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CANAL STATISTICS

FOR

THE SEASON OF NAVIGATION

1898 ✓

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1898

CANAL REPAIRS

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THE STATION OF THE CANAL

1898

OFFICE OF THE DEPUTY MINISTER AND CHIEF ENGINEER,

OTTAWA, Ont., 22nd June, 1899.

L. K. JONES, Esq.,

Secretary, Department of Railways and Canals.

Ottawa.

SIR,—I have the honour to submit the statistics of the Canals under my charge for the season of navigation of 1898, which have been prepared by Mr. Richard Devlin the officer in charge of the Canals Statistical Office.

I have the honour, to be, your obedient servant,

COLLINGWOOD SCHREIBER,

Chief Engineer Railways & Canals.

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CANAL STATISTICS

FOR

SEASON OF NAVIGATION 1898

REVENUE.

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

For 1897	\$ 346,758 87
For 1898.....	341,679 23

By comparing the statistics of 1897 with 1898, it will be seen that the gross revenue has decreased \$5,079.64.

The increases and decreases are as follows :—

	Increase.	Decrease.
On the Welland Canal.....		\$ 19,935 82
" St. Lawrence Canal.....	\$ 17,353 03	
" Chambly Canal.....		3,982 47
" Ottawa Canals.....	2,888 34	
" Rideau Canal.....		1,402 32
" St. Peters Canal.....	27 62	
" Trent Valley Canals.....		59 02
" Murray Canal.....	29 00	
" Sault Ste. Marie Canal.....		
Total.....	\$ 20,297 99	\$ 25,377 63
Total decrease.....		5,079 64

STATEMENT of the Revenue, together with the increases and decreases of all the Canals for the seasons of Navigation from 1889 to 1898, inclusive.

Years.	Revenue.	Increase.	Decrease.
1889	\$ 381,109 31	\$ 59,675 38	
1890	338,059 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
1898	341,679 23		5,079 64

In compliance with the renewed request of forwarders and shippers of Montreal and the management of the Canada Atlantic Railway Co., for a reduction of tolls on certain agricultural products, His Excellency the Governor General in Council on 1st June, 1898, authorized a reduction of canal tolls, as follows :—

For the season of 1898 the canal tolls for the passage of the following food products, wheat, indian corn, pease, barley, rye, oats, flax-seed and buckwheat for through passage

eastward through the Welland Canal, shall be 10 cents per ton, and for through passage eastward through the St. Lawrence Canals, only 10 cents per ton, payment of the said tolls of 10 cents per ton for passage through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals, or any portion thereof; further, in the case of any of the above-named products brought down from Parry Sound over the line of the Canada Atlantic Railway Company to their elevator at Coteau Landing, the through rate thereon from that point to Montreal, to be 5 cents per ton.

In consequence of the reduced rate of tolls, as above, being applicable to the said food products, irrespective of their destination, the reduced rate of 10 and 5 cents a ton respectively only was collected, and therefore no refunds were made on these articles for 1898.

It may be observed, however, that the reduction of tolls from 20 to 10 cents per ton on the articles referred to, for passage through the Welland Canal, amounts to \$68,887.30.

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 seventeen 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
1898.....	519,532	31,279	144,612

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 10 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.

*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; in 1897, 89,659, and in 1898, 49,257.

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

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

For the year 1898 (O.C., June 1, 1898,) the same rate of tolls was allowed as was granted for the year 1897.

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 267,769 tons in 1889 to 519,532 tons in 1898 ; and the quantity passed down the Welland Canal from United States ports to United States, has decreased from 213,766 to 144,612 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 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
1898	293,391

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 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
1898	575,097

DEPARTMENT OF RAILWAYS AND CANALS.

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 1897.....	604,200
1898.....	675,097
	<hr/>
Showing a decrease of.....	<u>29,103</u>

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

	Tons.
For 1897.....	228,611
1898.....	293,391
	<hr/>
Showing an increase of.....	<u>64,780</u>

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

	Tons.
For 1897.....	569,362
1898.....	459,404
	<hr/>
Showing a decrease of.....	<u>109,958</u>

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

	Tons.
For 1897.....	4,132,740
1898.....	5,371,500
	<hr/>
Showing an increase of.....	<u>1,238,760</u>

The increases and decreases for 1898 as compared with 1897 on the several routes, competing for the carrying trade to the seaboard, are as follows:—

—	Increase.	Decrease.	Increase per cent.	Decrease.
On the St. Lawrence Canals.....		29,103		5.06
do Canadian Pacific and Grand Trunk Railways.....	64,780		28.34	
do New York Canals.....		109,958		23.95
do do Railways.....	1,238,760		29.97	

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 204,315 tons in 1887 to 258,871 tons in 1898, and the quantity to Ontario ports, between Port Dalhousie and Cornwall, has increased from 67,632 tons in 1887 to 110,893 tons in 1898. The quantity passed down to Montreal shows an increase from 213,834 tons in 1887 to 539,305 tons 1898.

TRANSHIPMENT OF GRAIN.

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

In Canadian vessels there were in—

		Tons.
1885,	75 Cargoes, with an aggregate quantity of	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
1898,	166 do do	224,021

In United States vessels there were in—

		Tons.
1885,	79 Cargoes, with an aggregate quantity of	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
1898,	339 do do	464,852

Seven vessels took cargoes of 2,436 tons through to Montreal intact in 1898, seven of 2,324 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. Twenty-five vessels lightened a portion of their cargoes in 1898, against 11 in 1897, 16 in 1896, 6 in 1895, 19 in 1894, 34 in 1893, 25 in 1892, and 44 in 1891; 473 vessels discharged the whole of their cargoes at Kingston in 1898, against 359 in 1897, 335 in 1896, 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 1898 and the four previous years is given below.

The total number of grain laden vessels lightened at this port in 1898 was 58, against 147 the previous year.

The quantity of grain lightened was as follows :—

Articles.	1894.	1895.	1896.	1897.	1898.
	Bush.	Bush.	Bush.	Bush.	Bush.
Wheat	104,827	322,662	660,190	642,927	239,518
Corn	260,657	870,705	908,833	697,508	313,689
Rye	Nil	Nil	8,197	Nil	37,380
Oats	63,412	71,648	79,585	12,527	Nil
Barley .....	.....	21,003	6,377	5,119	5,669

WELLAND CANAL.

The total quantity of freight passed on the Welland Canal during the season of 1898 was 1,140,077 tons ; of this quantity 19,347 tons were way or local freight.

There were 916,671 tons of freight passed eastwards, and 223,406 tons passed westwards.

East and west bound through freight.

The total quantity of through freight passed through the whole length of the Welland Canal during the season of 1898 was 1,120,730 tons.

Of this quantity 902,519 tons were east bound and 218,211 west bound freight.

Of the east bound through freight Canadian vessels carried 302,625 tons and United States vessels carried 599,894 tons ; and of the west bound through freight Canadian vessels carried 7,661 tons, and United States vessels carried 210,550 tons, or a total of 310,286 tons for Canadian and 810,444 tons for American vessels.

ST. LAWRENCE CANALS.

The total quantity of freight passed through these canals during 1898 was 1,439,134 tons, of this quantity 1,235,003 tons passed eastward and 204,131 tons passed westward.

East and west bound through freight.

The total quantity of through freight was 813,704 tons ; of this quantity 783,976 tons were east bound and 29,728 tons were west bound.

Way freight.

Of the total quantity of (way) or local freight 451,027 tons were east bound and 174,403 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 Montrea.. Tons.	Westward from Montreal. Tons.
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	13,951
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
1898.....	538,108	4,436

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.
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
1898.....	277,023	210,516	487,539

The total quantity of freight passed through the Welland Canal from United States ports to United States ports shows a decrease of 77,155 tons, as compared with the previous year; and an increase of 80,460 tons, as compared with 1884.

DEPARTMENT OF RAILWAYS AND CANALS.

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 1898 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	533,584
1890	2,883	1,016,165	533,957
1891	2,594	975,013	553,800
1892	2,615	955,554	541,065
1893	2,343	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
1898	2,384	1,140,077	487,539

The total quantity of freight passed through the several divisions of the canals during the season of 1898 is as follows:—

	Farm Stock.	Forest Produce of Wood.	Manufactures.	Merchandise.	Agricultural Products.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland	9	140,031	32,203	235,364	732,470	1,140,077
St. Lawrence	1,106	61,502	76,285	348,091	952,150	1,439,134
Chambly	234	155,939	6,152	99,539	9,472	271,336
Ottawa	1,684	538,250	649	3,200	6,203	549,986
Rideau	19	30,238	2,395	18,989	3,305	54,946
St. Peters	40	5,878	1,449	50,666	6,457	64,490
Murray	6	4,037	3,235	5,067	3,198	15,543
Trent Valley	249	26,606	248	151	422	27,676

The total quantity of freight moved on the Welland Canal was 1,140,077 tons, of which 732,470 tons were agricultural products.

On the St. Lawrence Canals the total quantity of freight moved was 1,439,134 tons, of which 952,150 were agricultural products, and 348,091 tons were merchandise

On the Ottawa Canals the total quantity of freight moved was 549,986 tons, of this quantity 538,250 tons were the produce of the forest.

STATISTICAL COMPARISON 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 653,027 tons in 1898, 744,575 tons in 1897, 957,182 tons in 1896, 602,505 in 1895, 1,400,129 in 1894, 1,450,116 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 1898.....	7,060,542	In 1887.....	*3,847,766
1897.....	5,673,638	1886.....	*3,802,262
1896.....	5,183,540	1885.....	4,105,594
1895.....	3,798,574	1884.....	3,639,805
1894.....	4,281,056	1883.....	4,422,461
1893.....*	5,107,426	1882.....	3,885,557
1892.....	5,913,013	1880.....	4,732,385
1891.....	3,565,381	1869.....	1,087,809
1890.....	4,336,199		
1889.....	3,654,984		
1888.....	3,197,734		

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 thirty 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
1898.....	653,027	7,060,542	7,713,569	.085

*Flour and grain only.

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 :—

	Per cent.		Per cent.
In 1859.	68·9	In 1884.	19·0
1869.	47·0	1885.	17·1
1879.	38·9	1886.	16·9
1871.	38·9	1887.	16·3
1872.	40·1	1888.	18·8
1873.	34·9	1889.	15·1
1874.	31·7	1890.	13·9
1875.	28·4	1891.	13·4
1876.	24·6	1892.	9·8
1877.	28·3	1893.	10·1
1878.	27·1	1894.	10·2
1879.	23·7	1895.	9·7
1880.	25·1	1896.	8·5
1881.	18·5	1897.	8·3
1882.	19·0	1898.	6·9
1883.	18·7		

The quantity of freight carried by the canals and railways was greater in 1898 by 5,599,518 tons than the quantity carried in 1897, and an increase of 36,857,856 tons over 1869.

The quantities carried were as follows :—

	Total Tonnage.	Proportion by Canals.
In 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

	Total Tonnage.	Proportion by Canals.
In 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
1898	49,311,030	·0682

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

Year.	Wheat.	Year.	Wheat.
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	1898.....	1·5
1888.....	2·7		
1889.....	2·5	Average twenty years.....	2·6

COMPARATIVE STATEMENT of the Commerce through the United States, St. Mary's Falls Canal and Canadian Sault Ste. Marie Canal, for the seasons of 1897 and 1898.

	TRAFFIC FOR 1898.		TOTAL TRAFFIC FOR		INCREASE.	DECREASE.
	United States Canal.	Canadian Canal.	Season of 1898.	Season of 1897.	Amount.	Amount.
Vessels.	Number.	14,058	3,675	17,733	17,080	655
Lockages.	"	7,008	2,520	9,528	8,571	957
Tonnage, registered.	Net tons.	15,871,609	2,757,630	18,629,239	17,621,318	1,007,921
" freight.	"	18,184,151	3,055,287	21,239,438	18,986,689	2,252,749
Passengers.	Number.	27,558	16,584	44,142	40,450	3,692
Coal, (hard).	Net tons.	465,188	67,445	532,633	534,726	2,093
" (soft).	"	2,669,904	573,067	3,242,971	2,507,049	735,922
Flour.	barrels.	6,917,025	847,048	7,764,073	8,908,201	1,144,128
Wheat.	bushels.	52,693,452	9,746,452	62,439,904	55,931,779	6,508,125
Grain (excluding wheat).	"	22,950,940	3,188,177	26,139,117	24,968,136	1,170,981
Manufactured and Pig Iron.	net tons.	237,150	13,655	250,805	136,703	114,102
Salt.	barrels.	271,783	32,370	304,153	290,014	14,139
Copper.	net tons.	118,403	3,515	121,918	130,077	8,159
Iron ore.	"	9,841,124	1,831,731	11,672,855	10,621,440	1,051,415
Lumber.	ft. B. M.	885,176,000	13,611,580	898,787,580	802,240,156	96,547,424
Silver ore.	net tons.				5	5
Building stone.	"	4,670	2,493	7,163	8,262	1,099
†Unclassified freight.	"	544,259	72,697	616,956	588,324	28,632

† Included in unclassified freight for,—

	1897.	Tons.	1898.	Tons.
Wool.		2,905		2,601

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

1889.....	234 days.
1890.....	228 "
1891.....	225 "
1892.....	233 "
1893.....	219 "
1894.....	234 "
1895.....	231 "
1896.....	232 "
1897.....	234 "
1898.....	241 "

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

1895.....	87 days.
1896.....	218 "
1897.....	238 "
1898.....	243 "

The average number of vessels passing per day through the two canals for the season of 1898 was seventy-four.

R. DEVLIN,
Compiler of Canal Statistics.

OTTAWA, June 8, 1899.

SHIPMENTS of Grain (in Transit through Canada and Export) by Lake from Chicago during 1898.
(From Report of Board of Trade, Chicago.)

SHIPPED TO.	BARLEY.	CORN.		OATS.		RYE.		WHEAT.		TOTALS.
	Export.	Transit.	Export.	Transit.	Export.	Transit.	Export.	Transit.	Export.	
	Bush.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	
Sarnia, Ont.		247,215		2,961,047						3,208,262
Collingwood, Ont.		138,145	289,060							427,205
Depot Harbor "		759,771	2,338,604		46,375		64,830		609,450	3,819,030
Kingston "			4,258,096		180,150		124,650		758,482	5,321,378
Midland "		916,553	2,599,759					312,018		3,828,330
Owen Sound "		327,075	1,529,383						134,000	1,990,458
Parry Sound "		309,708	3,238,235		50,000				202,100	3,800,043
Prescott "	223,929		3,940,666				204,610		406,078	4,775,283
Totals.	223,929	2,698,467	18,193,803	2,961,047	276,525	.....	394,090	312,018	2,110,110	27,169,989

EXPORTS, by Lake from Chicago to Canada during the Season of Navigation in 1898.

(From report of Board of Trade, Chicago.)

