,523,613	19,105,476	594,982	19,700,458
1886.....	9,593,344	1,267,676	10,861,020	19,428,867	812,212	20,241,079
1887.....	9,377,041	2,127,680	11,504,721	20,178,365	2,009,590	22,187,955
1888.....	6,309,024	2,033,793	8,342,817	13,347,876	2,063,780	15,411,656
1889.....	8,303,171	3,032,952	11,336,123	19,299,966	2,849,263	22,149,229
1890.....	13,524,298	2,477,612	16,001,910	24,788,152	2,547,052	27,335,201
1891.....	18,065,925	1,714,545	19,780,470	25,185,706	2,697,317	27,883,023
1892.....	21,346,413	2,581,842	23,928,255	23,989,746	2,714,368	26,704,114
1893.....	13,807,662	4,077,911	17,885,573	20,151,432	2,568,679	22,720,111
1894.....	13,501,664	3,840,429	17,342,093	17,974,332	2,207,884	20,182,216
1895.....	14,068,922	5,552,940	19,621,862	18,752,226	2,970,068	21,722,294
1896.....	13,408,578	6,735,027	20,143,605	18,335,373	3,453,043	21,788,416
1897.....	17,665,422	6,928,401	24,593,823	18,430,841	,232,835	20,663,676

NOTE.—This movement forms no part of the import and export trade.

C.—TABLE showing the Tonnage of the undermentioned Articles moved on

YEARS.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Vegetable Food.*
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869.....	71,051	670,534	256,475	99,012	92,309	13,489	99,743
1870.....	54,978	658,524	193,129	123,191	117,941	19,520	127,727
1871.....	41,211	748,549	672,057	113,992	129,891	34,563	109,935
1872.....	20,534	403,903	902,753	120,061	92,959	13,357	120,753
1873.....	19,307	803,064	637,296	70,586	70,023	30,160	114,735
1874.....	29,134	772,163	519,203	98,654	59,408	8,215	280,821
1875.....	17,635	744,293	282,031	104,475	62,717	8,309	86,090
1876.....	9,290	416,376	365,254	96,494	52,147	19,949	104,783
1877.....	8,923	448,043	723,458	139,453	66,045	35,948	77,114
1878.....	5,904	844,555	734,993	89,534	85,029	64,613	88,106
1879.....	7,164	949,466	621,180	96,144	23,164	59,210	77,071
1880.....	8,266	966,052	1,156,619	106,247	20,893	26,340	86,673
1881.....	6,926	444,832	475,823	81,587	30,321	15,484	61,588
1882.....	9,372	642,215	251,687	96,650	22,180	43,372	53,300
1883.....	9,047	573,740	522,978	58,787	51,607	95,246	67,595
1884.....	7,251	790,409	198,216	65,008	52,696	71,462	51,944
1885.....	6,869	565,922	359,982	64,587	8,234	10,211	47,505
1886.....	9,005	993,129	354,765	62,854	7,278	3,073	59,782
1887.....	4,089	936,840	446,617	75,458	35,365	6,717	47,678
1888.....	3,287	491,419	499,218	41,100	70,315	12,532	49,087
1889.....	4,429	484,141	592,550	66,110	63,674	36,329	49,663
1890.....	3,489	353,738	616,702	90,754	48,438	21,657	33,123
1891.....	3,126	756,101	142,141	71,903	16,362	68,771	33,951
1892.....	4,879	620,768	150,269	51,596	72,444	4,236	33,807
1893.....	2,367	1,093,927	252,283	49,651	24,714	6,518	20,656
1894.....	2,909	903,361	275,377	89,700	100,874	5,288	22,620
1895.....	2,240	280,550	94,403	77,868	87,839	205	59,400
1896.....	7,963	408,872	100,227	109,967	197,713	77,210	55,230
1897.....	3,206	180,035	312,776	100,337	50,345	66,387	31,489

* Apples, meal all kinds, pease, potatoes.

all Canals in the State of New York, during a series of twenty-nine years.

HEAVY GOODS.						
Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1,302,613	137,677	79,652	263,333	1,324,408	183,992	1,989,062
1,295,010	135,930	89,708	266,740	1,558,185	238,802	2,289,365
1,850,198	178,269	100,310	248,709	1,194,037	289,952	2,011,277
1,674,320	161,667	96,996	248,558	1,462,590	377,592	2,347,403
1,745,171	53,363	62,581	216,706	1,625,859	415,968	2,374,477
1,767,598	24,511	82,955	173,590	1,413,162	232,544	1,926,762
1,305,550	36,603	95,305	186,785	1,217,091	283,219	1,819,003
1,064,293	11,691	69,450	114,070	1,036,698	173,530	1,405,439
1,498,984	10,341	58,828	156,918	1,286,881	250,573	1,763,541
1,912,734	8,385	65,642	139,927	889,873	210,078	1,313,905
1,833,399	27,634	99,568	136,021	971,074	314,411	1,548,708
2,371,090	93,613	139,993	144,487	959,342	370,884	1,709,319
1,116,561	78,650	205,005	113,756	1,092,003	337,873	1,827,287
1,118,776	58,921	122,786	108,040	1,228,435	364,361	1,882,543
1,379,000	46,553	47,412	190,392	1,152,849	293,892	1,731,098
1,236,986	28,513	54,471	161,788	954,288	210,610	1,400,670
1,063,310	12,215	38,726	161,272	1,025,941	195,750	1,433,904
1,489,886	10,878	152,030	112,002	857,884	269,914	1,402,708
1,552,764	21,368	224,979	124,054	905,424	243,578	1,539,403
1,166,958	2,596	43,881	106,344	1,219,680	259,269	1,631,770
1,296,896	3,278	78,135	112,100	1,094,897	234,948	1,523,358
1,167,901	5,800	26,804	93,181	830,154	202,072	1,157,291
1,092,355	1,960	36,770	81,232	881,502	215,686	1,217,150
937,999	524	40,073	93,216	832,397	136,612	1,102,822
1,450,116	536	25,204	52,094	741,934	102,275	922,043
1,400,129	267	22,614	70,353	609,368	37,641	740,243
602,505	4,263	59,402	71,334	766,723	144,076	1,045,798
957,182	1,568	74,651	83,309	682,167	89,998	931,693
744,575	5,080	71,117	66,879	646,803	76,311	866,190

D.—TABLE showing the Tonnage of the undermentioned Articles, moved through

YEAR.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. †
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	45,674	313,825	120,599	20,951	.....	904	1,937
1872.....	26,651	239,998	254,902	6,035	7,752	64	2,745
1873.....	30,665	355,847	180,169	8,225	1,194	3	3,777
1874.....	24,019	413,212	181,151	18,871	5,954	513	8,677
1875.....	13,964	253,835	103,749	35,751	3,383	917	6,337
1876.....	15,778	201,906	144,501	18,455	24,496	1,454	3,198
1877.....	13,558	253,953	169,196	19,870	2,810	2,439	2,355
1878.....	9,121	191,982	185,931	10,979	3,088	.....	2,302
1879.....	10,710	274,570	144,506	4,655	1,239	440	2,444
1880.....	12,679	242,020	163,738	17,772	477	1,016	1,480
1881.....	9,959	127,832	101,075	24,509	.....	1,844	2,086
1882.....	12,261	215,056	54,799	20,126	611	3,226	403
1883.....	13,471	152,794	182,269	10,436	731	1,642	10,983
1884.....	13,683	144,851	118,811	7,155	10,746	1,320	9,168
1885.....	13,334	124,206	117,536	15,801	1,116	.....	1,912
1886.....	19,474	154,169	219,442	1,595	4,911	564	14,657
1887.....	23,949	221,927	114,938	9,574	12,050	.....	12,533
1888.....	16,983	160,963	194,886	5,906	26,629	811	13,608
1889.....	7,931	126,664	353,595	4,272	28,356	2,673	18,552
1890.....	14,461	118,002	327,394	10,830	27,728	1,549	20,876
1891.....	13,517	198,658	185,180	8,113	52,959	65,888	28,042
1892.....	17,046	232,019	192,548	6,433	37,173	9,392	32,815
1893.....	15,235	258,392	441,092	18,599	31,283	3,671	36,981
1894.....	33,628	270,993	169,233	28,353	27,962	567	60,673
1895.....	44,044	203,088	164,894	8,689	18,236	1,007	46,463
1896.....	42,425	320,563	320,444	11,368	28,178	9,405	56,591
1897.....	9,065	324,743	390,615	14,173	25,161	8,483	44,674

* Fiscal.

† Apples, meal, all kinds, pease, potatoes.

the Welland Canal, during a period of Twenty-seven Years ended 31st Dec., 1897.

HEAVY GOODS.							
Total.	Railway Iron.	Other Iron.	Salt.	Iron and salt having paid full tolls on St. Lawrence Canals.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
503,860	68,064	16,924	91,575	37,153	103,126	58,781	275,623
538,147	26,217	17,141	50,540	44,243	186,932	98,605	423,678
579,880	6,923	20,754	40,850	17,157	339,016	118,685	543,387
647,397	6,032	12,068	23,309	9,579	323,503	56,825	431,316
417,936	1,517	7,588	13,509	9,962	321,306	43,683	397,565
409,788	51	7,997	30,300	20,327	288,211	81,654	378,540
464,181	9,630	9,696	9,173	3,983	323,869	42,758	399,109
403,403	10	11,518	3,980	12,686	295,318	15,229	338,741
438,564	2,782	5,797	7,174	17,796	192,957	19,164	245,670
442,182	5,360	4,812	413	22,273	109,986	34,139	176,983
269,395	4,585	7,013	10	30,682	128,113	18,785	189,188
306,432	.....	5,348	50	17,327	237,559	23,700	283,984
373,326	1,237	7,922	66	17,037	307,058	31,785	365,105
305,734	698	652	461	3,242	274,471	53,205	332,729
273,905	78	2,055	597	14,243	248,272	26,728	291,973
414,812	166	6,123	48	12,324	271,356	27,447	317,464
394,971	1,351	5,636	.....	6,715	145,193	13,866	172,761
419,786	93	3,220	316	13,617	223,871	16,872	257,989
542,043	47	2,479	1,254	20,269	268,305	2,435	294,789
519,291	.....	753	1,027	28,047	202,384	8,138	240,349
367,177	127	1,610	2,567	7,953	224,644	3,415	240,316
527,426	163	1,567	878	3,666	211,616	355	218,245
805,253	6	2,075	374	8,139	233,096	.....	243,690
591,409	.....	3,072	159	977	203,608	.....	207,816
486,421	185	6,245	54	2,819	158,866	1,140	169,309
788,974	1,192	6,332	82	3,264	223,445	1,158	235,473
816,914	7,206	17,012	227	590	176,226	.....	201,261

E.—Table showing the tonnage of the undermentioned Articles Cleared at Buffalo and Tonawanda, for transit through the Erie Canal, for a series of twenty-nine years.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles *	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	—	—
1869.	5,609	490,904	219,874	1,978	63,728	2,150	2,193	786,436	.....	.....
1870.	8,258	502,158	165,577	19,944	89,156	10,593	6,906	802,592	2·05	.....
1871.	5,607	570,849	579,709	19,810	106,391	27,622	5,705	1,315,693	67·59	.....
1872.		330,032	866,169	41,515	73,572	5,900	88	1,317,276	67·50	.....
1873.	6	737,167	611,675	8,636	51,615	22,441	634	1,432,174	82·10	.....
1874.		650,161	459,728	3,192	44,079	112	237	1,157,509	47·18	.....
1875.	5,859	695,315	273,006	1,156	36,609	2,242	3,372	1,017,559	29·38	.....
1876.	231	377,317	356,064	6,334	24,488	12,205	4,691	783,331	.....	0·39
1877.	1,710	398,416	709,723	26,351	52,559	27,365	4,976	1,223,100	55·52	.....
1878.	987	775,953	718,714	21,665	69,256	51,064	6,662	1,644,301	109·08	.....
1879.	1,239	892,404	602,171	7,193	14,537	40,471	7,528	1,565,543	99·07	.....
1880.	2,743	897,603	131,857	434	16,154	12,137	4,256	2,065,184	162·06	.....
1881.	1,491	386,605	458,318	86	24,751	107	7,484	878,842	11·75	.....
1882.	1,123	586,019	241,406	1,858	9,046	19,158	6,216	864,826	9·96	.....
1883.	538	535,150	517,219	6,816	47,190	79,010	6,051	1,191,974	51·06	.....
1884.	520	767,784	194,368	4,910	47,060	57,856	4,411	1,078,909	37·18	.....
1885.	323	540,533	356,737	3,317	5,610	6,405	5,427	918,352	14·36	.....
1886.	488	955,851	351,272	6,799	5,180	.....	4,001	1,253,591	72·11	.....
1887.	334	914,152	438,069	15,207	32,907	4,612	44,693	1,449,984	85·64	.....
1888.	534	469,965	494,110	6,589	68,922	10,997	1,717	1,052,834	33·87	.....
1889.	845	457,922	579,526	16,380	61,175	34,167	5,160	1,155,175	46·88	.....
1890.	195	329,531	498,641	58,563	45,202	16,903	4,362	953,397	21·23	.....
1891.	1,071	733,967	137,679	43,779	14,803	66,278	2,594	1,000,171	27·18	.....
1892.	2,485	611,177	141,506	37,570	70,363	3,997	3,472	870,570	10·69	.....
1893.	424	1,086,834	240,767	38,986	21,981	6,156	243	1,395,391	77·43	.....
1894.	327	887,908	265,947	69,707	99,898	5,191	2,123	1,331,101	69·26	.....
1895.	98	271,957	83,611	71,185	85,507	205	15	508,596	.....	35·21
1896.	6,971	402,114	89,726	101,154	194,442	77,162	5,575	877,144	11·53	.....
1897.	1,665	168,870	303,761	88,293	48,591	65,490	11,965	688,635	.....	14·98

*Apples, meals all kinds, pease, potatoes.

STATEMENT to Table E showing the shipment at Oswego, during the same period.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. *	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.....	7,361	141,360	28,585	66,794	1,113	8,569	14,033	267,815	.....	.....
1870.....	11,440	115,732	10,120	77,906	3,953	7,402	11,628	238,181	.....	11·06
1871.....	10,043	123,173	70,218	72,675	1,806	6,250	13,259	297,424	11·05	.....
1872.....	4,773	57,865	27,148	62,172	684	6,751	10,425	169,818	.....	36·59
1873.....	4,061	53,361	10,578	46,337	670	6,019	10,739	131,765	.....	50·80
1874.....	.....	108,288	46,127	77,007	1,103	7,053	3,747	243,325	.....	9·14
1875.....	1,728	32,690	3,034	75,083	3,308	4,989	5,931	126,763	.....	52·67
1876.....	967	21,890	1,324	63,336	117	5,703	6,638	99,975	.....	62·67
1877.....	855	28,955	3,308	80,306	316	6,603	6,556	126,899	.....	52·61
1878.....	1,394	24,171	1,383	50,381	.....	10,598	5,222	93,149	.....	65·21
1879.....	734	25,740	9,268	71,693	.....	16,623	3,110	127,168	.....	52·51
1880.....	951	17,466	15,656	82,743	.....	12,598	5,996	135,410	.....	49·43
1881.....	758	25,352	8,064	62,793	206	14,444	4,027	115,638	.....	56·82
1882.....	813	20,274	4,401	70,862	416	22,265	7,773	126,804	.....	52·65
1883.....	432	22,634	535	32,557	.....	14,384	1,967	72,507	.....	73·00
1884.....	404	5,932	413	48,391	.....	12,173	2,819	70,132	.....	73·43
1885.....	519	6,484	22	45,264	.....	4,613	2,945	59,847	.....	77·62
1886.....	737	9,579	154	42,261	.....	1,671	4,814	59,216	.....	77·88
1887.....	790	675	2	44,580	.....	716	1,370	48,133	.....	82·02
1888.....	384	2,206	168	6,237	.....	.....	2,196	11,191	.....	95·82
1889.....	473	8,002	8,950	40,096	16	1,405	1,003	59,945	.....	77·61
1890.....	545	10,378	10,408	26,639	8	4,635	2,356	54,969	.....	79·47
1891.....	292	4,298	1,652	27,418	.....	2,130	3,620	39,410	.....	85·28
1892.....	273	4,806	5,657	5,283	.....	199	2,340	18,558	.....	93·07
1893.....	119	2,036	3,968	8,476	.....	237	2,784	17,620	.....	93·43
1894.....	8	10,293	10,514	17,160	.....	.....	2,609	40,584	.....	84·84
1895.....	66	3,073	7,352	1,900	1,816	.....	258	14,465	.....	94·23
1896.....	.....	1,825	7,778	7,552	.....	.....	2,468	19,623	.....	93·01
1897.....	.....	6,588	5,550	7,349	498	219	245	20,449	.....	92·37

* Apples, meal all kinds, potatoes.

F.—TABLE showing the Tonnage of the undermentioned Articles cleared downward on the Welland Canal, during a series of Twenty-seven Years, ended 31st December, 1897.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles.†	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*	44,110	310,090	119,541	3,920	.....	680	1,541	479,882
1872	26,648	231,056	254,534	693	7,594	64	2,300	524,889
1873	30,660	345,720	180,042	643	1,188	3	3,557	563,813
1874	24,017	406,157	181,128	377	5,953	.....	3,301	620,933
1875	13,930	248,555	103,477	813	3,383	500	4,304	374,962
1876	15,735	194,559	144,501	1,110	24,496	1,454	2,949	384,807
1877	13,588	248,894	169,185	10,216	2,810	2,405	1,833	448,931
1878	8,854	188,106	185,931	1,217	3,088	.....	2,100	389,296
1879	10,588	271,545	114,276	803	1,196	.....	2,387	430,795
1880	12,467	240,601	162,891	.....	477	.....	1,418	417,853
1881	9,655	121,393	103,075	252	.....	6	1,371	235,752
1882	12,205	205,876	54,797	537	.....	1,954	225	275,594
1883	13,256	146,741	182,143	975	731	518	10,971	355,335
1884	13,626	135,804	118,811	270	10,746	477	9,018	288,752
1885	13,322	114,090	117,536	618	1,116	.....	1,628	248,310
1886	19,418	146,151	218,897	.....	4,891	.....	14,581	403,928
1887	23,940	210,755	114,938	1,711	12,050	.....	12,149	375,543
1888	16,973	150,833	194,886	555	26,629	811	13,358	404,045
1889	7,922	120,498	353,595	197	28,356	1,918	18,273	530,759
1890	14,461	114,924	327,394	6,519	27,728	1,121	20,836	512,983
1891	13,517	196,326	185,177	8,113	52,959	65,071	27,895	549,058
1892	17,046	229,569	192,548	6,433	37,173	9,392	32,548	524,709
1893	15,232	257,203	441,092	18,461	31,283	3,671	36,981	803,923
1894	33,628	270,514	169,233	28,353	27,962	.....	60,587	590,277
1895	43,895	202,636	164,894	8,689	18,236	.....	46,435	484,785
1896	42,159	319,388	320,444	11,368	28,178	8,970	54,031	784,538
1897	9,025	322,993	390,615	14,173	25,127	8,483	44,651	815,067

* Fiscal. † Apples, meal all kinds, pease, potatoes.

G.—TABLE showing the Tonnage of the undermentioned Articles passed through the Welland Canal in transit between Ports in the United States during a series of Twenty-seven Years, ended 31st December, 1897.

Year.	VEGETABLE FOOD.								HEAVY GOODS.					
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles.*	Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869	30,681	211,085	91,149	2,942		667	1,006	337,530	68,064	14,334	89,086	28,566	35,912	235,962
1872	10,482	124,695	89,761	1,391	7,400		608	234,337	24,040	13,239	49,843	95,741	59,401	242,264
1873	10,805	127,727	101,329	1,920	1,188	3	392	243,366	4,659	13,826	40,507	170,242	62,942	292,176
1874	8,230	229,053	125,627		5,948		5,368	374,226	5,742	8,941	22,888	203,673	19,651	260,895
1875	1,881	113,832	54,188	2,641	2,946	500	1,920	177,908	14	4,123	12,931	192,767	34,616	244,451
1876	5,187	96,247	58,138		1,905	525	403	162,405		5,531	29,395	167,110	25,808	227,844
1877	3,342	107,396	65,260	1,603	2,314	258	413	180,586	8,976	8,688	8,336	172,868	41,107	239,975
1878	1,316	65,542	60,026	859	277		341	128,361		10,713	3,892	150,583	13,535	178,723
1879	159	53,791	33,401		464		11	87,826	2,405	3,648	6,318	118,573	17,797	148,741
1880		30,611	16,122	1,551	296			48,580	4,743	3,515	371	65,945	18,380	92,954
1881		34,320	30,031	924			10	65,285	1,313	5,570		83,858	6,464	97,205
1882	107	30,227	32,433	537		684	14	64,002		4,076		158,552	14,533	177,161
1883	2,041	54,382	66,128	735	731		8,579	132,496	1,209	6,901	8	196,462	24,891	229,471
1884	1,715	40,956	53,707		9,874		8,170	114,422	698	599		210,790	15,100	227,187
1885	124	53,235	63,229	732	882		1	118,203		1,594		198,416	15,029	215,039
1886	7,591	53,258	94,048		4,790		13,201	172,888	156	5,328	1	189,964	11,364	206,813
1887	11,780	37,678	83,431	1,732	12,050		10,859	157,530	15	4,406		82,780	627	87,828
1888	8,563	39,999	102,974	2	26,510	179	11,598	189,825	63	1,601	56	173,259	2,309	177,288
1889	5,017	39,229	147,045		27,492		17,225	236,208		1,587	896	227,476	1,204	231,163
1890	9,204	31,527	180,842	6,519	27,030		20,497	275,619		504	208	162,231	1,620	164,563
1891	6,802	32,097	127,494	8,113	52,823		26,115	253,444		292	705	186,572	1,773	189,342
1892	11,018	26,950	131,222	6,433	36,935		31,992	244,550		576	2	183,895		184,473
1893	6,588	28,187	198,777	16,751	23,870	864	36,352	311,389		344		206,827		207,171
1894	17,795	53,846	10,539	28,095	27,621		60,462	198,358		297		188,521		188,818
1895	10,169	27,881	100,512	7,904	17,020		46,316	209,802	181	246		149,490		149,917
1896	16,224	34,878	175,094	11,128	16,137	490	46,456	300,407		146		207,348		207,494
1897	7,237	28,919	169,057	14,173	14,969		41,887	276,242	965	15		165,143		166,123

* Apples, meals all kinds, pease, potatoes.

CANAL STATISTICS.

H.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals and the two principal Railways, competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Twenty-seven years, ended 31st December, 1897.

Year.	Total on New York Canals.	Total on Welland Canal.	Total on New York Central and Erie Railways.	Quantity cleared at Buffalo and Tonawanda by Erie Canal.	Quantity cleared at Oswego by Canal.	Quantity charged through the Welland Canal in transit between ports, in the United States.
	Tons	Tons.	Tons.	Tons.	Tons.	Tons.
1869*	1,302,613	503,860	1,087,809	786,436	267,815	337,530
1872	1,674,320	538,147	1,870,614	1,317,276	169,818	234,337
1873	1,745,171	579,880	2,036,992	1,432,174	131,765	243,366
1874	1,767,598	647,397	2,791,517	1,557,509	243,325	374,226
1875	1,305,550	417,936	2,343,241	1,017,559	126,763	177,908
1876	1,064,293	409,788	2,875,803	783,331	99,975	162,405
1877	1,408,984	464,181	2,493,683	1,223,100	126,899	180,586
1878	1,912,734	403,403	3,695,764	1,644,301	93,149	128,361
1879	1,833,399	438,564	4,353,617	1,565,543	127,168	87,826
1880	2,371,090	442,182	4,732,385	2,065,184	135,410	48,580
1881	1,116,561	269,395	4,983,722	878,842	115,638	65,285
1882	1,118,776	306,482	3,885,577	864,826	126,804	64,002
1883	1,379,000	372,236	4,422,461	1,191,974	72,507	132,496
1884	1,236,986	305,734	3,639,805	1,078,909	70,132	114,422
1885	1,063,310	273,905	4,105,594	918,352	59,847	118,203
1886	1,489,886	414,812	3,802,262	1,353,591	59,216	172,888
1887	1,552,764	394,971	3,847,766	1,449,984	48,133	157,530
1888	1,166,958	419,786	3,197,734	1,052,834	11,191	189,825
1889	1,296,896	542,043	3,654,984	1,155,175	59,945	236,208
1890	1,167,901	519,291	4,336,199	953,397	54,969	275,619
1891	1,092,355	367,177	3,565,381	1,000,171	39,410	253,444
1892	937,999	527,426	5,913,013	870,570	18,558	244,550
1893	1,450,116	805,253	5,107,426	1,395,391	17,620	311,389
1894	1,400,129	591,409	4,281,056	1,331,101	40,584	293,148
1895	602,505	486,421	3,798,574	508,596	14,465	209,802
1896	957,182	788,974	5,183,540	877,144	19,623	300,407
1897	744,575	816,914	5,673,638	688,635	20,449	276,242

*Fiscal.

1.—STATEMENT showing the Quantity of Freight passed DOWN the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne during the season of Navigation in 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894 1895, 1896 and 1897.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sai	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	261	95,928	426	123,297	118	86,937	358	108,344	1163	414,506
1886.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
Wheat.....	38,984	30,834	2,937	70,019	142,774					
Corn.....	48,547	33,315	36,852	99,644	218,358					
Barley.....				572	572					
Oats.....	6	41	4,331	459	4,837					
Pease.....	450	158			608					
Rye.....										
Coal.....	4,007	45,018		11,647	60,672					
Miscellaneous merchandise..	2,936	6,728	23,687	281	33,622					
Shingles, woodenware, &c....	329		252	215	1,152					
Sawed lumber..... Ft. B.M.	6,915,390	15,719,631	8,953,478	18,405,961	49,994,460					
Square timber..... Cub. ft.	564,827	2,335,205		35,500	2,935,532					
Staves..... No.	221,280	697,933			919,213					
Firewood..... Cords		390			390					
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	250	86,344	372	101,745	107	94,029	163	46,152	892	328,270
1887.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	80,757	81,652	200	46,186	208,796					
Corn.....	12,341	14,775	65,981	20,582	113,679					
Barley.....			9	575	584					
Oats.....		1,376	11,098	279	12,753					
Pease.....		362			362					
Rye.....										
Coal.....	1,436	25,165		2,108	28,709					
Miscellaneous merchandise..	2,179	4,609	24,395	415	31,598					
Shingles, woodenware, &c....	1,716	1,081	26		2,823					
Sawed lumber..... Ft. B.M.	2,894,767	12,329,728	4,161,349	15,091,355	34,477,199					
Square timber..... Cub. ft.	498,770	1,285,594			1,784,364					
Staves..... No.		266,697			266,697					
Firewood..... Cords	299	466			765					
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	242	86,838	339	93,450	114	104,505	219	60,500	914	345,293
1888.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	45,481	60,379	1,353	40,779	147,992					
Corn.....	38,620	14,251	71,988	71,175	196,024					
Barley.....										
Oats.....	672		24,967	1,311	26,950					
Pease.....		54	57		111					
Rye.....			71	632	703					
Coal.....	1,603	20,064		4,208	25,897					
Miscellaneous merchandise..	2,165	3,291	22,719	3,722	31,875					
Shingles, woodenware, &c....	66	84	141	6	297					
Sawed lumber..... Ft. B.M.	5,262,700	11,977,905	4,451,360	12,539,672	34,230,637					
Square timber..... Cub. ft.	687,728	1,555,307	19,000		2,262,035					
Staves..... No.	106,972	211,436		34,600	352,408					
Firewood..... Cords	179	201			380					

I.—STATEMENT showing the Quantity of Freight passed DOWN the Welland Canal in Canadian and United States Vessels, &c.—Continued.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	239	100,324	186	73,140	245	248,837	134	52,087	804	474,388
1892.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
Wheat.....	74,578	54,764	60,364	36,898	226,604					
Corn.....	17,477	7,369	146,080	21,631	192,548					
Barley.....			3,995	2,438	6,433					
Oats.....			36,935		36,935					
Pease.....	524				524					
Rye.....	5,066		3,718	608	9,392					
Coal.....	775	13,350		1,365	15,490					
Miscellaneous merchandise..	2,139	2,786	44,117		49,042					
Shingles, woodenware, &c....	1		45	9	55					
Sawed lumber..... Ft. B.M.	6,278,253	7,504,256	10,494,692	26,832,564	51,109,765					
Square timber..... Cub. ft.	754,213	1,421,260	2,601	1,310	2,179,384					
Staves..... No.	46,800	32,838			79,638					
Firewood..... Cords										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	193	100,107	143	58,652	390	375,682	236	122,326	962	656,767
1893.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	83,447	31,185	72,671	68,628	255,931					
Corn.....	23,817	12,946	313,246	91,083	441,092					
Barley.....	1,527	183	16,189	562	18,461					
Oats.....	223		27,903	3,038	31,164					
Pease.....										
Rye.....			3,216	455	3,671					
Coal.....	638	13,580		5,849	20,067					
Miscellaneous merchandise..	6,179	286	44,976	1,647	53,088					
Shingles, woodenware, &c....		15	22		37					
Sawed lumber..... Ft. B.M.	13,750,267	2,748,941	17,359,573	41,863,852	75,722,633					
Square timber..... Cub. ft.	836,048	1,437,893	5,133		2,279,074					
Staves..... No.		18,484			18,484					
Firewood..... Cords										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	199	104,649	112	57,668	287	279,621	144	63,770	742	505,708
1894.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	98,586	54,444	79,715	37,095	268,840					
Corn.....	10,368	5,614	122,211	31,040	169,233					
Barley.....	258		28,095		28,353					
Oats.....	175	107	27,621		27,903					
Pease.....										
Rye.....										
Coal.....	1,483	1,892	61	11,109	14,545					
Miscellaneous merchandise..	16,949	664	83,198	1,977	102,788					
Shingles, woodenware, &c....	22				22					
Sawed lumber..... Ft. B.M.	8,423,295	279,330	11,719,664	31,891,456	52,313,745					
Square timber..... Cub. ft.	771,828	1,578,981			2,350,309					
Staves..... No.										
Firewood..... Cords										

I.—STATEMENT showing the Quantity of Freight passed down the Welland Canal in Canadian and United States Vessels, &c.—*Concluded.*

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	209	108,776	151	73,895	205	223,743	101	41,327	666	447,741
1895.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
Wheat.....	72,895	68,935	29,345	33,723	201,898					
Corn.....	16,854	3,724	126,943	17,369	164,890					
Barley.....	798	162	7,729	.....	8,689				
Oats.....	1,531	246	16,442	.....	18,219				
Pease.....	.....	.....	.....	.....	.....
Rye.....	.....	.....	.....	.....	.....
Coal.....	2	3,984	.....	4,426	8,412				
Miscellaneous merchandise..	37,356	2,361	67,705	1,324	108,746					
Shingles, woodenware, &c....	20	.....	863	1,079	1,962				
Sawed lumber Ft. B.M.	1,057,146	248,071	9,385,890	14,929,734	25,620,841					
Square timber..... Cub. ft.	1,027,913	2,049,368	.....	35,000	3,112,281				
Staves..... No.	.....	.....	.....	.....	.....
Firewood..... Cords	.....	.....	.....	.....	.....
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	224	122,521	181	82,543	343	337,983	163	96,506	911	639,553
1896.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	113,331	90,979	78,741	34,476	317,527					
Corn.....	9,360	3,855	218,315	88,914	320,440					
Barley.....	240	.....	11,128	.....	11,368			
Oats.....	441	1,270	24,847	1,620	28,178					
Pease.....	1,403	1,354	.....	273	3,030				
Rye.....	5,035	644	2,837	454	8,970					
Coal.....	7	11,106	1,255	629	11,997					
Miscellaneous merchandise..	29,820	1,452	82,319	4,374	117,965					
Shingles, woodenware, &c....	134	.....	22	.....	156			
Sawed lumber Ft. B.M.	2,123,213	.....	18,259,810	27,796,146	48,179,169				
Square timber..... Cub. ft.	942,923	1,649,145	.....	246,024	2,838,092				
Staves..... No.	.....	.....	.....	.....	.....
Firewood..... Cords	.....	.....	.....	55	55		
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	225	131,907	163	76,760	388	382,231	144	86,675	920	677,573
1897.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	121,762	55,724	106,064	37,891	321,441					
Corn.....	33,694	15,244	274,855	66,822	390,615					
Barley.....	.....	.....	14,173	.....	14,173		
Oats.....	223	.....	23,515	1,168	24,906				
Pease.....	1,851	.....	.....	.....	1,851		
Rye.....	2,047	919	5,517	.....	8,483				
Coal.....	3,873	3,947	368	1,615	9,803					
Miscellaneous merchandise..	15,739	3,290	70,968	4,174	94,071					
Shingles, woodenware, &c....	1,268	5	404	.....	1,677				
Sawed lumber..... Ft. B.M.	1,573,447	.....	20,284,446	20,673,202	42,531,095				
Square timber..... Cub. ft.	1,327,823	2,217,629	.....	616,093	4,161,545				
Staves..... No.	2,577,160	.....	.....	.....	2,577,160		
Firewood..... Cords	4	.....	.....	.....	4		

STATEMENT showing the Quantity of Through Freight passed UP the Welland Canal in Canadian and United States Vessels, during the Season of 1897.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	222	132,277	165	76,809	390	386,558	141	86,696	918	682,340
1897.	Tons.		Tons.		Tons.		Tons.		Tons.	
<i>Class 3.</i>										
Cement and water lime.....	765		72							837
Fish	10				55					65
Iron, pig.....	6									6
do all other.....	583				15					598
Salt.....	26									26
Steel.....	5									5
Articles not enumerated....	341		685		1,360		3			2,389
<i>Class 4.</i>										
Crockery and earthenware...	37				111					148
Manilla	1									1
Nails.....	162									162
Paint.....	25									25
Pitch and tar.....	21									21
Sugar	369				5,658					6,027
Tin	360				17					377
Merchandise not enumerated.	2,690				38,449					41,139
<i>Class 5.</i>										
Produce of wood.....	23				23					46
<i>Special Class.</i>										
Coal.....	1,277				127,101		38,042			166,420
Total.....	6,701		757		172,789		38,045			218,292

Canadian steam vessels carried	6,701	tons
do sailing do	757	do
United States steam vessels carried.....	172,789	do
do sailing do	38,045	do

WELLAND CANAL THROUGH FREIGHT RECAPITULATION.

WELLAND CANAL—WEST BOUND FREIGHT.

The total quantity of Through Freight passed up the Welland Canal in Canadian and United States vessels, during the Season of Navigation in 1897, is as follows :—

SUMMARY.	Tons.	Tons.
In Canadian steam vessels.....	6,701	
do sail do	757	
Total quantity in Canadian vessels		7,458
In United States steam vessels	172,789	
do sail do	38,045	
Total in United States Vessels		210,834
Grand total quantity of freight passed up the Welland Canal in Canadian and United States vessels.....		218,292

STATEMENT of the Quantity of Through Freight passed up and down on the Welland Canal, during the season of Navigation in 1897.

SUMMARY.	Tons.	Tons.
In Canadian steam vessels up.....	6,701	
do do down.....	214,824	
Total in Canadian steam vessels.....		221,525
In Canadian sail vessels up.....	757	
do do down	123,695	
Total in Canadian sail vessels.....		124,452
Total quantity in Canadian vessels.....		345,977
In United States steam vessels up.....	172,789	
do do down	529,684	
Total in United States steam vessels.....		702,473
In United States sail vessels up.....	38,045	
do do down.....	158,255	
Total in United States sail vessels.....		196,300
Total quantity in United States vessels.....		898,773
Total in Canadian and United States vessels.....		1,244,750
	East bound.	West bound.
In Canadian vessels.....	338,519	7,458
In United States vessels.....	687,939	210,834
Total.....	1,026,458	218,292

J.—Statement of Large Craft Lightened at the Welland Railway Elevator at Port Colborne, showing the Tonnage, Dimensions, Depth of Water, Number of Cargoes passed through the enlarged Welland Canal during the Season of Navigation in 1897.

CANADIAN STEAM VESSELS.

Table with columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions (Length, Width, Depth), Depth of Water, Original Cargo (Wheat, Corn, Barley, Rye, Oats), Lighterage over Welland Railway, Grain Cargo and Rolling Freight through the Welland Canal, Total Cargo through Canal, Depth of Water Midship through Canal, Lination, and Cost of Lighterage per bushel.

CANADIAN SAILING VESSELS.

Table with columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions, Depth of Water, Original Cargo, Lighterage over Welland Railway, Grain Cargo and Rolling Freight through the Welland Canal, Total Cargo through Canal, Depth of Water Midship through Canal, Lination, and Cost of Lighterage per bushel.

UNITED STATES STEAM VESSELS.

Table with columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions, Depth of Water, Original Cargo, Lighterage over Welland Railway, Grain Cargo and Rolling Freight through the Welland Canal, Total Cargo through Canal, Depth of Water Midship through Canal, Lination, and Cost of Lighterage per bushel.

Intentionally Left Blank

Intentionally Left Blank

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, during the Seasons of Navigation in 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896 and 1897.

Articles.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Cement and water lime													
Clay, lime and sand												12	
Iron, pig.							371						38
do all other	7	15		418						195	79	5	
Steel										1	1,766	2,020	7,564
Stone for cutting											394	542	375
Apples	513	49	33									200	
Barley								54		50	28	1,263	
Corn	44,401	116,517	24,609	66,443	195,350	139,798	52,539	53,689	278,564	600	258	959	240
Flaxseed										60,661	70,235	182,330	267,533
Flour	2,874	2,934	6,140	3,865	6,841	3,065	3,324	2,874	5,514	16,503	30,916	11,964	3,293
Meal, all kinds	16	125	87	100	148	222	67	16		4	65		
Oats					320	479							
Pease	11	608	362				390	524	9,761	175	1,654	12,373	6,847
Rye					1,284	1,120	64,978	9,119	3,669			3,020	2,078
Salt												8,323	8,435
Seeds, all kinds	42	33		12	3	2	2						216
Tobacco, raw		25					1	75				20	
Wheat	52,157	86,815	160,063	93,915	70,815	75,515	159,785	194,281	209,212	212,557	158,643	255,198	278,498
All other agricultural products, vegetable.	1		17		798	3	2						
Hides, skins, horns and hoofs										29		29	
Horses	2	1	1	2	2	3	2	20					
Lard and lard oil		22		54				2	1	1	1	1	1
Pork	30	936	418	265	1,220	221	201						
All other agricultural products, animal.	4	68	29	39	32	117				717		1	
Total, Class 3.	100,058	208,148	191,759	165,113	276,813	220,545	281,762	260,757	507,321	201,151	264,740	477,541	576,008
<i>Class 4.</i>													
Ashes	97	44	113	85	107	70	40	17	23	19	34	94	133
Crockery												5	

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, &c.—*Concluded.*

Articles.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Furniture	5	6	9	2		1	2	1		2			1
Glass, all kinds.....				3		1	1					9	53
Molasses.....		28									100	167	9
Nails.....			1										9
Oil.....	7	6	14		4	6					6	23	112
Paint		1									2		
Pitch and tar.....													
Rags.....												4	
Sugar.....			15									1	
Stone, wrought.....			12										
Turpentine.....													
Whisky, beer, and other spirits.....		8		3	20	26	105	6	1		101		46
Merchandise not enumerated.....	29	100	72	105	193	142	278	36	4	330	558	376	1,226
Total, Class 4.....	138	193	236	198	324	246	426	60	28	351	801	679	1,580
<i>Class 5.</i>													
Barrels, empty.....	128	6	88	40				1			1		
Hoops.....													257
Sawed lumber.....	19,945	18,707	7,001	5,175	6,118	3,579	3,908	1,678	667	683	1,117	657	478
Staves, pipe and barrel.....	856	332	184	139				8					4,716
do West India and pipe.....		287	131	1,623	270			200					
Timber, square, in vessels.....	639	1,330											
do in rafts.....	11,128	15,410	14,390	11,586	9,302		5,680	400				1,200	1,207
Woodenware.....	76	101	45	25		1				6			
Total, Class 5.....	32,772	36,173	21,839	18,588	15,690	3,580	9,588	2,327	667	689	1,118	1,857	6,658
<i>Special Class.</i>													
Coal.....													
Grand total.....	132,968	244,514	213,834	183,899	292,827	224,371	291,776	263,144	508,016	292,191	266,659	480,077	584,246

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canals to Lake Erie, during the Seasons of Navigation in 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896 and 1897.

10-4*****

Articles.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks.....	44	66	3	187	84	252	469			1	24	15	70
Cement and water lime.....	117	498	1,740	1,177	823	62	2,380	1,570	3,169	2,281	1,859	1,686	837
Clay, lime and sand.....		1	134	95	3	8	206	240		253			4
Fish.....		1	95	1	80	26	7	426	465	512		11	10
Gypsum.....	13												
Iron, railway.....	12,356	6,629	153	9,148	15,513	20,003	2,855	1,171	6,576	20		1,687	
do pig.....	23	10	368	573	250	20	112	74	25		56	28	6
do all other.....	290	76	1,997	297	290	584	595	387	543	114	1,831	727	559
Salt.....	1,574	5,609	4,197	3,599	4,216	7,440	4,391	2,034	995	843	932	822	25
Steel.....		1	423	3	3	1		269	426	248	528		
Stone for cutting.....	7					12		145				4	62
Flour.....						48			3				
Hay.....											124		
Meals.....				31									
Oats.....										15			
Potatoes.....			4										
Seeds, all kinds.....				24	215	100							
Agricultural products not enumerated, vegetables.....	1			35	19		52			5	26		4
Hides and skins.....											26		
Horses.....					2							1	
Lard and lard oil.....	3		3			72		16			1		
Pork.....						33							
Wool.....			4			13		13					
All other articles not enumerated.....		6	4	77		1	2			10			
Total, Class 3.....	14,428	12,897	9,125	15,247	21,498	28,675	11,071	6,345	12,202	4,335	5,432	5,080	1,698
<i>Class 4.</i>													
Ashes, pot and pearl.....	226	20				10	31	88					1
Crockery and earthenware.....	10	40	164	336	112	11	251	8	98	107	12	83	4
Dye woods, &c.....		1	4										
Furniture.....		9	1	1			1	3					2

CANAL STATISTICS.

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canals to Lake Erie, &c.—*Concluded.*

Articles.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds.....	32	39	53	77	71	23	30	152	365	175	394	612	799
Manilla.....		7	5	1					11	42	20	1	
Molasses.....		23	1	7	56			32	43	42	1,149	409	129
Nails.....	205	389	147	578	736	453	560	276	472	500	31	33	12
Oil, in barrels.....	10	82	28	22	9	11	64	2	44	8	75	49	20
Paint.....	24	36	80	59	49	24	61	15	70	8	67	60	20
Pitch and tar.....		5	1			13	22	15	26	152	67	60	20
Resin.....						1							
Soda, ash.....	164	975	1,116	1,196	766	554	377	352	68	94	84	74	249
Stone, wrought.....									14			17	25
Sugar.....	64	316	207	98	7	551	412	1,320	2,218	2,724	1,430	1,873	311
Tin.....	10	549	2,225	198	480	40	23	27	34	327	396	395	359
Turpentine.....		1	1	1	1	2							
White lead.....		3	4	2	4	19	3	6	35	2	7	10	5
Whiting.....	9		7		33	34	50	71	31	1	113	56	104
Whisky, beer, &c.....	259	174	287	228	124	350	294	220	26	53	77	51	93
Merchandise not enumerated.....	712	1,008	619	1,259	1,422	1,180	810	538	799	900	1,268	1,247	711
Total, Class 4.....	1,725	3,677	4,950	4,063	3,870	3,276	2,989	3,125	4,343	5,104	5,123	4,970	2,844
<i>Class 5.</i>													
Barrels, empty.....		227			2								
Lumber, sawn, in vessels.....													
Woodenware.....	2												
Total, Class 5.....	2	227			2								
<i>Special Class.</i>													
Coal.....													
Grand Total.....	16,155	16,801	14,075	19,310	25,370	31,951	14,060	9,470	16,545	9,439	10,555	10,050	4,542

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Season of Navigation from 1885 to 1897, inclusive.

10-43*****

Articles.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks		41				4							845
Cement and water lime		31		4			1		5	5			
Fish			2								181		965
Iron, railway ..					520	1	10	1	102		214		
do all other		45					494						
Salt		1										498	
Steel				3				1					
Stone for cutting.....													
Apples			1,709	2		6,519	8,113	6,433	16,751	28,095	7,904	11,128	14,173
Barley													
Corn	63,229	93,503	83,431	102,974	147,045	180,842	127,494	131,222	198,777	105,329	100,512	175,094	169,057
Flour.....	124	7,591	11,780	8,563	5,017	9,204	6,802	11,018	6,588	17,795	10,169	16,224	7,237
Hay, pressed.....													301
Meal, all kinds.....		13,201	10,726	11,598	17,224	20,482	26,096	31,724	36,352	60,390	46,316	46,456	41,644
Oil cake.....										29			
Oats	882	4,790	12,050	26,510	27,492	27,030	52,823	36,935	23,870	27,621	16,442	16,137	14,969
Potatoes					1	1							
Rye.....				179					864			490	
Seeds, all kinds.....		236	44	48	151	135	256	50	16		14	78	299
Wheat.....	53,235	53,258	37,678	39,999	39,229	31,527	32,097	26,950	28,187	53,846	27,881	34,878	28,919
Agricultural products, vegetable.....		2	2			14	42						
Hides and skins, &c.....		414	170	39							8	41	23
Horses		1	2		1	1	3		2	4		3	3
Lard and lard oil, &c.....		13	14	19	32	30	10		1		6	1,348	1,444
Meats, other than pork.....		1	18	14	3	15	2	29			30		
Pork.....		106	108	19	21	88	73	1	52	56	87	390	243
Sheep.....													
Wool.....		1,125	86	18	452		1,237	70	80	1,484	1,536	900	197
Total, Class 3.....	117,470	174,359	157,820	189,989	237,188	275,893	255,553	244,434	311,647	294,654	211,300	303,665	280,319
<i>Class 4.</i>													
Agricultural implements.....			9										
Crockery and earthenware.....				1	1								
Furniture.....		21	24	30	30	21	7		6		2		

CANAL STATISTICS.

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Season of Navigation from 1885 to 1897, inclusive.—*Concluded.*

Articles.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4.—Con.</i>													
Glass, all kinds		2					1						
Nails		4								57			
Oil, in barrels..		6	8				1				30	1,005	198
Paint.						3		44					
Soda, ash													
Stone, wrought.		38			2								
Sugar											59	165	31
White lead						1							
Whisky, beer and all other spirits		21	63	151	190	228	167	46	83		15		
Merchandise	2	824	469	1,453	1,679	1,822	1,865	1,331	1,693	2,976	7,656	3,990	3,591
Total, Class 4.	2	916	573	1,635	1,902	2,075	2,041	1,421	1,782	3,033	7,762	5,160	3,820
<i>Class 5.</i>													
Empty barrels									9			10	
Firewood in vessels												165	
Lumber, sawn, in vessels	44,668	43,776	29,845	28,333	55,074	38,030	45,504	54,173	68,985	62,905	41,974	75,515	68,280
Masts and spars, in vessels													403
Hoops.													
Railway ties, in vessels											446		
Shingles	111	463		6	51								
Staves, barrel				82					13				
Timber, square, in vessels											500		1,040
Woodenware, &c.		2	26	141	333	8	4	54				12	1
Total, Class 5.	44,779	44,241	29,871	28,562	55,458	38,038	45,508	54,227	69,007	62,905	42,920	75,702	69,724
<i>Special Class.</i>													
Coal	4,974	5,400	1,163	878	1,124	615	1,382	651	2,123	727	603	1,255	
Stone, not suitable for cutting					1,681	18							
Kryolite						1,620	1,773						
Total, Special Class	4,974	5,400	1,163	878	2,805	2,253	3,155	651	2,123	727	603	1,255	
Grand Total	167,225	224,916	189,427	221,064	297,353	318,259	306,257	300,733	384,559	361,319	262,585	385,782	353,863

N.—STATEMENT showing the number of Vessels which took their cargoes of Wheat through the Welland Canal from ports west of Port Colborne, the quantity transhipped at Kingston and Prescott and the quantity of each cargo through the St. Lawrence Canals to Montreal, during the Season of Navigation in 1897.

Name of Vessels.	Original quantity through the Welland Canal.	Quantity transhipped at Kingston and Prescott.	Cargo through the St. Lawrence Canals to Montreal
	Tons.	Tons.	Tons.
Canadian steamer "Arabian"	1,230	718	512
do do	1,241	706	535
do do	1,205	676	529
do "Iowa"	405	47	358
do Sail "Melrose"	1,570	894	676
do do	1,560	885	675
do do "Selkirk"	1,512	852	660
do do "Winnipeg"	1,513	883	630
do do	1,500	870	630
Total	11,736	6,531	5,205

Number of cargoes of wheat.....	9
Quantity through Welland Canal to Kingston and Prescott.....	11,736 tons.
do transhipped at Kingston and Prescott.....	6,531 do
do taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	5,205 do

N.—STATEMENT showing the number of Vessels which took their cargoes of Corn through the Welland Canal from ports west of Port Colborne; the quantity transhipped at Kingston and Prescott and the quantity of each cargo through the St. Lawrence Canals to Montreal during the Season of Navigation in 1897.

Name of Vessel.	Original quantity through the Welland Canal.	Quantity transhipped at Kingston and Prescott.	Cargo through the St. Lawrence Canals to Montreal.
	Tons.	Tons.	Tons.
Canadian steamer "Cuba"	686	306	380
do do	308	.....	308
do do	336	.....	336
do do	308	.....	308
do do	336	.....	336
do do	336	.....	336
do "Lake Michigan"	365	143	222
do do "Melbourne"	336	.....	336
do do	364	.....	364
Total	3,375	449	2,926

Number of cargoes of corn.....	9
Quantity through Welland Canal to Kingston and Prescott.....	3,375 tons.
do transhipped at Kingston and Prescott.....	449 do
do taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	2,926 do

RECAPITULATION of the number of Vessels passed down, the Welland Canal with Cargoes of Grain for Montreal, the quantity transhipped at Kingston and Prescott, and the quantity taken to Montreal for the Season of 1897.

	Number of Cargoes.	Total Number.
Wheat.....	9	
Corn.....	9	
Total.....		18
	Tons.	Tons.
Quantity of wheat through the Welland Canal bound for Montreal.....	11,736	
do corn do do.....	3,375	
Total through Welland Canal.....		15,111
Quantity of the above transhipped at Kingston and Prescott:—		
Wheat.....	6,531	
Corn.....	449	
Total transhipped.....		6,980
Quantity of the above cargoes taken to Montreal in vessels in which it arrived at Kingston and Prescott:—		
Wheat.....	5,205	
Corn.....	2,926	
Total quantity to Montreal.....		8,131
Total.....		15,111

O.—STATEMENT showing the quantity of Grain passed down the Welland Canal to Kingston and Prescott in Canadian and United States Vessels, entering the Canal at Port Colborne, during the Season of Navigation in 1897.

	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	121	91,623	59	37,072	141	131,268	56	43,114	377	303,077
	Tons.		Tons.		Tons.		Tons.		Tons.	
Barley.....										
Corn.....	33,694		15,244		113,979		47,531		210,448	
Oats.....	223				6,362		1,168		7,753	
Pease.....					1,851				1,851	
Rye.....	2,047		919		5,517				8,483	
Wheat.....	121,762		55,376		78,193		31,246		286,577	
Total.....	157,726		71,539		205,902		79,945		515,112	

121 cargoes in Canadian steam vessels, total quantity..... 157,726 tons.
 59 do do sail do do 71,539 do
 141 do United States steam vessels, total quantity..... 205,902 do
 56 do do sail do do 79,945 do

P.—STATEMENT of the total Quantity of Grain arrived at Kingston and Prescott in vessels which passed down the Welland Canal during the Season of Navigation in 1897.

Summary.	Tons.	Tons.
Canadian steam vessels—121 cargoes of grain	157,726	
do sail do 59 do	71,539	
Total in Canadian vessels ..		229,265
United States steam vessels—141 cargoes of grain	205,902	
do sail do 56 do	79,945	
Total in United States vessels		285,847
Total in Canadian and United States vessels		515,112
Distributed as follows, viz. :—		
18 cargoes arrived at Kingston and Prescott in Canadian vessels, with an aggregate quantity of	15,111	
Transhipped at Kingston and Prescott ..	6,980	
Quantity taken to Montreal in vessels in which it arrived at Kingston and Prescott.		8,131
Vessels arrived at Kingston and Prescott and discharged all their cargoes, as follows :—		
162 cargoes in Canadian vessels	214,154	
197 do United States vessels	285,847	
Aggregate quantity discharged	500,001	
Quantity transhipped to Montreal	450,270	
Total quantity transhipped from Kingston and Prescott to Montreal		457,250
do remaining at Kingston and Prescott		49,731
Total		515,112

Q.—COMPARATIVE STATEMENT of the Quantity of Grain passed down the Welland Canal to Kingston and Prescott for the Seasons of Navigation in 1896 and 1897.

	1896.		1897.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston and Prescott in Canadian vessels.....	196	227,912	180	229,265
Quantity arrived at Kingston and Prescott in United States vessels.....	158	217,978	197	285,847
Total.....	354	445,890	377	515,112
Quantity transhipped at Kingston and Prescott in Canadian Vessels for Montreal.....		378,257		457,250
Quantity taken to Montreal in vessels in which it arrived at Kingston and Prescott.....		8,982		8,131
Quantity remaining at Kingston and Prescott.....		58,651		49,731
Total.....		445,890		515,112

7 vessels took their cargoes through to Montreal intact in 1897, against 3 in 1896.
 11 vessels discharged part of their cargo in 1897, against 16 in 1896.
 359 vessels discharged all their cargoes in 1897, against 335 in 1896.

R.—STATEMENT showing the number of Vessels, their Tonnage, Number of Passengers and Tons of Freight passed down the Rapids of the St. Lawrence Canals during the Season of Navigation in 1897.

Destination.	No. of Sec.	No. of Vessels	Tonnage of Vessels.	No. of Passengers.	Class Three.	Class Four.	Class Five.	Tolls.
					Tons.	Tons.	Tons.	
Prescott to Montreal.....	4	134	63,632	8,186	81	974	2	1,504 46
do Lachine.....	3	54	31,297	3,124	1,357	770		678 66
do Valleyfield.....	2	6	3,068	99	310	87		48 44
Valleyfield to Lachine.....	1	186	21,841	2,502	1,056	212	6	155 63
Lachine to Montreal.....	1	329	64,031	17,364	782	337		544 92
Total.....		709	183,869	31,275	3,586	2,380	8	2,932 11

S.—The quantity of Coal passed through the Welland Canal during a series of years from 1885 to 1897 inclusive, and the amount of Tolls collected thereon, is as follows:—

Year.	From Canadian Ports to Canadian Ports.		From United States Ports. to United States Ports.		From United States Ports to Canadian Ports.		Total Tons.	Amount of Tolls Paid — Rate 20 cents a ton. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1885.....			193,442	4,974	10,321	31,350	240,087	48,017 40
1886.....			184,564	5,400	22,187	49,724	261,875	52,375 00
1887.....			81,617	1,163	26,775	25,968	135,523	27,104 60
1888.....			172,381	878	17,365	27,183	217,807	43,561 40
1889.....			226,352	1,124	12,036	25,931	265,443	53,188 60
1890.....	80		116,616	615	17,280	22,781	202,372	38,222 30
1891.....			185,190	1,382	17,374	20,698	224,644	44,928 20
1892.....			183,244	651	12,391	15,330	211,616	42,284 13
1893.....			204,704	2,123	8,325	17,944	233,096	46,619 20
1894.....			187,794	727	1,269	13,947	203,737	40,789 93
1895.....	4		148,887	603	1,565	7,807	158,866	31,773 05
1896.....	20	210	206,093	1,255	4,127	11,740	223,445	44,668 20
1897.....		4	165,143	.....	1,277	9,799	176,223	35,244 60

NOTE—Tolls on soft coal passed down the Welland Canal, during the season of 1890, were reduced from 20 to 10 cents a ton, per O.C. 11th May, 1890, for the season of 1890 only, the rate for 1891, 1892, 1893, 1894, 1895, 1896 and 1897 being 20 cents a ton for passage either eastward or westward.

T.—STATEMENT showing the quantity of Coal passed through the whole length of the St. Lawrence Canals during the seasons from 1885 to 1897, inclusive.

Year.	Quantity passed up Free of Tolls.	Quantity passed down to Montreal.	Total Quantity passed up and down.	Amount of tolls on Quantity passed down to Montreal.
	Tons.	Tons.	Tons.	\$ cts.
1885.....	5,035	122,829	127,864	18,424 35
1886.....	3,301	118,802	122,103	17,820 70
1887.....	7,579	121,618	129,197	18,242 70
1888.....	8,341	123,050	131,391	18,423 90
1889.....	5,360	124,290	129,650	18,604 90
1890.....	6,538	135,168	141,706	20,275 20
1891.....	7,951	141,701	149,652	21,255 15
1892.....	7,543	157,134	164,677	23,570 10
1893.....	2,285	147,139	149,424	22,070 85
1894.....	16,213	169,552	185,765	25,432 80
1895.....	.....	165,151	165,151	24,772 65
1896.....	689	161,551	162,240	24,232 65
1897.....	40	164,963	165,003	24,722 37

NOTE—Coal is allowed to pass free up the St. Lawrence Canals.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, showing the Quantity to Montreal, the Quantity to Canadian Ports between Port Dalhousie and Cornwall, and the Quantity to United States Ports, Oswego, Ogdensburg, &c., on the south side of Lake Ontario, for the years 1886 to 1897 inclusive.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1886.			
Ashes, pot and pearl.....	44	10	11
Apples.....	49		
Agricultural products, not enumerated, vegetable.....		1	1
Bricks.....			41
Cement and water lime.....			26
Coal.....		49,724	5,400
Corn.....	116,517	8,871	93,503
Flour.....	2,934		7,591
Furniture.....	6	15	21
Glass, all kinds.....			2
Horses.....	1		1
Hides and skins, &c.....			414
Iron, pig.....		617	43
do all other.....	15	12	1
Lard and lard oil.....	22	9	13
Meal, all kinds.....	125	18	13,201
Meats, other than pork.....	67	64	1
Marble.....		2	
Molasses.....	28	7	
Nails.....			4
Oats.....		41	4,790
Oil.....	6	28	6
Pease.....	608		
Pork.....	936	407	106
Paint.....	1	1	
Rags.....			13
Salt.....		29	1
Stone, for cutting.....		4,314	
do wrought.....		103	38
Seeds, all kinds.....	33	3	236
Sugar.....			3
Spirits, beer, &c.....	8	12	21
Tobacco, raw.....	25		
Tallow.....	1	2	1
Wheat.....	86,815	969	53,258
Wool.....			1,125
Merchandise, not enumerated.....	100	46	793
Barrels, empty.....	6	2	
Floats.....		20	
Lumber, sawn, in vessels.....	18,707	7,546	53,124
Masts, spars, &c.....		22	
Staves and heading, barrel.....		57	
do do pipe.....	332	339	
do do West India.....	287	444	
Shingles.....		12	463
Timber, square.....	16,740	44,335	
Woodenware.....	101	45	2
Total.....	244,514	118,127	234,254

A refund of 18 cents per ton was allowed on wheat, corn, oats, pease, barley and rye, passed down to Montreal, per O.C. 21st April, 1886.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1887.	Tons.	Tons.	Tons.
Ashes, pot and pearl	113		
Apples	33		
Agricultural products, not enumerated, vegetable.			2
Agricultural implements			9
Barley			1,709
Coal		25,968	1,163
Corn	24,609	6,898	83,431
Fish			2
Flour	6,140		11,780
Furniture	9	9	24
Horses	1	1	2
Hides, skins, &c.			170
Iron, pig		1,137	
do all other		7	
Lard, and lard oil		6	14
Meal, all kinds	87	42	10,726
Meats, other than pork	29	15	18
Nails	1		
Oats			12,050
Oil	14	190	8
Oil cake	17		
Pease	362		
Pork	418	86	108
Stone, for cutting		3,531	
do wrought	12	543	
Seeds		4	44
Sugar	15		1
Spirits		99	63
Wheat	160,063	4,940	37,678
Wool			86
All other merchandise not enumerated.	72	123	468
Barrels, empty	88		24
Lumber, sawn	7,001	1,816	44,733
Staves and headings, barrel		27	
do pipe	184		
do West India	131	838	
Timber, square	14,390	21,351	
Woodenware and wood partly manufactured	45	1	2
Total	213,834	67,632	204,315

A refund of 18 cents per ton was allowed on wheat, corn, pease, barley and rye passed down to Montreal, per O.C. 21st March, 1887.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1888.	Tons.	Tons.	Tons.
Ashes, pot and pearl	85		
Apples		45	
Barley			2
Cement and water lime			4
Coal		27,183	878
Corn	66,443	25,469	102,974
Crockery and earthenware		4	1
Flour	3,865		8,563
Furniture	2	1	30
Glass, all kinds	3	2	
Hay, pressed		20	
Horses	2		
Hides and skins			39
Iron, pig		549	
do all other		490	
Lard and lard oil	54	12	18
Meal, all kinds	109		11,598
Meats, other than pork	39	6	14
Oats			26,510
Oil		3	
Pease		54	
Pork	265	61	19
Rags			14
Rye		632	179
Stone, for cutting		6,535	
do wrought		126	
Seeds, all kinds	12	1	48
Steel			3
Sugar		2	4
Spirits	3	2	151
Tallow			1
Wheat	93,915	14,365	39,999
Wool			18
All other goods and merchandise not enumerated	105	34	1,435
Barrels, empty	40		133
Lumber, sawn	5,174	4,515	45,818
Staves and headings, barrel	15	7	
do pipe	124		
do West Indies	1,623	13	
do salt barrel	1	1	
Shingles			6
Timber, square, in vessels	11,586	33,669	
Woodenware	25		8
Total	183,899	113,801	238,467

A refund of 18 cents per ton was allowed on wheat, corn, pease, barley and rye passed down Montreal, per O.C. 20th April, 1888.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—Continued.