Commodities.		Quantity.	Value.
			\$ cts.
Barley.....	Bush.	223,929	89,708 00
Corn.....	"	18,193,803	6,391,443 00
Flaxseed.....	"	181,760	159,353 00
Oats.....	"	276,525	84,927 00
Rye.....	"	394,090	196,937 00
Wheat.....	"	2,110,110	1,853,899 00
Grass seed.....	Sacks	3,405	3,183 00
Flour.....	Barrels	23,096	90,215 00
Flourine.....	"	900	1,134 00
Cereal foods.....	"	130	527 00
Dextrine gum.....	Sacks	90	360 00
Gluten meal.....	"	1,968	1,574 00
Malt.....	"	3,620	1,833 00
Mill stuffs.....	"	3,520	2,820 00
Starch.....	Pkgs.	25,375	73,695 00
Sugar.....	"	72,246	113,205 00
Glucose.....	Barrels	2,835	33,071 00
Corn oil.....	"	480	5,618 00
Oils.....	"	2,080	12,995 00
Oilcake.....	Sacks	2,265	6,264 00
Cured meats.....	Barrels	277	3,104 00
Grease.....	Tierces	620	6,482 00
Lard.....	"	12,235	205,460 00
Pork.....	Barrels	10,860	115,974 00
Tallow.....	Tierces	1,405	13,971 00
Steel rails.....	Tons	13,977	240,731 00
Steel plates.....	"	3,788	67,572 00
Angle bars.....	"	880	18,439 00
Wire rods.....	"	6,945	118,930 00
Bolts.....	"	10	324 00
Spikes.....	"	37	1,082 00
Hardware.....	Pkgs.	1,551	2,971 00
Cement.....	Sacks	390	60 00
Coal.....	Tons	7	24 00
Soap.....	Boxes	550	1,330 00
Dried fruits.....	Pkgs.	600	1,155 00
Woods (manufactured).....	Feet	1,100	126 00
Miscellaneous merchandise.....		3,849	5,563 00
Total value.....			9,926,059 00

GRAIN FREIGHTS BY LAKE, SEASON OF 1898.

THE following were the current rates of freight on Wheat and Corn from Chicago to Buffalo, Kingston, Odgensburg and Montreal (Steam), also to New York by Lake and Erie Canal, for each week, during the Season of Navigation.

1898.	TO BUFFALO.		TO OGDENSBURG.		TO KINGSTON.		TO MONTREAL (STEAM).		ERIE CANAL, BUFFALO TO NEW YORK.		CHICAGO TO NEW YORK, LAKE AND CANAL, EXCLUSIVE OF BUFFALO CHARGES.	
	Wheat, per bushel.	Corn, per bushel.	Wheat, per bushel.	Corn, per bushel.	Wheat, per bushel.	Corn, per bushel.	Wheat, per bushel.	Corn, per bushel.	Wheat, per bushel.	Corn, per bushel.	Wheat, per bushel.	Corn, per bushel.
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
April 2...	1 $\frac{1}{4}$	1 $\frac{1}{4}$										
" 9...	1 $\frac{1}{4}$	1 $\frac{1}{4}$					2 $\frac{3}{4}$					
" 16...	1 $\frac{1}{4}$	1 $\frac{1}{4}$					2 $\frac{1}{4}$					
" 23...	1	1					3					
" 30...	1 $\frac{1}{4}$	1 $\frac{1}{4}$					2 $\frac{7}{8}$					
May 7...	1 $\frac{1}{4}$	1 $\frac{1}{4}$		2 $\frac{7}{8}$			2 $\frac{3}{4}$					
" 14...	1	1			3		4 $\frac{3}{4}$		3		4 $\frac{3}{8}$	3 $\frac{3}{8}$
" 21...	1	1		2 $\frac{1}{2}$			2 $\frac{3}{4}$		3		4 $\frac{3}{8}$	3 $\frac{3}{8}$
" 28...	1	1					2 $\frac{1}{2}$		3		4 $\frac{3}{8}$	3 $\frac{3}{8}$
June 4...	1 $\frac{1}{4}$	1 $\frac{1}{4}$			2 $\frac{1}{4}$		4		3		4 $\frac{3}{8}$	3 $\frac{3}{8}$
" 11...	1 $\frac{1}{4}$	1				1 $\frac{3}{4}$			3		4 $\frac{1}{4}$	3 $\frac{3}{8}$
" 18...	1 $\frac{1}{4}$	1							2 $\frac{3}{4}$		4	3 $\frac{3}{8}$
" 25...	1 $\frac{1}{4}$	1				1 $\frac{5}{8}$		3 $\frac{1}{4}$	3		4 $\frac{1}{4}$	3 $\frac{3}{8}$
July 2...	1 $\frac{3}{8}$								3		4 $\frac{3}{8}$	3 $\frac{3}{8}$
" 9...	1			1 $\frac{5}{8}$		1 $\frac{5}{8}$		3 $\frac{1}{4}$	3		4	3 $\frac{3}{8}$
" 16...	1 $\frac{1}{4}$			1 $\frac{5}{8}$		1 $\frac{3}{8}$			3		3 $\frac{7}{8}$	3 $\frac{3}{8}$
" 23...	1 $\frac{1}{4}$	1		1 $\frac{5}{8}$		1 $\frac{3}{8}$			3 $\frac{1}{2}$		4	3 $\frac{3}{8}$
" 30...	1 $\frac{1}{4}$	1 $\frac{1}{8}$		1 $\frac{7}{8}$		1 $\frac{5}{8}$		3 $\frac{1}{2}$	2 $\frac{1}{4}$		4	3 $\frac{3}{8}$
Aug. 6...	1 $\frac{1}{4}$	1			2			3 $\frac{3}{4}$	2 $\frac{1}{4}$		3 $\frac{7}{8}$	3 $\frac{3}{8}$
" 13...	1 $\frac{1}{4}$	1				2		3 $\frac{5}{8}$	2 $\frac{1}{4}$		4 $\frac{1}{2}$	3 $\frac{3}{8}$
" 20...	1	1				2 $\frac{1}{8}$		3 $\frac{3}{4}$	2 $\frac{1}{4}$		4 $\frac{1}{2}$	3 $\frac{3}{8}$
" 27...	1	1				2 $\frac{5}{8}$		3 $\frac{3}{4}$	2 $\frac{1}{4}$		4 $\frac{1}{2}$	3 $\frac{3}{8}$
Sept. 3...	1 $\frac{1}{4}$	1 $\frac{1}{4}$			2 $\frac{1}{2}$			4 $\frac{1}{4}$	2 $\frac{1}{4}$		4 $\frac{1}{4}$	3 $\frac{3}{8}$
" 10...	1 $\frac{1}{4}$	1						4	2 $\frac{1}{4}$		4	3 $\frac{3}{8}$
" 17...	1 $\frac{1}{4}$	1			2 $\frac{1}{4}$			4	2 $\frac{1}{4}$		3 $\frac{3}{4}$	3 $\frac{3}{8}$
" 24...	1 $\frac{1}{4}$	1 $\frac{1}{4}$				3			2 $\frac{1}{4}$		4 $\frac{1}{2}$	3 $\frac{3}{8}$
Oct. 1...	1 $\frac{1}{4}$	1				3			2 $\frac{1}{4}$		4 $\frac{1}{2}$	3 $\frac{3}{8}$
" 8...	2	1 $\frac{1}{4}$				3 $\frac{1}{2}$			2 $\frac{1}{4}$		4 $\frac{1}{4}$	4 $\frac{1}{4}$
" 15...	2	1 $\frac{3}{4}$				3 $\frac{1}{2}$			2 $\frac{1}{4}$		4 $\frac{1}{4}$	4 $\frac{1}{4}$
" 22...	2 $\frac{1}{4}$	2							2 $\frac{1}{4}$		5 $\frac{1}{8}$	5 $\frac{1}{8}$
" 29...	2 $\frac{1}{2}$	2 $\frac{1}{4}$							3		5 $\frac{1}{8}$	5 $\frac{1}{8}$

Nov.	5...	$2\frac{3}{4}$	$2\frac{1}{2}$										
"	12...	$2\frac{3}{4}$	$2\frac{1}{4}$				$3\frac{7}{8}$		$5\frac{1}{8}$	3	$2\frac{5}{8}$	$5\frac{3}{8}$	$5\frac{1}{8}$
"	19...	$2\frac{1}{4}$	2				4		$5\frac{1}{8}$	3	$2\frac{5}{8}$	$5\frac{1}{8}$	$4\frac{1}{8}$
"	26...	$2\frac{1}{4}$	2	$4\frac{1}{4}$					$5\frac{1}{8}$	$2\frac{7}{8}$	$2\frac{5}{8}$	$5\frac{1}{8}$	$4\frac{1}{8}$
2 Dec.	3...	$2\frac{1}{4}$	2				4		$5\frac{1}{8}$	$2\frac{7}{8}$	$2\frac{5}{8}$	$5\frac{1}{8}$	$4\frac{1}{8}$
"	10...	$2\frac{1}{4}$	2		$4\frac{1}{2}$								
"	17...	$2\frac{1}{4}$	2										

DEPARTMENT OF RAILWAYS AND CANALS.

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 1898 (as reported by the Secretary of Merchant's Exchange, Buffalo.)

1898.			1898.				
		Wheat, Bushels.	Corn, Bushels.				
Opening.		cts.	cts.	Opening.			
April	2	15 ⁵ / ₈	1 ¹ / ₂	Aug.	9	1 ¹ / ₄	1 ¹ / ₂
do	4		1 ¹ / ₄ to 1 ³ / ₈	do	10		1 ¹ / ₂
do	6		1 ¹ / ₈ to 1 ¹ / ₄	do	18		1 ¹ / ₈ to 1 ¹ / ₄
do	7		1 to 1 ¹ / ₄	do	20	1 ¹ / ₄ to 1 ³ / ₈	1 ¹ / ₈ to 1 ¹ / ₄
do	8		1	do	22		1 ¹ / ₂
do	9	1 ¹ / ₄	1 ¹ / ₂	do	31	1 ¹ / ₄	1 ¹ / ₄
do	11		1 ¹ / ₂	Sept.	1	1 ¹ / ₄	1 ¹ / ₂
do	13	1 ³ / ₈	1 ¹ / ₂	do	17	1 ³ / ₈	1 ¹ / ₄
do	14		1 ¹ / ₄	do	21	1 ¹ / ₂	1 ¹ / ₄
do	16		1 ¹ / ₂	do	22	1 ³ / ₈	1 ³ / ₈ to 1 ³ / ₂
do	18		1 to 1 ¹ / ₂	do	24		1 ³ / ₈
do	20	1 ¹ / ₄	1 ¹ / ₂	do	26		1 ¹ / ₂ to 1 ³ / ₈
do	26		1 ¹ / ₂	do	27	2	1 ¹ / ₄
May	2	1 ³ / ₈	1 ¹ / ₄	Oct.	4	1 ⁷ / ₈ to 2	1 ³ / ₈
do	5		1 ¹ / ₄	do	6	2	1 ³ / ₈
do	9	1	1 ¹ / ₄	do	7	2	1 ¹ / ₄ to 1 ¹ / ₂
do	10	1 ¹ / ₂	1 ¹ / ₂ to 1 ¹ / ₄	do	8	2 ¹ / ₄	2
do	11	1 ¹ / ₂	1 ¹ / ₄	do	12	2 ¹ / ₂	2 ¹ / ₄
June	2		1	do	15	2 ³ / ₄	2 ¹ / ₂
do	3		1 to 1 ¹ / ₂	do	19	3	2 ¹ / ₂ to 2 ³ / ₄
do	4		1	do	20	3 ¹ / ₄	3
do	7		5 ⁷ / ₈ to 1	do	21	3 ¹ / ₈ to 3 ¹ / ₄	3
do	8		1	do	25	3	2 ³ / ₄ to 2 ⁷ / ₈
do	10		1	do	26	2 ³ / ₈	2 ¹ / ₂ to 2 ⁵ / ₈
do	13		1	do	27	2 ³ / ₄	2 ⁵ / ₈
do	15		1	do	31		2 ¹ / ₂
do	18		5 ⁷ / ₈ to 1	Nov.	2		2 ¹ / ₄
do	20		5 ⁷ / ₈ to 1	do	4	2 ¹ / ₂	2 ¹ / ₄
do	27		5 ⁷ / ₈ to 1	do	5		2 ¹ / ₄
do	28		5 ⁷ / ₈ to 1	do	7		2 ¹ / ₂ to 2 ¹ / ₄
do	29		5 ⁷ / ₈ to 1	do	8		2 ¹ / ₄
July	1		1	do	11		2 ¹ / ₂
do	21		1	do	15	2 ¹ / ₄	2
do	26		1	Dec. 1 to close.		2	1 ³ / ₄

NOTE.—Corn from Chicago to Kingston ranged from 1⁵/₈ to 3⁷/₈ cents, and wheat, 3 cents per bushel during the season. Corn to Port Huron, ³/₄ to 1³/₄ cents.
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.	June.	July.	Aug.	Sept.	Oct.	Nov.
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
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, 5½c.; 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, 1.2c.

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, 1897, 2¾c.; lowest, 1c.; average for the season, 1.5c.

1898 { Wheat.....	1.3	0.1	0.9	1.2	1.4	2.5	2.3
1898 { Corn.....	1.2	0.8	0.8	1.1	1.3	2.3	2.1

Highest rate, wheat, 1898, 3½c.; lowest, 1¼c.; average for the season, 1.5c.

DEPARTMENT OF RAILWAYS AND CANALS.

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 1898 :—

1898.	Wheat, Bushels.	1898.	Wheat, Bushels.
	Cts.		Cts.
April 16.....	1 $\frac{3}{4}$	Oct. 12.....	2 $\frac{3}{4}$
" 22.....	1 $\frac{1}{4}$	" 13.....	3
May 3.....	1 $\frac{1}{2}$	" 17.....	3 $\frac{1}{4}$
" 13.....	1 $\frac{3}{4}$	" 20.....	3 $\frac{1}{2}$
June 14.....	1 $\frac{1}{4}$	" 26.....	3 $\frac{1}{4}$
July 1.....	1	Nov. 1.....	3
" 7.....	1 $\frac{1}{4}$	" 5.....	2 $\frac{1}{2}$
Aug. 17.....	1 $\frac{1}{2}$	" 22.....	2 $\frac{3}{4}$
" 22.....	1 $\frac{3}{4}$	" 27.....	2 $\frac{1}{2}$
Sept. 16.....	2	Dec. 1.....	2 $\frac{3}{4}$
" 25.....	2 $\frac{1}{4}$	" 2.....	3 $\frac{1}{2}$
Oct. 11.....	2 $\frac{1}{2}$		

In 1885, the range of freights on wheat, Duluth to Buffalo, was 1 $\frac{1}{2}$ to 5c. ; in 1886, 3 $\frac{1}{4}$ to 8c. ; in 1887, 5 to 8c. ; in 1888, 2 to 5c. ; in 1889, 2 to 5c. ; in 1890, 2 to 5c. ; in 1891, 1 $\frac{1}{4}$ to 9 $\frac{1}{2}$ c. ; in 1892, 2 $\frac{1}{4}$ to 4c. ; in 1893, 1 $\frac{1}{4}$ to 3 $\frac{1}{2}$ c. ; in 1894, 1 $\frac{1}{4}$ to 3c. ; in 1895, 2 to 6c. ; in 1896, 1 $\frac{1}{4}$ to 3c. ; in 1897, 1 to 2 $\frac{1}{2}$ c. ; in 1898, 1 to 3 $\frac{1}{2}$ c. per bushel.

The first departure by lake, at Duluth in 1898, was on April 16th ; in 1896 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 6 $\frac{1}{4}$ to 7 $\frac{3}{4}$ c. ; in 1888, at 4 to 5c. ; in 1889, at — ; in 1890, 5 $\frac{3}{4}$, 5 $\frac{1}{2}$, 4 $\frac{1}{2}$, 4 $\frac{1}{4}$, 4c. ; in 1891, during May, 3 $\frac{3}{4}$, 3 $\frac{1}{2}$, 2 $\frac{1}{2}$ c. ; during June, 3c. ; and on July 25th, 2 $\frac{1}{2}$ c. ; in 1892, 5c. in April ; 5 to 5 $\frac{1}{4}$ c. in May ; 4c. in June ; 4 $\frac{1}{2}$ c. in July ; 3c. in August ; 6 to 6 $\frac{1}{4}$ c. in October ; in 1893, ranged from 5 $\frac{1}{2}$ to 4 $\frac{1}{2}$ c. in April ; 4 $\frac{1}{2}$ to 4 $\frac{3}{4}$ c. in May ; 4 to 3 $\frac{1}{2}$ c. in June ; 2 $\frac{3}{4}$ to 3c. in July ; 3 $\frac{1}{2}$ to 3 $\frac{3}{4}$ c. in September ; no figures quoted after that date. In 1894, ranged from 3 $\frac{1}{4}$ to 3 $\frac{1}{2}$ c. in May ; 3 $\frac{1}{2}$ c. in June ; 2 $\frac{1}{2}$ c. in July ; 2 $\frac{1}{2}$ to 3 $\frac{1}{4}$ c. in August ; 4c. in September ; and 4 $\frac{1}{4}$ c. in October. On August 25th and November 3rd, 1894, wheat to Ogdensburg at 3 $\frac{1}{4}$ c. and 4 $\frac{1}{2}$ c. respectively. In 1895, wheat to Kingston from 3c. to 5c. In 1896, wheat to Kingston from 3c. to 5 $\frac{1}{2}$ c. ; and in 1897, wheat to Kingston 3c. to 3 $\frac{1}{2}$ c. according to time of year ; 1898 not given.

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 1898, on the dates specified, as reported by the Secretary Merchants Exchange Buffalo.

Date, 1898.	Wheat, Bushels.	Date, 1898.	Wheat, Bushels.
	Cts.		Cts.
Opening to October 24th.....	1	November 1st to close of season.	1 $\frac{1}{2}$
October 24th to November 1st	1 $\frac{1}{4}$		

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.; for 1897, 1 to $1\frac{1}{4}$ c., and for 1898, 1 to $1\frac{1}{2}$ 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 $4\frac{1}{2}$ 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 1898, 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 1898 (as reported by the Secretary, Merchants Exchange, Buffalo).

Date, 1898.	Wheat. Bush.	Corn. Bush.	Date, 1898.	Wheat. Bush.	Corn. Bush.
	Cts.	Cts.		Cts.	Cts.
May 21	3	$2\frac{1}{2}$	Sept. 10.....	$2\frac{1}{2}$	$2\frac{1}{8}$
June 2.....	3	$2\frac{1}{4}$	" 20.....	$2\frac{5}{8}$	$2\frac{1}{4}$
" 15.....	$2\frac{3}{4}$	$2\frac{1}{4}$	" 29.....	$2\frac{3}{8}$	$2\frac{3}{8}$
" 25.....	3	$2\frac{1}{2}$	Oct. 4.....	$2\frac{1}{2}$	$2\frac{3}{8}$
July 21.....	$2\frac{7}{8}$	$2\frac{3}{8}$	" 14.....	$2\frac{1}{2}$	$2\frac{1}{2}$
" 22.....	$2\frac{3}{4}$	$2\frac{3}{8}$	" 17.....	3	$2\frac{3}{8}$
" 27.....	$2\frac{3}{4}$	$2\frac{1}{4}$	" 20.....	$3\frac{1}{8}$	$2\frac{3}{4}$
Aug. 3.....	$2\frac{3}{4}$	$2\frac{1}{2}$	" 22.....	$3\frac{3}{8}$	3
" 9.....	$2\frac{3}{8}$	$2\frac{1}{8}$	" 31.....	$3\frac{1}{4}$	$2\frac{3}{8}$
" 19.....	$2\frac{5}{8}$	$2\frac{1}{4}$	Nov. 1.....	$3\frac{1}{4}$	$2\frac{3}{8}$
" 20.....	$2\frac{5}{8}$	$2\frac{1}{4}$	" 4.....	3	$2\frac{3}{8}$
" 29.....	$2\frac{5}{8}$	$2\frac{3}{8}$	" 14 to close.....	$2\frac{7}{8}$	$2\frac{7}{8}$
Sept. 7.....	$2\frac{5}{8}$	$2\frac{1}{4}$			

The freight on oats varied from $1\frac{5}{8}$ to $2\frac{1}{4}$ c. per bushel.

Pine lumber per 1,000 feet, was carried from Buffalo and Tonawanda to New York as follows: Opened at \$1.25 to \$1.75; changed October 10th to \$2.00 and continued at that rate to the close. Rates to Albany, \$1.50 to \$1.75 and continued to close.

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.
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, 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, 2c. ; Average for the season, 2·8c.							
1898 { Wheat... ..	3·0	2·9	2·8	2·7	2·6	3·0	3·0
1898 { Corn	2·5	2·3	2·4	2·1	2·2	2·6	2·6
Highest rate, wheat, 1898 ; 3·4c. ; lowest, 2·5c. ; 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	to
1882.....	51,501,503	5·4	1·0	
1883.....	65,722,080	4·9	None.	
1884*.....	58,011,800	4·2	do	
1885*.....	52,671,090	3·8	do	
1886*.....	75,570,850	5·0	do	
1887*.....	87,073,570	4·6	do	
1888*.....	73,977,390	3·4	do	
1889*.....	92,290,550	4·8	do	
1890*.....	91,994,680	3·8	do	
1891*.....	135,315,510	3·5	do	
1892*.....	138,872,560	3·5	do	
1893*.....	140,796,410	4·6	do	
1894*.....	105,435,577	3·2	do	
1895*.....	121,225,497	2·2	do	
1896*.....	172,474,664	3·7	do	
1897*.....	204,964,103	2·8	do	
1898*.....	221,383,945	2·8	do	

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

* 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
1898	‡·0381	·0441	·0980	‡·0445	·0491	·1200

a To Buffalo only. b Including Buffalo charges and tolls. ‡ Exclusive of Buffalo charges.

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.	1898.	1897.	1896.	1895.	1894.
		\$	\$	\$	\$	\$
Liverpool	Grain	3435	3360	3350	3200	3250
"	Sacked flour	3766	3681	3430	3400	3316
"	Provisions	4715	4440	4491	4181	4406
Glasgow	Grain	3600	3523	3422	3419	3463
"	Sacked flour	3906	3906	3650	3625	3503
"	Provisions	5250	5250	4997	4969	4659
London	Grain	3500	3400	3348	3329	3288
do	Sacked flour	3725	3612	3528	3513	3493
do	Provisions	4969	4814	4715	4603	4575
Antwerp	"	5250	5109	4969	4828	4688
Hamburg	"	5200	5100	5100	5000	5000
Amsterdam	"	5250	5200	5200	5000	5000
Rotterdam	"	5250	5200	5200	4800	5000
Copenhagen	"	5813	5728	5812	5531	5531
Stockholm	"	6925	6853	6937	6656	6656
Stettin	"	5813	5728	5812	5531	5531
Bordeaux	"	6575	6413	6413	6413	6250

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

The following statement shows the ruling freight rates on coal per net ton in cents from Buffalo to ports named during the season of 1898, for the week ending on the dates specified.

1898 Week ending	Chicago.	Milwaukee.	Duluth and Superior Ports	Green Bay	Gladstone.	Sheboygan.	Toledo.	Racine.	Saginaw.	Bay-City.
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
April 9	20	20	20	20			20	20		
" 16	20	20	20	20			20	20		
" 23	20	20	20	20			20	25		
" 30	20	20	20	20			20	25		
May 7	20	20	20		20			25		
" 14	20	20	20				20			
" 21	20	20	20					25	35	25
" 28	20	20	20				20	25		
June 4	20	20	20				20	25		
" 11	20	20	20	20	20		20			
" 18	20	20	20	20	20		20	25		
" 25	20	20	20	20	20		20	25	35	35
July 2	20	20	20		20		20		35	
" 9	20	20	20		20		20		35	
" 16	20	20	20		20					
" 23	30	30	25		25		20			
" 30	30	30	25	30	25		20	35		
Aug. 6	30	30	25	30		30	20	35	35	25
" 13	25	25	25	25			20			25
" 20	25	25	25		25	30	20	25		25
" 27	30	30	20	30	25		20			
Sept. 3	30	30	20	30			25			
" 10	25	25	20	25	20		25	30		
" 17	25	25	20	25	20		25	30		25
" 24	25	25	20	25	20		25	30		25
Oct. 1	25	25	20		20		25			25
" 8	25	30	20	25	20		25	40		25
" 15	30	50	20		20		20	40		
" 22	50	50	20	40			20	40		
" 29	50	50	20	40	20		20	40		
Nov. 5	40	40	20	50	20		50	40		
" 12	40	40	40	50	40		50	60		
" 19	40	40	40	50	40		50	60		
" 26	40	40	40	50	40		50	60		
Dec. 3	40	40	40	50	40		50	60		
" 10	40	40	40	50	40		50	60		

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 1898 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, Ontario, Manitoba and the North-west Territories.	British Columbia.	Newfoundland and Labrador.	Total.	Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, Ontario, Manitoba and the North-west Territories.	British Columbia.	Newfoundland 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	.....	19,780,470	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
1898	1,440,950	35,596,039	1,744,289	555,706	.....	39,336,984	1,536,413	22,400,622	2,294,356	19,247	26,250,638

CANAL STATISTICS.

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 1898 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	29,800,295	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	1,129,440	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	230,655	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	5,288,339	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	563,180	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	12,039,492	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	71,507,575
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
1898 . . .	18,931,226	3,775,038	39,336,984	2,625,521	4,763,587	11,587,069	33,276,696	3,807,811	26,250,638	5,543,843	1,728,780	10,411,607	81,019,375

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 1898 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	316,660,281	859,920,536	1,194,045,627	26.5
1878	12,965,999	146,499,232	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	615,287,007	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	78,841,522	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	83,101,742	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
1898.....	30,427,784	93,535,867	492,086,003	73,283,704	67,792,150	1,090,406,476	103,711,488	161,328,017	1,582,492,479	1,847,531,984	9.30

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 1898.

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	2,232,835	20,663,676
1898.....	27,277,049	12,059,935	39,336,984	22,792,971	3,457,667	26,250,638

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

C.--TABLE showing the Tonnage of the undermentioned Articles moved

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.....	9,200	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
1898.....	1,854	69,986	364,248	89,906	76,244	7,745	43,044

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

on all Canals in the State of New York, during a series of thirty 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	8,885	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
653,027	6,288	101,216	85,525	626,616	73,199	892,844

D.—TABLE showing the total Tonnage of the undermentioned Articles moved Up and Down

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	23,178	9,405	56,591
1897.....	9,065	324,743	390,615	14,173	25,161	8,483	44,674
1898.....	5,578	207,647	437,861	12,286	17,502	16,127	23,182

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

through the Welland Canal, during a period of Twenty-eight years, ended 31st Dec., 1898.

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	543,367
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
306,482	.....	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
720,183	1,444	11,722	799	734	162,336	13,433	190,468

E.—Table showing the tonnages of the undermentioned Articles Cleared at Buffalo and Tonawanda, for transit through the Erie Canal, for a series of thirty 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	1,353,591	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	.....	35·32
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	.....	12·44
1898.		64,760	354,917	85,359	74,336	7,367	20,818	607,557	.....	22·74

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
1898.....	160	2,111	5,886	1,450	16	.....	784	10,407	.....	96·12

* Apples, meal all kinds, potatoes.

F.—TABLE showing the Total Way and Through Tonnage of the undermentioned Articles cleared downward on the Welland Canal, during a series of Twenty-eight Years, ended 31st December, 1898.

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	403,923
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	512,933
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
1898	5,578	206,313	437,849	12,286	17,491	16,127	23,170	718,814

* 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 eight Years, ended 31st December, 1898.

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	14,834	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	193,777	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
1898	4,212	11,268	150,667	6,909	12,732	1,197	22,671	209,656	770	339	4	156,814		157,927

CANAL STATISTICS.

* Apples, meals all kinds, pease, potatoes.

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-eight years, ended 31st December, 1898.

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 cleared 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.....	1,498,984	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	3,885,557	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.....	1,452,563	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
1898.....	653,027	720,183	7,060,542	607,557	10,407	209,656

*Fiscal.

1.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne during the seasons of Navigation in 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897 and 1898.