Articles	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1889.	Tons.	Tons.	Tons.
Ashes, pot and pearl.....	107	5	
Coal.....		25,931	1,124
Corn.....	195,350	11,200	147,045
Crockery and earthenware.....		1	1
Fish.....		5	
Flour.....	6,841		5,017
Furniture.....		4	30
Horses.....	2		1
Iron, pig.....		613	
do all other.....			520
Lard and lard oil.....		5	19
Meal, all kinds.....	148		17,224
Meats, other than pork.....	32	2	3
Molasses.....			88
Oats.....	320		27,492
Oil, in barrels.....	4	2	
Oil cake.....	798		
Potatoes.....			1
Pork.....	1,220	114	21
Rye.....	1,284	634	
Salt.....		316	
Stone, for cutting.....		6,784	
do wrought.....		11	2
do not suitable for cutting.....		375	1,681
Seeds, all kinds.....	3		151
Spirits, beer, &c.....	20	8	190
Tallow.....			13
Wheat.....	70,815	7,241	39,229
Wool.....			452
Merchandise.....	193	129	1,591
Barrels, empty.....			173
Lumber, sawn.....	6,118	4,669	71,055
Masts, spars, &c.....		220	
Railway ties.....		852	
Saw logs.....			158
Staves and headings, barrel.....		4	
do do pipe.....	202	304	
do do West India.....	68	559	
Shingles.....			51
Split posts, &c.....		17	
Timber, square.....	9,302	70,579	240
Woodenware, &c.....			2
Total.....	292,827	130,584	313,574

A refund of 18 cents per ton was allowed on wheat, corn, pease, barley and rye, passed down to Montreal, per Order in Council 18th March, 1889.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1890.	Tons.	Tons.	Tons.
Ashes.....	70		
All other products, animal.....	14		
do vegetable..	1		
Barley.....			6,519
Bricks.....			4
Coal.....		22,781	615
Corn.....	134,966	11,584	180,842
Fish.....	49		
Flour.....	3,065		9,204
Furniture..	1	1	21
Glass, all kinds.....	1		
Horses.....	3		1
Iron, all other.....			1
Kryolite.....		1,280	1,620
Lard and lard oil.....		5	30
Meal.....	222		20,482
Meats.....			15
Oats.....	479	73	27,030
Oil, in barrels.....	6		
Oil cake.....	2		
Paint.....			3
Pease.....			14
Pork.....	221	19	88
Potatoes.....			1
Rye.....	1,120	1	
Salt.....		701	
Stone, for cutting.....		5,761	
do wrought.....		639	18
Seeds, all kinds.....	2		135
Spirits, &c.....	26		228
Tallow.....	54		
Wheat.....	75,515	5,241	31,527
White lead.....			1
Merchandise.....	142	32	1,822
Barrels, empty.....			7
Firewood, in vessels.....		1,398	
Lumber, sawn, in vessels.....	3,195	3,767	47,590
do rafts.....	384		
Staves and headings, pipe.....		187	
do do West Indies.....		36	
Shingles.....			14
Square timber, in vessels.....		73,112	
do rafts.....		17,683	
Woodenware.....	1		1
Corn.....	16,033	219,539	144,301
Oats.....	400		327,833
	16,433		*16,433
Total.....	235,972	144,301	311,400

* This quantity of gram was transhipped at Ogdensburg and passed down the St. Lawrence canals to Montreal.

A refund of 18 cents Welland Canal tolls was allowed on wheat, Indian corn, pease, barley, rye (and oats for export), when shipped for Montreal or some port east of that point, per Orders in Council 26th February and 5th May, 1890.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian ports between Port Dalhousie and Cornwall.	Quantity passed down to United States ports.
1891.	Tons.	Tons.	Tons.
Ashes.....	40		
Agricultural products.....	2		42
Barley.....			8,113
Corn.....	52,539	5,144	127,494
Coal.....		20,698	1,382
Flour.....	3,324		6,802
Fish.....			1
Furniture.....	2	2	7
Glass.....	1		1
Horses.....	2	2	3
Hay.....		21	
Iron, pig.....	371	128	
do all other.....		1,036	10
Lard and lard oil.....	100	16	10
Meal, all kinds.....	67		26,096
Meats, other than pork.....		1	2
Molasses.....		20	18
Oats.....			52,823
Oil.....			1
Pease.....	390		
Pork.....	201		73
Rags.....			60
Rye.....	64,978	969	
Seeds, all kinds.....	2		256
Salt.....		1,861	494
Stone for cutting.....		6,602	
do wrought.....		7	
Tobacco.....	1		
Tallow.....		9	8
Wheat.....	159,785	692	32,097
Staves, pipe.....		8	
Whisky and all other liquors.....	105	57	167
Wool.....			1,237
Mercenandise.....	278	6	1,779
Kryolite.....		1,098	1,773
Lumber, in vessels.....	2,991	1,300	56,456
do in rafts.....	917		
Timber, square, in rafts.....	5,680	14,638	
Barrels.....			4
Corn.....	12,169	291,776	317,209
Wheat.....	5,648		
	17,817	54,315	*17,817
Total.....	309,593	54,315	299,392

* This quantity of grain was transhipped at Ogdensburg and passed down the St. Lawrence Canals to Montreal.

A refund of 18 cents a ton, Welland Canal tolls, on wheat, Indian corn, pease, barley, rye and (for export) oats, originally shipped for Montreal or some port east of Montreal, per Order in Council, 25th March, 1891.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian ports between Port Dalhousie and Cornwall.	Quantity passed down to United States ports.
1892.	Tons.	Tons.	Tons.
Ashes, pot and pearl.....	17	2	.....
Apples.....	54	.....	.....
Barley.....	.....	.....	6,433
Corn.....	53,689	7,637	131,222
Coal.....	.....	14,839	651
Flour.....	2,874	.....	11,018
Fish.....	9	.....	.....
Furniture.....	1	.....	7
Hides and skins.....	20	.....	.....
Horses.....	2	.....	.....
Iron, railway.....	.....	100	.....
do all other.....	.....	765	1
Meal, all kinds.....	16	.....	31,724
Meats, other than pork.....	94	.....	29
Oats.....	.....	.....	36,935
Oil.....	.....	7	.....
Pease.....	524	.....	.....
Potatoes.....	.....	.....	1
Pork.....	.....	.....	44
Rye.....	9,119	273	.....
Salt.....	.....	865	.....
Seeds, all kinds.....	75	.....	50
Steel.....	.....	.....	1
Stone for cutting.....	.....	1,264	.....
Sugar.....	.....	.....	20
Wheat.....	194,281	5,373	26,950
Whisky, beer, spirits, &c.....	6	15	46
Wool.....	.....	.....	70
Merchandise not enumerated.....	36	13	1,304
Barrels, empty.....	1	.....	29
Lumber, sawn, in vessels.....	1,678	150	83,403
Square timber.....	440	42,768	440
Staves and headings, pipe.....	8	80	.....
do West India.....	200	76	.....
Shingles.....	.....	.....	25
Total.....	263,144	74,227	330,403
*Wheat.....	+4,341	-4,341	.....
Total.....	267,485	69,886	330,403

*This quantity of wheat was taken from Kingston to Ogdensburg and stored in elevators, and subsequently transhipped to Montreal.

A refund of 18 cents a ton, Welland Canal tolls, was allowed on wheat, Indian corn, pease, barley, rye, oats, flax seed and buckwheat which passed down the whole length of the Welland and St. Lawrence Canals, to Montreal, or any port east of Montreal, and such products exported out of the country, and in such cases only.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1894.	Tons.	Tons.	Tons.
Ashes, pot and pearl.....	23		
Barley.....	600	1,110	16,751
Bricks.....		1,251	
Corn.....	278,564	5,752	156,776
Coal.....		17,944	2,123
Flour.....	5,514		6,588
Fish.....			5
Furniture.....			6
Horses.....	1	1	2
Iron, pig.....			100
do all other.....			2
Meal, all kinds.....		1,025	36,352
Meats, other than pork.....			1
Oats.....	9,761	1,090	20,313
Pork.....			52
Rye.....	3,669	1	1
Salt.....		286	
Seeds, all kinds.....			16
Wheat.....	209,212	17,602	29,117
Whisky, beer, &c.....	1		83
Wool.....			80
Merchandise not enumerated.....	4	2	1,693
Barrels, empty.....			9
Firewood (in rafts).....		15	
Lumber, sawn, in vessels.....	667	1,981	123,665
Shing es.....			13
Square timber.....		45,605	
Staves and headings, barrel.....		12	
do pipe.....		7	
do West India.....		53	
Total.....	508,016	93,737	393,748

There was no rebate allowed of the Welland Canal toll on grain passed down to Montreal during the season of navigation in 1893.

The tolls were, however, reduced by Order in Council of 13th February, 1893, as follows:—"For the season of 1893, the canal toll for the passage of the following food products: wheat, Indian corn, pease, barley, rye, oats, flaxseed and buckwheat, for passage eastward through the Welland Canal be ten cents per ton; and for passage eastward through the St. Lawrence Canals only, ten cents per ton, payment of the said toll of ten cents a ton for passage through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals."

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
Apples.....	50		
Ashes.....	19		
Barley.....	258		28,095
Bricks.....		552	
Coal.....		13,818	727
Corn.....	60,661	3,243	105,329
Dye woods and dye stuffs.....		4	2
Fish.....			5
Flour.....	16,503	41	16,880
Furniture.....	2	3	
Horses.....	1	2	4
Iron, pig.....	195	2,170	
do all other.....	1	183	
Meals.....	4		60,390
Nails.....			57
Oats.....	175	107	27,621
Oil cake.....	29		
do in barrels.....		27	
Pork.....	717		56
Salt.....		133	
Spirits, beer, &c.....		3	
Sugar.....			52
Wheat.....	212,557	13,349	42,934
White lead.....	16		
Wool.....			1,484
Merchandise not enumerated.....	314		2,889
Barrels, empty.....		16	
Sawn lumber, in vessels.....	683		86,545
Square timber do.....		47,030	
Woodenware.....	6		
Total.....	292,191	80,681	373,070

There was no rebate allowed of the Welland Canal toll on grain passed down to Montreal during the season of navigation in 1894.

The tolls were, however, reduced by Order in Council of 16th April, 1894, as follows:—For the season of 1894, the canal tolls for the passage of the following food products: wheat, Indian corn, pease, barley, rye, oats, flaxseed and buckwheat, for passage eastward through the Welland Canal be ten cents per ton; and for passage eastward through the St. Lawrence Canals only, ten cents per ton, payment of the said toll of ten cents a ton for passage through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals.”

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States. Ports.
1895.	Tons.	Tons.	Tons.
Apples.....	28		
Ashes.....	34	15	
Barley.....	959		7,730
Bricks.....		651	
Coal.....		7,809	603
Corn.....	70,235	2,912	91,743
Flour.....	30,916	1,824	10,265
Furniture.....		12	2
Glass.....		1	
Horses.....	1	1	
Hides, skins, &c.....			8
Iron, railway.....			181
do pig.....	79	1,994	
do all other.....	1,766	1,408	214
Lard and lard oil.....			6
Meal all kinds.....	65		46,316
Meats other than pork.....			30
Molasses.....	100		
Oats.....	1,654	123	16,442
Oil, in barrels.....	6	41	30
Pork.....			87
Paint.....	2		
Salt.....		36	
Stone for cutting.....		430	
Seeds, all kinds.....			14
Steel.....	394		462
Sugar.....			59
Spirits, beer, &c.....	101	84	15
Tobacco.....		16	
Wheat.....	*158,643	29,061	17,908
Wool.....			1,536
Merchandise not enumerated.....	558	1,302	7,656
Barrels, empty.....	1		
Sawn lumber in vessels.....	1,117	492	43,286
Railway ties do.....			1,942
Shingles.....		19	
Square timber in vessels.....		63,715	500
Total.....	266,659	111,946	247,035

*Of this amount 3,469 tons came down to Kingston in 1894—was stored there and taken to Montreal in 1895 and 245 tons came down to Ogdensburg in 1894, stored there and transhipped to Montreal in 1895.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1896.	Tons.	Tons.	Tons.
All other (vegetable).....	29		
Apples.....	†1,263		
Ashes.....	94		
Barley.....	240		11,128
Cement and water lime.....	12		
Coal.....		11,742	1,255
Corn.....	182,330	19,688	118,426
Crockery.....	5		
Fish.....		2	
Flour.....	11,964	13,846	16,224
Furniture.....		3	
Glass.....	9	3	
Hay, pressed.....		563	
Hides, skins, &c.....			41
Horses.....	1	1	3
Iron, railway.....		1,192	
do pig.....	5	1,559	
do all other.....	2,020	1,725	
Lard and lard oil.....			1,348
Meal, all kinds.....		500	46,456
Molasses.....	167		
Oats.....	12,373	1,454	14,351
Oil, in barrels.....	23		1,005
Pease.....	3,020	10	
Pork.....	1		390
Rags.....	4		
Rye.....	8,323	647	
Salt.....		80	
Seeds, all kinds.....	20		78
Steel.....	542	11,317	498
Sugar.....	1		165
Tobacco.....		1	
Wheat.....	254,763	51,587	16,467
Wool.....		8	900
Merchandise, not enumerated.....	376	54	3,990
Barrels, empty.....			10
Firewood in vessels.....			165
Sawn lumber do.....	657	1,286	78,397
Shingles.....		94	40
Square timber in vessels.....		55,588	
do rafts.....	1,200		
Woodenware.....			12
Total.....	479,442	172,950	311,349

†523 tons of this quantity of apples paid full tolls by sections on the Welland Canal, and consequently does not appear on the Welland Through Statement.

*Of this amount 5,290 tons came down to Kingston in 1895, was stored there, and transhipped to Montreal in 1896.

U.—COMPARATIVE STATEMENT of the Quantities of Freight passed down the Welland Canal—*Concluded.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1897.	Tons.	Tons.	Tons.
Agricultural products, vegetable.....			32
Ashes.....	133		
Barley.....			14,173
Bricks.....		739	845
Clay, lime and sand.....	38	430	
Coal.....		9,803	
Corn.....	*264,396	11,103	115,689
Flax seed.....	3,293	169	
Flour.....	1,029	211	7,237
Furniture.....	1	5	
Glass.....	53	9	
Hay, pressed.....			301
Horses.....	1	1	3
Hides and skins, &c.....			23
Iron, railway.....		6,241	965
" pig.....		2,828	
" all other.....	7,564	6,143	
Lard and lard oil.....			1,444
Meal, all kinds.....		699	41,644
Molasses.....	9		
Oats.....	*6,847	3,046	15,233
Oil, in barrels.....	112	51	198
Pease.....	*2,078	3	
Pork.....			243
Rye.....	8,435	48	
Salt.....	216		
Stone for cutting.....		330	
Seeds, all kinds.....			299
Steel.....	375	4,680	
Sugar.....			31
Spirits, beer, &c.....	46		
Tobacco.....	51		
Wheat.....	*278,498	†39,057	12,661
Wool.....			197
Merchandise, not enumerated.....	1,214	347	3,591
Firewood, in vessels.....		12	
Hoops.....	257	8	
Lumber sawn, in vessels.....	478	1,158	69,710
Masts.....			403
" " rafts.....		5	
Railways ties, in vessels.....		999	
Split posts.....		4	
Timber, square.....	1,207	81,117	1,040
Staves and headings, salt barrel.....	4,716		
Woodenware.....			1
Total.....	581,047	169,246	285,963

* Of this quantity of corn 573 tons came down to Ogdensburg and Prescott in 1896, were stored there and transhipped to Montreal in 1897.

* Of this quantity of oats, 50 tons came down to Prescott in 1896 and passed down to Montreal in 1897 and 170 tons passed through on St. Catharines Reports; 136 tons of which passed down to Montreal.

* Of this quantity of pease 230 tons were transhipped and passed through on St. Catharines Reports.

* Of this quantity of wheat 624 tons were transhipped and passed through on St. Catharine Reports, and 7,072 tons came down to Kingston and Prescott in 1896, and passed down to Montreal in 1897.

† Of this quantity, 1,079 tons were transhipped and passed through on St. Catharines Reports.

U.—STATEMENT showing the quantity of Freight passed down the Welland Canal to Canadian Ports, &c.—Continued.

RECAPITULATION.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1886.	Tons.	Tons.	Tons.
Barley			
Corn	116,517	8,871	93,503
Oats		41	4,790
Pease	608		
Rye			
Wheat	86,815	969	53,258
Total grain	203,940	9,881	151,551
Other articles	40,574	108,246	82,703
Total	244,514	118,127	234,254
1887.			
Barley			1,709
Corn	24,609	6,898	83,431
* Oats			12,050
Pease	362		
Rye			
Wheat	160,063	4,940	37,678
Total grain	185,034	11,838	134,868
Other articles	28,800	55,794	69,447
Total	213,834	67,632	204,315
1888.			
Barley			2
Corn	66,443	25,469	102,974
† Oats			26,510
Pease		54	
Rye		632	179
Wheat	93,915	14,365	39,999
Total grain	160,358	‡ 40,520	169,664
Other articles	23,541	73,281	68,803
Total	183,899	113,801	238,467
1889.			
Barley			
Corn	195,350	11,200	147,945
† Oats	320		27,492
Pease			
Rye	1,284	634	
Wheat	70,815	7,241	39,229
Total grain	267,769	19,075	213,766
Other articles	25,158	111,509	99,808
Total	292,927	130,584	313,574

* There was no rebate on oats for 1887.

† There was no rebate on oats for 1888, or 1889.

‡ Owing to a break in the Cornwall Canal 14,921 tons of the above quantity of grain were transhipped to Montreal *via* Canadian Pacific and Grand Trunk Railways, and the refund of 18 cents per ton allowed.

U.—STATEMENT showing the quantity of Freight passed down the Welland Canal to Canadian Ports, &c.—*Continued.*

RECAPITULATION—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
	Tons.	Tons.	Tons.
1890.			
Barley.....	.....	.....	6,519
Corn.....	150,999	11,584	180,842
Oats.....	879	73	27,030
Pease.....	.....	.....	14
Rye.....	1,120	1	.....
Wheat.....	75,515	5,241	31,527
Total grain.....	228,513	16,899	†245,932
Other articles.....	7,459	127,502	81,901
Total.....	235,972	144,301	327,833
1891.			
Barley.....	.....	.....	8,113
Corn.....	52,539	5,144	127,494
Oats.....	.....	.....	52,823
Pease.....	390	.....	.....
Rye.....	64,978	969	.....
Wheat.....	159,785	692	32,097
Total grain.....	277,692	6,805	220,527
Transhipped at Ogdensburg to Montreal.....	+17,817	.....	-17,817
Total.....	295,509	.....	202,710
Other articles.....	14,084	47,510	96,682
Grand total.....	309,593	54,315	299,392
1892.			
Barley.....	.....	.....	6,433
Corn.....	53,689	7,637	131,222
Oats.....	.....	.....	36,935
Pease.....	524	.....	.....
Rye.....	9,119	273	.....
Wheat.....	194,281	5,373	26,950
Total grain.....	257,613	13,283	201,540
Quantity taken to Ogdensburg and transhipped to Montreal.....	‡ 4,341	4,341	.....
Total.....	261,954	8,942	201,540
Other articles.....	5,531	60,944	128,863
Total.....	267,485	69,886	330,403
1893.			
Barley.....	£00	1,110	16,751
Corn.....	278,564	5,752	156,776
Oats.....	9,761	1,090	20,313
Pease.....	.....	.....	.....
Rye.....	3,669	1	1
Wheat.....	209,212	17,602	29,117
Total grain.....	501,806	25,555	222,958
Other articles.....	6,210	68,182	170,790
Total.....	508,016	93,737	393,748

† Of this quantity of grain, 16,433 tons were transhipped at Ogdensburg to Montreal.

‡ This quantity of wheat was taken from Kingston to Ogdensburg, stored in elevators and subsequently transhipped to Montreal.

U.—STATEMENT showing the Quantity of Freight passed down the Welland Canal to Canadian Ports, &c.—*Concluded.*

RECAPITULATION—*Concluded.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1894.	Tons.	Tons.	Tons.
Barley	258		28,095
Corn.....	60,661	3,243	105,329
Oats.....	175	107	27,621
Pease			
Rye			
Wheat	212,557	13,349	42,934
Total grain	273,651	16,699	203,979
Other articles.....	18,540	63,982	169,091
Total	292,191	80,681	373,070
1895.			
Barley.....	959		7,730
Corn.....	70,265	2,912	91,743
Oats.....	1,654	123	16,442
Rye.....			
Wheat	*158,643	29,061	17,908
Total grain	231,491	32,096	133,823
Other articles	35,168	79,850	113,212
Total	266,659	111,946	247,035
1896.			
Barley.....	240		11,128
Corn.....	182,330	19,688	118,426
Oats.....	12,373	1,454	14,351
Pease	3,020	10	
Rye.....	8,323	647	
Wheat	254,763	51,587	16,467
Total grain.....	†461,049	73,386	160,372
Other articles	18,393	99,564	150,977
Total.....	479,442	172,950	311,349
1897.			
Barley.....			14,173
Corn.....	264,396	11,103	115,689
Oats.....	6,847	3,046	15,233
Pease	2,078	3	
Rye.....	8,435	48	
Wheat	278,498	39,057	12,661
Total grain	‡560,254	53,257	157,756
Other articles	20,793	115,989	128,207
Total	581,047	169,246	285,963

*Of this amount, 3,469 tons came down to Kingston, in 1894 was stored there, and taken to Montreal in 1895, and 245 tons came down to Ogdensburg in 1894, was stored there and transhipped to Montreal in 1895.

†Of this amount, 5,290 tons came down to Kingston in 1895, was stored there, and transhipped to Montreal in 1896.

‡Of this quantity, 7,695 tons came down in 1896, and were transhipped to Montreal in 1897.

CANAL
COMPARATIVE STATEMENT for years

	January.	February	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1896.....	10 00			6,793 42	31,815 72
do 1897.....			11 98	9,217 52	20,735 71
Increase.....			11 98	2,424 10	
Decrease.....	10 00				11,080 01
St. Lawrence Canals, 1896.....	45 00			673 41	12,404 26
do 1897.....		150 00		374 61	11,955 97
Increase.....		150 00			
Decrease.....	45 00			298 80	448 29
Chambly Canal, 1896.....				3 71	3,867 66
do 1897.....				18 07	3,995 00
Increase.....				14 36	127 34
Decrease.....					
Ottawa Canals, 1896.....				214 53	5,594 19
do 1897.....				1,107 28	5,661 67
Increase.....				892 75	67 48
Decrease.....					
Rideau Canal, 1896.....					972 34
do 1897.....					580 11
Increase.....					
Decrease.....					392 23
St. Peter's Canal, 1896.....	6 72		1 24	111 15	346 90
do 1897.....	78		17 18	30 44	215 57
Increase.....			15 94		
Decrease.....	5 94			80 71	131 33
Trent Valley Canals, 1896.....				37 39	129 87
do 1897.....			25	38 22	76 69
Increase.....			25	83	
Decrease.....					53 18
Murray Canal, 1896.....				10 76	65 33
do 1897.....				1 79	71 81
Increase.....					6 48
Decrease.....				8 97	
Sault Ste. Marie Canal, 1896.....					
do 1897.....					
Increase.....					
Decrease.....					
Total increase.....		150 00	28 17	2,943 56	
Total decrease.....	60 94				11,903 74

REVENUE.

ended 31st December, 1896 and 1897.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
21,976 30	23,219 71	32,789 47	27,803 99	28,309 10	19,903 30	2,462 32	195,083 33
20,598 37	27,907 44	26,773 32	31,104 78	26,720 52	21,125 73	4,455 86	188,651 23
.....	4,687 73	.....	3,300 79	.....	1,222 43	1,993 54	.....
1,377 93	.....	6,016 15	.....	1,588 58	.....	.....	6,432 10
12,872 88	13,722 58	13,047 00	12,831 32	14,238 48	8,976 73	53 86	88,865 52
12,749 37	13,302 41	13,392 10	13,235 20	12,764 42	11,575 80	188 50	89,688 38
.....	.....	345 10	403 88	.....	2,599 07	134 64	822 86
123 51	420 17	.....	.....	1,474 06	.....	.....	.....
4,107 45	4,446 08	3,555 09	2,633 83	3,561 17	1,980 50	0 25	24,155 74
4,179 83	4,035 68	3,358 46	3,174 93	2,606 66	1,939 90	.....	23,308 53
72 38	.....	.....	541 10	.....	.....	.....	.....
.....	410 40	196 63	.....	954 51	40 60	0 25	847 21
5,912 36	5,541 65	4,333 95	3,834 09	3,246 53	1,837 26	.....	30,514 56
7,846 53	5,959 58	4,566 18	3,688 72	2,607 22	2,603 10	.....	34,040 28
1,934 17	417 93	232 23	.....	.....	765 84	.....	3,525 72
.....	.....	.....	145 37	639 31	.....	.....	.....
1,099 69	992 46	832 86	557 24	410 84	297 53	.....	5,162 96
868 14	1,308 82	1,408 85	1,020 23	891 21	247 41	0 32	6,325 09
.....	316 36	575 99	462 99	480 37	.....	0 32	1,162 13
231 55	.....	.....	.....	.....	50 12	.....	.....
358 26	378 64	417 59	416 76	428 96	336 26	1,908 88	4,711 36
391 63	422 98	361 49	468 54	423 10	335 21	189 78	2,856 70
33 37	44 34	.....	51 78	.....	.....	.....	.....
.....	.....	56 10	.....	5 86	1 05	1,719 10	1,854 66
159 46	182 08	181 98	117 92	87 35	56 47	.....	952 52
160 67	285 30	238 98	189 33	175 61	68 60	.....	1,233 65
1 21	103 22	57 00	71 41	88 26	12 13	.....	281 13
.....
80 06	101 62	133 13	87 76	57 97	67 66	0 75	605 04
73 30	115 15	148 52	93 79	79 97	70 68	.....	655 01
.....	13 53	15 39	6 03	22 00	3 02	.....	49 97
6 76	.....	.....	.....	.....	.....	0 75	.....
.....	10 00	.....	.....	.....	.....	.....	10 00
.....
.....	10 00	.....	.....	.....	.....	.....	10 00
301 38	4,742 54	.....	4,692 61	.....	4,510 72	408 40	.....
.....	.....	5,043 17	.....	4,071 69	.....	.....	3,302 16

Total for year 1896..... 350,061 03

Total for year 1897..... 346,758 87

RICHARD DEVLIN, *Compiler of Canal Statistics*

COMPARATIVE STATEMENT showing the quantity of Vegetable Food and Lumber passed through the Canals during the years ended 31st December, 1896 and 1897.

	VEGETABLE FOOD.								LUMBER.	TOTAL.
	FLOUR.	WHEAT.	CORN.	BARLEY.	OATS.	RYE.	BUCK-WHEAT.	ALL OTHERS.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Welland Canal, 1896.....	42,425	320,563	320,444	11,368	28,178	9,409	.....	56,591	83,995	872,973
do 1897.....	9,065	324,743	390,615	14,173	25,161	8,483	.....	44,674	72,270	889,184
Increase.....	.....	4,180	70,171	2,805	.....	.....	.....	.....	.....	16,211
Decrease.....	33,360	.....	.....	.....	3,017	926	.....	11,917	11,725	.....
St. Lawrence Canals, 1896.....	15,605	267,845	200,971	3,925	31,535	9,795	4,118	51,197	41,644	626,635
do 1897.....	3,951	322,937	272,541	4,800	58,169	22,832	6,537	43,365	32,796	767,928
Increase.....	.....	55,092	71,570	875	26,634	13,037	2,419	.....	.....	141,293
Decrease.....	11,654	.....	.....	.....	.....	.....	.....	7,832	8,848	.....
Chambly Canal, 1896.....	571	.....	.....	59	1,621	.....	.....	1,682	76,411	80,344
do 1897.....	552	.....	.....	.....	2,666	.....	.....	313	53,838	57,369
Increase.....	.....	.....	.....	.....	1,045	.....	.....	.....	.....	.....
Decrease.....	19	.....	.....	59	.....	.....	.....	1,369	22,573	22,975
Ottawa Canals, 1896.....	10	275	.....	36	630	2	3	384	362,170	363,510
do 1897.....	7	.....	.....	5	1,623	8	189	417	399,583	401,832
Increase.....	.....	.....	.....	.....	993	6	186	33	37,413	38,322
Decrease.....	3	275	.....	31	.....	.....	.....	.....	.....	.....
Rideau Canal, 1896.....	396	1,550	6	.....	20	4	101	266	28,700	31,013
do 1897.....	518	625	155	6	448	5	153	150	32,029	34,089
Increase.....	122	.....	149	6	428	1	52	.....	3,329	3,046
Decrease.....	.....	925	.....	.....	.....	.....	.....	116	.....	.....

APPENDIX A.

No. (A) 1.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, and the Amount of Revenue collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, up.	Amount of Tolls, Down.	Total Amount of Tolls.						
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.										
												\$	cts.	\$	cts.	\$	cts.			
Ashes, pot and pearl		36						97		133	133		26	60		26	60			
Apples	15	227							15	227	242	2	25		5	68	7	93		
Agricultural products not enumerated, vegetables	22		2					32	24	32	56	3	08		6	40		9	48	
Agricultural products not enumerated, animal																				
Agricultural implements	1								1		1		15						0	15
Barley						14,173				14,173	14,173		1,417	30		1,417	30		1,417	30
Bricks	63	4				845		739	63	1,588	1,651	4	87		317	33		322	20	
Bones																				
Brimstone																				
Buckwheat																				
Cement and water lime	31	384							31	384	415	1	71		38	40		40	11	
Clay, lime and sand								718		718	718		99	85		99	85		99	85
Coal	3	4			165,143		1,277	9,799	166,423	9,803	176,226	33,284	08		1,960	60		35,244	68	
Corn		224				169,057		221,334		390,615	390,615		39,061	50		39,061	50		39,061	50
Cattle		4								4	4		10						0	10
Cotton (raw)																				
Crockery and earthenware	17		16		111				144		144	21	60						21	60
Dye wood and dye stuffs																				
Fish					55				55		55	8	25						8	25
Flax and hemp					1,041				1,041		1,041	156	15						156	15
Flour	40	548				7,237		1,240	40	9,025	9,065	75			1,709	15		1,709	90	
Furniture	1		9					6	10	6	16	1	60		1	20			2	80
Gypsum																				
Glass (all kinds)	45	60	1		1			2	47	62	109	7	05		12	40			19	45
Hay (pressed)						301				301	301		60	20		60	20		60	20
Hogs																				
Horses	19	16			5	3		2	24	21	45	1	39		1	47			2	86

DEPARTMENT OF RAILWAYS AND CANALS.

Hides and skins, horns and hoofs.....					13	23		13	23	36	1 95	4 60	6 55
Ice.....													
Iron, railway.....						965	6,241		7,206	7,206		1,441 20	1,441 20
do pig.....	24						2,828	24	2,828	2,852	45	565 60	566 05
do all other.....	421	17			15		13,707	436	13,724	14,160	13 32	2,741 72	2,755 04
Iron ore.....													
Kryolite chemical ore and other ore, except iron.....													
Lard and lard oil.....						1,444			1,444	1,444		288 80	288 80
Meal, all kinds.....						41,644	699		42,343	42,343		8,468 60	8,468 60
Meats, other than pork.....	3							3		3	45		0 45
Marble.....													
Manilla.....	1							1		1	15		0 15
Molasses.....	5				78		9	83	9	92	12 45	1 80	14 25
Nails.....	42		4					46		46	5 20		5 20
Oats.....	34	345				14,969	9,813	34	25,127	25,161	1 70	2,519 07	2,520 77
Oil (in barrels).....	46				55	198	163	101	361	462	15 15	72 20	87 35
Oil cake.....													
Pease.....		230					1,851	1	2,081	2,082	15	208 10	208 25
Potatoes.....	7		1					7		7	53		0 53
Pork.....	2					243		2	243	245	30	48 60	48 90
Paint.....	9							9		9	83		0 83
Pitch and tar.....	1							1		1	15		0 15
Rags.....													
Rye.....		364											
Flax seed.....	2	17					8,119		8,483	8,483		848 30	848 30
Rosin.....							3,445	2	3,462	3,464	30	346 20	346 50
Salt.....	11	72											
Stone intended for cutting.....							144	11	216	227	80	43 20	44 00
do wrought.....							330		330	330		66 00	66 00
do not suitable for cut- ting, unwrought.....	233	150											
Seeds, all kinds.....	6							233	150	383	14 55	7 50	22 05
Sheep.....					17	299		23	299	322	3 45	59 80	63 25
Soda ash.....													
Steel.....	5						5,055	5	5,055	5,060	0 75	1,011 00	1,011 75
Sugar.....	94		10		5,658	31		5,762	31	5,793	858 27	6 20	864 47
Spirits, beer, &c.....	60	26	4		38		20	102	46	148	15 30	9 20	24 50
Tobacco (raw).....							51		51	51		10 20	10 20
Tallow.....	1				284			285		285	42 75		42 75
Tin.....	1				17			18		18	2 70		2 70
Turpentine.....													
Wheat.....	1,065	143,243	685	348		28,919	150,483	1,750	322,993	324,743	167 19	32,282 20	32,449 39
White lead.....													
Whiting.....													
Wool.....						197			197	197		39 40	39 40
All other goods and mer- chandise not enumerated.....	2,104	2,234	70	235	38,277	3,591	711	40,451	6,771	47,222	5,858 67	1,079 06	6,937 73
Bark.....													

No. (A) 1.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Barrels, empty.....	21								21		21	3 98		3 98
Boat knees.....														
Floats.....														
Firewood, in vessels.....	174	13,293	1,155	405					1,329	13,698	15,027	19 24	588 17	607 41
do in rafts.....														
Hoops.....		144						121		265	265		66 25	66 25
Hoop poles.....														
Lumber, sawn, in vessels.....		1,206		1,430		68,280		1,354		72,270	72,270		12,940 30	12,940 30
do in rafts.....														
Masts, spars and telegraph poles, in vessels.....						403				403	403		60 45	60 45
Masts, spars and telegraph poles, in rafts.....		14								14	14		2 58	2 58
Railway ties, in vessels.....		999								999	999		159 61	159 61
do in rafts.....	47								47		47	1 32		1 32
Saw logs.....	739	1,518	175	2,100					914	3,618	4,532	34 94	128 21	163 15
Staves and headings, barrel do pipe.....		1,845						3,046		4,891	4,891		226 26	226 26
do do West India.....														
Staves, salt barrel.....														
Shingles.....														
Split posts and fence rails, in vessels.....		4								4	4		1 60	1 60
Split posts and fence rails, in rafts.....														
Timber, square, in vessels.....		8,252				1,040		74,073		83,365	83,365		12,497 99	12,497 99
do in rafts.....														
Traverses.....														
Woodenware and wood partly manufactured.....	2				23	1			25	1	26	10 00	40	10 40
Total freight paying tolls	5,417	175,480	2,132	4,518	210,831	353,863	1,277	516,232	219,657	1,050,093	1,269,750	40,579 92	123,558 55	164,138 47

<i>Articles having paid full Tolls on the St. Lawrence Canals, free:—</i>											
Agricultural products vegetable.....	4								4		4
Ashes.....			1						1		1
Bricks.....	3		67						70		70
Cement and water lime.....	395		442						837		837
Clay, lime and sand.....			4						4		4
Crockery and earthenware.....	4								4		4
Fish.....			10						10		10
Furniture.....			2						2		2
Glass, all kinds.....	17		782						799		799
Iron, Pig.....			6						6		6
do all other.....	48		511						559		559
Nails.....	2		127						129		129
Oils.....	3		9						12		12
Paint.....	5		15						20		20
Pitch and tar.....	19		1						20		20
Salt.....			25						25		25
Seeds, all kinds.....	3		118						121		121
Soda, ash.....	56		193						249		249
Stone, for cutting.....			62						62		62
do wrought.....	25								25		25
Sugar.....	115		196						311		311
Tin.....	3		356						359		359
Whisky, &c.....	4		89						93		93
White lead.....			5						5		5
Whiting.....	80		24						104		104
Merchandise.....	275		436						711		711
Grand total freight.....	6,478	175,480	5,613	4,518	210,831	353,863	1,277	516,232	224,199	1,050,093	1,274,292

Total tolls on vessels.....	11,839 81	12,053 09	23,892 90
do passengers.....	191 00	209 80	400 80
do free goods.....	\$681.30		
Total tolls.....	52,610 73	135,821 44	188,432 17
Fines.....			157 00
*Damages.....			62 06
Harbour Dues.....			
Total revenue, exclusive of hydraulic rents....	52,610 73	135,821 44	188,651 23

*Amount of damages not included in above, \$16,602.10.

APPENDIX A.—Continued.

No. A (2).—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal and the Amount of Tolls collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.					
												\$	cts.	\$	cts.
Ashes, pot and pearl.....		36						97		133	133		26 60		26 60
Apples.....	15								15		15	2 25			2 25
Agricultural products not enumerated, vegetables..	18		2					32	20	32	52	3 00	6 40		9 40
Agricultural products not enumerated, animal.....															
Agricultural implements..	1								1		1	0 15			0 15
Barley.....					14,173					14,173	14,173		1,417 30		1,417 30
Bricks.....	28				845		739		28	1,584	1,612	4 20	316 80		321 00
Bones.....															
Brimstone.....															
Buckwheat.....															
Cement and water lime...															
Clay, lime and sand.....							468			468	468		93 60		93 60
Coal.....		4			165,143		1,277	9,799	166,420	9,803	176,223	33,284 00	1,960 60		35,244 60
Corn.....		224				169,057		221,334		390,615	390,615		39,061 50		39,061 50
Cattle.....															
Cotton (raw).....															
Crockery and earthenware.	17		16		111				144		144	21 60			21 60
Dye wood and dye stuffs..															
Fish.....					55				55		55	8 25			8 25
Flax and hemp.....					1,041				1,041		1,041	156 15			156 15
Flour.....						7,237		1,240		8,477	8,477		1,695 40		1,659 40
Furniture.....			9				6	9	6	15	15	1 35	1 20		2 55
Gypsum.....															
Glass (all kinds).....	45	60	1		1			2	47	62	109	7 05	12 40		19 45
Hay (pressed).....						301				301	301		60 20		60 20
Hogs.....															
Horses.....	2				5	3		2	7	5	12	1 05	1 00		2 05

No. (A) 2.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Barrels, empty.....	21								21		21	\$ 3 98		\$ 3 98
Boat knees.....														
Floats.....														
Firewood, in vessels.....		12								12	12		0 80	0 80
do rafts.....														
Hoops.....	144						121			265	265		66 25	66 25
Hop poles.....														
Lumber, sawn, in vessels.....	282		1,430		68,280		1,354			71,346	71,346		12,836 42	12,836 42
do do rafts.....														
Masts, spars and telegraph poles, in vessels.....					403					403	403		60 45	60 45
Masts, spars and telegraph poles, in rafts.....		5								5	5		1 00	1 00
Railway ties, in vessels.....		999								999	999		159 61	159 61
do rafts.....														
Saw logs.....														
Staves and headings, barrel do do pipe.....														
do do West India.....														
Staves, salt barrel.....		1,670					3,046			4,716	4,716		223 46	223 46
Shingles.....														
Split posts and fence rails, in vessels.....		4								4	4		1 60	1 60
Split posts and fence rails, in rafts.....														
Timber, square, in vessels.....		8,251			1,040		74,073			83,364	83,364		12,497 74	12,497 74
do do rafts.....														
Traverses.....														
Woodenware and wood partly manufactured.....	2				23	1			25	1	26	10 60	40	10 40
Total through freight paying tolls.....	840	154,835	802	1,778	210,831	353,863	1,277	515,982	213,750	1,026,458	1,240,208	40,390 58	122,423 23	162,813 81

Articles having paid full
tolls on the St. Lawrence
Canals, free:—

Agricultural products, vegetable	4								4		4
Ashes ..		1							1		1
Bricks ..	3	67							70		70
Cement and water lime	395	442							837		837
Clay, lime and sand		4							4		4
Crockery and earthenware ..	4								4		4
Fish ..		10							10		10
Furniture ..		2							2		2
Glass, all kinds ..	17	782							799		799
Iron, pig ..		6							6		6
do all other ..	48	511							559		559
Nails ..	2	127							129		129
Oils ..	3	9							12		12
Paint ..	5	15							20		20
Pitch and tar ..	19	1							20		20
Salt ..		25							25		25
Seeds, all kinds ..	3	118							121		121
Soda ash ..	56	193							249		249
Stone, for cutting ..		62							62		62
do wrought ..	25								25		25
Sugar ..	115	196							311		311
Tin ..	3	356							359		359
Whisky, etc.	4	89							93		93
White lead ..		5							5		5
Whiting ..	80	24							104		104
Merchandise ..	275	436							711		711
Grand total through freight	1,901	154,835	4,283	1,778	210,831	353,863	1,277	515,982	218,292	1,026,458	1,244,750

Total through tolls on vessels	11,557 26	11,730 51	23,287 77
do passengers	33 75	42 90	76 65
do free goods	\$ 681 30		
Total through tolls	51,981 59	134,196 64	186,178 23

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

APPENDIX A.—Continued.

No. (A) 3.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal, and the Amount of Tolls collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl												\$ cts.	\$ cts.	\$ cts.
Apples		227								227	227		5 68	5 68
Agricultural products not enumerated, vegetables...	4								4		4	0 08		0 08
Agricultural products not enumerated, animal														
Agricultural implements														
Barley														
Bricks	35	4							35	4	39	0 67	0 53	1 20
Bones														
Brinstone														
Buckwheat														
Cement and water lime	31	384							31	384	415	1 71	38 40	40 11
Clay, lime and sand							250			250	250		6 25	6 25
Coal	3								3		3	0 08		0 08
Corn														
Cattle		4								4	4		0 10	0 10
Cotton (raw)														
Crockery and earthenware														
Dye wood and dye stuffs														
Fish														
Flax and hemp														
Flour	40	548							40	548	588	75	13 75	14 50
Furniture	1								1		1	25		0 25
Gypsum														
Glass (all kinds)														
Hay (pressed)														
Hogs														
Horses	17	16							17	16	33	34	0 47	0 81

DEPARTMENT OF RAILWAYS AND CANALS.

Hides and skins, horns and hoofs												
Ice												
Iron, railway												
do pig	24					24		24	45			45
do all other	397	17				397	17	414	7 47	0 32		7 79
do ore												
Kryolite chemical ore and other, except iron												
Lard and lard oil												
Meal, all kinds												
Meats, other than pork												
Marble												
Manilla												
Molasses												
Nails	13					13		13	0 25			0 25
Oats	34	221				34	221	255	1 70	28 47		30 17
Oil, (in barrels)												
Oil cake												
Pease		230					230	230		23 00		23 00
Potatoes	7					7		7	0 53			0 53
Pork												
Paint	4					4		4	0 08			0 08
Pitch and tar												
Rags												
Rye												
Flax seed												
Rosin												
Salt	10					10		10	0 65			0 65
Stone intended for cutting do wrought												
do not suitable for cut- ting, unwrought	233	150				233	150	383	14 55	7 50		22 05
Seeds, all kinds												
Sheep												
Soda ash												
Steel												
Sugar	46					46		46	0 87			0 87
Spirits, beer, &c.												
Tobacco (raw)												
Tallow												
Tin												
Turpentine												
Wheat	1,062	1,552				1,062	1,552	2,614	63 99	138 10		202 09
White lead												
Whiting												
Wool												
All other goods and mer- chandise not enumerated	1,656	1,384			235	1,656	1,619	3,275	39 42	48 66		88 08
Bark												

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
												\$ cts.	\$ cts.	\$ cts.
Barrels, empty.....														
Boat knees.....														
Floats.....														
Firewood in vessels.....	174	13,281	1,155	405					1,329	13,686	15,015	19 24	587 37	606 61
do in rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..		924								924	924		103 88	103 88
do in rafts.....														
Masts, spars, and telegraph poles, in vessels.....														
Masts, spars, and telegraph poles, in rafts.....		9								9	9		1 58	1 58
Railway ties, in vessels..														
do in rafts.....														
Saw logs.....	739	1,518	175	2,100					914	3,618	4,532	34 94	128 21	163 15
Staves and headings, barrel do pipe.....														
do West India.....														
Staves, salt barrel.....		175								175	175		2 80	2 80
Shingles.....														
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..		1								1	1		25	0 25
do in rafts.....	47								47		47	1 32		1 32
Traverses.....														

APPENDIX A—Continued.

No. (A) 4.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl.....		30	1						1	30	31	\$ 0 20	\$ 6 00	\$ 6 20
Apples.....	19	3,770							19	3,770	3,789	2 34	555 34	557 68
Agricultural products not enumerated, vegetables..	369	1,009							369	1,009	1,378	43 24	151 13	194 37
Agricultural products not enumerated, animal.....	537	1,836		221			1	1,159	538	3,216	3,754	25 15	439 77	464 92
Agricultural implements...	56	5							56	5	61	7 76	0 50	8 26
Barley.....		4,880								4,880	4,880		386 33	386 33
Bricks.....	6,593	87	120				31	8	6,744	95	6,839	325 79	14 25	340 04
Bones.....		24		240						264	264		21 60	21 60
Brimstone.....	768								768		768	64 81		64 81
Buckwheat.....	49	6,488							49	6,488	6,537	1 24	242 47	243 71
Cement and water lime....	6,294	148	553		220				6,847	368	7,215	616 71	22 64	639 35
Clay, lime and sand.....	10,285	11,604	4	450			2,010	353	12,299	12,407	24,706	468 2	585 79	1,054 02
Coal.....		22,394		10		108		153,685		176,197	176,197		25,422 32	25,422 32
Corn.....	699	1,973						2,286	699	4,259	4,958	17 55	383 45	401 00
Cattle.....	27	303							27	303	330	1 60	21 39	22 99
Cotton (raw).....	2	4							2	4	6	0 15	0 30	0 45
Crockery and earthenware..	86	5							86	5	91	15 65	1 00	16 65
Dye wood and dye stuffs...	24	3					27		51	3	54	5 55	0 60	6 15
Fish.....	104	30	3						107	30	137	9 08	1 15	10 23
Flax and hemp.....		67								67	67		6 70	6 70
Flour.....	891	2,031							891	2,031	2,922	54 83	231 95	286 78
Furniture.....	326	992	3						329	992	1,321	59 80	143 03	202 83
Gypsum.....	1,098	2							1,098	2	1,100	13 74	0 12	13 86
Glass (all kinds).....	1,012	57	657						1,669	57	1,726	330 63	7 55	338 18
Hay (pressed).....	148	452							148	452	600	5 72	28 21	33 93
Hogs.....		4								4	4		0 31	0 31
Horses.....	184	348							184	348	532	8 77	22 17	30 94
Hides and skins, horns and hoofs.....	6	8							6	8	14	0 90	1 20	2 10
Ice.....														

Iron (railway).....	197	181						3	197	184	381	29 48	7 28	36 76
do (pig).....	930	871	6						936	871	1,807	86 87	130 54	217 41
do (all other).....	6,154	1,918	576	47				1,569	8,295	1,965	10,264	734 48	91 70	826 18
do (ore).....														
Kryolite, chemical ore and other ore, except iron.....														
Lard and lard oil.....	38	162							38	162	200	4 53	20 95	25 48
Meal, all kinds.....	81	484							81	484	565	4 82	37 76	42 58
Meats, other than pork.....	5								5		5	0 45		0 45
Marble.....	2								2		2	0 20		0 20
Manilla.....	14								14		14	2 80		2 80
Molasses.....	1,262	142					880		2,062	142	2,204	138 13	7 10	145 23
Nails.....	717	594	128						845	594	1,439	164 86	30 60	195 46
Oats.....	1,383	49,939							1,383	49,939	51,322	34 69	1,985 83	2,020 52
Oil (in barrels).....	462	421	10				45		517	421	938	85 09	69 65	154 74
Oil cake.....	2	38							2	38	40	0 12	2 89	3 01
Pease.....	404	36,509							404	36,509	36,913	10 11	1,738 49	1,748 60
Potatoes.....		20								20	20		1 46	1 46
Pork.....	231	141							231	141	372	23 06	14 77	37 83
Paint.....	219	121	17				57	10	293	131	424	48 49	9 55	58 04
Pitch and tar.....	78	16	1				185		264	16	280	24 66	0 80	25 46
Rags.....	128	65	6	44			18		152	109	261	19 78	18 60	38 38
Rye.....		14,397								14,397	14,397		750 96	750 96
Flax seed.....														
Rosin.....	10	17					2,069		2,079	17	2,096	126 69	0 85	127 54
Salt.....	2,897	53	25				16		2,938	53	2,991	341 64	2 00	343 64
Stone intended for cutting.....	170		62				264		496		496	35 92		35 92
do wrought.....	345	4					147		492	4	496	28 35	0 20	28 55
do not suitable for cut- ting, unwrought ..	942	76							942	76	1,018	18 60	1 50	20 10
Seeds, all kinds.....	798	310	121						919	310	1,229	69 96	25 62	95 58
Sheep.....		199								199	199		14 98	14 98
Soda ash.....	696	11	193				30		919	11	930	178 26	0 55	178 81
Steel.....	381	183					1,142		381	1,325	1,706	53 01	103 83	156 84
Sugar.....	4,441	65	356						4,797	65	4,862	930 65	3 40	934 05
Spirits, beer, &c.....	321	101	65						386	101	487	63 59	18 40	81 99
Tobacco (raw).....														
Tallow.....	30	17							30	17	47	3 72	2 33	6 05
Tin.....	904	12	356						1,260	12	1,272	250 60	1 05	251 65
Turpentine.....	1	18					63		64	18	82	3 25	0 90	4 15
Wheat.....	924	40,118					3,397		924	43,515	44,439	23 11	1,937 45	1,960 56
White lead.....	109		5						114		114	22 44		22 44
Whiting.....	403		24						427		427	85 15		85 15
Wool.....		31								31	31		4 65	4 65
All other goods and mer- chandise not enumerated.....	6,353	3,216	574	3	128	431	467	46	7,522	3,696	11,218	1,117 05	577 63	1,694 68
Bark.....														
Barrels, empty.....	90	32	1						91	32	123	9 37	2 87	12 24
Boat knees.....														
Floats.....	70	2,325							70	2,325	2,395	1 58	40 39	41 97

No. (A) 4.—STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Firewood, in vessels.....	5,031	6,767							5,031	6,767	11,798	\$ cts. 83 85	\$ cts. 130 41	\$ cts. 214 26
do in rafts.....		162								102	102		2 13	2 13
Hoops.....														
Hop poles.....		17								17	17		1 00	1 00
Lumber, sawn, in vessels..	16,097	14,141	250	247				337	16,347	14,725	31,072	407 26	898 75	1,306 01
do in rafts....	7	656							7	656	663	0 30	29 49	29 79
Masts, spars and telegraph poles, in vessels.....	100	14,821							100	14,821	14,921	2 50	369 70	372 20
Masts, spars and telegraph poles, in rafts.....														
Railway ties, in vessels....	35								35		35	0 69		0 69
do in rafts.....														
Saw logs.....		15,189								15,189	15,189		347 12	347 12
Staves and headings, barrel do pipe.....														
do do W. India.....														
Staves, salt barrel.....														
Shingles.....	1	9							1	9	10	0 19	1 98	2 17
Split posts and fence rails, in vessels.....	2								2		2	0 20		0 20
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	1,000	670							1,000	670	1,670	35 63	8 50	44 13
do in rafts....	588	5,435							588	5,435	6,023	15 70	188 25	203 95
Traverses.....		2,319								2,319	2,319		14 40	14 40
Woodenware and wood partly manufactured....	62	4							62	4	66	20 70	0 70	21 40
Total freight paying tolls.	84,692	271,491	4,117	1,262	128	759	7,799	162,426	96,736	435,938	532,674	7,422 02	38,347 23	45,769 25
<i>Free articles having paid full tolls on the Welland Canal:</i>														
Ashes.....		46						87		133	133			
Clay, lime and sand.....								38		38	38			
Corn.....		197,318						70,265		267,583	267,583			
Flax Seed.....		2,453						840		3,293	3,293			
Flour.....		221						808		10,029	10,029			
Furniture.....								1		1	1			
Glass.....		53								53	53			

Horses.....								1		1	
Iron (all other).....		2,793						4,771		7,564	7,564
Merchandise.....		865						361		1,226	1,226
Molasses.....								9		9	9
Oats.....		6,422						425		6,847	6,847
Oils.....								112		112	112
Pease.....		2,078								2,078	2,078
Rye.....		7,908						527		8,435	8,435
Salt.....								216		216	216
Steel.....		336						39		375	375
Tobacco.....		19						32		51	51
Wheat.....		244,357		547				33,594		278,498	278,498
Whisky.....		26						20		46	46
Hoops.....		15						98		257	257
Lumber, sawn, in vessels.....		132						346		478	478
Staves, &c., barrel.....		1,667						3,049		4,716	4,716
Timber, square, in rafts.....		1,207								1,207	1,207
Coal, free, per Order in Council.....	65,531			374			25,180		91,085		91,085
<i>Free articles for canal construction, O.C., 1884:</i>											
Cement, &c.....		2,127								2,127	2,127
Clay, lime and sand.....	150	10							150	10	160
Coal.....		271						5,366		5,637	5,637
Merchandise.....		110								110	110
Stone wrought.....	100	13,514							100	13,514	13,614
Stone unwrought (not suitable for cutting).....	90								90		90
Lumber, sawn, in vessels.....		227								227	227
Timber, square do.....		937								937	937
Railway ties do.....		457								457	457
Split posts, &c. do.....		1								1	1
Grand total, freight.....	150,563	757,205	4,491	1,809	128	759	32,979	283,431	188,161	1,043,204	1,231,365

Total tolls on vessels.....	12,360 01	10,067 31	22,427 32
do passengers.....	662 18	1,859 34	2,521 52
do free goods.....	\$64,899.58		
Total tolls.....	20,444 21	50,273 88	70,718 09
Fines.....			67 00
*Damages.....			
Wharfage and storage.....			2,751 22
Other receipts.....			16,152 07
Total revenue, exclusive of hydraulic rents.....			89,688 38

*Amount of damages not included in above, \$398.03.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals and the Amount of Tolls collected during the Season of Navigation of 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amou. of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
												\$ cts.	\$ cts.	\$ cts.
Ashes, pot and pearl		30	1						1	30	31	0 20	6 00	6 20
Apples	11	3,661							11	3,661	3,672	1 65	549 15	550 80
Agricultural products, not enumerated, vegetables	228	1,006							228	1,006	1,234	34 50	150 90	185 40
Agricultural products, not enumerated, animal	5	1,543					1,159		5	2,702	2,707	0 75	405 30	406 05
Agricultural implements														
Barley		3,524								3,524	3,524		352 40	352 40
Bricks	385	87	120				8		565	95	600	75 75	14 25	90 00
Bones		2								2	2		0 36	0 36
Brimstone														
Buckwheat		1,059								1,059	1,059		105 90	105 90
Cement and water lime	1,907	5	553						2,460	5	2,465	369 00	0 75	369 75
Clay, lime and sand	74	581	4						78	581	659	11 70	75 90	87 60
Coal		22,045					142,918			164,963	164,963		24,722 37	24,722 37
Corn		1,405					2,174			3,579	3,579		357 90	357 90
Cattle														
Cotton (raw)														
Crockery and earthenware	48	5							48	5	53	9 60	1 00	10 60
Dye wood and dye stuffs	18	3							18	3	21	3 60	0 60	4 20
Fish	36		3						39		39	5 85		5 85
Flax and hemp		67								67	67		6 70	6 70
Flour		1,361								1,361	1,361		204 15	204 15
Furniture	241	610	3						244	610	854	48 80	122 00	170 80
Gypsum														
Glass (all kinds)	953	27	657						1,610	27	1,637	322 00	5 40	327 40
Hay (pressed)		70								70	70		10 50	10 50
Hogs														
Horses	3	53							3	53	56	0 45	7 95	8 40

Hides and skins, horns and hoofs.....	6	8					6	8	14	0 90	1 20	2 10
Ice.....												
Iron, railway.....	196					3	196	3	199	29 40	0 45	29 85
do pig.....	448	870	6				454	870	1,324	68 10	130 50	198 60
do all other.....	2,879	199	576				3,455	109	3,564	518 25	16 35	534 60
do ore.....												
Kryolite chemical ore and other ore, except iron.....												
Lard and lard oil.....	18	131					18	131	149	2 70	19 65	22 35
Meal, all kinds.....		149						149	149		22 35	22 35
Meats, other than pork.....												
Marble.....												
Manilla.....	14						14		14	2 80		2 80
Molasses.....	19						19		19	3 80		3 80
Nails.....	540	6	128				668	6	674	133 60	1 20	134 80
Oats.....		9,463						9,463	9,463		946 40	946 40
Oil (in barrels).....	262	324	10				272	324	596	54 40	64 80	119 20
Oil cake.....												
Pease.....		10,923						10,923	10,923		1,092 45	1,092 45
Potatoes.....		2						2	2		0 30	0 30
Pork.....	8	84					8	84	92	1 29	12 60	13 80
Paint.....	180	10	17			10	197	20	217	39 40	4 40	43 40
Pitch and tar.....	66		1				67		67	13 40		13 40
Rags.....	47	55	6				53	55	108	10 60	11 00	21 60
Rye.....		5,213						5,213	5,213		521 30	521 30
Flax seed.....												
Rosin.....												
Salt.....	1,220		25				1,245		1,245	186 75		186 75
Stone, intended for cutting do wrought.....	25		62				62		62	9 30		9 30
do not suitable for cut- ting, unwrought.....							25		25	5 00		5 00
Seeds, all kinds.....	189	124	121				310	124	434	46 50	18 60	65 10
Sheep.....												
Soda ash.....	682		193				875		875	175 00		175 00
Steel.....	342	69				47	342	116	458	51 30	17 40	68 70
Sugar.....	3,745	1	356				4,101	1	4,102	820 20	0 20	820 40
Spirits, beer, &c.....	115	89	65				180	89	269	36 00	17 80	53 80
Tobacco (raw).....												
Tallow.....	23	15					23	15	38	3 45	2 25	5 70
Tin.....	864	3	356				1,220	3	1,223	244 00	0 36	244 60
Turpentine.....												
Wheat.....		7,847				3,397		11,244	11,244		1,124 40	1,124 40
White lead.....	91		5				96		96	19 20		19 20
Whiting.....	396		24				420		420	84 00		84 00
Wool.....		31						31	31		4 65	4 65
All other goods and mer- chandise, not enumerated	3,274	2,295	569			16	3,843	2,311	6,154	768 60	462 20	1,230 80
Bark.....												

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Barrels, empty.....	26	7	1						27	7	34	4 80	1 32	6 12
Boat knees.....														
Floats.....														
Firewood, in vessels.....														
do rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..	51	7,475	250				337	301	7,812	8,113	27 00	699 87	726 87	
do rafts.....														
Masts, spars and telegraph poles, in vessels.....														
Masts, spars and telegraph poles, in rafts.....														
Railway ties, in vessels.....														
do rafts.....														
Saw-logs.....														
Staves and headings, barrel do pipe.....														
do do West India.....														
Staves, salt barrel.....														
Shingles.....		2							2	2		0 96	0 96	
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....		73							73	73		7 25	7 25	
Timber, square, in vessels.....														
do rafts.....														
Traverses.....														
Woodenware, and wood partly manufactured....	44							44		44	17 60		17 60	
Total through freight paying tolls.....	19,679	82,522	4,112				150,069	23,791	232,591	256,382	4,261 10	32,301 47	36,562 57	

APPENDIX A.—Continued.

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.					
												\$	cts.	\$	cts.
Ashes, pot and pearl															
Apples	8	109							8	109	117	0	69	6	88
Agricultural products not enumerated, vegetables	141	3							141	3	144	8	74	0	23
Agricultural products not enumerated, animal	532	293		221			1		533	514	1,047	24	40	34	47
Agricultural implements	56	5							56	5	61	7	76	0	50
Barley		1,356								1,356	1,356			33	93
Bricks	6,208						31		6,239		6,239	250	04		04
Bones		22		240						262	262			21	30
Brimstone	768								768		768	64	81		81
Buckwheat	49	5,429						49	5,429	5,478	1	24	136	57	81
Cement and water lime	4,387	143				220		4,387	363	4,750	247	71	21	89	60
Clay, lime and sand	10,211	11,023		450			2,010	353	12,221	11,826	24,047	456	53	509	89
Coal		349		10			108	10,767		11,234	11,234			699	95
Corn	699	568						112	699	680	1,379	17	55	25	55
Cattle	27	303							27	303	330	160	21	39	22
Cotton (raw)	2	4							2	4	6	0	15	0	03
Crockery and earthenware	38								38		38	6	05		05
Dye wood and dye stuffs	6						27		33		33	1	95		95
Fish	68	30							68	30	98	3	23	1	15
Flax and hemp															
Flour	891	670							891	670	1,561	54	83	27	80
Furniture	85	382							85	382	467	11	00	21	03
Gypsum	1,098	2							1,098	2	1,100	13	74	0	12
Glass (all kinds)	59	30							59	30	89	863	2	15	78
Hay (pressed)	148	382							148	382	530	572	17	71	23
Hogs		4								4	4			0	31
Horses	181	295							181	295	476	832	14	22	22

10-71***

Hides and skins, horns and hoofs.....														
Ice.....														
Iron, railway.....	1	181						1	181	182	0 08	6 83	6 91	
do pig.....	482	1						482	1	483	18 77	0 04	18 81	
do all other.....	3,275	1,809		47		1,569		4,844	1,856	6,700	216 25	75 35	291 58	
do ore.....														
Kryolite, chemical ore and other ore, except iron.....														
Lard and lard oil.....	20	31						20	31	51	1 82	1 30	3 13	
Meal, all kinds.....	81	335						81	335	416	4 82	15 41	20 23	
Meats, other than pork.....	5							5		5	0 45		0 45	
Marble.....	2							2		2	0 20		0 20	
Manilla.....														
Molasses.....	1,243	142			800			2,043	142	2,185	134 33	7 10	141 43	
Nails.....	177	588						177	588	765	31 26	29 40	60 66	
Oats.....	1,383	40,476						1,383	40,476	41,859	34 69	1039 43	1074 01	
Oil (in barrels).....	200	97			45			245	97	342	30 69	4 85	35 54	
Oil cake.....	2	38						2	38	40	0 12	2 89	3 01	
Pease.....	404	25,586						404	25,586	25,990	10 11	646 04	656 15	
Potatoes.....		18							18	18		1 16	1 16	
Pork.....	223	57						223	57	280	21 86	2 17	24 03	
Paint.....	39	111			57			96	111	207	9 09	5 55	14 64	
Pitch and tar.....	12	16			185			197	16	213	1 126	0 80	12 06	
Rags.....	81	10		44	18			99	54	153	9 18	7 60	16 78	
Rye.....		9,184							9,184	9,184		229 66	229 66	
Flax seed.....														
Rosin.....	10	17			2,069			2,079	17	2,096	126 69	0 85	127 54	
Salt.....	1,677	53			16			1,693	53	1,746	154 89	2 00	156 89	
Stone, intended for cutting.....	170				264			434		434	26 62		26 62	
do wrought.....	320	4			147			467	4	471	23 35	0 20	23 55	
do not suitable for cutting, unwrought.....	942	76						942	76	1,018	18 60	1 50	20 10	
Seeds, all kinds.....	609	186						609	186	795	23 46	7 02	30 48	
Sheep.....		199							199	199		14 98	14 98	
Soda ash.....	14	11			30			44	11	55	3 26	0 55	3 81	
Steel.....	39	114			1,095			39	1,209	1,248	1 71	86 43	88 14	
Sugar.....	696	64						696	64	760	110 45	3 20	113 65	
Spirits, beer, &c.....	206	12						206	12	218	27 59	0 60	28 19	
Tobacco (raw).....														
Tallow.....	7	2						7	2	9	0 27	0 08	0 35	
Tin.....	40	9						40	9	49	6 60	0 45	7 05	
Turpentine.....	1	18			63			64	18	82	3 25	0 90	4 15	
Wheat.....	924	32,271						924	32,271	33,195	23 11	813 05	836 16	
White lead.....	18							18		18	3 24		3 24	
Whiting.....	7							7		7	1 15		1 15	
Wool.....														
All other goods and merchandise not enumerated.....	3,079	921	5	3	128	431	467	30	3,679	1,385	5,064	348 45	115 43	463 88
Bark.....														