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	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
	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				34,000		352,408
Firewood..... Cords.		179		201						380
	317	106,048	427	118,071	208	172,873	268	92,442	1220	489,434
1889.		Tons.		Tons.		Tons.		Tons.		Tons.
Wheat		38,127		28,054		1,679		46,767		114,627
Corn		60,218		42,819		152,858		96,700		353,595
Barley										
Oats		320				25,347		2,145		27,812
Pease										
Rye		948		634		336				1,918
Coal		3,976		21,148		712		1,664		27,500
Miscellaneous merchandise ..		6,339		5,749		25,082		3,030		40,200
Shingles, woodenware, &c....				1				51		52
Sawed lumber Ft. B.M.		5,789,226		11,632,330		11,792,850		21,026,211		50,240,617
Square timber..... Cub. ft.		924,645		2,934,989						3,859,634
Staves..... No.		35,700		174,649						220,349
Firewood..... Cords.				46						46

I.—STATEMENT showing the Quantity of Through 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.
	193	100,107	143	58,652	390	375,682	236	122,326	962	656,767
1893.	Tons.	Tons.	Tons.	Tons.	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.	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.	771,328	1,578,981			2,350,309					
Staves..... No.										
Firewood..... Cords										
	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	30,723	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										

I.—STATEMENT showing the Quantity of Through 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.
	224	122,521	181	82,543	343	337,983	163	96,506	911	639,553
1896.	Tons.	Tons.	Tons.	Tons.	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	274,355	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		
No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	
216	126,398	104	59,532	354	355,702	195	108,720	869	650,352	
1898.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	95,567	36,157	54,934	18,355	205,013					
Corn.....	56,538	30,455	284,059	66,761	437,813					
Barley.....	.....	.....	9,465	2,821	12,286			
Oats.....	.....	.....	17,329	.....	17,329		
Pease.....	260	.....	45	.....	305			
Rye.....	3,564	1,480	9,135	1,948	16,127					
Coal.....	575	1,916	759	2,620	5,870					
Miscellaneous merchandise..	19,385	4,104	47,271	8,758	79,518					
Shingles, woodenware, &c....	2	9	.....	.....	11			
Sawed lumber..... Ft. B.M.	4,910,669	1,641,733	16,220,972	24,484,283	47,257,707					
Square timber..... Cub. ft.	825,545	1,183,821	.....	388,410	2,397,776				
Staves..... No.	.....	.....	.....	.....	.....
Firewood..... Cords.	249	.....	.....	.....	249		

STATEMENT showing the Quantity of Through Freight passed up the Welland Canal in Canadian and United States. Vessels during the Season of 1898.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	208	127,509	104	53,103	336	348,241	137	80,887	785	614,740
1898.	Tons.		Tons.		Tons.		Tons.		Tons.	
<i>Class 3.</i>										
Cement and Water Lime.....		996								996
Fish.....		10				87				97
Iron railway.....										
" Pig.....										
" All other.....		1,248				15				1,263
Salt.....		35				4				39
Steel.....		19				183				202
Articles not enumerated.....		416				470		5		891
<i>Class 4.</i>										
Crockery and Earthenware..		52				1				53
Marble.....										
Manilla.....						112				112
Nails.....		313								313
Paint.....		31								31
Pitch and tar.....		44								44
Sugar.....		634				5,261				5,895
Tin.....		237				34				271
Merchandise not enumerated.		2,129				48,151				50,280
<i>Class 5.</i>										
Produce of wood.....		561				172				733
<i>Special Class.</i>										
Coal.....		985				121,907		34,148		157,041
Unenumerated articles.....										
Total.....		7,661				176,397		34,153		218,211

Canadian steam vessels carried.....	7,661
" sailing vessels carried.....	
United States steam vessels carried.....	176,397
" " sailing vessels carried.....	34,153

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 1898, is as follows:—

SUMMARY.	Tons.	Tons.
In Canadian steam vessels.....	7,661	
do sail do		
Total quantity in Canadian vessels..		7,661
In United States steam vessels..	176,397	
do sail do	34,153	
Total, in United States vessels.....		210,550
Grand total freight passed up the Welland Canal in Canadian and United States vessels		218,211

STATEMENT of the Quantity of Through Freight passed Up and Down on the Welland Canal during the Season of Navigation in 1898.

SUMMARY.	Tons.	Tons.
In Canadian steam vessels up.....	7,661	
do do down	202,077	
Total in Canadian steam vessels.....		209,738
In Canadian sail vessels up.....		
do do down	100,548	
Total in Canadian vessels.....		100,548
Total quantity in Canadian sail vessels		310,286
In United States steam vessels up.....	176,397	
do do down.....	450,042	
Total in United States steam vessels		626,439
In United States sail vessels up.....	34,153	
do do down.....	149,852	
Total in United States sail vessels.....		184,005
Total quantity in United States vessels.....		810,444
Total in Canadian and United States vessels		1,120,729
	East bound.	West bound.
In Canadian vessels	302,625	7,661
In United States vessels.....	599,894	210,550
Total.....	902,519	218,211

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole Lawrence Canals, to Montreal, during the Seasons of Navigation in 1886, 1887, 1888, 1889, 1890, 1891, 1896, 1897 and 1898.

Articles.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Cement and water lime.....											12		
Clay, lime and seed.....												38	52
Iron, pig.....						371			195	79	5		
do all other.....	15		418						1	1,766	2,020	7,564	6,217
Steel.....										394	542	375	1,351
Stone for cutting.....											200		
Apples.....	49	33					54		50	28	1,263		
Barley.....								600	258	959	240		3,960
Corn.....	116,517	24,609	66,443	195,350	139,798	52,539	53,689	278,564	60,661	70,235	182,330	267,583	310,498
Flaxseed.....												3,293	5,687
Flour.....	2,934	6,140	3,865	6,841	3,065	3,324	2,874	5,514	16,503	30,916	11,964	1,029	653
Meal, all kinds.....	125	87	100	148	222	67	16		4	65			
Oats.....				320	479			9,761	175	1,654	12,373	6,847	3,975
Pease.....	608	362				390	524				3,020	2,078	260
Rye.....				1,284	1,120	64,978	9,119	3,669			8,323	8,435	15,488
Salt.....												216	144
Seeds, all kinds.....	33		12	3	2	2	75				20		
Tobacco, raw.....	25					1						51	
Wheat.....	86,815	160,063	93,915	70,815	75,515	159,785	194,281	209,212	212,557	158,643	255,198	278,498	184,154
All other agricultural products, vegetable.....		17		798	3	2			29		29		56
Hides, skins, horns and hoofs.....							20						
Horses.....	1	1	2	2	3	2	2	1	1	1	1	1	4
Lard and lard oil.....	22		54			100							
Pork.....	936	418	265	1,220	221	201			717		1		
All other agricultural products, animal.....	68	29	39	32	117		103						
Total, Class 3.....	208,148	191,759	165,113	276,813	220,545	281,762	260,757	507,321	201,151	264,740	477,541	576,008	532,499
<i>Class 4.</i>													
Ashes.....	44	113	85	107	70	40	17	23	19	34	94	133	73
Crockery.....											5		

CANAL STATISTICS.

J.—STATEMENT of Large Class of Vessels 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 1898.

CANADIAN STEAM VESSELS.

Table with 40 columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions (Length, Width, Depth), Depth of Water on Arrival (Forward, Aft), Original Cargo to the Welland Canal (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway in Tons, Grain Cargo and Rolling Freight through Welland Canal, Total Cargo through Canal, Depth of Water, Midship through Canal, Destination, Cost of Lighterage per bushel, Time occupied in Lightage.

CANADIAN SAILING SAIL.

Table with 40 columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions (Length, Width, Depth), Depth of Water on Arrival (Forward, Aft), Original Cargo to the Welland Canal (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway in Tons, Grain Cargo and Rolling Freight through Welland Canal, Total Cargo through Canal, Depth of Water, Midship through Canal, Destination, Cost of Lighterage per bushel, Time occupied in Lightage.

UNITED STATES STEAM VESSELS.

Table with 40 columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions (Length, Width, Depth), Depth of Water on Arrival (Forward, Aft), Original Cargo to the Welland Canal (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway in Tons, Grain Cargo and Rolling Freight through Welland Canal, Total Cargo through Canal, Depth of Water, Midship through Canal, Destination, Cost of Lighterage per bushel, Time occupied in Lightage.

UNITED STATES SAILING VESSELS.

Table with 40 columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions (Length, Width, Depth), Depth of Water on Arrival (Forward, Aft), Original Cargo to the Welland Canal (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Lighterage over Welland Railway in Tons, Grain Cargo and Rolling Freight through Welland Canal, Total Cargo through Canal, Depth of Water, Midship through Canal, Destination, Cost of Lighterage per bushel, Time occupied in Lightage.

RECAPITULATION.

Summary table with 40 columns: Canadian Vessels (Steam, Sail), United States Vessels (Steam, Sail), Total Canadian and United States, and various cargo and tonnage totals.

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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 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897 and 1898.

Articles.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Cement and water lime.....											12		
Clay, lime and seed.....											5	38	52
Iron, pig.....						371			195	79			
do all other.....	15		418						1	1,766	2,020	7,564	6,217
Steel.....										394	542	375	1,351
Stone for cutting.....											200		
Apples.....	49	33					54		50	28	1,263		
Barley.....								600	258	959	240		3,960
Corn.....	116,517	24,609	66,443	195,350	139,798	52,539	53,689	278,564	60,661	70,235	182,330	267,583	310,498
Flaxseed.....												3,293	5,687
Flour.....	2,934	6,140	3,865	6,841	3,065	3,324	2,874	5,514	16,503	30,916	11,964	1,029	653
Meal, all kinds.....	125	87	100	148	222	67	16		4	65			
Oats.....				320	479			9,761	175	1,654		12,373	6,847
Pease.....	608	362				390	524					3,020	2,078
Rye.....				1,284	1,120	64,978	9,119	3,669				8,323	8,435
Salt.....												216	144
Seeds, all kinds.....	33		12	3	2	2	75					20	
Tobacco, raw.....	25					1						51	
Wheat.....	86,815	160,063	93,915	70,815	75,515	159,785	194,281	209,212	212,557	158,643	255,198	278,498	184,154
All other agricultural products, vegetable.....		17		798	3	2			29		29		56
Hides, skins, horns and hoofs.....							20						
Horses.....	1	1	2	2	3	2	2	1	1	1	1	1	4
Lard and lard oil.....	22		54			100							
Pork.....	936	418	265	1,220	221	201			717		1		
All other agricultural products, animal.....	68	29	39	32	117		103						
Total, Class 3.....	208,148	191,759	165,113	276,813	220,545	281,762	260,757	507,321	201,151	264,740	477,541	576,008	532,499
<i>Class 4.</i>													
Ashes.....	44	113	85	107	70	40	17	23	19	34	94	133	73
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.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Furniture.....	6	9	2		1	2	1		2			1	
Glass, all kinds.....			3		1	1					9	53	75
Molasses.....	28									100	167	9	56
Nails.....		1											
Oil.....	6	14		4	6					6	23	112	1,141
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	4
Merchandise, not enumerated....	100	72	105	193	142	278	36	4	330	558	376	1,226	866
Total, Class 4.....	193	236	198	324	246	426	60	28	351	801	679	1,580	2,215
<i>Class 5.</i>													
Barrels, empty.....	6	88	40				1			1			
Hoops.....												257	
Sawed lumber.....	18,707	7,001	5,175	6,118	3,579	3,908	1,678	667	683	1,117	657	478	3,065
Staves, pipe and barrel.....	332	184	139				8					4,716	
" West India and pipe.....	287	131	1,623	270			200						
Timber, square, in vessels.....	1,330												
" in rafts.....	15,410	14,390	11,586	9,302		5,680	400				1,200	1,207	329
Woodenware.....	101	45	25		1				6				
Total, Class 5.....	36,173	21,839	18,588	15,690	3,580	9,588	2,327	667	689	1,118	1,857	6,658	3,394
<i>Special Class.</i>													
Coal.....													
Grand total.....	244,514	213,834	183,899	292,827	224,371	291,776	263,144	508,016	292,191	266,659	480,077	584,246	538,108

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canal to Lake Erie, during the Seasons of Navigation in 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897 and 1898.

Articles.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks.....	66	3	187	84	252	469			1	24	15	70	70
Cement and water lime.....	498	1,740	1,177	823	62	2,380	1,570	3,169	2,281	1,859	1,686	837	996
Clay, lime and sand.....	1	134	95	3	8	206	240		253			4	144
Fish.....	1	95	1	80	26	7	426	465	512		11	10	9
Gypsum.....													
Iron, railway.....	6,629	153	9,148	15,513	20,003	2,855	1,171	6,576	20		1,687		
" pig.....	10	368	573	250	20	112	74	25		56	28	6	
" all other.....	76	1,997	297	290	584	595	387	543	114	1,831	727	559	699
Salt.....	5,609	4,197	3,599	4,216	7,440	4,391	2,034	995	843	932	822	25	35
Steel.....	1	423	3	3	1		269	426	248	528			19
Stone for cutting.....					12		145				4	62	
Four.....					48			3					
Hay.....										124			
Meals.....			31						15				
Oats.....													
Potatoes.....		4											
Seeds, all kinds.....			24	215	100				33	25	99	121	56
Agricultural products not enumerated, vegetables.....			35	19		52		5	26			4	
Hides and skins.....									26				
Horses.....				2						1			1
Lard and lard oil.....		3			72		16			1			2
Pork.....					33								
Wool.....		4			13	2	13						
All other articles not enumerated..	6	4	77		1	2			10				
Total, class 3.....	12,897	9,125	15,247	21,498	28,675	11,071	6,345	12,202	4,335	5,432	5,080	1,698	2,031
<i>Class 4.</i>													
Ashes, pot and pearl.....	20				10	31	88					1	
Crockery and earthenware.....	40	164	336	112	11	251	8	98	107	12	83	4	33
Dye woods, &c.....	1	4											
Furniture.....	9	1	1			1	3					2	

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.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1888.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds	39	53	77	71	23	30	152	365	175	394	612	799	150
Manilla	7	5	1						11				
Molasses	23	1	7	56			32	43	42	20	1		
Nails	389	147	578	736	453	560	276	472	500	1,149	409	129	229
Oil, in barrels	82	28	22	9	11	64	2	44	8	31	33	12	15
Paint	36	80	59	49	24	61	15	70	8	75	49	20	35
Pitch and tar	5	1			13	22	15	26	152	67	60	20	37
Resin					1								
Soda, ash	975	1,116	1,196	766	554	377	352	68	94	84	74	249	88
Stone, wrought								14			17	25	31
Sugar	316	207	98	7	551	412	1,320	2,218	2,724	1,430	1,873	311	566
Tin	549	2,225	198	480	40	23	27	34	327	396	395	359	237
Turpentine	1	1	1	1	2								
White lead	3	4	2	4	19	3	6	35	2	7	10	5	
Whiting		7		33	34	50	71	31	1	113	56	104	93
Whisky, beer, &c.	174	287	228	124	350	294	220	26	53	77	51	93	98
Merchandise not enumerated	1,008	619	1,259	1,422	1,180	810	538	799	900	1,268	1,247	711	793
Total, class 4	3,677	4,950	4,063	3,870	3,276	2,989	3,125	4,343	5,104	5,123	4,970	2,844	2,405
<i>Class 5.</i>													
Barrels, empty	227			2									
Lumber, sawn, in vessels													
Woodenware													
Total, class 5	227			2									
<i>Special Class.</i>													
Coal													
Grand total	16,801	14,075	19,310	25,370	31,951	14,060	9,470	16,545	9,439	10,555	10,050	4,542	4,436

M.—SAATEMENT 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 1886 to 1898, inclusive.