CANAL STATISTICS.

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
												\$ cts.	\$ cts.	\$ cts.
Barrels, empty.....	64	25							64	25	89	4 57	1 55	6 12
Boat knees.....									70	2,325	2,395	1 58	40 39	41 97
Floats.....	70	2,325							5,031	6,767	11,798	83 85	130 41	214 26
Firewood, in vessels.....	5,031	6,767								102	102		2 13	2 13
do in rafts.....		102												
Hoops.....										17	17		1 00	1 00
Hop poles.....		17							16,046	6,913	22,959	380 26	198 88	579 14
Lumber, sawn, in vessels..	16,046	6,666		247					7	656	663	30	29 49	29 79
do in rafts.....	7	656												
Masts, spars, and telegraph poles, in vessels.....														
Masts, spars, and telegraph poles, in rafts.....	100	14,821							100	14,821	14,921	2 50	369 70	372 20
Railway ties, in vessels....	35								35		35	69		0 69
do in rafts.....										15,189	15,189		347 12	347 12
Saw logs.....		15,189												
Staves and headings, barrel do do pipe... do do W. India.....														
Staves, salt barrel.....									1	7	8	0 19	1 02	1 21
Shingles.....	1	7												
Split posts and fence rails, in vessels.....	2								2		2	0 20		0 20
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	1,000	670							1,000	670	1,670	35 63	8 50	44 13
do in rafts.....	588	5,362							588	5,362	5,950	15 70	181 00	196 70
Traverses.....		2,319								2,319	2,319		14 40	14 40

Woodenware and wood partly manufactured....	18	4							18	4	22	3 10	0 70	3 80	
Total way freight paying tolls.....	65,013	188,969	5	1,262	128	759	7,799	12,357	72,945	203,347	276,292	3,160 92	6,045 76	9,206 68	
<i>Free articles having paid full tolls on the Welland Canal:</i>															
Corn.....		2,277						910		3,187	3,187				
Merchandise.....		12								12	12				
Coal, free, per Order in Council.....	65,491		374				25,180		91,045		91,045				
<i>Free articles for canal construction, O.C., 1884:</i>															
Cement, &c.....		2,127								2,127	2,127				
Clay, lime and sand.....	150	10						150	10	160	160				
Coal.....		271					5,366		5,637	5,637	5,637				
Merchandise.....		110							110	110	110				
Stone wrought.....	100	13,514						100	13,514	13,614	13,614				
Stone unwrought (not suitable for cutting).....	90							90		90	90				
Lumber sawn, in vessels.....		227							227	227	227				
Timber square, in vessels.....		937							937	937	937				
Railway ties, in vessels.....		457							457	457	457				
Split posts, &c., in vessels.....		1							1	1	1				
Grand total, way freight.	130,844	208,912	379	1,262	128	759	32,979	18,633	164,330	229,566	393,896				
												Total way tolls on vessels.....	3,852 17	1,443 63	5,295 80
												do passengers.....	331 78	578 04	909 82
												do free goods.....	\$6,375 16		
												Total way tolls.....	7,344 87	8,067 43	15,412 30

CANAL STATISTICS.

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

APPENDIX A—Continued.

No. 7.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Ashes, pot and pearl..		6								6	6	1 05
Apples		43								43	43	3 39
Agricultural products not enumerated, vegetables.		19								19	19	1 26
do do animal.	1	1,854							1	1,854	1,855	166 44
Agricultural implements.		11								11	11	1 55
Barley		5								5	5	0 36
Bricks.												
Bones.		13								13	13	0 98
Brimstone.												
Buckwheat		189								189	189	18 32
Cement and water lime.		158								158	158	3 78
Clay, lime and sand.		3,765								3,765	3,765	93 53
Coal												
Corn												
Cattle.		628								628	628	48 22
Cotton (raw).												
Crockery and earthenware.		4								4	4	0 76
Dye wood and dye stuffs.												
Fish												
Flax and hemp.												
Flour.	1	6							1	6	7	0 58
Furniture.	2	20							2	20	22	2 95
Gypsum.												
Glass (all kinds).		1								1	1	0 28
Hay (pressed).		272								272	272	26 03
Hogs.		107								107	107	8 42
Horses	21	138							21	138	159	6 81
Hides and skins, horns and hoofs.	1	5							1	5	6	0 58
Ice.												
Iron, railway												

do pig.....		1						1	1	0 06	
do all other.....	3	21						3	21	24	1 55
Iron ore.....											
Kyrolite chemical ore and other ore, except iron.....		266							266	266	13 30
Lard and lard oil.....											
Meal, all kinds.....		13							13	13	0 82
Meats, other than pork.....		2							2	2	0 04
Marble.....											
Manilla.....											
Molasses.....											
Nails.....											
Oats.....		1,623							1,623	1,623	142 18
Oil (in barrels).....	2	13						2	13	15	1 89
Oil cake.....											
Pease.....		225							225	225	18 33
Potatoes.....		136							136	136	8 58
Pork.....		7							7	7	0 38
Paint.....											
Pitch and tar.....		24							24	24	4 10
Rags.....	2	69						2	69	71	12 74
Rye.....		8							8	8	0 79
Flax seed.....											
Rosin.....											
Salt.....											
Stone, intended for cutting.....											
do wrought.....											
do not suitable for cutting, unwrought.....											
Seeds, all kinds.....											
Sheep.....		326							326	326	28 28
Soda ash.....		2							2	2	0 20
Steel.....											
Sugar.....		1							1	1	0 10
Spirits, beer, &c.....											
Tobacco (raw).....											
Tallow.....		4							4	4	0 36
Tin.....											
Turpentine.....											
Wheat.....											
White lead.....											
Whiting.....											
Wool.....											
All other goods and merchandise not enumerated.....	5	493						5	493	498	76 59
Bark.....											
Barrels, empty.....		63							63	63	8 06
Boat knees.....											
Floats.....		36,350							36,350	36,350	315 73
Fire wood, in vessels.....		27,477							27,477	27,477	1,003 41
do rafts.....		270							270	270	2 80
Hoops.....		3							3	3	41
Hop poles.....											

No. (A) 7.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue collected, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Lumber, sawn, in vessels.	42	351,084		47,937					42	399,021	399,063	27,858 46
do rafts		60								60	60	1 08
Masts, spars, and telegraph poles, in vessels.												
do do rafts												
Railway ties, in vessels.		1,315		2,986						4,301	4,301	361 14
do rafts		2,175								2,175	2,175	116 66
Saw logs		15,678								15,678	15,678	358 32
Staves and headings, barrel.												
do pipe												
do West India												
Staves, salt barrel.												
Shingles		28		104						132	132	105 05
Split posts and fence rails, in vessels.												
do do rafts		4								4	4	23
Timber, square, in vessels.		1,000								1,000	1,000	16 38
do rafts		5,500								5,500	5,500	57 75
Traverses.		40								40	40	10
Woodenware and wood partly manufactured.	1								1		1	13
Total freight paying tolls.	81	451,525		51,027					81	502,552	502,633	30,901 29
<i>Free articles for canal construction per Order in Council, 1884.</i>												
Timber square, in vessels.		400								400	400	
<i>Free per Order in Council, 27th June, 1890.</i>												
Floats		17,480								17,480	17,480	
Lumber, sawn, in rafts.		460								460	460	
Ties, railway, in rafts.		3,313								3,313	3,313	
Masts, &c., in rafts.		600								600	600	

Timber, square, in rafts	9,680								9,680	9,680
Split posts, &c., in rafts.....	4								4	4
Saw logs.....	27,800								27,800	27,800
Freight, grand total.....	81	511,262		51,027					81	562,370

Total tolls on vessels.....	2,995 16
do passengers.....	135 83
do free goods.....	\$737 32
*Damages.....	
Other receipts.....	8 00
Total revenue exclusive of hydraulic rents.....	34,040 28

*Amount of damages not included in above \$4.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

RICHARD DEVLIN,
Compiler Canal Statistics.

APPENDIX A—Continued.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.....												\$ cts.
Apples.....		276						16		292	292	20 39
Agricultural products, not enumerated, vegetables.....												
do do animal.....												
Agricultural implements.....												
Barley.....												
Bricks.....	322							440	322	440	762	55 41
Bones.....			192							192	192	19 20
Brimstone.....												
Buckwheat.....												
Cement and water lime.....	9	105						3,675	9	3,780	3,789	269 24
Clay, lime and sand.....	30							3,698	30	3,698	3,728	464 78
Coal.....	9							77,365	9	77,365	77,374	7,626 36
Corn.....												
Cattle.....	7	176							7	176	183	6 37
Cotton (raw).....												
Crockery and earthenware.....		5								5	5	0 50
Dye wood and dye stuffs.....		1						15		16	16	1 60
Fish.....												
Flax and hemp.....												
Flour.....	549	3							549	3	552	18 63
Furniture.....												
Gypsum.....												
Glass (all kinds).....												
Hay (pressed).....		2,852	203					77	203	2,929	3,132	142 58
Hogs.....												
Horses.....	16	89							16	89	105	3 80
Hides and skins, horns and hoofs.....												
Ice.....												
Iron, railway.....												
do pig.....												
do all other.....								1,494		1,494	1,494	149 40

Iron ore.....										
Kryolite chemical ore and other ore, except iron.....										
Lard and lard oil.....										
Meals, all kinds.....										
Meats, other than pork.....										
Marble.....										
Manilla.....										
Molasses.....										
Nails.....										
Oats.....	3	2,533				130	3	2,663	2,666	99 82
Oil (in barrels).....						51		51	51	4 94
Oil cake.....										
Pease.....		6						6	6	21
Potatoes.....	15						15		15	1 50
Pork.....										
Paint.....										
Pitch and tar.....						455		455	455	45 50
Rags.....										
Rye.....										
Flax seed.....										
Rosin.....						2,163		2,163	2,163	216 30
Salt.....	153					312	153	312	465	36 33
Stone, intended for cutting.....						146		146	146	14 60
do wrought.....										
do not suitable for cutting, unwrought.....						135		135	135	13 50
Seeds, all kinds.....										
Sheep.....		117						117	117	4 13
Soda ash.....						288		288	288	19 20
Steel.....						52		52	52	5 20
Sugar.....						2,240		2,240	2,240	224 00
Spirits, beer, &c.....										
Tobacco (raw).....										
Tallow.....										
Tin.....										
Turpentine.....						63		63	63	6 30
Wheat.....										
White lead.....										
Whiting.....										
Wool.....										
All other goods and merchandise not enumerated.....	1,104	370	10,960	174		1,388	12,064	1,932	13,996	1,030 74
Bark.....										
Barrels, empty.....		1						1	1	12
Boat knees.....										
Floats.....										
Firewood, in vessels.....	248	1,194	179,672				179,920	1,194	181,114	6,012 58
do rafts.....										
Hoops.....										
Hop poles.....										
Lumber, sawn, in vessels.....	5,544	19	48,275				53,819	19	53,838	3,149 53
do do rafts.....										

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
												\$ cts	
Masts, spars, and telegraph poles, in vessels.....													
do do rafts.....			2,599						2,599		2,599	207 62	
Railway ties, in vessels.....													
do rafts.....													
Saw logs.....													
Staves and headings, barrel.....													
do do pipe.....													
do do West India.....													
Staves, salt barrel.....													
Shingles.....	62		5						67		67	25 43	
Split posts and fence rails, in vessels.....	35								35		35	0 47	
do do rafts.....													
Timber, square, in vessels.....													
do do rafts.....													
Traverses.....													
Woodenware and wood partly manufactured.....													
Total freight paying tolls.....	8,106	7,747	241,906	174					94,203	250,012	102,124	352,136	19,896 28
Total tolls on vessels.....													3,341 23
do passengers.....													71 02
*Damages.....													
Total revenue exclusive of hydraulic rents.....													23,308 53

*Amount of damages not included in above \$35.

APPENDIX A—Continued.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, and the Amount of Revenue collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.....							4		4		4	\$ 0 70
Apples.....	4	84							4	84	88	2 13
Agricultural products not enumerated, vegetables.....	1	8							1	8	9	0 23
do do animal.....	16	321							16	321	337	10 52
Agricultural implements.....	17	55							17	55	72	6 55
Barley.....									6		6	0 14
Bricks.....	279	706							279	706	985	39 72
Bones.....		2								2	2	0 10
Brimstone.....												
Buckwheat.....		153								153	153	7 00
Cement and water lime.....	522	13							522	13	535	13 88
Clay, lime and sand.....	7,057		100						7,157		7,157	167 29
Coal.....		1,666						11,496		13,162	13,162	539 43
Corn.....	4	151							4	151	155	3 86
Cattle.....	2	1							2	1	3	0 09
Cotton (raw).....												
Crockery and earthenware.....	17	35							17	35	52	4 67
Dye wood and dye stuffs.....												
Fish.....	39								39		39	0 96
Flax and hemp.....												
Flour.....	250	268							250	268	518	13 21
Furniture.....	14	21							14	21	35	3 14
Gypsum.....												
Glass (all kinds).....	26	3							26	3	29	2 59
Hay (pressed).....	84	4							84	4	88	2 10
Hogs.....												
Horses.....	4	10							4	10	14	0 42
Hides and skins, horns and hoofs.....	5	3							5	3	8	0 24
Ice.....												
Iron, railway.....												
do pig.....	13								13		13	0 60

CANAL STATISTICS.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From States United to Canadian Ports.		Tons.		Total Tons.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Iron, all other	561	83							561	83	644	\$ 17 32
do ore												
Kryolite, chemical ore and other ore, except iron		37								37	37	0 99
Lard and lard oil	27								27		27	0 65
Meal, all kinds		38								38	38	0 93
Meats, other than pork	1								1		1	0 03
Marble												
Manilla	7	30							7	30	37	3 22
Molasses	95								95		95	8 32
Nails	101	1							101	1	102	10 85
Oats	76	171					201		277	171	448	17 68
Oil (in barrels)	119	89							119	89	208	19 08
Oil cake												
Pease		18								18	18	0 84
Potatoes		6								6	6	0 21
Pork	153	46							153	46	199	4 90
Paint	17								17		17	1 61
Pitch and tar	8	10							8	10	18	1 60
Rags	1	14							1	14	15	1 94
Rye		5								5	5	0 19
Flax seed												
Rosin	1								1		1	0 09
Salt	1,390	342							1,390	342	1,732	47 84
Stone, intended for cutting	21	120							21	120	141	4 70
do wrought	1								1		1	0 09
do not suitable for cutting, unwrought		444								444	444	10 38
Seeds, all kinds												
Sheep	3								3		3	0 07
Soda ash	1								1		1	0 09
Steel	29								29		29	0 82
Sugar	409	61							409	61	470	43 38
Spirits, beer, etc.	18	52							18	52	70	1
Tobacco (raw)	3								3		3	
Tallow												
Tin	11	1							11	1	12	1 26

Turpentine.....												
Wheat.....		625							625	625		14 60
White lead.....	19							19		19		2 07
Whiting.....	1							1		1		0 09
Wool.....	4	1						4	1	5		0 13
All other goods and merchandise not enumerated ..	681	474						681	478	1,159		108 66
Bark.....	25							25		25		0 59
Barrels, empty.....	4	11						4	11	15		0 90
Boat knees.....												
Floats.....	660	160						660	160	820		14 35
Firewood, in vessels.....	9,551	1,359						9,551	1,359	10,910		194 50
do rafts.....												
Hoops.....												
Hop poles.....	18							18		18		2 50
Lumber, sawn, in vessels.....	9,192	4,918	9,454	8,393			72	18,718	13,311	32,029		2,892 05
do do rafts.....												
Masts, spars and telegraph poles, in vessels.....	35	20						35	20	55		2 81
do do rafts.....												
Railway ties, in vessels.....	1,474		125					1,599		1,599		171 14
do rafts.....	417	113						417	113	530		56 20
Saw logs.....	96	368						96	368	464		10 54
Staves and headings, barrel.....												
do do pipe.....												
do do West India.....												
Staves, salt barrel.....												
Shingles.....	69	48						69	48	117		24 32
Split posts and fence rails, in vessels.....		3							3	3		0 23
do do rafts.....												
Timber, square, in vessels.....												
do do rafts.....												
Traverses.....	440							440		440		2 79
Woodenware and wood partly manufactured.....	18	5						18	5	23		3 21
Total freight paying tolls.....	34,111	13,177	9,679	8,393			283	11,500	44,073	33,070	77,143	4,526 61
Coal, free, per Order in Council.....	133								133		133	
Grand total freight.....	34,244	13,177	9,679	8,393			283	11,500	44,206	33,070	77,276	
Total tolls on vessels.....												1,510 45
do passengers.....												94 29
do free coal.....											\$3 55	
Wharfage and storage.....												138 74
Other receipts.....												55 00
* Total revenue, exclusive of hydraulic rents.....												6,325 09

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal and the amount of Revenue collected during the Season of Navigation, 1896.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Ash pot and pearl.....												
Apples.....	111	4							115	4	115	1 15
Agricultural products not enumerated, vegetables.....	254	2							254	2	256	2 56
do do do animal.....												
Agricultural implements.....	13								13		13	0 13
Barley.....	39								39		39	0 39
Bricks.....	129								129		129	1 29
Bones.....												
Brimstone.....												
Buckwheat.....												
Cement and water lime.....	74	60							74	60	134	1 34
Clay, lime and sand.....	23	1,353							23	1,353	1,376	13 76
Coal.....	361	35,666							361	35,666	36,027	360 27
Corn.....	18	7							18	7	25	0 25
Cattle.....	11								11		11	0 11
Cotton (raw).....												
Crockery and earthenware.....	56								56		56	0 56
Dye wood and dye stuffs.....												
Fish.....	105	1,792							105	1,792	1,897	18 97
Flax and hemp.....												
Flour.....	2,800	46							2,800	46	2,846	28 46
Furniture.....	47	15							47	15	62	0 62
Gypsum.....	13	700							13	700	713	7 13
Glass (all kinds).....	45								45		45	0 45
Hay (pressed).....	1,595								1,595		1,595	15 95
Hogs.....	6								6		6	0 06
Horses.....	5								5		5	0 05
Hides and skins, horns and hoofs.....												
Ice.....												
Iron, railway.....	60								60		60	60

do pig											
do all other	103	11						103	11	114	1 14
Iron ore											
Kryolite chemical ore and other ore, except iron											
Lard and lard oil	35							35		35	0 35
Meal, all kinds	1,027	12						1,027	12	1,039	10 39
Meats, other than pork	70	3						70	3	73	0 73
Marble	10	522						10	522	532	5 32
*Manilla	42							42		42	0 42
*Molasses	262	2						262	2	264	2 64
*Nails	64							64		64	0 64
Oats	1,249	7						1,249	7	1,256	12 56
Oil (in barrels)	202	24						202	24	226	2 26
Oil cake											
Pease	64							64		64	64
Potatoes	1,315	1						1,315	1	1,316	13 16
Pork	102	1						102	1	103	1 03
Paint	45							45		45	0 45
Pitch and tar	6							6		6	0 06
Rags											
Rye											
Flax seed											
Rosin											
Salt	525	27						525	27	552	5 52
Stone intended for cutting		600							600	600	6 00
do wrought											
do not suitable for cutting unwrought	105	7,260						105	7,260	7,365	73 65
Seeds, all kinds											
Sheep											
Soda ash											
Steel	7							7		7	0 07
Sugar	224	1						224	1	225	2 25
Spirits, beer, &c	268	10						268	10	278	2 78
Tobacco (raw)	9							9		9	0 09
Tallow	2	1						2	1	3	0 03
Tin	52	2						52	2	54	0 54
Turpentine											
Wheat		68							68	68	0 68
White lead											
Whiting											
Wool											
All other goods and merchandise not enumerated	897	54						897	54	951	9 51
Bark		4							4	4	0 04
Barrels empty	55	77						55	77	132	1 32
Boat knees											
Floats											
Firewood, in vessels		353							353	353	3 53
do in rafts											
Hoops		24							24	24	0 24
Hop poles											

No. (A) 10--GENERAL STATEMENT showing the quantity of each Article transported on the St. Peter's Canal, &c.--*Concluded.*

116

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels	5,374	60							5,374	.60	5,434	\$ 54 34
do in rafts												
Masts, spars and telegraph poles, in vessels	31								31		31	0 31
do do do in rafts												
Railway ties, in vessels												
do in rafts												
Saw logs												
Staves and headings, barrel												
do do pipe												
do do West India												
Stave, salt barrel												
Shingles	330	3							330	3	333	3 33
Split posts and fence rails, in vessels												
do do in rafts												
Timber square, in vessels	65	4							65	4	69	0 69
do in rafts												
Traverses												
Woodenware and wood partly-manufactured	12								12		12	0 12
Total freight paying tolls	18,317	48,776							1,8317	48,776	67,093	670 93
											Total tolls on vessels	2,173 77
											Total tolls	2,844 70
											Other receipts	12 00
											Total revenue	2,856 70

DEPARTMENT OF RAILWAYS AND CANALS.

APPENDIX A—Continued.

No. (A) 11.—GENERAL STATEMENT showing the Quantity of each Article transported on the Trent Valley Canals and the Amount of Revenue collected during the Season of Navigation in 1897.

10—81*****

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.												\$ cts.
Apples	2								2		2	0 02
Agricultural products not enumerated, vegetables.												
do do animal.												
Agricultural implements.												
Barley.												
Bricks	18	441							18	441	459	4 61
Bones												
Brimstone												
Buckwheat												
Cement and water lime.	1	5							1	5	6	0 15
Clay, lime and sand		11								11	11	0 12
Coal												
Corn												
Cattle	32	2							32	2	34	0 42
Cotton (raw)												
Crockery and earthenware												
Dye wood and dye stuffs												
Fish.												
Flax and hemp.												
Flour.	20								20		20	0 47
Furniture												
Gypsum												
Glass (all kinds).												
Hay (pressed)	2								2		2	0 26
Hogs	87								87		87	0 87
Horses	1								1		1	0 01
Hides and skins, horns and hoofs.												
Ice												
Iron, railway	40								40		40	0 40

CANAL STATISTICS.

No. (A) 11.—GENERAL STATEMENT showing the Quantity of each Article transported on the Trent Valley Canals, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
												\$ cts.	
Iron, pig													
do all other.	5								5		5	0 05	
Iron ore													
Kryolite, chemical ore and other ore, except iron													
Lard and lard oil													
Meal, all kinds													
Meats, other than pork													
Marble													
Manilla													
Molasses													
Nails													
Oats	8								8		8	0 34	
Oil (in barrels)													
Oil cake													
Pease	13								13		13	0 13	
Potatoes	16								16		16	0 16	
Pork													
Paint													
Pitch and tar													
Rags													
Rye													
Flax seed													
Rosin													
Salt													
Stone, intended for cutting													
do wrought													
do not suitable for cutting, unwrought													
Seeds, all kinds													
Sheep	1								1		1	0 01	
Soda ash													
Steel													
Sugar													
Spirits, beer, &c.													
Tobacco (raw)													

Tallow									
Tin									
Turpentine									
Wheat	49					49		49	0 49
White lead									
Whiting									
Wool									
All other goods and merchandise not enumerated	29	64				29	64	93	2 79
Bark	35					35		35	1 30
Barrels, empty									
Boat knees									
Floats	1,437	2,649				1,437	2,649	4,086	33 55
Firewood, in vessels	21,493	2,640				21,493	2,640	24,133	258 63
do rafts									
Hoops									
Hop poles									
Lumber, sawn, in vessels	1,162	211				1,162	211	1,373	29 64
do do rafts	84	350				84	350	434	7 50
Masts, spars, and telegraph poles, in vessels	350					350		350	3 50
do do rafts		100					100	100	1 00
Railway ties, in vessels	25					25		25	0 50
do rafts	108					108		108	4 25
Saw logs	4,378	72				4,378	72	4,450	39 71
Staves and headings, barrel									
do do pipe									
do do West India									
Staves, salt barrel									
Shingles	190	10				190	10	200	17 38
Split posts and fence rails, in vessels									
do do rafts									
Timber, square, in vessels									
do do rafts									
Traverses									
Woodenware and wood, partly manufactured									
Total freight paying tolls	29,586	6,555				29,586	6,555	36,141	408 26
Total tolls on vessels									538 41
do passengers									148 98
Other receipts									138 00
Total revenue exclusive of hydraulic rents									1,233 65

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, 15th October, 1898.

APPENDIX A—Continued.

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported on the Murray Canal, and the Amount of Revenue collected during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl												\$ cts.
Apples	415	216							415	216	631	12 15
Agricultural products not enumerated, vegetables	25	8							25	8	33	0 65
do do animal	182	9							182	9	191	3 63
Agricultural implements	6								6		6	0 15
Barley		65								65	65	1 22
Bricks	61		17						78		78	1 48
Bones												
Brimstone												
Buckwheat		70								70	70	1 32
Cement and water lime	185	365	18						203	365	568	10 70
Clay, lime and sand	19		4						23		23	0 45
Coal								125		125	125	2 35
Corn												
Cattle			6						6		6	0 12
Cotton (raw)	3								3		3	0 06
Crockery and earthenware		4								4	4	0 10
Dye wood and dye stuffs												
Fish	22	2	2						24	2	26	0 5
Flax and hemp												
Flour												
Furniture	212	23	3				6		215	29	244	6 37
Gypsum												
Glass (all kinds)	61	16	72						133	16	149	3 79
Hay (pressed)												
Hogs												
Horses	13	4							13	4	17	0 34
Hides and skins, horns and hoofs	15		11						27		27	0 52
Ice												
Iron, railway												

do pig.....			6					6		6	0 12
do all other.....	486	63	2					488	63	551	10 39
do ore.....											
Kryolite chemical ore and other ore, except iron.....											
Lard and lard oil.....	2	9						2	9	11	0 22
Meal, all kinds.....		16							16	16	0 30
Meats, other than pork.....											
Marble.....											
Manilla.....											
Molasses.....											
Nails.....	18		4					22		22	0 56
Oats.....	43							43		43	0 81
Oil (in barrels).....	74	168						74	168	242	6 09
Oil cake.....											
Pease.....	215	394						215	394	609	11 45
Potatoes.....	1	11						1	11	12	0 23
Pork.....	12	7						12	7	19	0 37
Paint.....	50	15						50	15	65	1 66
Pitch and tar.....											
Rags.....	3							3		3	0 08
Rye.....	98	242						98	242	340	6 40
Flax seed.....											
Rosin.....											
Salt.....	20	25	8				90	28	115	143	2 75
Stone, intended for cutting.....											
do wrought.....											
do not suitable for cutting, unwrought.....	53							53		53	0 53
Seeds, all kinds.....			25					25		25	0 47
Sheep.....											
Soda ash.....	70		26					96		96	2 41
Steel.....											
Sugar.....	620	2	30					650	2	652	16 38
Spirits, beer, &c.....	24	18	29					53	18	71	1 79
Tobacco (raw).....											
Tallow.....											
Tin.....	50	12	87					137	12	149	3 73
Turpentine.....		2							2	2	0 05
Wheat.....	45	198						45	198	243	4 58
White lead.....	1							1		1	0 03
Whiting.....	89							89		89	2 24
Wool.....											
All other goods and merchandise not enumerated ..	2,417	2,637	38				2	2,455	2,639	5,094	127 65
Bark.....											
Barrels, empty.....	4							4		4	0 10
Boat knees.....											
Floats.....											
Firewood, in vessels.....		300							300	300	2 50
do rafts.....											
Hoops.....											
Hop poles.....											

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported on the Murray Canal, and the Amount of Revenue collected during the Season of Navigation in 1897—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels.....	246	4	193						439	4	443	\$ 5 08
do rafts.....												
Masts, spars and telegraph poles, in vessels.....	10								10		10	0 07
do do rafts.....												
Railway ties, in vessels.....												
do rafts.....												
Saw-logs.....												
Staves and headings, barrel.....												
do pipe.....												
do West India.....												
Staves, salt barrel.....												
Shingles.....	26		5						31		31	0 54
Split posts and fence rails, in vessels.....												
do do rafts.....												
Timber, square, in vessels.....												
do rafts.....		1,620								1,620	1,620	20 25
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	5,897	6,525	586				223	6,483	6,748	13,231	275 75	
Total tolls on vessels.....												226 66
do passengers.....												152 60
Total revenue exclusive of hydraulic rents.....												655 01

APPENDIX A—Continued.

No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on the (Canadian) Sault Ste. Marie Canal, during the Season of Navigation in 1897.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Ashes, pot and pearl.....											
Apples.....	20								20		20
Agricultural products not enumerated, vegetables... do do do animal.....	4			1					4	1	5
Agricultural implements.....	1								1		1
Barley.....						15,991				15,991	15,991
Bricks.....					30				30		30
Bones.....											
Brimstone.....											
Buckwheat.....											
Cement and water lime.....	345				250				595		595
Clay, lime and sand.....		548		300	3				3	848	851
Coal (soft).....	1,719				345,352		40,476		387,547		387,547
do (hard).....					92,704		6,028		98,732		98,732
Corn.....						7,213				7,213	7,213
Cattle.....	2								2		2
Cotton (raw).....											
Crockery and earthenware.....											
Dye wood and dye stuffs.....											
Fish.....		333		185		21				552	552
Flax and hemp.....											
Flour.....	1	22,445				87,032		12,048	1	121,525	121,526
Furniture.....			10						10		10
Gypsum.....											
(Glass (all kinds).....	46		18						64		64
Hay (pressed).....	230								230		230
Hogs.....											
Horses.....	20	77		2				1	20	80	100
Hides and skins, horns and hoofs.....		2			110				110	2	112
Ice.....											
Iron, railway.....	109						13,320		13,429		13,429
do pig.....						2,647				2,647	2,647

No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on the (Canadian) Sault Ste. Marie Canal, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Iron, all other	148				1,851	30	437		2,436	30	3,466
do ore						3,572,854				3,572,854	3,572,854
Copper ore						12,717				12,717	12,717
Kryolite, chemical ore and other ore, except iron						4,030				4,030	4,030
Lard and lard oil						21,609				21,609	21,609
Meal, all kinds											
Meats, other than pork	4								4		4
Marble			6						6		6
Manilla	282								282		282
Molasses	3								3		3
Nails	277		20		785				1,082		1,082
Oats	85	616		1,241		13,335			85	15,192	15,277
Oil (in barrels)	1		174		30		437		642		642
Oil cake		20				120		97		237	237
Pease											
Potatoes											
Pork											
Paint	37								37		37
Pitch and tar	20								20		20
Rags											
Rye						5,698				5,698	5,698
Flax seed		17				28,209		2,469		30,695	30,695
Rosin	39								39		39
Salt	290		86		2,602				2,978		2,978
Stone, intended for cutting					2,073				2,073		2,073
do wrought		270			2,149				2,149	270	2,419
do not suitable for cutting, unwrought.											
Seeds, all kinds	3								3		3
Sheep											
Soda ash	13								13		13
Steel	13								13		13
Sugar	407		49		1,144				1,600		1,600
Spirits, beer, &c.	244		40						284		284
Tobacco (raw)											

Tallow											
Tin	60								60		60
Turpentine											
Wheat		154,902		119,003		231,180		32,690		537,775	537,775
White lead	12								12		12
Whiting	31								31		31
Wool						216				216	216
All other goods and merchandise not enumerated	11,076	127	434	48	7,855	50		68	19,365	293	19,658
Bark											
Barrels, empty											
Boat knees											
Floats											
Firewood, in vessels	1,850	2,450		1,100				548	1,850	4,098	5,948
do rafts	3,570	80			600		13,550		17,720	80	17,800
Hoops											
Hop poles											
Lumber, sawn, in vessels	207	962	52		9	10,648		1,137	268	12,747	13,015
do rafts											
Masts, spars and telegraph poles, in vessels											
do do rafts											
Railway ties, in vessels											
do rafts											
Saw logs	338	3,613		159	93	214			431	3,986	4,417
Staves and headings, barrel			3,776		25				3,801		3,801
do pipe											
do West India											
Staves, salt barrel	324		1,760		518				2,602		2,602
Shingles		85				878		83		1,046	1,046
Split posts, and fence rails in vessels											
do do rafts											
Timber, square, in vessels	474							13,460	474	13,460	13,934
do rafts											
Traverses											
Woodenware and wood partly manufactured	10								10		10
Total	22,315	186,547	6,425	122,039	458,183	4,014,692	74,248	62,614	561,171	4,385,892	4,947,063

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, 15th October, 1898.

APPENDIX

No. (A) 14.—STATEMENT of Traffic on the undermentioned Canals, and

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian vessels, steam.....	410,626	4,722 21	689,155	4,544 43	79,514	252 66
United States vessels, steam.....	770,093	11,551 91	22,102	124 88	645	5 22
Canadian vessels, sail.....	178,501	3,716 21	1,424,894	16,605 54	35,771	492 71
United States vessels, sail.....	173,041	3,902 57	106,666	1,152 47	206,657	2,590 64
Total, class No. 1.....	1,532,261	23,892 90	2,242,317	22,427 32	322,587	3,341 23
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	36,402	400 80	54,113	2,521 52	4,286	71 02
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	1,651	322 20	6,839	340 04	762	55 41
Brimstone.....			768	64 81		
Cement and water lime.....	415	40 11	7,215	639 35	3,789	269 24
Clay, lime and sand.....	718	99 85	24,706	1,054 02	3,728	464 78
Fish.....	55	8 25	137	10 23		
Gypsum.....			1,100	13 86		
Iron, railway.....	7,206	1,441 20	381	36 76		
do pig.....	2,852	566 05	1,807	217 41		
do all other.....	14,160	2,755 04	10,264	826 18	1,494	149 40
Salt.....	227	44 00	2,991	343 64	465	36 33
Steel.....	5,060	1,011 75	1,706	156 84	52	5 20
Stone, for cutting.....	330	66 00	496	35 92	146	14 60
Apples.....	242	7 93	3,789	557 68	292	20 39
Barley.....	14,173	1,417 30	4,880	386 33		
Buckwheat.....			6,537	243 71		
Corn.....	390,615	39,061 50	4,958	401 00		
Cotton, raw.....			6	0 45		
Flax and hemp.....	1,041	156 15	67	6 70		
Flour.....	9,065	1,709 90	2,922	286 78	552	18 63
Hay, pressed.....	301	60 20	600	33 93	3,132	142 58
Meals, all kinds.....	42,343	8,468 60	565	42 58		
Oil cake.....			40	3 01		
Oats.....	25,161	2,520 77	51,322	2,020 52	2,666	99 82
Pease.....	2,082	208 25	36,913	1,748 60	6	0 21
Potatoes.....	7	0 53	20	1 46	15	1 50
Rye.....	8,483	848 30	14,397	750 96		
Flax seed.....	3,464	346 50				
Seeds, all kinds.....	322	63 25	1,229	95 58		
Tobacco, raw.....	51	10 20				
Wheat.....	324,743	32,449 39	44,439	1,960 56		
All other agricultural products, vegetable.....	56	9 48	1,378	194 37		
Bones.....			264	21 60	192	19 20
Cattle.....	4	0 10	330	22 99	183	6 37
Hogs.....			4	0 31		
Hides and skins, horns and hoofs.....	36	6 55	14	2 10		
Horses.....	45	2 86	532	30 94	105	3 80
Lard and lard oil.....	1,444	288 80	200	25 48		
Meats, other than pork.....	3	0 45	5	0 45		
Pork.....	245	48 90	372	37 83		
Sheep.....			199	14 98	117	4 13
Tallow.....	285	42 75	47	6 05		
Wool.....	197	39 40	31	4 65		
All other agricultural products, animal.....			3,754	464 92		
Total, class No. 3.....	857,082	94,122 51	238,224	13,105 58	17,696	1,311 59

A.—Continued.

the Amount of Tolls collected during the Season of Navigation in 1897.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
181,319	192 65	140,205	606 62	105,680	739 58	30,928	618 56	57,830	360 96
188	2 00			646	12 41	587	11 74		
5,638	27 13	145,541	2,057 01	33,259	492 73	73,722	1,478 05	48,654	177 45
367	4 88	14,302	331 53	11,838	265 73	3,271	65 42		
187,512	226 66	300,048	2,995 16	151,423	1,510 45	108,508	2,173 77	106,484	538 41
No.		No.		No.		No.		No.	
12,864	152 60	10,872	135 83	4,908	94 29			22,492	148 98
Tons.		Tons.		Tons.		Tons.		Tons.	
78	1 48			985	39 72	129	1 29	459	4 61
568	10 70	158	3 78	535	13 88	134	1 34	6	0 15
23	0 45	3,765	93 53	7,157	167 29	1,376	13 76	11	0 12
26	0 52			39	0 96	1,897	18 97		
						713	7 13		
6	0 12	1	0 06	13	0 60	60	0 60	40	0 40
551	10 39	24	1 55	644	17 32	114	1 14	5	0 05
143	2 75			1,732	47 84	552	5 52		
				29	0 82	7	0 07		
				141	4 70	600	6 00		
631	12 15	43	3 39	88	2 13	115	1 15	2	0 02
65	1 22	5	0 36	6	0 14	39	0 39		
70	1 32	189	18 32	153	7 00				
3	0 06			155	3 86	25	0 25		
		7	0 58	518	13 21	2,846	28 46	20	0 47
		272	26 03	88	2 10	1,595	15 95	2	0 26
16	0 30	13	0 82	38	0 93	1,039	10 39		
43	0 81	1,623	142 18	448	17 68	1,256	12 56	8	0 34
609	11 45	225	18 33	18	0 84	64	0 64	13	6 13
12	0 23	136	8 58	6	0 21	1,316	13 16	16	0 16
340	6 40	8	0 79	5	0 19				
25	0 47								
				3	0 07	9	0 09		
243	4 58			625	14 60	68	0 68	49	0 49
33	0 65	19	1 26	9	0 23	256	2 56		
		13	0 98	2	0 10				
6	0 12	628	48 22	3	0 09	11	0 11	34	0 42
		107	8 42			6	0 06	87	0 87
27	0 52	6	0 58	8	0 24				
17	0 34	159	6 81	14	0 42	5	0 05	1	0 01
11	0 22			27	0 65	35	0 35		
		2	0 04	1	0 03	73	0 73		
19	0 37	7	0 38	199	4 90	103	1 03		
		326	28 28	3	0 07			1	0 01
		4	0 36			3	0 03		
				5	0 13				
191	3 63	1,855	166 44	337	10 52				
3,756	71 25	9,595	580 07	14,034	373 47	14,446	144 46	754	8 51

No. (A) 14.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>		\$ cts.		\$ cts.		\$ cts.
Ashes, pot and pearl.....	133	26 60	31	6 20		
Agricultural implements.....	1	0 15	61	8 26		
Crockery and earthenware.....	144	21 60	91	16 65	5	0 50
Dye wood and dye stuffs.....			54	6 15	16	1 60
Furniture.....	16	2 80	1,321	202 83		
Glass, all kinds.....	109	19 45	1,726	338 18		
Marble.....			2	0 20		
Manilla.....	1	0 15	14	2 80		
Molasses.....	92	14 25	2,204	145 23		
Nails.....	46	5 20	1,439	195 46		
Oil, in barrels.....	462	87 35	938	154 74	51	4 94
Paint.....	9	0 83	424	58 04		
Pitch and tar.....	1	0 15	280	25 46	455	45 50
Rags.....			261	38 38		
Rosin.....			2,096	127 54	2,163	216 30
Soda ash.....			930	178 81	288	19 20
Sugar.....	5,793	864 47	4,862	934 05	2,240	224 00
Stone, wrought.....			496	28 55		
Tin.....	18	2 70	1,272	251 65		
Turpentine.....			82	4 15	63	6 30
White lead.....			114	22 44		
Whiting.....			427	85 15		
Whisky and all other spirits.....	148	24 50	487	81 99		
Merchandise, not enumerated.....	47,222	6,937 73	11,218	1,694 68	13,996	1,030 74
Total, class No. 4.....	54,195	8,007 93	30,830	4,607 59	19,277	1,549 08
<i>Class No. 5.</i>						
Bark.....						
Barrels, empty.....	21	3 98	123	12 24	1	0 12
Boat knees.....						
Floats.....			2,395	41 97		
Firewood, in vessels.....	15,027	607 41	11,798	214 26	181,114	6,012 58
do rafts.....			102	2 13		
Lumber sawn, in vessels.....	72,270	12,940 30	31,072	1,306 01	53,838	3,149 53
do do rafts.....			663	29 79		
Hoops.....	265	66 25				
Railway ties, in vessels.....	999	159 61	35	0 69	2,599	207 62
do do rafts.....						
Masts, spars and telegraph poles, in vessels.....	403	60 45				
Masts, spars and telegraph poles, in rafts.....	14	2 58	14,921	372 20		
Square timber, in vessels.....	83,365	12,497 99	1,670	44 13		
do do rafts.....	47	1 32	6,023	203 95		
Woodenware and wood partly manufactured.....	26	10 40	66	21 40		
Shingles.....			10	2 17	67	25 43
Split posts and fence rails, in vessels.....	4	1 60	2	0 20	35	0 47
do do rafts.....						
Saw logs.....	4,532	163 15	15,189	347 12		
Staves and headings, barrel.....						
do do pipe.....						
do do West India.....						
do do salt barrel.....	4,891	226 26				
Traverses.....			2,319	14 40		
Hop poles.....			17	1 00		
Total, class No. 5.....	181,864	26,741 30	86,405	2,613 66	237,654	9,395 75

Canals, and the Amount of Tolls collected, &c.—Continued.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
		6	1 05	4	0 70				
6	0 15	11	1 55	72	6 55	13	0 13		
4	0 10	4	0 76	52	4 67	56	0 56		
244	6 37	22	2 95	35	3 14	62	0 62		
149	3 79	1	0 28	29	2 59	45	0 45		
						532	5 32		
				37	3 22	42	0 42		
				95	8 32	264	2 64		
22	0 56			102	10 85	64	0 64		
242	6 09	15	1 89	208	19 08	226	2 26		
65	1 66			17	1 61	45	0 45		
		24	4 10	18	1 60	6	0 06		
3	0 08	71	12 74	15	1 94				
				1	0 09				
96	2 41	2	0 20	1	0 09				
652	16 38	1	0 10	470	43 38	225	2 25		
				1	0 09				
149	3 73			12	1 26	54	0 54		
2	0 05								
1	0 03			19	2 07				
89	2 24			1	0 09				
71	1 79			70	6 21	278	2 78		
5,094	127 65	498	76 59	1,159	108 66	951	9 51	93	2 79
6,889	173 08	655	102 21	2,418	226 21	2,863	28 63	93	2 79
				25	0 59	4	0 04	35	1 30
4	0 10	63	8 06	15	0 90	132	1 32		
		36,350	315 73	820	14 35			4,086	33 55
300	2 50	27,477	1,003 41	10,910	194 50	353	3 53	24,133	258 63
		270	2 80						
443	5 08	390,063	27,858 46	32,029	2,892 05	5,434	54 34	1,373	29 64
		60	1 08					434	7 50
		3	0 41						
		4,301	361 14	1,599	171 14			25	0 50
		2,175	116 66	550	56 20			108	4 25
10	0 07			55	2 81	31	0 31	350	3 50
								100	1 00
		1,000	16 38			69	0 69		
1,620	2,025	5,500	57 75						
		1	0 13	23	3 21	12	0 12		
31	0 54	132	105 05	117	24 32	333	3 33	200	17 38
				3	0 23				
		4	0 23						
		15,678	358 32	464	10 54			4,450	39 71
		40	0 10	440	2 79				
				18	2 50				
2,408	28 54	492,117	30,205 71	47,048	3,376 13	6,392	63 92	35,294	396 96

No. (A) 14.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.		\$ cts.
<i>Special Class.</i>						
Coal	176,226	35,244 68	176,197	25,422 32	77,374	7,626 36
Kryolite or chemical ore						
Iron ore						
Stone, unwrought, not suitable for cutting	383	22 05	1,018	20 10	135	13 50
Ice						
Total special class	176,609	35,266 73	177,215	25,442 42	77,509	7,639 86
Total freight and tolls	1,269,750	188,432 17	532,674	70,718 09	352,136	23,308 53
Timber and other wood, free			8,280	489 50		
Wheat, corn, flour, iron, salt, coal, etc., free	4,542	681 30	690,411	64,410 08		
Grand totals, passengers and tonnage of vessels not included	1,274,292	189,113 47	1,231,365	135,617 67	352,136	23,308 53

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

Canals and the Amount of Tolls collected, &c.—*Concluded.*

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
125	2 35			13,162	539 43	36,027	360 27		
		266	13 30	37	0 99				
53	0 53			444	10 38	7,365	73 65		
178	2 88	266	13 30	13,643	550 80	43,392	433 92		
13,231	655 01	502,633	34,032 28	77,143	6,131 35	67,093	2,844 70	36,141	1,095 65
		59,737	737 32						
				133	3 55				
13,231	655 01	562,370	34,769 60	77,276	6,134 90	67,093	2,844 70	36,141	1,095 65

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX

No. (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned Canals during of each description of property passed through,

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
Vessels of all kinds.....	1,532,261	\$ 23,892 90	2,242,317	\$ 22,427 32	322,587	\$ 3,341 23
Passengers.....	No. 36,402	400 80	No. 54,113	2,521 52	No. 4,286	71 02
<i>Forest, Produce of the Wood.</i>						
	Tons.		Tons.		Tons.	
Bark.....						
Boat knees.....			2,395	41 97		
Floats.....						
do.....Free	15,027	607 41	11,900	216 39	181,114	6,012 58
Firewood.....	265	66 25	17	1 00		
Hoops and hop poles.....			257			
do.....Free	72,270	12,940 30	31,735	1,335 80	53,838	3,149 53
Lumber, sawed.....			1,061			
do.....Free	417	63 03	14,921	372 20		
Masts, spars, &c.....						
do.....Free	999	159 61	35	0 69	2,599	207 62
Railway ties.....			457			
do.....Free	4,532	163 15	15,189	347 12		
Saw logs.....						
do.....Free	4,891	226 26				
Staves, all kinds.....						
do.....Free			4,716			
Shingles.....			10	2 17	67	25 43
Split posts and rails.....	4	1 60	2	0 20	35	0 47
do.....Free			1			
Timber, square.....	83,412	12,499 31	7,693	248 08		
do.....Free			1,788			
Traverses.....			2,319	14 40		
Total.....	181,817	26,726 92	94,496	2,580 02	237,653	9,395 63
<i>Farm Stock.</i>						
Cattle.....	4	0 10	330	22 99	183	6 37
Hogs.....			4	0 31		
Horses.....	45	2 86	532	30 94	105	3 80
do.....Free			1			
Sheep.....			199	14 98	117	4 13
Total.....	49	2 96	1,066	69 22	405	14 30
<i>Produce of Animals.</i>						
Bones.....			264	21 60	192	19 20
Horns and hoofs, hides and skins, raw.....	36	6 55	14	2 10		
Lard and lard oil.....	1,444	288 80	200	25 48		
Meats other than pork.....	3	0 45	5	0 45		
Pork.....	245	48 90	372	37 83		
Tallow.....	285	42 75	47	6 05		
Wool.....	197	39 40	31	4 65		
Agricultural products not enumerated, animal.....			3,754	464 92		
Total.....	2,210	426 85	4,687	563 08	192	19 20

A—Continued.

the Season of Navigation ended 31st December, 1897, showing the Total Quantity and the Amount of Tolls collected thereon.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
187,512	226 66	300,048	2,995 16	151,423	1,510 45	108,508	2,173 77	106,484	538 41
No. 12,864	152 60	No. 10,872	135 83	No. 4,908	94 29	No. .....	.....	No. 22,492	148 98
Tons.		Tons.		Tons.		Tons.		Tons.	
.....		.....		25	0 59	4	0 04	35	1 30
.....		36,350	315 73	920	14 35	.....	.....	4,086	33 55
.....		17,480	.....	.....	.....	.....	.....	.....	.....
300	2 50	27,747	1,006 21	10,910	194 50	353	3 53	24,133	258 63
.....		3	0 41	18	2 50	24	0 24	.....	.....
443	5 08	399,123	27,859 54	32,029	2,892 05	5,434	54 34	1,807	37 14
.....		460	.....	.....	.....	.....	.....	.....	.....
10	0 07	.....	.....	0 55	2 81	31	0 31	450	4 50
.....		600	.....	.....	.....	.....	.....	.....	.....
.....		6,476	477 80	2,129	227 34	.....	.....	133	4 75
.....		3,313	.....	.....	.....	.....	.....	.....	.....
.....		15,678	358 32	464	10 54	.....	.....	4,450	39 71
.....		27,800	.....	.....	.....	.....	.....	.....	.....
.....	
31	0 54	132	105 05	117	24 32	333	3 33	200	17 38
.....		4	0 23	3	0 23	.....	.....	.....	.....
.....		4	.....	.....	.....	.....	.....	.....	.....
1,620	20 25	6,500	74 13	.....	.....	69	0 69	.....	.....
.....		10,080	.....	.....	.....	.....	.....	.....	.....
.....		40	0 10	440	2 79	.....	.....	.....	.....
.....	
2,404	28 44	551,790	30,197 52	47,010	3,372 02	6,248	62 48	35,294	396 96
.....	
6	0 12	628	48 22	3	0 09	11	0 11	34	0 42
.....		107	8 42	.....	.....	6	0 06	87	0 87
17	0 34	159	6 81	14	0 42	5	0 05	1	0 01
.....	
.....		326	28 28	3	0 07	.....	.....	1	0 01
.....	
23	0 46	1,220	91 73	20	0 58	22	0 22	123	1 31
.....	
.....		13	0 98	2	0 10	.....	.....	.....	.....
27	0 52	6	0 58	8	0 24	.....	.....	.....	.....
11	0 22	.....	.....	27	0 65	35	0 35	.....	.....
.....		2	0 04	1	0 03	73	0 73	.....	.....
19	0 37	7	0 38	199	4 90	103	1 03	.....	.....
.....		4	0 36	.....	.....	3	0 03	.....	.....
.....		.....	.....	5	0 13	.....	.....	.....	.....
191	3 63	1,855	166 44	337	10 52	.....	.....	.....	.....
248	4 74	1,887	168 78	579	16 57	214	2 14	.....	.....

APPENDX

No. (A) 15.—SUMMARY STATEMENT of Traffic on the Undermentioned

Articles.	Welland Canal.		St. Lawrence Canal.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Agricultural Products.</i>						
		\$		\$		
		cts.		cts.		
Agricultural products not enumerated,						
do do vegetable	56	9 48	1,378	194 37		
do do Free	4					
Apples	242	7 93	3,789	557 68	292	20 39
Barley	14,173	1,417 30	4,880	386 33		
Buckwheat			6,537	243 71		
Cotton, raw			6	0 45		
Corn	390,615	39,061 50	4,958	401 00		
do Free			267,583			
Flax and hemp	1,041	156 15	67	6 70		
Flaxseed	3,464	346 50				
do Free			3,293			
Flour	9,065	1,709 90	2,922	286 78	552	18 63
do Free			1,029			
Hay, pressed	301	60 20	600	33 93	3,132	142 58
Meals, all kinds	42,343	8,468 60	565	42 58		
Manilla	1	0 15	14	2 80		
Oats	25,161	2,520 77	51,322	2,020 52	2,666	99 82
do Free			6,847			
Pease	2,082	208 25	36,913	1,748 60	6	0 21
do Free			2,078			
Potatoes	7	0 53	20	1 46	15	1 50
Rye	8,483	848 30	14,397	750 96		
do Free			8,435			
Seeds, all other	322	63 25	1,229	95 58		
do Free	121					
Tobacco, raw	51	10 20				
do Free			51			
Wheat	324,743	32,449 39	44,439	1,960 56		
do Free			278,498			
Total	822,275	87,338 40	741,850	8,734 01	6,663	283 13
<i>Manufactures.</i>						
Ashes, pot and pearl	133	26 60	31	6 20		
do Free	1		133			
Agricultural implements	1	0 15	61	8 26		
Barrels, empty	21	3 98	123	12 24	1	0 12
Bricks	1,651	322 20	6,839	340 04	762	55 41
do Free	70					
Cement and water lime	415	40 11	7,215	639 35	3,789	269 24
do Free	837		2,127			
Crockery and earthenware	144	21 60	91	16 65	5	0 50
do Free	4					
Furniture	16	2 80	1,321	202 83		
do Free	2		1			
Glass, all kinds	109	19 45	1,726	338 18		
do Free	799		53			
Iron, railway	7,206	1,441 20	381	36 76		
Iron, pig	2,852	566 05	1,807	217 41		
do Free	6					
do all other	14,160	2,755 04	10,264	826 18	1,494	149 40
do do Free	559		7,564			
Molasses	92	14 25	2,204	145 23		
do Free			9			
Nails	46	5 20	1,439	195 46		
do Free	129					
Oil	462	87 35	938	154 74	51	4 94
do Free	12		112			
Oil cake			40	3 01		

No. (A) 15.—SUMMARY STATEMENT of Traffic on the Undermentioned Canals

Articles.	Welland Canal.		St. Lawrence Canals.		Chamby Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Manufactures—Concluded.</i>						
		\$ cts.		\$ cts.		\$ cts.
Paint	9	0 83	424	58 04		
do	Free	20				
Pitch and tar	1	0 15	280	25 46	455	45 50
do	Free	20				
Rosin			2,096	127 54	2,163	216 30
Soda ash			930	178 81	288	19 20
do	Free	249				
Spirits, whisky, &c.	148	24 50	487	81 99		
do	Free	93		46		
Steel	5,060	1,011 75	1,706	156 84	52	5 20
do	Free		375			
Sugar	5,793	864 47	4,862	934 05	2,240	224 00
do	Free	311				
Tin	18	2 70	1,272	251 65		
do	Free	359				
Turpentine			82	4 15	63	6 30
White lead			114	22 44		
do	Free	5				
Whiting			427	85 15		
do	Free	104				
Woodenware	26	10 40	66	21 40		
Total	41,943	7,220 78	57,646	5,090 06	11,363	996 11
<i>Merchandise.</i>						
Brimstone (crude)			768	64 81		
Clay, lime and sand	718	99 85	24,706	1,054 02	3,728	464 78
do	Free	4	198			
Coal	176,226	35,244 68	176,197	25,422 32	77,374	7,626 36
do	Free		96,722			
Dye wood and dye stuffs			54	6 15	16	1 60
Fish	55	8 25	137	10 23		
do	Free	10				
Gypsum			1,100	13 86		
Ores (all kinds)						
Marble			2	0 20		
Rags			261	38 38		
Salt	227	44 00	2,991	343 64	465	36 33
do	Free	25	216			
Stone (all kinds)	713	88 05	2,010	84 57	281	28 10
do	Free	87	13,704			
All other goods and merchandise (not enumerated)	47,222	6,937 73	11,218	1,694 68	13,996	1,030 74
do	Free	711	1,336			
Total	225,998	42,422 56	331,620	28,732 86	95,860	9,187 91
Grand totals (passengers and tonnage of vessels not included)	1,274,292	188,432 17	1,231,365	70,718 09	352,136	23,308 53

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 15th October, 1898.

and the amount of Tolls collected, &c.—*Concluded.*

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canal.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
65	1 66			17	1 61	45	0 45		
		24	4 10	18	1 60	6	0 06		
				1	0 09				
96	2 41	2	0 20	1	0 09				
71	1 79			70	6 21	278	2 78		
				29	0 82	7	0 07		
652	16 38	1	0 10	470	43 38	225	2 25		
149	3 73			12	1 26	54	0 54		
2	0 05								
1	0 03			19	2 07				
89	2 24			1	0 09				
		1	0 13	23	3 21	12	0 12		
2,999	68 14	333	26 46	3,450	188 75	1,926	19 26	510	5 21
23	0 45	3,765	93 53	7,157	167 29	1,376	13 76	11	0 12
125	2 35			13,162	539 43	36,027	360 27		
				133					
26	0 52			39	0 96	1,897	18 97		
						713	7 13		
		266	13 30	37	0 99	532	5 32		
3	0 08	71	12 74	15	1 94				
143	2 75			1,732	47 84	552	5 52		
53	0 53			586	15 17	7,965	79 65		
5,094	127 65	498	76 59	1,159	108 66	951	9 51	93	2 79
5,467	134 33	4,600	196 16	24,020	882 28	50,013	500 13	104	2 91
13,231	655 01	562,370	34,032 28	77,276	6,131 35	67,093	2,844 70	36,141	1,095 65

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 16.—STATEMENT showing the amount of Tolls accrued each month during the Season of Navigation ended 31st December, 1897.

Canals and Offices.	January	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
WELLAND CANAL.												
Chippawa.....				4 78	13 39	10 84	1 25	6 68	11 96	8 69		57 59
Colborne.....			6,776 65	17,506 94	14,726 21	21,857 75	19,739 73	21,775 21	17,660 46	11,012 86	3,773 29	134,829 10
Dalhousie.....		5 32	2,376 29	3,070 03	5,696 83	5,813 66	6,798 91	9,136 71	8,940 77	9,956 23	674 43	52,469 18
Dunnville.....				12 92	61 17	74 15	71 71	23 17	5 51	62 13	4 70	315 46
Maitland.....				27 94								27 94
St. Catharines.....		6 46	64 58	56 92	99 91	141 50	110 62	116 55	58 50	77 86		732 90
Total Welland Canal.....		11 78	9,217 52	20,679 53	20,597 51	27,897 90	26,722 22	31,058 32	26,677 20	21,117 77	4,452 42	188,432 17
ST. LAWRENCE CANALS.												
Beauharnois.....				53 15	111 44	71 56	65 20	146 93	64 64	36 66		549 58
Cardinal.....			2 51	67 12	61 88	117 90	55 11	60 29	12 45	44 09	26 00	447 35
Cornwall.....				5,205 77	4,818 64	3,813 90	4,402 44	4,331 34	4,096 48	4,372 72	148 63	31,189 92
Kingston.....			356 11	1,240 53	643 62	1,119 18	916 27	1,396 04	1,780 70	2,016 75		9,469 20
Lachine.....				263 83	402 52	445 59	581 17	695 03	289 59	170 34		2,848 07
Montreal.....				3,567 11	3,632 50	4,390 57	4,289 50	3,572 06	3,470 11	3,282 00	10 12	26,213 97
Total St. Lawrence Canals.....			358 62	10,397 51	9,670 60	9,958 70	10,309 69	10,201 69	9,713 97	9,922 56	184 75	70,718 09
CHAMBLY CANAL.												
Chambly.....				1,245 80	2,624 09	2,142 61	1,851 85	1,698 54	1,176 17	844 61		11,583 67
St. John.....				2,681 99	1,493 62	1,784 02	1,438 50	1,405 57	1,326 91	1,003 51		11,134 12
St. Ours.....			18 07	67 21	62 12	109 05	68 11	70 82	103 58	91 78		590 74
Total Chambly Canal.....			18 07	3,995 00	4,179 83	4,035 68	3,358 46	3,174 93	2,606 66	1,939 90		23,308 53

OTTAWA CANALS.												
Ottawa			1,046 21	5,202 95	6,525 55	5,165 35	3,792 32	2,988 64	2,114 72	2,013 70		28,849 44
Carillon			0 50	4 60	866 64	463 83	6 68	6 79	4 99	11 75		1,365 78
Grenville			47 19	357 59	279 90	151 20	552 34	496 94	389 32	522 13		2,796 61
Ste. Anne's			5 38	96 53	174 44	179 20	214 84	196 35	98 19	55 52		1,020 45
Total Ottawa Canals			1,099 28	5,661 67	7,846 53	5,959 58	4,566 18	3,688 72	2,607 22	2,603 10		34,032 28
RIDEAU CANAL.												
Kingston Mills				123 34	203 81	238 60	225 39	157 63	76 16	25 50		1,050 43
Ottawa				299 51	556 94	919 87	1,058 06	751 16	749 37	162 00		4,496 91
Smith's Falls				65 06	85 01	117 25	106 82	103 44	60 48	45 95		584 01
Total Rideau Canal				487 91	845 76	1,275 72	1,390 27	1,012 23	886 01	233 45		6,131 35
ST. PETER'S CANAL.												
St. Peter's	0 78	5 18	30 44	215 57	391 63	422 98	361 49	468 54	423 10	335 21	189 78	2,844 70
TRENT VALLEY CANALS.												
Bobcaygeon		0 25	1 50	20 11	63 75	92 04	76 46	77 40	71 27	26 01		428 79
Buckhorn				5 50	3 60	6 70	16 60	19 50	33 90	4 75		90 55
Burleigh				4 89	10 02	8 60	11 45	4 71	3 35	1 50		44 52
Fenelon Falls				5 50	8 12	41 83	45 78	24 48	17 00	5 52		148 23
Hastings				2 75	3 50	9 65	5 25	5 25	20 75	10 90		58 05
Peterborough			6 72	25 94	41 68	85 48	66 44	55 99	29 34	13 92		325 51
Total Trent Valley Canals		0 25	8 22	64 69	130 67	244 30	221 98	187 33	175 61	62 60		1,095 65
MURRAY CANAL.												
Brighton			1 79	71 81	73 30	115 15	148 52	93 79	79 97	70 68		655 01
Grand total	0 78	17 21	10,733 94	41,573 69	43,735 83	49,910 01	47,078 81	49,885 55	43,169 74	36,285 27	4,826 95	327,217 78

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, 16th October, 1897.

APPENDIX A—Continued.