Articles.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
	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										300
Fish		2				1		5	5				
Iron, railway										181		965	770
" all other	45			520	1	10	1	102		214			324
Salt	1					494							
Steel			3				1				498		2,951
Stone for cutting													
Apples													
Barley		1,709	2		6,519	8,113	6,433	16,751	28,095	7,904	11,128	14,173	6,909
Corn	93,503	83,431	102,974	147,045	180,842	127,494	131,222	198,777	105,329	100,512	175,094	169,057	150,667
Flour	7,591	11,780	8,563	5,017	9,204	6,802	11,018	6,588	17,795	10,169	16,224	7,237	4,212
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	22,626
Oil cake									29				
Oats	4,790	12,050	26,510	27,492	27,030	52,823	36,935	23,870	27,621	16,442	16,137	14,969	12,729
Pease													45
Potatoes				1	1								
Rye			179					864			490		1,197
Seeds, all kinds	236	44	48	151	135	256	50	16		14	78	299	44
Wheat	53,258	37,678	39,999	39,229	31,527	32,097	26,950	28,187	53,846	27,881	34,878	28,919	11,268
Agricultural products, vegetables	2	2			14	42							
Hides and skins, &c	414	170	39							8	41	23	
Horses	1	2		1	1	3		2	4		3	3	2
Lard and lard oil, &c	13	14	19	32	30	10		1		6	1,348	1,444	3,671
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	1,271
Sheep													
Tallow													359
Wool	1,125	86	18	452		1,237	70	80	1,484	1,536	900	197	89
Total, Class 3	174,359	157,820	189,989	237,188	275,893	255,553	244,434	311,647	294,654	211,300	303,665	280,319	219,434
<i>Class 4.</i>													
Agricultural implements		9											
Crockery and earthenware			1	1									
Furniture	21	24	30	30	21	7		6		2			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 1886 to 1898, inclusive—*Concluded.*

Articles.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
	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	119
Paint.....					3		44						3
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			34
Merchandise	824	469	1,453	1,679	1,822	1,865	1,331	1,693	2,976	7,656	3,990	3,591	3,828
Total, Class 4.....	916	573	1,635	1,902	2,075	2,041	1,421	1,782	3,033	7,762	5,160	3,820	3,986
<i>Class 5.</i>													
Empty barrels								9			10		
Firewood in vessels.....											165		
Lumber, sawn, in vessels.....	43,776	29,845	28,333	55,074	38,030	45,504	54,173	68,985	62,905	41,974	75,515	68,280	52,844
Masts and spars, in vessels.....												403	
Hoops													
Railway ties, in vessels ..										446			
Shingles	463		6	51				13					
Staves, barrel			82										
Timber, square, in vessels ..										500		1,040	
Woodenware, &c.....	2	26	141	333	8	4	54				12	1	
Total, Class 5.....	44,241	29,871	28,562	55,458	38,038	45,508	54,227	69,007	62,905	42,920	75,702	69,724	52,844
<i>Special Class.</i>													
Coal	5,400	1,163	878	1,124	615	1,382	651	2,123	727	603	1,255		759
Stone, not suitable for cutting ..				1,681	18								
Kryolite					1,620	1,773							
Total, Special Class	5,400	1,163	878	2,805	2,253	3,155	651	2,123	727	603	1,255		759
Grand Total.....	224,916	189,427	221,064	297, 53	318,259	306,257	300,733	384,559	361,319	262,585	385,782	353,863	277,023

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 1898.

Name of Vessels.	Original quantity through the Welland Canal.	Quantity tran- shipped at Kingston and Prescott.	Cargo through the St. Lawrence Canals to Montreal.
	Tons.	Tons.	Tons.
Canadian Steamer "Arabian"	1,200	648	552
" "	1,200	673	527
" "	1,200	696	504
" "	1,200	684	516
" "	1,230	748	482
" "	1,215	691	524
" "Cuba"	360	.....	360
" "	360	.....	360
" "Iona"	300	.....	300
" "	360	.....	360
" "	360	.....	360
" "Melbourne"	360	.....	360
" "Lake Michigan"	540	227	313
" "	528	228	300
" "	525	224	301
" "S. L. Tilley"	841	490	351
" "	1,200	780	420
" "	1,200	792	408
" "	1,202	814	388
Canadian Schooner "Dunmore"	1,260	520	740
" "Winnipeg"	1,500	861	639
Total	18,141	9,076	9,065

Number of cargoes of wheat	21
Quantity through Welland Canal to Kingston and Prescott	18,141 tons.
" transhipped at Kingston and Prescott	9,076 "
" taken to Montreal in vessels in which it arrived at Kingston and Prescott	9,065 "

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 1898.

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".....	1,176	678	498
" " "Cuba".....	336	.....	336
Canadian Schooner "Dunmore".....	1,204	420	784
" " ".....	1,187	431	756
" " "Melrose".....	1,529	843	686
" " ".....	1,497	475	1,022
" " "Selkirk".....	1,476	832	644
" " ".....	1,470	840	630
" " "Winnipeg".....	1,493	844	649
" " ".....	1,475	831	644
" " ".....	1,476	846	630
Total.....	14,319	7,040	7,279

Number of cargoes of corn.....	11
Quantity through Welland Canal to Kingston and Prescott.....	14,319 tons.
" transhipped at Kingston and Prescott.....	7,040 "
" taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	7,279 "

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 1898.

	Number of Cargoes.	Total Number
Wheat.....	21	
Corn.....	11	
Total.....		32
Quantity of Wheat through the Welland Canal bound for Montreal.....	Tons. 18,141	Tons.
" Corn " " " " " ".....	14,319	
Total through Welland Canal.....		32,460
Quantity of the above transhipped at Kingston and Prescott:—		
Wheat.....	9,076	
Corn.....	7,040	
Total transhipped.....		16,116
Quantity of the above cargoes taken to Montreal in vessels in which it arrived at Kingston and Prescott:—		
Wheat.....	9,065	
Corn.....	7,279	
Total quantity to Montreal.....		16,344
Total.....		32,460

P.—STATEMENT of the Quantity of Grain arrived at Kingston, Prescott and Ogdensburg in Vessels which passed down the Welland Canal during the Season of Navigation in 1898.

Summary.	Tons.	Tons.
Canadian steam vessels, 118 cargoes of grain	155,929	
" sail " 48 " "	68,092	
Total in Canadian vessels		224,021
United States steam vessels, 271 cargoes of grain	374,967	
" sail " 68 " "	89,885	
Total in United States vessels		464,852
Total in Canadian and United States vessels		688,873
Distributed as follows:—		
32 cargoes arrived at Kingston and Prescott in Canadian vessels with an aggregate quantity of	32,460	
Transhipped at Kingston and Prescott	16,116	
Quantity taken to Montreal in vessels in which it arrived at Kingston and Prescott. Vessels arrived at Kingston and Prescott and discharged all their cargoes as follows:—		16,344
134 cargoes in Canadian vessels	191,561	
339 " United States vessels	464,852	
Quantity discharged	656,413	
Quantity transhipped to Montreal	480,522	
Total quantity transhipped from Kingston, Prescott and Ogdensburg to Montreal		*496,638
" " " " Cardinal		4,450
" remaining at Kingston, Prescott and Ogdensburg		171,441
Total		688,873

* Of this quantity 38,203 tons were transhipped from Ogdensburg to Montreal.

Q.—Comparative Statement of the Quantity of Grain passed Down the Welland Canal to Kingston, Prescott and Ogdensburg, for the Seasons of Navigation in 1897 and 1898.

	1897.		1898.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston and Prescott in Canadian vessels.....	180	229,265	166	224,021
Quantity arrived at Kingston, Prescott and Ogdensburg in United States vessels.....	197	285,847	339	464,852
Total.....	377	515,112	505	688,873
Quantity transhipped at Kingston, Prescott and Ogdensburg in Canadian vessels for Montreal.....		457,250		496,638
Quantity taken to Montreal in vessels in which it arrived at Kingston and Prescott.....		8,131		16,344
Quantity remaining at Kingston, Prescott, Ogdensburg and Cardinal.....	*	49,731		175,891
Total.....		515,112		688,873

*Of this quantity 6,550 tons were transhipped to Montreal in 1898.
 7 vessels took their cargoes through to Montreal intact in 1898, against 7 in 1897.
 25 " discharged part of their cargo in 1898 against 11 in 1897.
 473 " " all their cargoes in 1898 " 359 in 1897.

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 1898.

Destination.	Number of sections.	Number of vessels.	Tonnage of vessels.	Number of passengers.	Class	Class	Class	Tolls.
					Three.	Four.	Five.	
					Tons.	Tons.	Tons.	\$ cts.
Prescott to Montreal.....	4	161	65,597	10,445	84	1,132	.....	1,776 52
" Lachine.....	3	29	15,309	952	1,417	390	.....	375 81
" Valleyfield.....	2	2	1,046	153	.....	4	.....	11 98
Valleyfield to Montreal.....	2	20	7,660	93	.....	5	2	34 59
" Lachine.....	1	166	29,596	3,619	1,320	345	21	213 82
Lachine to Montreal.....	1	338	63,859	16,273	910	431	.. .	538 72
Total.....	.....	716	183,067	31,535	3,731	2,307	23	2,951 44

S.—The quantity of Coal passed through the Welland Canal during a series of years from 1885 to 1898, 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
1898.....			156,055	759	986	4,536	162,336	32,467 20

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, 1897 and 1898, 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 of 1885 to 1898, 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
1898.....	400	175,609	176,009	26,341 05

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

U.—COMPARATIVE STATEMENT of the Quantity of Through 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 1887 to 1898, inclusive.

Articles.	Quantity passed	Quantity passed	Quantity passed
	down to Montreal.	down Canadian Ports between Port Dalhousie and Cornwall.	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	
" 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	
" 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	
" " pipe.....	184		
" " 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, 1898.

U.—COMPARATIVE STATEMENT of the Quantity of Through 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.
1888.			
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	
" all other.....	418	490	
Lard and lard oil.....	54	12	18
Meal, all kinds.....	100		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	
" 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	
" " pipe.....	124		
" " West Indies.....	1,623	13	
" " 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 Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadians 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	.....
" 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	.....
" wrought.....	.....	11	2
" 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	.....
" " pipe.....	202	304	.....
" " 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 Through 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		
" 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	
" 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
" " rafts	384		
Staves and headings, pipe		187	
" " West Indies		36	
Shingles			14
Square timber, in vessels		73,112	
" " rafts		17,683	
Woodenware	1		1
Corn	16,033	219,539	327,833
Oats	400	16,433	*16,433
Total	235,972	144,301	311,400

* This quantity of grain 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 Through 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	
" 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	
" 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
Merchandise.....	278	6	1,779
Kryolite.....		1,098	1,773
Lumber, in vessels.....	2,991	1,300	56,456
" in rafts.....	917		
Timber, square, in rafts.....	5,680	14,638	
Barrels.....			4
	291,776	54,315	317,209
Corn.....	12,169		
Wheat.....	5,648		
	17,817		*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 Through 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	
" 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	
" " 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, flaxseed 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 Through Freight passed Down the Welland Canals, &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.
1893.			
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
" 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
Shingles.....			13
Square timber.....		45,605	
Staves and headings, barrel.....		12	
" pipe.....		7	
" 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 Through 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.
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	
" all other.....	1	183	
Meals.....	4		60,390
Nails.....			57
Oats.....	175	107	27,621
Gil cake.....	29		
" 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, ".....		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 Through 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
" pig	79	1,994	.....
" 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 .....	.....	.....	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 Through 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	
" pig.....	5	1,559	
" 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.....	657	1,286	78,397
Shingles.....		94	40
Square timber in vessels.....		55,588	
" 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 Through Freight passed Down the Welland Canal—Continued.

Articles.	Quantity passed	Quantity passed	Quantity passed
	down to Montreal.	down to Canadian Ports, between Port Dalhousie and Cornwall.	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	
Railway 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. Catharines 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.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed Down the Welland Canal, &c.—*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.
1898.	Tons.	Tons.	Tons.
Agricultural products, vegetable	56		
Ashes	73		
Barley	3,960	1,417	6,909
Cement and water lime			300
Clay, lime and sand	52	1	
Coal		4,536	759
Corn	*310,498	13,338	116,317
Flax seed	5,687	9	
Flour	653		4,212
Furniture			2
Glass	75		
Horses	4		
Iron, railway		674	770
" pig		4,187	
" all other	6,217	257	324
" ore		13,433	
Lard and lard oil			3,671
Meal, all kinds			22,626
Molasses	56		
Oats	3,975	625	12,729
Oil, in barrels	1,141	15	119
Paint			3
Pease	260		45
Pork			1,271
Rye	*16,133	39	
Salt	144	644	
Seeds, all kinds			44
Spirits, beer, &c.	4		34
Steel	1,351	3,122	2,951
Stone for cutting		554	
Tallow			359
Wheat	*184,706	15,860	8,612
Wool			89
Merchandise, not enumerated	866	25	3,828
Firewood, in vessels		747	
Lumber, sawn, in vessels	3,065	2,840	72,897
Railway ties		190	
Shingles		11	
Square timber	329	48,369	
Total	539,305	110,893	258,871

* Of this quantity of corn 2,340 tons came down to Ogdensburg and Prescott in 1897, were stored there and transhipped to Montreal in 1898.

* Of this quantity of rye 45 tons came down to Prescott in 1897, were stored there and transhipped to Montreal in 1898.

* Of this quantity of wheat 4,165 tons came down to Kingston in 1897, were stored there and transhipped to Montreal in 1898.

U.—STATEMENT showing the quantity of Through 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.
1887.	Tons.	Tons.	Tons.
Barley.....			1,709
Corn.....	24,609	6,898	83,431
*Oats.....	362		12,050
Pease.....			
Rye.....	160,063	4,940	37,678
Wheat.....			
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	147,045
*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
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

* There was no rebate on oats for 1887, 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.

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

U.—STATEMENT showing the quantity of through 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.
1891.	Tons.	Tons.	Tons.
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	600	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	63,182	170,790
Total	508,016	93,737	393,748
1894.			
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

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

U.—STATEMENT showing the Quantity of Through 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.
1895.	Tons.	Tons.	Tons.
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
1898.			
Barley.....	3,960	1,417	6,909
Corn.....	310,498	13,338	116,317
Oats.....	3,975	625	12,729
Pease.....	260	.....	45
Rye.....	16,133	39	.....
Wheat.....	184,706	15,860	8,612
Total grain.....	**519,532	31,279	144,612
Other articles.....	19,773	79,614	114,259
Total.....	539,305	110,893	258,871

* 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.