No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through all the Canals during the Season of Navigation ended the 31st December, 1897, and the amount of Tolls collected thereon.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
WELLAND CANAL.													
Canadian vessels, steam	1,062	124,285	130,917	78,485	651	.....	.....	2,619	73,669	205,389	205,237	410,626	4,722 21
do sail	526	44,271	41,503	43,984	1,087	.....	.....	193	47,463	88,448	90,053	178,501	3,716 21
Total Canadian	1,588	168,556	172,420	122,469	1,738	.....	.....	2,812	121,132	293,837	295,290	589,127	8,438 42
United States vessels, steam	849	2	146	98,434	115	288,424	242,840	375	139,757	387,235	382,858	770,093	11,551 91
do sail	288	1,104	.....	41,030	156	44,672	29,217	2	56,860	86,808	86,233	173,041	3,902 57
Total United States	1,137	1,106	146	139,464	271	333,096	272,057	377	196,617	474,043	469,091	943,134	15,454 48
Grand total, Welland Canal	2,725	169,662	172,566	261,933	2,009	333,096	272,057	3,189	317,749	767,880	764,381	1,532,261	23,892 90
ST. LAWRENCE CANALS.													
Canadian vessels, steam	4,028	356,104	293,567	18,013	.....	.....	.....	.....	21,471	374,117	315,038	689,155	4,544 43
do sail	6,092	729,833	516,276	49,722	523	.....	.....	.....	128,040	779,555	644,839	1,424,394	16,605 54
Total Canadian	10,120	1,085,937	809,843	67,735	523	.....	.....	.....	149,511	1,153,672	959,877	2,113,549	21,149 97
United States vessels, steam	413	439	1,537	3,792	127	5,537	5,044	1,721	3,905	11,489	10,613	22,102	124 88
do sail	604	2,300	12,436	32,769	1,102	293	237	23,717	33,812	59,079	47,587	106,666	1,152 47
Total United States	1,017	2,739	13,973	36,561	1,229	5,830	5,281	25,438	37,717	70,568	58,200	128,768	1,277 35
Grand total, St. Lawrence Canals.	11,137	1,088,676	823,816	104,296	1,752	5,830	5,281	25,438	187,228	1,224,240	1,018,077	2,242,317	22,427 32
CHAMBLY CANAL.													
Canadian vessels, steam	480	37,969	41,219	102	.....	.....	.....	.....	224	38,071	41,443	79,514	252 66
do sail	476	6,460	8,731	7,904	.....	.....	.....	.....	12,676	14,364	21,407	35,771	492 71
Total Canadian	956	44,429	49,950	8,006	.....	.....	.....	.....	12,900	52,435	62,850	115,285	745 37

United States vessels, steam.....	16			345	7		7	286	345	300	645	5 22	
do sail.....	2,127	2,035	2,366	91,166				111,090	93,201	113,456	206,657	2,590 64	
Total United States.....	2,143	2,035	2,366	91,511	7		7	111,376	93,546	113,756	207,302	2,595 86	
Grand total, Chambly Canal.....	3,099	46,464	52,316	99,517	7		7	124,276	145,981	176,606	322,587	3,341 23	
OTTAWA CANALS.													
Canadian vessels, steam.....	905	42,934	97,037		234				42,934	97,271	140,205	606 62	
do sail.....	1,148	3,724	133,082		8,735				3,724	141,817	145,541	2,057 01	
Total Canadian.....	2,053	46,658	230,119		8,969				46,658	239,088	285,746	2,663 63	
United States vessels, steam.....													
do sail.....	145	2,489	159		11,150			504	2,993	11,309	14,302	331 53	
Total United States.....	145	2,489	159		11,150			504	2,993	11,309	14,302	331 53	
Grand total, Ottawa Canals.....	2,198	49,147	230,278		20,119			504	49,651	250,397	300,048	2,995 16	
RIDEAU CANAL.													
Canadian vessels, steam.....	1,721	51,102	51,565	1,012	148			222	1,631	52,336	53,344	105,680	739 58
do sail.....	647	14,738	14,785	1,601				2,135	16,339	16,920	33,259	492 73	
Total Canadian.....	2,368	65,840	66,350	2,613	148			222	3,766	68,675	70,264	138,939	1,232 31
United States vessels, steam.....	47	47	29	194				376	241	405	646	12 41	
do sail.....	138	2,766	1,069	1,571	4,882			1,550	4,337	7,501	11,838	265 73	
Total United States.....	185	2,813	1,098	1,765	4,882			1,926	4,578	7,906	12,484	278 14	
Grand total, Rideau Canal.....	2,553	68,653	67,448	4,378	5,030			222	5,692	73,253	78,170	151,423	1,510 45
ST. PETER'S CANAL.													
Canadian vessels, steam.....	154	18,691	12,237						18,691	12,237	30,928	618 56	
do sail.....	1,470	37,497	36,225						37,497	36,225	73,722	1,478 05	
Total Canadian.....	1,624	56,188	48,462						56,188	48,462	104,650	2,096 61	
United States vessels, steam.....	2	93	494						93	494	587	11 74	
do sail.....	7	3,271							3,271		3,271	65 42	
Total United States.....	9	3,364	494						3,364	494	3,858	77 16	
Grand total, St. Peter's Canal.....	1,633	59,552	48,956						59,552	48,956	108,508	2,173 77	

No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—Continued.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
TRENT VALLEY CANALS.													\$	cts.
Canadian vessels, steam.....	1,348	29,139	28,691							29,139	28,691	57,830	360 96	
do sail.....	787	23,836	24,818							23,836	24,818	48,654	177 45	
Total Canadian.....	2,135	52,975	53,509							52,975	53,509	106,484	538 41	
United States vessels, steam.....														
do sail.....														
Total United States.....														
Grand total, Trent Valley Canals	2,135	52,975	53,509							52,975	53,509	106,484	538 41	
MURRAY CANAL.														
Canadian vessels, steam.....	508	106,542	49,597	14,202				499	10,479	121,243	60,076	181,319	192 65	
do sail.....	114	2,067	2,701	760					110	2,827	2,811	5,638	27 13	
Total Canadian.....	622	108,609	52,298	14,962				499	10,589	124,070	62,887	186,957	219 78	
United States vessels, steam.....	8	58	37		79			14		72	116	188	2 00	
do sail.....	21	62	94	129		12		8	62	211	156	367	4 88	
Total United States.....	29	120	131	129	79	12		22	62	283	272	555	6 88	
Grand total, Murray Canal.....	651	108,729	52,429	15,091	79	12		521	10,651	124,353	63,159	187,512	226 66	

RECAPITULATION.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
CANADIAN VESSELS.													
<i>(Steam and Sail.)</i>													\$ cts.
Welland.....	1,588	168,556	172,420	122,469	1,738			2,812	121,132	293,837	295,290	589,127	8,438 42
St. Lawrence	10,120	1,085,937	809,843	67,735	523				149,511	1,153,672	959,877	2,113,549	21,149 97
Chambly	956	44,429	49,950	8,006					12,900	52,435	62,850	115,285	745 37
Ottawa.....	2,053	46,658	230,119		8,969					46,658	239,088	285,746	2,663 63
Rideau	2,368	65,840	66,350	2,613	148			222	3,766	68,675	70,264	138,939	1,232 31
St. Peter's.....	1,624	56,188	48,462							56,188	48,462	104,650	2,096 61
Trent Valley.....	2,135	52,975	53,509							52,975	53,509	106,484	538 41
Murray.....	622	108,609	52,298	14,962				499	10,589	124,070	62,887	186,957	219 78
Total Canadian.....	21,466	1,629,192	1,482,951	215,785	11,378			3,533	297,898	1,848,510	1,792,227	3,640,737	37,084 50
UNITED STATES VESSELS.													
<i>(Steam and Sail.)</i>													
Welland.....	1,137	1,106	146	139,464	271	333,096	272,057	377	196,617	474,043	469,091	943,134	15,454 48
St. Lawrence	1,017	2,739	13,973	36,561	1,229	5,830	5,281	25,438	37,717	70,568	58,200	128,768	1,277 35
Chambly	2,143	2,035	2,366	91,511	7		7		111,376	93,546	113,756	207,302	2,595 86
Ottawa.....	145	2,489	159		11,150			504		2,993	11,309	14,302	331 53
Rideau	185	2,813	1,098	1,765	4,882				1,926	4,578	7,906	12,484	278 14
St. Peter's.....	9	3,364	494							3,364	494	3,858	77 16
Trent Valley.....													
Murray.....	29	120	131	129	79	12		22	62	283	272	555	6 88
Total United States.....	4,675	14,666	18,367	269,430	17,618	338,938	277,345	26,341	347,698	649,375	661,028	1,310,403	20,021 40
Grand total, Canadian and United States.....	26,141	1,643,858	1,501,318	485,215	28,996	338,938	277,345	29,874	645,596	2,497,885	2,453,255	4,951,140	57,105 90

APPENDIX A.—Continued.

No. (A) 18.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation of 1896 and 1897, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1896.												\$ cts.
Welland	10,833	194,279	8,536	6,015	267,773	385,695	4,127	402,729	291,269	988,718	1,279,987	194,969 33
St. Lawrence.	167,278	653,282	6,213	2,742	257	684	43,419	239,815	217,167	896,523	1,113,690	70,004 24
Chambly	9,680	9,779	221,526	60				103,890	231,206	113,729	341,935	24,150 74
Ottawa	381	459,433		42,232					381	501,665	502,046	30,506 56
Rideau	31,370	10,375	16,022	3,290				12,250	47,392	25,915	73,307	5,011 10
St. Peter's	15,456	44,525		4,100			1,427		16,883	48,625	65,508	655 08
Trent Valley.	16,487	4,658							16,487	4,658	21,145	823 62
Murray	6,170	5,968	739					179	6,909	6,147	13,056	605 04
Sault Ste. Marie.	35,698	237,369	6,623	42,080	929,215	3,149,675	68,562	108,177	1,040,098	3,537,301	4,577,399	.....
Grand total	293,353	1,619,668	259,659	100,519	1,197,245	3,536,054	117,535	867,040	1,867,792	6,123,281	7,991,073	326,725 71
1897.												
Welland	6,478	175,480	5,613	4,518	210,831	353,863	1,277	516,232	224,199	1,050,093	1,274,292	188,432 17
St. Lawrence.	150,563	757,205	4,491	1,809	128	759	32,979	283,431	188,161	1,043,204	1,231,365	70,718 09
Chambly	8,106	7,747	241,906	174				94,203	250,012	102,124	352,136	23,308 53
Ottawa	81	511,262		51,027					81	562,289	562,370	34,032 28
Rideau.	34,244	13,177	9,679	8,393			283	11,500	44,206	33,070	77,276	6,131 35
St. Peter's	18,317	48,776							18,317	48,776	67,093	2,844 70
Trent Valley.	29,586	6,555							29,586	6,555	36,141	1,095 65
Murray	5,897	6,525	586					223	6,483	6,748	13,231	655 01
Sault Ste. Marie.	22,315	186,547	6,425	122,039	458,183	4,014,692	74,248	62,614	561,171	4,385,892	4,947,063	.....
Grand total	275,587	1,713,274	268,700	187,960	669,142	4,369,314	108,787	968,203	1,322,216	7,238,751	8,560,967	327,217 78

APPENDIX A—Continued.

No. (A) 19.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1897.

WELLAND CANAL.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	18	144	21	168	8	64	12	96
10	6	60	15	150	6	60	2	20
15	2	30	4	60	9	135	4	60
20	1	20	3	60	4	80	1	20
25	5	125	.....	.....	1	25	2	50
30	9	270	.....	.....	2	60	.....	.....
35	9	315	.....	.....	4	140	1	35
40	.....	.....	6	240	3	120	4	160
45	1	45	2	90	3	135	.....	.....
50	2	100	1	50	1	50	4	200
55	.....	.....	.....	.....	1	55	.....	.....
60	1	60	4	240	2	120	6	360
65	2	130	2	130	.....	.....	1	65
70	2	140	.....	.....	.....	.....	.....	.....
75	.....	.....	1	75	3	225	3	225
85	2	170	1	85	1	85	.....	.....
90	3	270	1	90	.....	.....	.....	.....
95	1	95	.....	.....	.....	.....	.....	.....
100	1	100	2	200	.....	.....	1	100
110	.....	.....	2	220	1	110	3	330
120	.....	.....	.....	.....	1	120	3	360
125	.....	.....	1	125	1	125	.....	.....
135	1	135	1	135	.....	.....	.....	.....
140	.....	.....	2	280	.....	.....	.....	.....
145	.....	.....	.....	.....	.....	.....	1	145
150	.....	.....	5	750	.....	.....	3	450
160	2	320	2	320	.....	.....	.....	.....
165	1	165	1	165	.....	.....	.....	.....
175	.....	.....	.....	.....	1	175	.....	.....
180	.....	.....	2	360	.....	.....	.....	.....
190	.....	.....	5	950	.....	.....	.....	.....
200	2	400	4	800	.....	.....	1	200
210	2	420	.....	.....	.....	.....	.....	.....
220	1	220	.....	.....	2	440	.....	.....
225	1	225	2	450	.....	.....	.....	.....
230	.....	.....	.....	.....	1	230	.....	.....
245	1	245	3	735	.....	.....	.....	.....
260	1	260	1	260	1	260	3	780
265	1	265	.....	.....	.....	.....	2	530
270	.....	.....	2	540	1	270	2	540
275	.....	.....	2	530	.....	.....	1	275
280	.....	.....	2	560	2	560	2	560
285	.....	.....	.....	.....	.....	.....	2	570
290	1	290	5	1,450	.....	.....	1	290
295	1	295	1	295	.....	.....	1	295
300	.....	.....	2	600	1	300	1	300
305	3	945	1	305	.....	.....	1	305
310	1	310	2	630	1	310	3	930
315	1	315	.....	.....	.....	.....	3	945
320	1	320	2	640	.....	.....	2	640
325	.....	.....	4	1,300	2	650	1	325
330	.....	.....	.....	.....	.....	.....	1	330
335	.....	.....	4	1,440	1	335	.....	.....
360	1	360	.....	.....	.....	.....	4	1,440
365	.....	.....	1	365	4	1,460	.....	.....

APPENDIX A—Continued.

No. (A) 19.—STATEMENT of the Number and Tonnage of all kinds of Vessels,
&c.—Continued.

WELLAND CANAL.—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
375			1	375			1	375
390					1	390	1	390
400					2	800	2	800
405	1	405						
415	1	415						
425					2	850	1	425
430					1	430	1	430
435			2	870				
440	2	880					1	440
450					1	450		
455	1	455					1	455
460			3	1,380				
465	1	465			1	465		
470							3	1,410
480	1	480	1	480	1	480	4	1,920
485	1	485	1	485			1	485
490					1	490	2	980
495					1	495		
500	2	1,000					2	1,000
505							2	1,010
510	1	510			1	510		
515	1	515					2	1,030
520			3	1,560			1	520
525					1	525	1	525
530	1	530						
540					2	1,090	2	1,090
545	2	1,090	1	545			1	
555					3	1,665	2	1,110
560	1	560			2	1,120		
570					2	1,140		
575	2	1,150						
580							3	1,740
585			1	585	1	585	2	1,170
590			1	590	1	590	2	1,180
595							1	595
600	1	600			2	1,200	4	2,400
605					1	605	2	1,210
615					2	1,230		
620					2	1,240	3	1,860
625					2	1,250	1	625
635							2	1,270
640					1	640	1	640
645					1	645		
655					2	1,310	1	655
660					1	660		
665							2	1,330
680					2	1,360	1	680
685			1	685			3	2,055
695					2	1,390	2	1,390
700					1	700	1	700
707							2	1,414
710					1		2	1,438
719			1	719				
722	1	722						
725					1	725		

No. (A) 19.—STATEMENT of the Number and Tonnage of all kinds of Vessels,
&c.—Continued.

WELLAND CANAL—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
730							1	730
740			1	740			4	2,960
760	1	760			2	1,520		
769	1	769						
771	1	771						
775					1	775		
780					1	780	1	780
787					4	3,148	1	787
796					3	2,388	1	796
797					1	797		
802			1	802				
837					2	1,674		
838					1	838	1	838
859					1	859	2	1,718
870							2	1,740
873							1	873
882					1	882		
891							1	891
892	1	892			1	892		
898							1	898
904					1	904		
908			1	908				
911					2	1,822		
915					1	915		
917							1	917
918					1	918		
928					1	928		
929	1	929			1	929		
940					2	1,880		
944					1	944		
950					2	1,900		
960					1	960	1	960
962					1	962		
968					2	1,954		
977	1	977						
978					1	978		
985					1	985		
989	1	989						
994							4	3,976
997					2	1,994		
1,013					1	1,013		
1,014							2	2,028
1,022					1	1,022		
1,029					1	1,029	1	1,029
1,030					1	1,030		
1,035	1	1,035			1	1,035		
1,038					2	2,076		
1,040			1	1,040	1	1,040		
1,053							1	1,053
1,054					3	3,162		
1,072	1	1,072			1	1,072	1	1,072
1,075					1	1,075		
1,083					1	1,083	1	1,083
1,085							1	1,085

No. (A) 19.—STATEMENT of the Number and Tonnage of all kinds of Vessels
&c.—*Concluded.*

WELLAND CANAL—*Concluded.*

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
1,103					4	4,412		
1,111					2	2,222		
1,118					1	1,118	1	1,118
1,123					3	3,369		
1,168					2	2,336	1	1,168
1,170					1	1,170		
1,172	1	1,172						
1,180					1	1,180	1	1,180
1,182					1	1,182		
1,185							1	1,185
1,203					2	2,406		
1,206					2	2,412		
1,425					3	4,275		
1,441					2	2,882	1	1,441
1,547					1	1,547		
1,548					1	1,548		
1,550					1	1,550		
1,553					2	3,106		
1,565					1	1,565		
Total	117	27,192	142	27,627	195	118,172	181	80,984

APPENDIX A—Continued.

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1897.

ST. LAWRENCE CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	60	480	24	192	3	24		
10	17	170	7	70			1	10
15	18	270	4	60	3	45		
20	9	180	14	280	1	20		
25	18	390	3	75	2	50	2	50
30	17	510	10	300				
35	8	280	1	35				
40	12	480	6	240	1	40	1	40
45	4	180	3	135	1	45		
50	10	500	11	550				
55	5	275	1	55				
60	9	540	24	1,440				
65	2	130	4	260	1	65	1	65
70	2	140	10	700			1	70
75	5	375	3	225	1	75		
80	4	320	6	480				
85	5	425	5	425			3	255
90	3	270	4	360	1	90	6	540
95	2	190	12	1,140	1	95	29	2,755
100	7	700	12	1,200			45	4,500
105	5	525	9	945			14	1,470
110	3	330	10	1,100	1	110	9	990
115	2	230	10	1,150			5	575
120	3	360	8	960			4	480
125	1	125	5	625			2	250
130	2	260	3	390				
135	1	135	9	1,215				
140	1	140	7	980				
145	3	435	10	1,450				
150			20	3,000				
155	2	310	35	5,425				
160			16	2,560				
165	5	825	15	2,475				
170	1	170	5	850				
175			3	525				
180			4	720				
185			5	925				
190	2	380	5	950				
195			3	585				
200	3	600	3	600				
205			1	205			1	205
220			2	440				
230	1	230	5	1,150				
255	1	255	2	510				
260	1	260	3	680				
265	1	265	2	530				
270			2	540				
275	1	275	2	550				
285			2	570	1	285	1	285
290	1	290	2	580			1	290
300			4	1,200				
305	1	305	3	915				
310			3	930				
315			2	630				

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Concluded.

ST. LAWRENCE CANALS—*Concluded.*

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
320	1		3	960				
325		325	6	1,950				
330	1		2	660				
335	1	335	4	1,340				
340		340	3	1,020				
345	2	345	3	1,035			1	345
350			1	350				
360			2	720				
365	2	730	3	1,095				
370			5	1,850				
375			2	750				
390			1	390				
395	2	790	1	395				
411	1		1	411				
415			1	415				
433	1						1	433
436	1		1	436				
442	2	884	1	442				
450			3	1,350				
454	1	454						
471	1	471	1	471				
473							1	475
475			1	475				
487			2	974				
500	1	500	1	500				
508	1	508						
509	1	509						
516			2	1,032				
518			1	518				
520			1	520				
539			1	539				
541	1	541	2	1,082				
575	1	575	1	575				
586	2	1,172	3	1,758				
590			1	590				
593	1	593						
599	1	599	1	599				
628			1	628				
678	1	678						
681			1	681				
690	1	690						
715	1	715	1	715				
771			3	2,313				
803			1	803				
989	1	989						
1,167	1	1,167						
Total....	288	27,420	452	75,424	17	944	129	14,083

APPENDIX A—Continued.

No. (A) 21.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1897.

RIDEAU, OTTAWA AND CHAMBLY CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	30	240	71	568	4	32		
10	11	110	25	250	8	80	3	30
15	6	90	4	60				
20	5	100	11	220			1	20
25	4	100	5	125				
30	1	30	4	120				
40	5	200	5	200	1	40	1	40
45			4	180				
50	5	250	4	200	1	50	3	150
55	3	165	1	55				
60	2	120	2	120	2	120	2	120
65			2	130			7	455
70	2	140			1	70	7	490
75	1	75	13	975			3	225
80	2	160	5	400			5	400
85	2	170	2	170			17	1,445
90	1	90	9	810	1	90	45	4,050
95	1	95	8	760			122	11,590
100	1	100	7	700			125	12,500
105	1	105	5	525			43	4,515
110			4	440			26	2,860
115	1	115	5	575			13	1,495
120			7	840			3	360
125	2	250	4	500			1	125
130			4	520			3	390
135	1	135	7	945				
140			14	1,960				
145	2	290	11	1,595			1	145
150	1	150						
155	1	155	24	3,720				
160			9	1,440				
165			9	1,485			1	165
170			5	850				
175			2	350				
180			3	540				
185			1	185				
190			1	190				
195			2	390				
200			1	200				
228	1	228	1	228				
256			1	256				
262	1	262						
324	1	324	1	324				
332	1	332	1	332				
397	1	397						
691	1	691						
Total	97	5,669	304	24,433	18	482	432	41,570

APPENDIX A—*Concluded.*

No. (A) 22.—STATEMENT showing the Classified Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1897.

WELLAND CANAL.

CANADIAN.							UNITED STATES.								
Class.	Steam Vessels.	No.	Tonnage.	Class.	Sailing Vessels.	No.	Tonnage.	Class.	Steam Vessels.	No.	Tonnage.	Class.	Sailing Vessels.	No.	Tonnage.
1	250 to 1,565 tons...	41	22,988	1	250 to 1,040 tons..	49	20,699	1	250 to 1,565 tons..	140	115,618	1	250 to 1,441 tons..	129	78,108
2	200 " 249 " ...	7	1,510	2	200 " 249 " ...	9	1,985	2	200 " 249 " ...	3	670	2	200 " 249 " ...	1	200
3	150 " 199 " ...	3	485	3	150 " 199 " ...	15	2,545	3	150 " 199 " ...	1	175	3	150 " 199 " ...	3	450
4	100 " 149 " ...	2	235	4	100 " 149 " ...	8	960	4	100 " 149 " ...	3	355	4	100 " 149 " ...	8	935
5	50 " 99 " ...	13	965	5	50 " 99 " ...	10	670	5	50 " 99 " ...	8	535	5	50 " 99 " ...	14	850
6	Under 50 " ...	51	1,009	6	Under 50 " ...	51	768	6	Under 50 " ...	40	819	6	Under 50 " ...	26	441
Total.....		117	27,192	Total.....		142	27,627	Total.....		195	118,172	Total.....		181	80,984

ST. LAWRENCE CANALS.

1	250 to 1,167 tons...	36	15,560	1	250 to 803 tons....	95	37,977	1	250 to 285 tons....	1	285	1	250 to 290 tons..	5	1,828
2	200 " 249 " ...	4	830	2	200 " 249 " ...	11	2,395	2	200 " 249 " ...	.....	.....	2	200 " 250 " ...	1	205
3	150 " 199 " ...	10	1,685	3	150 " 199 " ...	111	18,015	3	150 " 199 " ...	.....	.....	3	150 " 199 " ...	.....	.....
4	100 " 149 " ...	28	3,240	4	100 " 149 " ...	83	10,015	4	100 " 149 " ...	1	110	4	100 " 149 " ...	79	8,265
5	50 " 99 " ...	47	3,165	5	50 " 99 " ...	80	5,635	5	50 " 99 " ...	4	325	5	50 " 99 " ...	40	3,685
6	Under 50 " ...	163	2,940	6	Under 50 " ...	72	1,387	6	Under 50 " ...	11	224	6	Under 50 " ...	4	100
Total.....		288	27,420	Total.....		452	75,424	Total.....		17	944	Total.....		129	14,083

RIDEAU, OTTAWA AND CHAMBLY CANALS.

1	250 to 691 tons.....	5	2,006	1	250 to 332 tons....	3	912	1	250 to — tons.....	.....	.....	1	250 to — tons.....	.....	.....
2	200 " 249 "	1	228	2	200 " 249 "	2	428	2	200 " 249 " .....	.....	.....	2	200 " 249 " .....	.....	.....
3	150 " 199 "	2	305	3	150 " 199 "	56	9,150	3	150 " 199 " .....	.....	.....	3	150 " 199 "	1	165
4	100 " 149 "	8	995	4	100 " 149 "	68	8,600	4	100 " 149 " .....	.....	.....	4	100 " 149 "	215	22,390
5	50 " 99 "	19	1,265	5	50 " 99 "	46	3,620	5	50 " 99 "	5	330	5	50 " 99 "	211	18,925
6	Under 50 "	62	870	6	Under 50 "	129	1,723	6	Under 50 "	13	152	6	Under 50 "	5	90
Total		97	5,669	Total.....		304	24,433	Total.....		18	482	Total.....		432	41,570

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS.
 OTTAWA, 15th October, 1898.

CANALS

CONSOLIDATED

Sec. 1.

No. 23.—RATES OF TOLLS ON THE CANALS

WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA, CHAMBLY AND MURRAY CANALS.

(O. C., April 18, 1873.)

The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.	Welland Canal, westward.		Welland Canal, eastward.		Lake Erie to Montreal.		St. Lawrence Canals, each way.		Chambly Canal and St. Ours Lock.		Rideau Canal, each way.		Ottawa Canals, and St. Ann's Lock, each way.		Ottawa to St. Johns, each way.		Murray Canal, each way.	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
<i>Class No. 1.</i>																		
Vessel, steam..... per ton	0 11	0 01	0 01	0 02	0 02	0 00	0 00	0 01	0 00	0 01	0 00	0 01	0 00	0 01	0 00	0 01	0 00	0 01
do sail and other.....	0 02	0 02	0 02	0 03	0 01	0 01	0 01	0 02	0 01	0 02	0 01	0 02	0 01	0 02	0 01	0 02	0 01	0 01
<i>Class No. 2.</i>																		
Passengers, 21 years of age and upwards....	0 10	0 10	0 10	0 20	0 10	0 05	0 08	0 02	0 09	0 01	0 04	0 02	0 09	0 01	0 04	0 01	0 04	0 01
Passengers, under 21 years each.....	0 05	0 05	0 05	0 10	0 05	0 02	0 04	0 01	0 04	0 01	0 04	0 01	0 04	0 01	0 04	0 01	0 04	0 01
<i>Class No. 3.</i>																		
Bricks, cement and water lime.....	} 15	} 0 20	} 0 20	} 0 15	} 0 10	} 0 07	} 0 06	} 0 19	} 0 15	} 0 10	} 0 07	} 0 06	} 0 19	} 0 15	} 0 10	} 0 07	} 0 06	} 0 19
Clay, lime and sand.....																		
Brimstone.....																		
Corn.....																		
Flour.....																		
Iron, railway.....																		
do pig.....																		
do all other, including steel (O.C., Feb. 1, 1888.).....																		
Plaster, gypsum.....																		
Salt.....																		
Salt meats or fish, in barrels or otherwise.....	} 0 15	} 0 20	} 0 20	} 0 20	} 0 10	} 0 07	} 0 06	} 0 19	} 0 15	} 0 10	} 0 07	} 0 06	} 0 19	} 0 15	} 0 10	} 0 07	} 0 06	} 0 19
Agricultural products, vegetable, not enumerated.....																		
Agricultural products, animal, not enumerated.....																		
Stone, for cutting.....																		
Wheat.....																		
<i>Class No. 4.</i>																		
All other articles, not enumerated.....	0 15	0 20	0 20	0 20	0 10	0 26	0 14	0 29	0 21	0 10	0 26	0 14	0 29	0 21	0 10	0 26	0 14	0 29

REVENUE

TARIFF OF TOLLS

OF THE DOMINION OF CANADA, 1897.

TRENT VALLEY CANALS.

(O.C., July 25, 1888.)

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	Tolls Chargeable at Peterborough and Hastings.
Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Bobcaygeon.	Tolls Charge- able at Buckhorn.	Tolls Charge- able at Burleigh.	Tolls Charge- able at Fenelon Falls.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 00 $\frac{3}{16}$ 0 00 $\frac{1}{4}$	0 00 $\frac{3}{16}$ 0 00 $\frac{1}{4}$	0 00 $\frac{3}{16}$ 0 00 $\frac{1}{4}$	0 00 $\frac{3}{16}$ 0 00 $\frac{1}{4}$	0 00 $\frac{3}{4}$ 0 01	0 00 $\frac{3}{16}$ 0 00 $\frac{1}{4}$
0 01 0 00 $\frac{1}{2}$	0 01 0 00 $\frac{1}{2}$	0 01 0 00 $\frac{1}{2}$	0 01 0 00 $\frac{1}{2}$	0 04 0 02	0 01 0 00 $\frac{1}{2}$
0 01	0 01	0 01	0 01	0 04	01
0 03	0 03	0 03	0 03	0 12	0 03

RATES OF TOLLS

WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA, CHAMBLY AND MURRAY CANALS.