** Of this quantity, 6,550 tons came down in 1897 and were transhipped to Montreal in 1898.

CANAL
COMPARATIVE STATEMENT for years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1897.....			11 98	9,217 52	20,735 71
" 1898			0 47	14,721 18	30,259 38
Increase.....				5,503 66	9,523 67
Decrease.....			11 51		
St. Lawrence Canals, 1897.....		150 00		374 61	11,955 97
" 1898.....		75 00		2,857 12	14,427 08
Increase.....				2,482 51	2,471 11
Decrease.....		75 00			
Chambly Canal, 1897.....				18 07	3,995 00
" 1893.....				30 84	3,125 07
Increase.....				12 77	
Decrease.....					869 93
Ottawa Canals, 1897.....				1,107 28	5,661 67
" 1898.....				35 13	5,888 45
Increase.....					226 78
Decrease.....				1,072 15	
Rideau Canal, 1897.....					580 11
" 1898.....				20 16	567 63
Increase.....				20 16	
Decrease.....					12 48
St. Peter's Canal, 1897.....	0 78		17 18	30 44	215 57
" 1898.....	3 32		5 98	92 78	311 29
Increase.....	2 54			62 34	95 72
Decrease.....			11 20		
Trent Valley Canals, 1897.....			0 25	38 22	76 69
" 1898.....			31 15	66 23	117 30
Increase.....			30 90	28 01	40 61
Decrease.....					
Murray Canal, 1897.....				1 79	71 81
" 1898.....				38 40	77 39
Increase.....				36 61	5 58
Decrease.....					
Sault Ste. Marie Canal, 1897.....					
" 1898.....					
Increase.....					
Decrease.....					
Total, increase.....	2 54		8 19	7,073 91	11,481 06
Total, decrease.....		75 00			

REVENUE.

ended 31st December, 1897 and 1898.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts. 20,598 37 22,435 01	\$ cts. 27,907 44 20,870 53	\$ cts. 26,773 32 24,287 40	\$ cts. 31,104 78 19,676 04	\$ cts. 26,720 52 20,769 33	\$ cts. 21,125 73 12,676 47	\$ cts. 4,455 86 3,019 60	\$ cts. 188,651 23 168,715 41
1,836 64	7,036 91	2,485 92	11,428 74	5,951 19	8,449 26	1,436 26	19,935 82
12,749 37 13,957 50	13,302 41 17,128 92	13,392 10 17,685 67	13,235 20 15,010 03	12,764 42 15,174 10	11,575 80 10,659 43	188 50 66 56	89,688 38 107,041 41
1,208 13	3,826 51	4,293 57	1,774 83	2,409 68	916 37	121 94	17,353 03
4,179 83 3,476 53	4,035 68 3,489 03	3,358 46 2,810 83	3,174 93 2,981 09	2,606 66 2,468 06	1,939 90 944 61		23,308 53 19,326 06
703 30	546 65	547 63	193 84	138 60	995 29		3,982 47
7,846 53 5,911 00	5,959 58 6,283 53	4,566 18 6,471 90	3,688 72 4,624 60	2,607 22 4,217 60	2,603 10 3,496 41		34,040 28 36,928 62
1,935 53	323 95	1,905 72	935 88	1,610 38	893 31		2,888 34
868 14 782 70	1,308 82 697 14	1,408 85 891 53	1,020 23 668 32	891 21 601 61	247 41 693 68	0 32	6,325 09 4,922 77
85 44	611 68	517 32	351 91	289 60	446 27	0 32	1,402 32
391 63 352 47	422 98 348 71	361 49 440 86	468 54 457 35	423 10 358 66	335 21 326 28	189 78 186 62	2,856 70 2,884 32
39 16	74 27	79 37	11 19	64 44	8 93	3 16	27 62
160 67 228 67	285 30 232 22	238 98 214 52	189 33 133 16	175 61 104 31	68 60 49 07		1,233 65 1,176 63
68 00	53 08	24 46	56 17	71 30	19 53		57 02
73 30 68 61	115 15 100 42	148 52 148 42	93 79 88 67	79 97 97 69	70 68 64 41		655 01 684 01
4 69	14 73	0 10	5 12	17 72	6 27		29 00
344 65	4,186 86	2,703 23	9,336 26	2,477 35	9,056 07	1,561 68	5,079 64
Total for year 1897							346,758 87
Total for year 1898							341,679 23

COMPARATIVE STATEMENT showing the quantity of Vegetable Food and Lumber passed through the Canals during the Years ended 31st December, 1897 and 1898.

	VEGETABLE FOOD.								LUMBER.	TOTAL.
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Buck-wheat.	All other.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Welland Canal, 1897.....	9,065	324,743	390,615	14,173	25,161	8,483	.....	44,674	72,270	889,184
do 1898.....	5,578	207,647	437,861	12,256	17,502	16,127	.....	23,182	80,574	800,757
Increase.....			47,246						8,304	
Decrease.....	3,478	117,069	.....	1,887	7,659	7,644		21,492	.....	88,427
St. Lawrence Canals, 1897.....	3,951	322,937	272,541	4,800	58,169	22,832	6,537	43,365	32,796	767,928
do 1898.....	26,094	274,335	501,836	6,496	53,048	25,976	3,051	25,036	21,744	937,616
Increase.....	22,143	.....	229,295	1,696	.....	3,144	.....	.....	.....	169,688
Decrease.....	.....	48,602	.....	.....	5,121	.....	3,486	18,329	11,052	.....
Chambly Canal, 1897.....	552	.....	.....	.....	2,666	.....	.....	313	53,838	57,369
do 1898.....	460	1	.....	.....	3,894	.....	.....	1,292	26,606	32,253
Increase.....	.....	1	.....	.....	1,228	.....	.....	979	.....	.....
Decrease.....	92	.....	.....	.....	.....	.....	.....	.....	27,232	25,116
Ottawa Canals, 1897.....	7	.....	.....	5	1,623	8	189	417	399,583	401,832
do 1898.....	41	225	.....	40	2,158	10	59	602	442,332	445,517
Increase.....	34	225	.....	35	535	2	.....	185	42,799	43,685
Decrease.....	.....	.....	.....	.....	.....	.....	130	.....	.....	.....
Rideau Canal, 1897.....	518	625	155	6	448	5	153	150	32,029	34,089
do 1898.....	335	264	93	4	1,393	8	110	204	21,556	23,967
Increase.....	.....	.....	.....	.....	945	3	.....	54	.....	.....
Decrease.....	183	361	62	2	.....	.....	43	.....	10,473	10,122

St. Peter's Canal, 1897.....	2,846	68	25	39	1,256			2,534	5,434	12,202
do 1898.....	2,177				894			1,888	4,955	9,914
Increase.....										
Decrease.....	669	68	25	39	362			646	479	2,288
Trent Valley Canals, 1897.....	20	49			8			31	1,807	1,915
do 1898.....		417			3			2	1,662	2,084
Increase.....		368								169
Decrease.....	20				5			29	145	
Murray Canal, 1897.....		243		65	43	340	70	1,268	443	2,472
do 1898.....	29	320	12	644	162	215	154	1,370	429	3,335
Increase.....	29	77	12	579	119		84	102		863
Decrease.....						125			14	
Sault Ste. Marie Canal, 1896.....	121,526	537,775	7,213	15,991	15,277	5,698		21,629	13,015	738,124
do 1897.....	94,099	292,398	21,524	6,305	13,869	15,814		15,290	22,701	482,000
Increase.....			14,311			10,116			9,686	
Decrease.....	27,427	245,377		9,686	1,408			6,339		256,124
Total increase.....			290,777			20,784			11,394	
Total decrease.....	9,672	410,833		9,304	11,728		3,575	45,515		167,672
Total for year 1897.....										2,905,115
do 1898.....										2,737,443

CANAL STATISTICS.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A.

No. (A) I.—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 1898.

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		20			23			53	23	73	96	\$ 3 45	\$ 14 60	\$ 18 05
Apples	11	239							11	239	250	1 65	5 99	7 64
Agricultural products not enumerated, vegetables	5	37		400				19	5	456	461	0 75	31 20	31 95
Agricultural products not enumerated, animal														
Agricultural implements														
Barley					6,909		5,377			12,286	12,286		1,228 60	1,228 60
Bricks	43								43		43	4 86		4 86
Bones														
Brimstone														
Buckwheat						300			53	300	353	1 24	60 00	61 24
Cement and water lime	53						439		105	489	594	1 98	21 50	23 48
Clay, lime and sand	105	50												
Coal					156,055	759	986	4,536	157,041	5,295	162,336	31,408 20	1,059 00	32,467 20
Corn	7	36	5			150,667		287,146	12	437,849	437,861	1 14	43,782 21	43,783 35
Cattle														
Cotton (raw)														
Crockery and earthenware	19				1				20		20	3 00		3 00
Dye wood and dye stuffs														
Fish	44				44				88		88	13 20		13 20
Flax and hemp					135				135		135	20 25		20 25
Flour		743				4,212		623		5,578	5,578		990 84	990 84
Furniture	4	1	7			2			11	3	14	1 13	0 43	1 56
Gypsum														
Glass (all kinds)	34	2						73	34	75	109	3 92	15 00	18 92
Hay (pressed)														
Hogs														
Horses	2				2	2			2	4	8	0 34	0 80	1 14

Hides and skins, horns and hoofs				93			93		93	13 95		13 95		
Ice														
Iron, railway					770		674		1,444		288 80	288 80		
" pig	74	74					4,187	74	4,261	4,335	1 38	839 25	840 63	
" all other	508	18	48	15	324		6,474	571	6,816	7,387	84 74	1,360 05	1,444 79	
Iron ore		575					12,858		13,433	13,433		671 65	671 65	
Kryolite chemical ore and other ore, except iron														
Lard and lard oil	8				3,671			8	3,671	3,679	1 20	734 20	735 40	
Meal, all kinds					22,626				22,626	22,626		4,525 20	4,525 20	
Meats, other than pork	23							23	23	23	3 19		3 19	
Marble				205				205	205	205	30 75		30 75	
Manilla				119				119	119	119	17 85		17 85	
Molasses	3			36			56	39	56	95	5 85	11 20	17 05	
Nails	127							127	127	127	13 44		13 44	
Oats	8	162		3	12,729		4,600	11	17,491	17,502	0 90	1,749 10	1,750 00	
Oil (in barrels)	20			1	119		1,156	21	1,275	1,296	1 59	255 00	256 59	
Oil cake														
Pease	1				45		260	1	305	306	0 02	30 50	30 52	
Potatoes														
Pork	11				1,271			11	1,271	1,282	1 65	254 20	255 85	
Paint	22				3			22	3	25	0 57	0 60	1 17	
Pitch and tar	11							11		11	1 26		1 26	
Rags														
Rye					1,197		14,930		16,127	16,127		1,612 70	1,612 70	
Flax seed							5,676		5,696	5,696		569 69	569 60	
Rosin														
Salt	7	773		4			15	11	788	799	0 74	157 60	158 34	
Stone intended for cutting " wrought							554		554	554		110 80	110 80	
" not suitable for cutting, unwrought	361	60						361	60	421	19 86	3 00	22 86	
Seeds, all kinds	24			50	44			74	44	118	8 89	8 80	17 69	
Sheep														
Soda ash	10							10		10	0 20		0 20	
Steel				183	2,951		4,473	183	7,424	7,607	27 45	1,484 80	1,512 25	
Sugar	128		32	5,261				5,421		5,421	801 12		801 12	
Spirits, beer, &c	96	9	27	195	34		4	318	47	365	44 71	7 83	52 54	
Tobacco (raw)														
Tallow				175	359			175	359	534	26 25	71 80	98 05	
Tin	6			34				40		40	5 22		5 22	
Turpentine	1							1		1	0 15		0 15	
Wheat	391	79,989	943		11,268		115,056	1,334	206,313	207,647	98 02	20,612 93	20,710 95	
White lead														
Whiting	1							1		1	0 02		0 02	
Wool					89				89	89		17 80	17 80	
All other goods and mer- chandise not enumerated	2,122	1,310	61		47,710	3,828		891	49,893	6,029	55,922	7,291 23	976 85	8,268 08
Bark														

CANAL STATISTICS.

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.....	14	1			6				20	1	21	\$ cts. 3 02	\$ cts. 0 18	\$ cts. 3 20
Boat knees.....														
Floats.....														
Fire wood, in vessels.....	6	6,250			156				162	6,250	6,412	10 70	346 16	356 86
" " rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels.....		4,063	540	20,053		52,844		3,074	540	80,034	80,574	97 05	14,314 70	14,411 75
" " rafts.....														
Masts, spars, and telegraph poles, in vessels.....														
Masts, spars, and telegraph poles, in rafts.....														
Railway ties, in vessels.....		190								190	190		30 04	30 04
" " rafts.....														
Saw logs.....	341	1,913	917	504					1,258	2,417	3,675	19 13	134 41	153 54
Staves and headings, barrel.....				40						40	40		3 20	3 20
" " pipe.....														
" " West India.....														
" salt barrel.....														
Shingles.....		12								12	12		7 28	7 28
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels.....	200	9,712						39,186	200	48,898	49,098	3 75	7,305 10	7,308 85
" " rafts.....	30								30		30	0 85		85
Traverses.....														
Woodenware and wood partly manufactured.....	7				10				17		17	6 80		6 80
Total freight paying tolls.....	4,888	106,239	2,580	20,997	210,516	277,023	986	512,412	218,970	916,671	1,135,641	40,108 61	105,705 50	145,814 11

<i>Articles having paid full tolls on the St. Lawrence Canals, free:—</i>											
Bricks	34		36						70		70
Cement and water lime	413		583						996		996
Clay, lime and sand	130		14						144		144
Crockery and earthenware	15		18						33		33
Fish			9						9		9
Glass	58		92						150		150
Horses	1								1		1
Iron, all other	142		557						699		699
Lard and lard oil	2								2		2
Nails	60		169						229		229
Oils	3		12						15		15
Paint	6		29						35		35
Pitch and tar	7		30						37		37
Salt	5		30						35		35
Seeds, all other	29		27						56		56
Soda ash	24		64						88		88
Steel	3		16						19		19
Stone, wrought	31								31		31
Sugar	109		457						566		566
Tin	3		234						237		237
Whiting	48		45						93		93
Whiskey, etc.	50		48						98		98
Merchandise	282		511						793		793
Grand total freight	6,343	106,239	5,561	20,997	210,516	277,023	986	512,412	223,406	916,671	1,140,077

Total tolls on vessels	10,580 65	11,648 14	22,228 79
" passengers	273 95	281 22	555 17
" free goods			\$665.40
Total tolls	50,963 21	117,634 86	168,598 07
Fines			75 00
* Damages			
Harbour dues			42 34
Total revenue, exclusive of hydraulic rents			168,715 41

* Amount of damages not included in above, \$276.06.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 18th November, 1899.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A.

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 1898.