	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Rideau Canal, each way.	Ottawa Canals and St. Ann's Lock, each way.	Ottawa to St. Johns, each way.	Murray Canal, each way.
The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.									
<i>Class No. 5.</i>									
Bark.....	0 20	0 20	0 20	0 15	0 10	0 07	0 06	0 19 ³ / ₄	0 01 ⁷ / ₈
Barrels, empty, each.....	0 02	0 02	0 02	0 02	0 02	0 02	0 01	0 03 ¹ / ₄	0 00 ¹ / ₂
Boat knees, each.....	0 05	0 05	0 05	0 02	0 02	0 02	0 01	0 03 ¹ / ₄	0 00 ¹ / ₂
Floats, per 1,000 lineal feet.....	1 40	1 40	1 40	1 40	1 20	1 05	0 50	2 05 ¹ / ₄	0 17 ¹ / ₄
Firewood, per cord, in vessels.....	0 20	0 20	0 20	0 20	0 10	0 15	0 08	0 23	0 02 ¹ / ₂
do do rafts.....	0 25	0 25	0 25	0 25	0 15	0 19	0 09	0 30 ¹ / ₄	0 03 ¹ / ₄
Hoops.....	0 25	0 25	0 25	0 20	0 15	0 15	0 10	0 30	0 02 ¹ / ₂
Masts and spars, telegraph poles, per ton of 40 cubic feet, in vessels.....	0 15	0 15	0 15	0 05	0 05	0 08	0 07	0 13 ¹ / ₄	0 00 ⁵ / ₈
Masts and spars, telegraph poles, per ton of 40 cubic feet, in rafts.....	0 20	0 20	0 20	0 10	0 10	0 15	0 10	0 22 ¹ / ₄	0 01 ¹ / ₄
Railway ties, in vessels, each.....	0 01	0 01	0 01	0 00 ¹ / ₃	0 00 ¹ / ₂	0 00 ³ / ₄	0 00 ³ / ₄	0 01 ¹ / ₂	0 0 ¹ / ₈
do do rafts, each.....	0 02	0 02	0 02	0 01	0 01	0 02	0 01	0 02 ¹ / ₄	0 00 ¹ / ₈
Sawed stuff, boards, plank, scantling and sawed timber, per M. feet, board measure, in vessels.....	6 30	0 30	0 30	0 15	0 10	0 11 ¹ / ₄	0 06 ³ / ₄	0 20	0 01 ⁷ / ₈
Sawed stuff, boards, plank, scantling and sawed timber, per M. feet, board measure, in rafts.....	0 60	0 60	0 60	0 30	0 20	0 19	0 09	0 36 ¹ / ₄	0 03 ³ / ₄
Square timber, per M. cubic feet, in vessels.....	3 00	3 00	3 00	1 00	1 00	0 56	0 44	1 69	0 12 ¹ / ₂
do do rafts.....	4 50	4 50	4 50	2 00	2 00	1 12	0 63	3 13	0 25
Wagon stuff, woodware and wood, partly manufactured, per ton of 40 cubic feet.....	0 40	0 40	0 40	0 40	0 25	0 30	0 20	0 55	0 05
Shingles, per M.....	0 06	0 06	0 06	0 06	0 04	0 04 ¹ / ₂	0 02 ¹ / ₂	0 08	0 00 ³ / ₄
Split posts and fence rails, per M., in vessels.....	0 40	0 40	0 40	0 40	0 20	0 23	0 12	0 42	0 05
do do do rafts.....	0 80	0 80	0 80	0 80	0 40	0 38	0 17	0 77	0 10
Saw logs, each, standard log.....	0 08	0 08	0 08	0 08	0 05	0 06	0 06	0 13	0 01
Staves and headings, barrel, per M.....	0 40	0 40	0 40	0 20	0 15	0 15	0 10	0 30	0 02 ¹ / ₂
do do pipe, per M.....	1 50	1 50	1 50	1 00	1 00	0 75	0 50	1 75	0 12 ¹ / ₂
do do W. India, per M.....	0 75	0 75	0 75	0 60	0 25	0 45	0 25	0 65	0 07 ¹ / ₂
do do salt barrel, sawn or cut, per M.....	0 08	0 08	0 08	0 04	0 03	0 03	0 02	0 06	0 00 ¹ / ₂
Traverses, per 100 pieces.....	0 50	0 50	0 50	0 50	0 40	0 38	0 15	0 67 ¹ / ₂	0 06 ¹ / ₄
Hop poles, per 1,000 pieces.....	2 00	2 00	2 00	2 00	1 50	1 50	0 65	2 65	0 25
<i>Special Class.</i>									
Gypsum, crude (per O. C., 28th Oct., 1892).....	0 15	0 05	.....	0 05	Westward	.....	.....	.....	.....
Coal.....	0 20	0 20	0 20	0 15	0 10	0 08	0 05	0 17 ³ / ₄	0 01 ⁷ / ₈
Stone, unwrought, corded, and not suitable for cutting, per cord.....	0 75	0 75	0 75	0 60	0 37 ¹ / ₂	0 28	0 24	0 77 ¹ / ₂	0 07 ¹ / ₂
Kryolite, iron ore or chemical ore.....	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 05
Ice.....	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 11	0 05

ON THE CANALS.—Continued.

TRENT VALLEY CANALS.

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Chargeable at Fenelon Falls.	Tolls Chargeable at Bobcaygeon.	Tolls Chargeable at Buckhorn.	Tolls Chargeable at Burleigh.	Tolls Chargeable at Fenelon Falls.	Tolls Chargeable at Peterborough and Hastings.
\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 13	0 13	0 13	0 13	0 52	0 13
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 02	0 02	0 02	0 02	0 08	0 02
0 02	0 02	0 02	0 02	0 08	0 02
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 07	0 07	0 07	0 07	0 28	0 07
0 14	0 14	0 14	0 14	0 56	0 14
0 04	0 04	0 04	0 04	0 16	0 04
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 03	0 03	0 03	0 03	0 12	0 03
0 05	0 05	0 05	0 05	0 20	0 05
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 02	0 02	0 02	0 02	0 08	0 02
0 10	0 10	0 10	0 10	0 40	0 10
0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 22	0 05 $\frac{1}{2}$
0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 02	0 00 $\frac{1}{2}$
0 05	0 05	0 05	0 05	0 20	0 05
0 20	0 20	0 20	0 20	0 80	0 20
Free.	Free.	Free.	Free.	Free.	Free.
0 01	0 01	0 01	0 01	0 04	0 01
0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 14	0 03 $\frac{1}{2}$
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
Free.	Free.	Free.	Free.	Free.	Free.

St. Peter's Canal.

Sec. 2. On each and every vessel passing through the said canal, two cents per ton on the vessel and one cent per ton on the freight, each way. O. C. June 23, 1883. Con. O. C. Oct. 26, 1889, sec. 109.

SPECIAL REGULATIONS RELATING TO TOLLS ON SOME OF THE CANALS.

Sec. 3. Coal may pass up all canals, except the Welland Canal, free of toll. O. C. June 6, 1869. Con. O. C. Oct. 26, 1889, sec. 83.

Sec. 4. Logs, lumber or other produce may pass free of toll down the Chippawa Creek, between the Aqueduct and Port Robinson. O. C. May 18, 1863. Con. O. C. Oct. 26, 1889, sec. 84.

Sec. 5. (a) In view of the dam constructed across the Ottawa River at Carillon whereby the passage of the rapids at that point through the river is rendered difficult and at times impracticable, it appears necessary, owing to the continued difficulty attending passage through the slide built in the dam, that the canal should be used by rafts, and until otherwise ordered, free passage be given to rafts through the Carillon Canal, subject to such regulations as the Department of Railways and Canals may find necessary in the interest of the traffic of the canal to adopt. O. C. July 6, 1888.

Sec. 5. (b.) "Save in cases for which special permission may be given the Grenville Canal is closed to the passage of rafts, or any portion of a raft of any kind whatever." O. C. June 27, 1890.

Sault Ste. Marie Canal.

Sec. 6. All vessels and freight shall be permitted to pass through the Sault Ste. Marie Canal free of toll upon such vessels and freight, until otherwise ordered.

Sec. 7. (a.) All up bound goods on which full tolls have been paid for passage through the whole of the St. Lawrence Canals, or for passage through the Lachine Canal, the Ottawa and Rideau Canals, shall be entitled to pass free through the Welland Canal, or any portion thereof, and tolls paid for passage through the Chambly Canal, on goods thereafter so becoming entitled to the above privilege, shall be refunded at Montreal. All down bound goods on which full tolls have been paid for passage through the Welland Canal shall be entitled to pass free through any or all of the mentioned Canals, or through any portion thereof. O. C. May 17, 1897.

(b.) All articles, goods or merchandise, not enumerated above, shall be charged to class No. 4. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889, sec. 86.

Sec. 8. Goods shipped to any port west of the St. Lawrence Canals, tolls upon which have already been paid for passage through such canals, may be re-shipped from such ports and be passed through the Welland Canal free of tolls, in the same way as if they had been shipped through direct in the first instance; and goods going eastward, having paid Welland Canal tolls, may be transhipped at any port on Lake Ontario, and thereafter pass free through the St. Lawrence Canals, as if they had been shipped through direct in the first instance. O. C. June 23, 1883. Con. O. C. Oct. 26, 1889, sec. 87.

Sec. 9. Iron ore, kryolite or chemical ore, may pass through one section, or through all the canal sections aforesaid, for 5 cents per ton.

Sec. 10. No let-passes shall be issued to steam tugs or other small vessels for less than 25 cents, as a minimum charge; but such vessels, not carrying freight or passengers, can obtain, on payment of \$30, a season "Let-Pass," which will pass them up and down the canals as often as desired. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889, sec. 86.

Sec. 11. All vessels owned or chartered by persons having contracts for the enlargement or repair of any of the canals, and employed by them in removing earth or carrying materials necessary for the prosecution of such works, shall be entitled to pass through such canals free of toll upon such vessel and cargo. O. C. April 22, 1884. Con. O. C. Oct. 26, 1889, sec. 35.

Sec. 12. Government dredges and scows shall be permitted to pass through the canals free of tolls, but that such dredges and scows shall not be so passed as to interfere with the passage of other vessels of any kind whatever. O. C. May 18, 1891.

HARBOUR DUES.

Sec. 13. Vessels receiving or discharging freight at the premises of the Welland Railway, at Ports Colborne or Dalhousie, are to be free from harbour dues; but all other vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of freight so received or discharged, two cents. O. C. April 18, 1873. Con. O. C. Oct. 26 1889.

WAY RATES.

Sec. 14. The following way rates are to be levied on vessels and property passing the several subdivisions of the canals :—

Welland Canal.

	Rate.
1. From Port Maitland, Dunnville and Port Colborne to Port Robinson or Allanburg, not passing the lock, each way.....	1/4
2. From Chippawa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....	1/4
3. From Dunnville to Port Colborne.....	1/4
4. From Thorold to St. Catharines or Port Dalhousie.....	1/4
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places.....	1/4
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson.....	1/4
7. From Port Robinson to Allanburg or Thorold.....	1/4
8. From Port Robinson to St. Catharines or Port Dalhousie.....	1/4
9. From St. Catharines to Port Dalhousie.....	1/4
10. From Dunnville to Maitland.....	1/4
11. From Port Robinson through the Lock and Chippawa Cut.....	1/4
12. From Port Colborne to Port Maitland.....	1/4
13. From Chippawa Cut through Lock to Port Robinson.....	1/4
14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....	1/4
15. From Colborne, Dunnville, Maitland and Marshville to St. Catharines.....	1/4
16. Through the Chippawa Cut only.....	1/4
17. Through the Port Robinson Lock only.....	1/4

St. Lawrence Canals.

Sec. 15. The navigation is divided into four sections, viz., Cardinal, Cornwall, Beauharnois and Lachine. Tolls are to be levied on all vessels and property in proportion to the number of sections passed through.

Chambly Canal.

	Rate.
Sec. 16. Vessels and property passing from Sorel to Chambly, to pay.....	1/3
Vessels and property passing from Chambly to St. Johns, to pay.....	2/3

Ottawa Canals.

Sec. 17. The navigation is divided into three sections, viz., Grenville, Carillon and Ste. Anne's. Tolls are to be levied on all vessels and property in proportion to the number of sections passed through.

Rideau Canal.

Sec. 18. The navigation of this canal is divided into three sections, viz., Ottawa, Smith's Falls and Kingston Mills. Vessels and freight passing one section are to be charged one-third; two sections, two-thirds. O.C. April 18, 1873. Con. O.C. Oct. 26, 1889, secs. 77, 78, 79, 80 and 81.

Tay Canal to be part of the Rideau Canal and the following rates of tolls to be levied upon the said Tay Branch of the Rideau Canal system, viz. :—

- Perth to Smith's Falls, 1 section, or one-third of Rideau Canal rates, each way.
- Perth to Kingston, 2 sections, or two-thirds Rideau Canal rates, each way.
- Perth to Ottawa Basin, 2 sections, or two-thirds Rideau Canal rates, each way.
- Perth to River Ottawa, 3 sections, full Rideau Canal rates, each way. O.C. Sept. 27, 1890.

General.

Sec. 19. (a.) Any fraction of a ton freight is to be charged one ton, and portions of sections are to be charged as a whole section on all the above canals.

(b.) The passing of saw logs or other lumber through any of the canals, or sections thereof, shall be at all times governed by the regulations for their management. O.C. April 18, 1873. Con. O.C. Oct. 26, 1889, sec. 82.

Sec. 20.—STANDARD FOR ESTIMATING WEIGHTS, FOR CANAL TOLLS.

	Tons.		Tons.
2,000 lbs. avoirdupois.	1	Stone, 12 cubic feet.	1
Per M. is per thousand feet		Stone, 1 cord	7½
Per mille is per thousand pieces		Whisky, 4 barrels or 215 gallons	1
Green fruit, 9 barrels are	1	Empty barrels, 10.	1
Ashes, 3 barrels are	1	Barrel hoops, 10 mille.	1
Bark, 4 cords	1	Board and other sawed lumber, 600 feet board measure	1
Beef, 7 barrels	1	Boat knees, 4	1
Biscuit and crackers, 9 barrels	1	Firewood, 1 cord	3
Bricks, common, 1,000	2	Hop poles, 60 or cubic feet	1
Butter, 22 kegs or 7 barrels	1	Shingles, 12 M. or bundles	1
Cattle, 3	1	Split posts and fence rails, 1 mille	1
Cement and water lime, 7 barrels	1	Staves and headings, pipe, 1 mille	8
Fire-bricks, 1,000	3	do do W. India, 1 mille	4
Fish, 7 barrels	1	do do barrel, 1 mille	2½
Flour, 9 barrels	1	do do salt barrel, 1 mille	0½
Gypsum and manganese, 6 barrels	1	Saw-logs, standard, 1	0¾
Horses, 2	1	Square timber, 50 cubic feet	1
Lard and tallow, 7 barrels or 22 kegs	1	Telegraph poles, 10, or 40 cubic feet	1
Liquors and spirits, 215 gallons	1	Masts and spars, 40 cubic feet	1
Liquors, all others, 215 gallons	1	Railroad ties, 16, or 50 cubic feet	1
Nuts, 9 barrels	1	All other woodenware, or partly manufac- tured wood, 40 cubic feet as per tariff	1
Oysters, 6 barrels	1	Traverses, 40 cubic feet, or 5 pieces	1
Pork, 7 barrels	1	Floats, 50 lineal feet	1
Salt, 7 barrels	1		
Seeds, 9 barrels	1		
Sheep, 20	1		

NOTE.—By the Weights and Measures Act, chapter 104 of the Revised Statutes of Canada, section 14, all the following named articles are to be estimated by the cental of 100 lbs.

The weight equivalent to a bushel being as follows:—Wheat, 60 lbs. ; Indian corn, 56 lbs. ; rye, 56 lbs. ; pease, 60 lbs. ; barley, 48 lbs. ; oats, 34 lbs. ; beans, 60 lbs. ; clover seed, 60 lbs. ; timothy seed, 48 lbs. ; buckwheat, 48 lbs. ; flax seed, 50 lbs. ; blue grass seed, 14 lbs. ; hemp seed, 44 lbs. ; malt, 36 lbs. ; castor beans, 40 lbs. ; potatoes, turnips, carrots, parsnips, beets and onions, 60 lbs. ; bituminous coal, 70 lbs.

TOLLS AT SHEDS AT LACHINE CANAL BASIN.

Sec. 21. The following tolls shall be levied upon property stored at the sheds at the Lachine Canal Basin :—

	Cents.
Wheat and other grain, per week, per bushel	1
Meal do per barrel	4
Pork, beef, butter and lard do do	5
Muscovado sugar do per hhd., 10 cents ; per brl.	5
Liquors { do per pipe, 15 cents ; per pun	12
{ do per hhd., 10 cents ; per qr. cask	7
Iron (bars) do per ton	24
Iron, pig do	12
Salt, except at the St. Gabriel sheds do per 100 minots	36
Salt at the St. Gabriel sheds, Montreal, after the first 48 hours do per bag	½
Bales, crates, cases, &c. do per ton weight or measurement	24
Coals do per chaldron	12

Sec. 22. (a.) No charge shall be made for property stored in the sheds of the Lachine Canal Basin for the first forty-eight hours, after which period, except in the case of flour, the foregoing rate of storage for the use of the sheds are to be raised, levied and collected.

(b.) Articles unenumerated are to be charged according to the above rates as nearly as the same can be computed.

(c.) All property stored in the sheds remaining after the first forty-eight hours will be liable to one week's storage, although it should only have been stored for a portion of the same, and so on for each succeeding week

(d.) The labour of receiving property into the sheds and delivering the same shall be at the expense of and be furnished by the owners of the property or their agents.

(e.) All property stored in these sheds shall be at the risk of the proprietor from damage by fire or otherwise.

(f.) All dues for storage shall be paid before the removal of the property. O. C. August 21, 1846, October, 28, 1846. Con. O.C. Oct. 26, 1889, secs. 90 and 91.

Flour.

Sec. 23. (a.) Flour shall be allowed to remain in the sheds for two whole days free of charge.

(b.) If kept there beyond two days or 48 hours, such flour shall be liable to a charge of one cent per day per barrel for the first four days after the expiration of the 48 hours of the exemption.

(c.) Should the flour be kept in the sheds beyond four days at one cent per day per barrel, it shall be liable to pay two cents per day per barrel for every day subsequent to the expiration of such four days.

(d.) Any part of a day shall be considered as one day. O. C. May 31, 1856. Con. O.C. Oct. 26, 1889, sec. 92.

WHARFAGE DUES ON COAL FOR LOCAL CONSUMPTION IN MONTREAL.

Sec. 24. Coal for local consumption in Montreal, landed on canal property between Montreal Harbour and Côte St. Paul, from vessels other than sea-going, and entering the Lachine Canal from Montreal Harbour, shall be charged wharfage dues at the rate of five cents a ton.

Coal screenings shall be charged 3 cents a ton. Con. O.C. Oct. 26, 1889, sec. 93. O.C. May, 18, 1892.

CHARGES FOR WHARFAGE ON FIREWOOD ON WHARFS AND BANKS OF LACHINE CANAL.

Sec. 25. The following rates of tolls shall be collected as herein mentioned, that is to say :—

(a.) Firewood landed on wharfs or banks of the Lachine Canal, or in boats, barges or other craft occupying any of the basins between Wellington Street Bridge and Lock No. 3, four cents per cord, and for every day the wood is allowed to remain in either the canal or basin, or on the wharfs or banks after the first five days, an additional charge of four cents per cord. O. C. August 7, 1860. Con. O.C. Oct. 26, 1889, sec. 94.

(b.) The clause next preceding shall not only apply to the rates of toll to be collected on firewood on wharfs at Lachine and the Lachine Canal and basin, but are also extended and made applicable to the banks and grounds at Côte St. Paul and at Lachine. O. C. Jan. 27, 1862. Con. O.C. 1889, sec. 94.

CANAL BASINS IN MONTREAL PART OF MONTREAL HARBOUR.

Sec. 26. Whereas under existing regulations for the collection of canal tolls, eastern bound vessels having paid the charges one way in full through the Welland Canal are chargeable one Section Canal Toll if re-entering the Lachine Canal ;

And whereas vessels loaded with grain destined for the Montreal Harbour frequently unload only part of their cargoes on board sea-going vessels in the harbour, and re-enter the Lachine Canal for the purpose of unloading the balance of their cargoes either in elevators or mills located along the canal basins ;

It is ordered that the Lachine Canal basins, within the Montreal city limits, be considered as part of the Montreal Harbour, in so far only as regards the collection of tolls on the class of vessels above referred to, which re-enter that portion of the canal for the purpose of unloading the balance of their cargoes, but that the same shall not apply any further, as in the event of vessels returning to the harbour to take cargo, in which case the usual toll shall be charged against them on passing out of the canal a second time into the harbour. O. C. Aug. 8, 1878. Con. O.C. Oct. 26, 1889, sec. 95.

PHOSPHATES.

Sec. 27. Whereas vessels laden with grain for delivery in Montreal Harbour frequently carry also deck loads of phosphates, and being compelled to proceed at once to the harbour for the discharge of the grain, they pay tolls through to that point, subsequently re-entering the Lachine Canal for the storage of the phosphates, and in accordance with the existing regulations, paying canal dues a second time for such re-entry ;

It is ordered that the Lachine Canal basins, within the Montreal city limits, be considered as part of the Montreal Harbour, for the purpose of the unloading of phosphates carried by vessels in addition to their grain cargoes as described in this section ; it being, however, provided that in the event of their returning to the harbour to take cargo, the usual tolls shall be charged against such vessels on their passing out of the canal a second time. O. C. July 12, 1881. Con. O.C. Oct. 26, 1889, sec. 96.

WHARFAGE DUES IN ALL BASINS OF THE LACHINE CANAL ON SEA-GOING VESSELS.

Sec. 28. The Montreal Harbour Commissioners shall be allowed to retain the right of levying dues in respect of the old lower basin of the Lachine Canal, but the Government shall retain full control of the new works and basin of said canal and of the revenue that may be derived from their use.

All property delivered or received by sea-going vessels in the Lachine Canal basins at Montreal (except the old lower basin) shall be charged wharfage dues as follows :—

All goods, wares and merchandise not elsewhere specified	25 cents per ton.
Hay, straw, pig and scrap iron, pot and pearl ashes	20 do
Apples, crates and their contents, flour and meal, fish, meats, pitch, potatoes, tar, horses, neat cattle, sheep and swine.	15 do
Ballast, clay, fire-bricks, gypsum, lime, marble, phosphate, sand, salt.	10 do
Coal and coke, grain and seeds of all kinds	7½ do
<i>Special</i> —Bricks, 10 cents per 1,000; cordwood, 5 cents per cord; lumber, 10 cents per 1,000 feet, board measure.	
Bullion specie	Free.
Coal screenings.	3 do

Each entry shall pay not less than 5 cents.

All property landed on the canal wharfs for re-shipment, or transhipped in canal waters, shall pay one wharfage only.

Lumber upon which tolls have been paid for passage down the Lachine Canal, and which is re-shipped from the wharfs or vessels into sea-going vessels, shall pay wharfage dues equal to one section of canal tolls, viz., 3¾ cents per 1,000 feet board measure. O.C. Jan. 26, 1883. Con. O.C. Oct. 26, 1889, secs. 98, 99, 100 and 101. O.C. May 18, 1892.

Sec. 29.—Standard for Estimating Weights.

Ashes, pot or pearl	3 brls. to 1 ton.
Apples, flour, meal, potatoes	9 do 1 do
Fish, meat, pitch, tar	7 do 1 do
Horses	2 to 1 ton.
Neat cattle	3 to 1 do
Sheep	15 to 1 do
Swine	10 to 1 do

O. C. April 1, 1881. Con. O.C. Oct. 26, 1889, sec. 102.

TOLLS ON FLOATED TIMBER, ETC., ENTERING THE BASIN AT LACHINE.

Sec. 30. The following rates of tolls shall be collected on floated timber, lumber and firewood entering the basin at Lachine and Lachine Canal :—

Kinds of Timber.	For receiving Timber, &c., to include use of Basin and Wharf for one Month.	For each succeeding month during the Season of Navigation.	For Wintering in Basin or on Wharf.
	Cents.	Cents.	Cents.
Timber, square or round, of all kinds, above 12 x 12, per M cubic feet	25	20	35
Timber, round or flatted, of all kinds, under 12 x 12, per M lineal feet	20	15	30
Planks and boards to include all kinds of saved lumber in rafts, per M feet, board measure.	3	2	3
Saw logs, 12 feet long, if longer in same proportion per log	1	½	2
Floats, per 100	10	5	10
Traverses, per 100	10	5	10
Fence posts and rails, per M	10	5	10
Staves, barrel, per M	8	4	8
do pipe do	8	4	8
do West India, per M	8	4	8
Firewood on bank of canal between Lock No. 3 and Lock No. 5, and also on wharfs in canal basin at Lachine.	3	3	3

Note.

Sec. 31. (a.) No allowance shall be made for fractional parts of a month or winter season.

(b.) The firewood shall be corded across the bank while being delivered from the boat in such manner and at such points as the superintending engineer may direct.

(c.) The rates on timber to take effect upon the completion of the booms in Lachine Canal. O. C. June 8, 1860. Con. O.C. Oct. 26, 1889, secs. 103 and 104.

CHARGES ON VESSELS WINTERING IN LACHINE CANAL.

Sec. 32. The following rates per ton shall be charged for wintering vessels in the Lachine Canal, viz. :—For each boat, barge, scow or other vessels of ten tons measurement or under, seventy cents per vessel for the entire winter, and every ten tons above the first ten, an additional rate of eight cents. O.C. Aug. 22, 1879. Con. O.C. Oct. 26, 1889, sec. 97.

CHARGES FOR WINTERING VESSELS IN RIDEAU CANAL.

Sec. 33. The winterage dues for vessels wintering in the canal basin, at Ottawa, or other points along the line of the Rideau Canal, shall be as follows :—

In canal basin, Ottawa, steamers per season.....	\$ 8 00
do do barges do	4 00
Inside locks do steamers do	50 00
do other stations do do	15 00

If the Minister of Railways and Canals deems it advisable, he is authorized to take security from parties wintering their vessels in locks against damage to Government property by fire. O. C. March 19, 1887. Con. O.C. Oct. 26, 1889, sec. 105.

CHARGES FOR WINTERING VESSELS IN THE OTTAWA RIVER CANALS AND LOCKS.

Sec. 34. The charge for vessels wintering on the Ottawa River canals and locks, and the same is hereby prescribed accordingly, namely :

In Carillon Canal, steamers per season.....	\$ 8 00
do barges do	4 00
Grenville Canal, steamers, for season.....	8 00
do barges do	4 00
Inside Locks, Ste. Anne, Carillon and Grenville Canals, steamers, per season.....	25 00
Inside locks, Culbute Canal, per season.....	15 00

Such security against damage by fire to be taken by way of bond as, in the opinion of the Minister of Railways and Canals, may seem desirable. O.C. Oct. 14, 1892.

Sec. 35. No charges to be made for vessels wintering outside the locks of any government canal. O.C. Dec. 12, 1889.

CHARGES FOR REPAIRING VESSELS ON THE BANKS OF CANALS.

Sec. 36. (a.) Persons using the banks of the Lachine Canal as a site for the repair of their vessels shall be subject to a charge of four dollars, payable in advance, for each vessel ; the period during which such site may be occupied under any one payment being limited to six months, and permission for repairing being first obtained from the proper officer, in conformity with the existing canal regulations.

(b.) In the event of failure to remove vessels so occupying the banks at the expiration of the period named, no fresh permits having been obtained, such vessels may be sold under the 16th section of the canal regulations. O. C. March 5, 1880. Con. O.C. Oct. 26, 1889, sec. 106.

Sec. 37. Rules with respect to the repairing of vessels on the banks of the Lachine Canal, the Beauharnois and the Chambly :—

(a.) Repairs shall only be executed at such points as may be indicated and approved by the superintending engineer.

(b.) For each vessel hauled up or beached for repairs, a charge of one dollar, over and above all other charges, shall be made, carrying the privilege of remaining one month, a further sum of one dollar being charged for each additional month, or fraction of a month, the vessel may remain,

(c.) In cases, however, where a vessel hauled up for repairs upon the canal bank remains there throughout the winter, a charge of four dollars only shall be made (in addition to the ordinary winterage dues), the period covered being from the 1st of November to the 1st of June, inclusive.

(d.) Any vessel remaining on the canal bank after having wintered thereon shall be charged at the rate of one dollar a month or fraction of a month of her subsequent stay.

(e.) Any vessel remaining more than one year on the bank of the canal shall for such time as she may remain in excess of that period pay at the rate of two dollars a month or fraction of a month throughout the whole year.

(f.) All charges shall be payable at the collector's office in advance on the first day of each month.

(g.) These rules shall be understood as applying to all cases where the canal bank is used in any manner for the repairs of vessels, whether such vessels are actually hauled up or not. O. C. August 6, 1881. Con. O.C. Oct. 26, 1889, sec. 107.

DRY DOCK CHARGES.

Trent Valley Canal.

Sec. 38. The following tolls and dues shall be charged for the use of the dry dock at Bobcaygeon, and of any of the locks on the Trent Valley Canal, during the winter or other shorter period :—

For Vessels	Wintering.	Per day.	Per week.
Over 15 tons.....	\$30 00	\$4 00	\$12 00
15 tons and under.....	20 00	3 00	10 00

(O.C. Oct. 31, 1890.)

Rideau Canal.

Sec. 39. The following tariff of tolls and regulations shall be, and the same are hereby established for the use of the dry dock on the Rideau Canal at Ottawa :—

- (1) Steamers entering dock..... \$ 8 00
- Each day or portion of a day after day of entrance..... 2 50
- (2) Barges entering dock..... 5 00
- Each day or portion of a day after day of entrance..... 2 50
- (3) Steam yachts or launches..... 5 00
- Each day or portion of a day after day of entrance..... 2 50
- (4) Boats wintering in the dry dock from the close to the opening of navigation. 50 00
- For every day such boat remains in the dock after the opening of navigation. 8 00

(5) No vessel of any class shall be in the dock over six days after notice is given in writing by the lockmaster that the dock is required for another vessel unless a satisfactory agreement between all parties interested is arrived at.

(6) All entrance and discharge of vessels are covered by entrance fee.

(7) All drying off of vessels of all classes in the locks at Ottawa or Hartwell's during the season of navigation is prohibited unless for special reasons.

The owners of vessels of all classes to render the required assistance to open and close the gate under the supervision of the superintending engineer.

Vessel owners to supply all blocks, &c., to shove their boats up to make the necessary repairs, and all refuse to be properly cleared out to the entire satisfaction of the lockmaster before leaving the dock.

(O.C. Dec. 28, 1893.)

Sec. 40. The use of horses for towage purposes between the lower entrance of the Cornwall Canal and lock No. 20, be prohibited during the works of enlargement of that portion of the Cornwall Canal.

(O.C. Aug. 20, 1890.)

Sec. 41. As the prohibition of the use of horses for towing purposes, between the lower entrance of the Cornwall Canal and Lock No. 20 during the progress, of the works of canal enlargement, has entailed the use of tugs and consequently expenses to the parties concerned, that all tugs, used solely for the purposes of towing on the section in question, be permitted to pass free of toll, up and down the canal between the lower entrance of the canal and lock No. 20, until the completion of the enlargement of the works on that section. (O.C. Sept. 27, 1890.)

SPECIAL RATES FOR SEASON OF 1897 ONLY.

Sec. 42. For season of 1897 the canal tolls for the passage of the following food products :— Wheat, indian corn, barley, pease, rye, oats, flax seed and buckwheat, for passage eastward through the Welland Canal be ten cents per ton; and for passage eastward through the St. Lawrence Canals only ten cents per ton; payment of the said tolls of ten cents per ton for passage through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals. O.C. April 17th, 1897.

Sec. 43. That for the current season of navigation of 1897, only in the case of steamers specially chartered for the conveyance of excursion parties going and returning the same day, a reduction amounting to one-half of the usual passenger tolls, be allowed for passage through the government canals. O.C. May 5th, 1897.

Sec. 44. Whereas the Canal Tolls payable for passage through the Welland and St. Lawrence Canals of barrel staves and headings, are 40 cents per 1,000 in the case of ordinary materials, such as those for sugar and flour barrels; while in the case of staves and headings for salt barrels the charge is 8 cents per 1,000 only.

And whereas application is made to have this distinction removed on the ground that sugar and flour cooerage is of the same weight as salt cooerage.

His Excellency in virtue of the provisions of chapter 38 of the Revised Statutes of Canada, intituled "An Act respecting the Department of Railways and Canals," and by and with the advice of the Queen's Privy Council for Canada, is pleased to order that Class 5 of the existing Tariff of tolls for passage through the Canals of the Dominion, established by the Order in Council of the 25th March, 1895, shall be and the same is hereby amended to the effect, and to that effect only, of removing the distinction between ordinary and salt barrel staves and headings, and making the tolls payable for these articles the same namely, those at present charged on salt barrel staves and headings, on all the Canals of the Dominion. (O.C. May 28th 1897.)

SPECIAL RATES ON SAND AND STONE.

Sec. 45. On the recommendation of the Acting Minister of Railways and Canals, the rate of tolls on sand and stone used in the construction of the bridge being built at Cornwall by the Ottawa and New York Railway was reduced from 15 and 20 cents to $7\frac{1}{2}$ and 10 cents respectively. O.C. August 27th, 1898.

Intentionally Left Blank

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010740038