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		20			23			53	23	73	96	3 45	14 60	18 05
Apples	11								11		11	1 65		1 65
Agricultural products not enumerated, vegetable..	5	37						19	5	56	61	0 75	11 20	11 95
Agricultural products not enumerated, animal.....														
Agricultural implements..														
Barley					6,909		5,377			12,286	12,286		1,228 60	1,228 60
Bricks	30								30		30	4 50		4 50
Bones														
Brimstone														
Buckwheat						300				300	300		60 00	60 00
Cement and water lime							53			53	53		10 60	10 60
Clay, lime and sand					156,055	759	986	4,536	157,041	5,295	162,336	31,408 20	1,059 00	32,467 20
Coal			5		150,667		287,146		5	437,813	437,818	0 75	43,781 30	43,782 05
Corn														
Cattle														
Cotton (raw)														
Crockery and earthenware	19				1				20		20	3 00		3 00
Dye, wood and dye stuffs ..														
Fish	44				44				88		88	13 20		13 20
Flax and hemp					135				135		135	20 25		20 25
Flour		30				4,212		623		4,865	4,865		973 00	973 00
Furniture			7			2			7	2	9	1 05	0 40	1 45
Gypsum								73	25	75	100	3 75	15 00	18 75
Glass (all kinds).....	25	2												
Hay (pressed)														
Hogs														
Horses					2	2		2	2	4	6	0 30	0 80	1 10

Hides and skins, horns and hoofs.....			93			93		93	13 95		13 95	
Ice.....				770	674		1,444	1,444		288 80	288 80	
Iron, railway.....					4,187		4,187	4,187		837 40	837 40	
" pig.....	501		48	15	324	6,474	564	6,798	7,362	84 60	1,359 60	1,444 20
" all other.....		575				12,858		13,433	13,433		671 65	671 65
Iron ore.....												
Kryolite chemical ore and other ore, except iron.....												
Lard and lard oil.....	8				3,671		8	3,671	3,679	1 20	734 20	735 40
Meal, all kinds.....					22,626			22,626	22,626		4,525 20	4,525 20
Meats, other than pork.....	21						21	21	21	3 15		3 15
Marble.....				205				205	205	30 75		30 75
Manilla.....				119				119	119	17 83		17 85
Molasses.....	3			36		56	39	56	95	5 85	11 20	17 05
Nails.....	84						84	84	84	12 60		12 60
Oats.....				3	12,729	4,600	3	17,329	17,332	0 45	1,732 90	1,733 35
Oil (in barrels).....	8			1	119	1,156	9	1,275	1,284	1 35	255 00	256 35
Oil cake.....												
Pease.....					45	260		305	305		30 50	30 50
Potatoes.....												
Pork.....	11				1,271		11	1,271	1,282	1 65	254 20	255 85
Paint.....	1				3		1	3	4	0 15	0 60	0 75
Pitch and tar.....	8						8		8	1 20		1 20
Rags.....												
Rye.....					1,197	14,930		16,127	16,127		1,612 70	1,612 70
Flax seed.....						5,696		5,696	5,696		569 60	569 60
Rosin.....												
Salt.....		773		4		15	4	788	792	0 60	157 60	158 20
Stone intended for cutting.....						554		554	554		110 80	110 80
" wrought.....												
" not suitable for cut- ting, unwrought.....												
Seeds, all kinds.....	7			50	44		57	44	101	8 55	8 80	17 35
Sheep.....												
Soda ash.....												
Steel.....				183	2,951	4,473	183	7,424	7,607	27 45	1,484 80	1,512 25
Sugar.....	36		32	5,261			5,329		5,329	799 35		799 35
Spirits, beer, &c.....	73		27	195	34	4	295	38	333	44 25	7 60	51 85
Tobacco (raw).....												
Tallow.....				175	359		175	359	534	26 25	71 80	98 05
Tin.....				34			34		34	5 10		5 10
Turpentine.....	1						1		1	0 15		0 15
Wheat.....		78,689	12		11,268	115,056	12	205,013	205,025	1 80	20,501 30	20,503 10
White lead.....												
Whiting.....												
Wool.....					89			89	89		17 80	17 80
All other goods and mer- chandise not enumerated.....	624		61	47,710	3,828	891	48,395	4,719	53,114	7,259 25	943 80	8,203 05
Bark.....												

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.....	14				6				20		20	\$ 3 02	\$	\$ 3 02
Boat knees.....														
Floats.....														
Firewood, in vessels.....		747			156				156	747	903	10 40	49 80	60 20
" rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..		2,831	540	20,053		52,844		3,074	540	78,802	79,342	97 05	14,176 22	14,273 27
" " rafts.....														
Masts, spars and telegraph poles, in vessels.....														
" " in rafts.....														
Railway ties, in vessels....		190								190	190		30 04	30 04
" rafts.....														
Sawlogs.....														
Staves and headings, barrel														
" " pipe.....														
" " West India														
Staves, salt barrel.....														
Shingles.....		11								11	11		6 90	6 90
Split posts and fence rails, in vessels.....														
" " in rafts.....														
Timber, square, in vessels..		9,512						39,186		48,698	48,698		7,301 35	7,301 35
" " in rafts.....														
Traverses.....														
Woodenware and wood partly manufactured....	7				10				17		17	6 80		6 80
Total freight paying tolls	1,541	93,417	732	20,053	210,516	277,023	986	512,026	213,775	902,519	1,116,294	39,925 62	104,906 66	144,832 28

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

Bricks	34		36							70		70
Cement and water lime....	413		583							996		996
Clay, lime and sand . . .	130		14							144		144
Crockery and earthenware.	15		18							33		33
Fish.			9							9		9
Glass	58		92							150		150
Horses	1									1		1
Iron, all other	142		557							699		699
Lard and lard oil	2									2		2
Nails	60		169							229		229
Oils	3		12							15		15
Paint.	6		29							35		35
Pitch and tar	7		30							37		37
Salt	5		30							35		35
Seeds, all other.....	29		27							56		56
Soda ash.....	24		64							88		88
Steel	3		16							19		19
Stone wrought	31									31		31
Sugar	109		457							566		566
Tin.	3		234							237		237
Whiting	48		45							93		93
Whisky, &c.	50		48							98		98
Merchandise.....	282		511							793		793
Grand total through freight	2,996	93,417	3,713	20,053	210,516	277,023	986	512,026	218,211	902,519		1,120,730

Total through tolls on vessels.....	10,352 62	11,321 60	21,674 22
" " passengers	103 05	113 65	216 70
" " free goods	\$ 665 40		
Total through tolls.	50,381 29	116,341 91	166,723 20

RICHARD DEVLIN,
Compiler Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

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 1898.

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.....														
Apples.....		239								239	239		5 99	5 99
Agricultural products not enumerated, vegetable...				400						400	400		20 00	20 00
Agricultural products not enumerated, animals...														
Agricultural implements.....														
Barley.....														
Bricks.....	13								13		13	0 36		0 36
Bones.....														
Brimstone.....														
Buckwheat.....														
Cement and water lime.....	53								53		53	1 24		1 24
Clay, lime and sand.....	105	50					386		105	436	541	1 98	10 90	12 88
Coal.....														
Corn.....	7	36							7	36	43	0 39	0 91	1 30
Cattle.....														
Cotton (raw).....														
Crockery and earthenware.....														
Dye wood and dye stuffs.....														
Fish.....														
Flax and hemp.....														
Flour.....		713								713	713		17 84	17 84
Furniture.....	4	1							4	1	5	0 08	0 03	0 11
Gypsum.....														
Glass (all kinds).....	9								9		9	0 17		0 17
Hay (pressed).....														
Hogs.....														
Horses.....	2								2		2	0 04		0 04

Hides and skins, horns and hoofs												
Ice												
Iron, railway												
" pig	74	74				74	71	148	1 38	1 85	3 23	
" all other	7	18				7	18	25	0 14	0 45	0 59	
" ore												
Kryolite chemical ore and other ore, except iron												
Lard and lard oil												
Meal, all kinds												
Meats, other than pork	2					2		2	0 04		0 04	
Marble												
Manilla												
Molasses												
Nails	43					43		43	0 84		0 84	
Oats	8	162				8	162	170	0 45	16 20	16 65	
Oil (in barrels)	12					12		12	0 24		0 24	
Oil cake												
Pease	1					1		1	0 02		0 02	
Potatoes												
Pork												
Paint	21					21		21	0 42		0 42	
Pitch and tar	3					3		3	0 06		0 06	
Rags												
Rye												
Flax seed												
Rosin												
Salt	7					7		7	0 14		0 14	
Stone intended for cutting												
" wrought												
" not suitable for cutting, unwrought	361	60				361	60	421	19 86	3 00	22 86	
Seeds, all kinds	17					17		17	0 34		0 34	
Sheep												
Soda ash	10					10		10	0 20		0 20	
Steel												
Sugar	92					92		92	1 77		1 77	
Spirits, beer, &c	23	9				23	9	32	0 46	0 23	0 69	
Tobacco (raw)												
Tallow												
Tin	6					6		6	0 12		0 12	
Turpentine												
Wheat	391	1,300	931			1,322	1,300	2,622	96 22	111 63	207 85	
White lead												
Whiting	1					1		1	0 02		0 02	
Wool												
All other goods and merchandise not enumerated	1,498	1,310				1,498	1,310	2,808	31 98	33 05	65 03	
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.					
Barrels empty		1								1	1	\$	cts.	0 18	0 18
Boat knees															
Floats															
Fire wood, in vessels	6	5,503							6	5,503	5,509	0 30	296 36	296 66	
" in rafts															
Hoops															
Hop poles															
Lumber, sawn, in vessels		1,232								1,232	1,232		138 48	138 48	
" in rafts															
Masts, spars and telegraph poles, in vessels															
Masts, spars and telegraph poles, in rafts															
Railway ties, in vessels															
" in rafts															
Saw logs	341	1,913	917	504					1,258	2,417	3,675	19 13	134 41	153 54	
Staves and headings, barrel pipe				40						40	40		3 20	3 20	
" " West India															
Staves, salt barrel															
Shingles		1								1	1		0 38	0 38	
Split posts and fence rails, in vessels															
Split posts and fence rails, in rafts															
Timber, square, in vessels	200	200							200	200	400	3 75	3 75	7 50	
" in rafts	30								30		30	0 85		0 85	
Traverses															

Woodenware and wood partly manufactured.....														
Total day freight paying tolls	3,347	12,822	1,848	944				386	5,195	14,152	19,347	182 99	798 84	981 83
Total way tolls on vessels.....												228 03	326 54	554 57
" passengers												170 90	167 57	338 47
Total way tolls.....												581 92	1,292 95	1,874 87

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. 4 (A).—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 1898.

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		22								22	22		4 40	4 40
Apples	4	1,762							4	1,762	1,766	0 28	251 39	251 67
Agricultural products not enumerated, vegetables..	444	2,105							444	2,105	2,549	52 27	224 96	277 23
Agricultural products not enumerated, animal.....	1,008	1,832		479			18	956	1,026	3,267	4,293	51 59	440 64	492 23
Agricultural implements...	71	1							71	1	72	10 61	0 10	10 71
Barley.....		2,536								2,536	2,536		213 59	213 59
Bricks.....	7,882	185	36				133		8,051	185	8,236	418 54	6 95	425 49
Bones.....		18								18	18		1 32	1 32
Brimstone.....	770								770		770	78 23		78 23
Buckwheat.....	103	2,948							103	2,948	3,051	2 58	190 25	192 83
Cement and water lime....	15,790	224	668						16,458	224	16,682	1,542 40	10 60	1,553 00
Clay, lime and sand.....	12,347	8,418	14	31			3,033	200	15,394	8,649	24,043	607 98	420 00	1,027 98
Coal.....		38,891				275	149,796			188,962	188,962		27,253 65	27,253 65
Corn.....	729	182,643				28	3,488		729	186,159	186,888	18 68	8,801 56	8,820 24
Cattle.....	18	316							18	316	334	1 18	24 12	25 30
Cotton (raw).....	10								10		10	0 98		0 98
Crockery and earthenware.	110	7	22						132	7	139	24 24	1 10	25 34
Dye wood and dye stuffs...	14	8		4			4		18	12	30	3 00	0 75	3 75
Fish.....	43	16	8						51	16	67	5 41	0 61	6 02
Flax and hemp.....	4	35							4	35	39	0 15	2 63	2 78
Flour.....	1,486	23,955							1,486	23,955	25,441	74 09	1,850 10	1,924 19
Furniture.....	279	916	33				173		312	1,089	1,401	54 63	153 40	208 03
Gypsum.....	1,236								1,236		1,236	16 05		16 05
Glass (all kinds).....	478	49	89						567	49	616	109 81	5 65	115 46
Hay (pressed).....	168	554							168	554	722	6 77	38 05	41 82
Hogs.....														
Horses.....	226	469							226	469	695	11 52	32 53	44 05

Hides and skins, horns and hoofs		10							10	10		1 36	1 36	
Ice														
Iron, railway..	82	306					420	82	726	808	3 65	63 69	67 34	
" pig	10	1,449				322		332	1,449	1,781	13 32	191 45	404 77	
" all other	4,224	1,283	564		125	1,227	80	6,140	1,363	7,503	520 50	81 44	601 94	
Iron ore														
Kryolite chemical ore and other ore, except iron														
Lard and lard oil	74	1,500						74	1,500	1,574	7 35	117 22	124 57	
Meal, all kinds	196	2,721						196	2,721	2,917	10 90	192 64	203 54	
Meats, other than pork	6	340						6	340	346	0 60	25 48	26 48	
Marble	3							3		3	0 39		0 39	
Manilla	9	2						9	2	11	0 90	0 10	1 00	
Molasses	1,042	260						1,042	260	1,302	86 72	13 00	99 72	
Nails	2,265	687	127					2,392	687	3,079	330 07	35 65	365 72	
Oats	874	48,199						874	48,199	49,073	22 00	2,142 22	2,164 22	
Oil (in barrels)	473	700	23			34		530	700	1,230	89 00	88 75	177 75	
Oil cake	6	4,001						6	4,001	4,007	0 35	300 14	300 49	
Pease	450	19,506						450	19,506	19,956	11 28	1,687 76	1,699 04	
Potatoes	120	17						120	17	137	11 27	2 04	13 31	
Pork	186	1,816						186	1,816	2,002	18 08	133 63	151 71	
Paint	293	156	69			3	10	365	166	531	66 12	13 25	79 37	
Pitch and tar	257	122	30			210		497	122	619	53 01	18 60	71 61	
Rags	160	104						160	104	264	21 80	19 85	41 65	
Rye		9,928					560		10,488	10,488		815 47	815 47	
Flax seed		13,081							13,081	13,081		651 05	654 05	
Rosin	17	10				1,721		1,738	10	1,748	104 15	0 50	104 65	
Salt	2,591	43	33					2,624	43	2,667	292 77	1 65	294 42	
Stone, intended for cutting	242	1,908	1,908					242	1,908	2,150	5 84	129 99	135 83	
" wrought	537	100						537	100	637	53 64	10 00	68 64	
" not suitable for cutting, unwrought		468							468	468		12 00	12 00	
Seeds, all kinds	5,239	276	16					5,255	276	5,531	236 36	19 36	255 72	
Sheep	1	72						1	72	73	0 06	5 45	5 51	
Soda ash	971	340	54					1,025	340	1,365	203 39	66 50	269 89	
Steel	904	6	14			815		918	821	1,739	127 20	61 37	188 57	
Sugar	6,150	4,059	466					6,616	4,059	10,675	1,291 17	402 40	1,693 57	
Spirits, beer, &c.	328	139	54					382	139	521	68 89	24 20	93 09	
Tobacco (raw)	9	8						9	8	17	0 88	0 30	1 18	
Tallow		294							294	294		22 06	22 06	
Tin	1,509	44	461					1,970	44	2,014	385 29	5 20	390 49	
Turpentine	4	23				208		211	23	234	11 00	1 15	12 15	
Wheat	1,804	88,377						1,804	88,377	90,181	47 37	4,757 58	4,804 95	
White lead	65	39	1			26		92	39	131	14 22	1 95	16 17	
Whiting	488	17	44					532	17	549	103 72	0 85	104 59	
Wool	24	14						24	14	38	3 49	2 10	5 57	
All other goods and merchandise not enumerated	7,460	7,444	548	81	266	554	623	107	8,897	8,186	17,983	1,275 93	1,033 99	2,309 92
Bark														

S. Lawrence

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 1898.

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.....	177	103				15			177	118	295	\$ 18 33	\$ 7 99	\$ 26 32
Boat knees.....														
Floats.....	52	1,246							52	1,246	1,298	1 23	21 81	23 04
Firewood, in vessels.....	2,316	6,198					174		2,316	6,372	8,688	38 60	113 80	152 40
" rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..	12,297	4,023		25	7	90		151	12,304	4,289	16,593	349 00	119 92	468 92
" " rafts.....	51	1,892							51	1,892	1,943	2 25	85 46	87 71
Masts, spars and telegraph poles, in vessels.....	66								66		66	2 48		2 48
Masts, spars and telegraph poles, in rafts.....		16,107								16,107	16,107		402 05	402 05
Railway ties, in vessels....	57								57		57	1 14		1 14
" " rafts.....														
Saw-logs.....	262	7,706							262	7,706	7,968	6 00	175 72	181 72
Staves and headings, barrel pipe.....		48								48	48		0 96	0 96
" " West India.....														
Staves, salt barrel.....														
Shingles.....	3	18							3	18	21	0 80	2 93	3 73
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	264	109							264	109	373	9 90	1 92	11 82
" " rafts.....	80	3,455							80	3,455	3,535	2 00	86 50	88 50
Traverses.....		1,200								1,200	1,200		7 42	7 42
Woodenware and wood, partly manufactured.....	64	5							64	5	69	18 00	1 00	19 00
Total freight paying tolls	97,981	519,889	3,374	620	398	962	7,562	156,930	109,315	678,401	787,716	9,038 40	54,112 22	63,150 62

DEPARTMENT OF RAILWAYS AND CANALS.

<i>Free articles having paid full tolls on the Welland Canal :</i>													
Ashes.....		48						25		73	73		
Barley.....		3,960								3,960	3,960		
Clay, lime and sand.....		37						15		52	52		
Corn.....	281,578							33,370		314,948	314,948		
Flax Seed.....		5,687								5,687	5,687		
Flour.....		293						360		653	653		
Glass.....		25						50		75	75		
Horses.....		3						1		4	4		
Iron, all other.....		1,410						4,807		6,217	6,217		
Merchandise.....		476						390		866	866		
Molasses.....		39						17		56	56		
Oats.....		3,975								3,975	3,975		
Oils.....		370						771		1,141	1,141		
Pease.....		260								260	260		
Rye.....		15,152						336		15,488	15,488		
Salt.....		144								144	144		
Steel.....		49						852		1,351	1,351		
Vegetables, all other.....		56								56	56		
Wheat.....	179,881							4,273		184,154	184,154		
Whisky, &c.....								4		4	4		
Lumber, sawn, in vessels.....		2,802						263		3,065	3,065		
Timber, square, in rafts.....		329								329	329		
Coal, free, per Order in Council.....	74,197						20,619		94,816		94,816		
<i>Free articles for canal construction, O.C., 1884:</i>													
Stone, wrought.....		10,341								10,341	10,341		
Merchandise.....		20								20	20		
Lumber, sawn, in vessels.....		143								143	143		
Railway ties, in vessels.....		68								68	68		
Coal.....		1,100						2,372		3,472	3,472		
Grand total, freight.....	172,178	1,028,585	3,374	620	398	962	28,181	204,836	204,131	1,235,003	1,439,134		
											13,392 48	11,356 74	24,749 22
Total tolls on vessels.....													
" passengers.....											855 51	2,099 58	2,955 09
" free goods, \$61,427.47.....													
Total tolls.....											23,286 39	67,568 54	90,854 93
Fines.....													197 00
*Damages.....													
Wharfage and storage.....													2,300 15
Other receipts.....													13,689 33
*Amount of damages not included in above, \$382.51.													
Total revenue, exclusive of hydraulic rents.....													107,041 41

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 in 1898.

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, pct and pearl		22							22		22		4 40	4 40
Apples		1,622							1,622		1,622		243 30	243 30
Agricultural products not enumerated, vegetable	255	1,152							255	1,152	1,407	38 25	172 80	211 05
Agricultural products not enumerated, animal		1,503					956			2,459	2,459		368 85	368 85
Agricultural implements		2,001								2,001	2,001		200 10	200 10
Barley		2,001								2,001	2,001		200 10	200 10
Bricks	441		36						477		477	71 55		71 55
Bones														
Brimstone	60								60		60	9 00		9 00
Buckwheat		1,537								1,537	1,537		153 70	153 70
Cement and water lime	6,183	19	628						6,811	19	6,830	1,021 65	2 85	1,024 50
Clay, lime and sand	52	522	14						66	522	588	9 90	78 30	88 20
Coal		37,193								138,416	175,609		26,341 05	26,341 05
Corn		1,736								3,488	5,224		522 40	522 40
Cattle		9									9		1 35	1 35
Cotton, raw														
Crockery and earthenware	47	4	22						69	4	73	13 80	0 80	14 60
Dye wood and dye stuffs	14	1							14	1	15	2 80	0 20	3 00
Fish	9		8						17		17	2 55		2 55
Flax and hemp														
Flour	1	1,230							1	1,230	1,231	0 15	184 50	184 65
Furniture	174	470	28					153	202	623	825	40 60	124 60	165 20
Gypsum	2								2		2	0 30		0 30
Glass, all kinds	405	16	89						494	16	510	98 80	3 20	102 00
Hay, pressed														
Hogs														
Horses	2	100							2	100	102	0 30	15 00	15 30

Hides and skins, horns and hoofs.....	8					8	8		1 20	1 20	
Ice.....											
Iron, railway.....	3	184				3	184	187	0 45	27 60	28 05
" pig.....	5	1,448				5	1,448	1,453	0 75	191 41	192 16
" all other.....	1,622	234	564			2,186	234	2,420	327 90	35 10	363 00
Iron ore.....											
Kryolite chemical ore and other ore, except iron.....											
Lard and lard oil.....	2	126				2	126	128	0 30	18 90	19 20
Meal, all kinds.....		47					47	47		7 05	7 05
Meats, other than pork.....											
Marble.....											
Manilla.....											
Molasses.....	33					33		33	6 60		6 60
Nails.....	621	4	127			748	4	752	149 60	0 80	150 40
Oats.....		11,033					11,033	11,033		1,103 40	1,103 40
Oil, in barrels.....	263	246	23			286	246	532	57 20	49 20	106 40
Oil cake.....											
Pease.....		15,960					15,960	15,960		1,596 10	1,596 10
Potatoes.....	43	10				43	10	53	6 45	1 50	7 95
Pork.....											
Paint.....	186	23	69		10	255	33	288	51 00	6 60	57 60
Pitch and tar.....	132	82	30			162	82	244	32 40	16 40	48 80
Rags.....	46	95				46	95	141	9 20	19 00	28 20
Rye.....		6,205			560		6,765	6,765		676 50	676 50
Flax seed.....											
Kosin.....	10					10		10	2 00		2 00
Salt.....	1,003		33			1,036		1,036	155 40		155 40
Stone, intended for cutting.....											
" wrought.....	211					211		211	42 20		42 20
" not suitable for cut- ting, unwrought.....		45					45	45		3 60	3 60
Seeds, all kinds.....	325	8	16			341	8	349	51 15	1 20	52 35
Sheep.....											
Soda ash.....	951	330	54			1,005	330	1,335	201 00	66 00	267 00
Steel.....	798		14			812		812	121 80		121 80
Sugar.....	5,346	21	466			5,812	21	5,833	1,162 40	4 20	1,166 60
Spirits, beer, &c.....	177	115	54			231	115	346	46 20	23 00	69 20
Tobacco, raw.....											
Tallow.....											
Tin.....	1,335	20	461			1,796	20	1,816	359 20	4 00	363 20
Turpentine.....	3					3		3	0 60		0 60
Wheat.....		14,242					14,242	14,242		1,424 20	1,424 20
White lead.....	46		1			47		47	9 40		9 40
Whiting.....	444		44			488		488	97 60		97 60
Wool.....	23	14				23	14	37	3 45	2 10	5 55
All other goods and mer- chandise not enumerated.....	3,831	2,595	544		15	4,375	2,610	6,985	875 00	522 00	1,397 00
Bark.....											

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

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.....	55								55		55	9	56			9	56
Boat knees.....																	
Floats.....																	
Fire wood, in vessels.....																	
" rafts.....																	
Hoops.....																	
Hop poles.....																	
Lumber, sawn, in vessels..	814	20							814	20	834	72	75	1	80	74	55
" " rafts..																	
Masts, spars and telegraph poles, in vessels.....																	
Masts, spars and telegraph poles, in rafts.....																	
Railway ties, in vessels.....																	
" rafts.....																	
Saw logs.....																	
Staves and headings, barrel																	
" " pipe..																	
" " W. India																	
Staves, salt barrel.....																	
Shingles.....																	
Split posts and fence rails, in vessels.....																	
Split posts and fence rails, in rafts.....		18								18	18			0	54	0	54
Timber, square, in vessels.....																	
" " rafts..																	
Traverses.....																	
Woodenware and wood partly manufactured....	30								30		30	12	00			12	00
Total freight paying tolls	26,003	102,270	3,325					143,598	29,328	245,868	275,196	5,173	21	34,220	80	39,394	01

Free articles having paid full tolls on the Welland Canal :

- Ashes	48					25		73	73
- Barley	3,960							3,960	3,960
- Clay, lime and sand	37					15		52	52
- Corn	278,930					31,568		310,498	310,498
- Flax seed	5,687							5,687	5,687
- Flour	293					360		653	653
- Glass	25					50		75	75
- Horses	3					1		4	4
- Iron, all other	1,410					4,807		6,217	6,217
- Merchandise	476					390		866	866
- Molasses	39					17		56	56
- Oats	3,975							3,975	3,975
- Oils	370					771		1,141	1,141
- Pease	260							260	260
- Rye	15,152					336		15,488	15,488
- Salt	144							144	144
- Steel	499					852		1,351	1,351
- Vegetables, all other	56							56	56
- Wheat	179,881					4,273		184,154	184,154
- Whisky						4		4	4
- Lumber, sawn, in vessels	2,802					263		3,065	3,065
- Timber, square, in rafts	329							329	329
- Coal, free per Order in Council	400						400		400
Grand total, freight ...	26,403	596,646	3,325			187,330	29,728	783,976	813,704

Total through tolls on vessels	8,302 03	8,868 15	17,170 18
" " passengers	414 00	1,332 80	1,746 80
" " free goods	\$54,546 99		
Total through tolls	13,889 24	44,421 75	58,510 99

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

APPENDIX A—Continued.

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight, transported on the St. Lawrence Canal and the amount of Tolls collected during the Season of Navigation in 1898.

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.....									4	140	144	0 28	8 09	8 37
Apples.....	4	140							198	953	1,142	14 02	52 16	66 18
Agricultural products not enumerated, vegetable..	189	953												
Agricultural products not enumerated, animal.....	1,008	329		479			18		1,026	808	1,834	51 59	71 79	123 38
Agricultural implements..	71	1							71	1	72	10 61	0 10	10 71
Barley.....		535								535	535		13 49	11 49
Bricks.....	7,441	185					133		7,574	185	7,759	346 99	6 95	353 94
Bones.....		18								18	18		1 32	1 32
Brimstone.....	710								710		710	69 23		69 23
Buckwheat.....	103	1,411							103	1,411	1,514	2 58	36 55	39 13
Cement and water lime....	9,607	205	40						9,647	205	9,852	520 75	7 75	528 50
Clay, lime and sand.....	12,295	7,896		31			3,033	200	15,328	8,127	23,455	598 08	341 70	939 78
Coal.....		1,698				275		11,380		13,353	13,353		912 60	912 60
Corn.....	729	180,907				28			729	180,935	181,664	18 68	8,279 16	8,297 84
Cattle.....	18	307							18	307	325	1 18	22 77	23 95
Cotton (raw).....	10								10		10	0 98		0 98
Crockery and earthenware.	63	3							63	3	66	10 44	0 30	10 74
Dye wood and dye stuffs..		7		4			4		4	11	15	0 20	0 55	0 75
Fish.....	34	16							34	16	50	2 86	0 61	3 47
Flax and hemp.....	4	35							4	35	39	0 15	2 63	2 78
Flour.....	1,485	22,725							1,485	22,725	24,210	73 94	1,665 60	1,739 54
Furniture.....	105	446	5					20	110	466	576	14 03	28 80	42 83
Gypsum.....	1,234								1,234		1,234	15 75		15 75
Glass (all kinds).....	73	33							73	33	106	11 01	2 45	13 46
Hay (pressed).....	168	554							168	554	722	6 77	38 05	44 82
Hogs.....														
Horses.....	224	369							224	369	593	11 22	17 53	28 75

Hides and skins, horns and hoofs.....	2								2	2		0 16	0 16	
Ice.....														
Iron, railway.....	79	122				420	79	542	621	3 20	36 09	39 29		
" pig.....	5	1				322	327	1	328	12 57	0 04	12 61		
" all other.....	2,602	1,049		125		1,227	80	3,954	1,129	5,083	192 60	46 34	238 94	
Iron ore.....														
Kryolite chemical ore and other ore, except iron.....														
Lard and lard oil.....	72	1,374					72	1,374	1,446	7 05	98 32	105 37		
Meal, all kinds.....	196	2,674					196	2,674	2,870	10 90	185 59	196 49		
Meats, other than pork ..	6	340					6	340	346	0 60	25 48	26 08		
Marble.....	3						3		3	0 39		0 39		
Manilla.....	6	2					9	2	11	0 90	0 10	1 00		
Molasses.....	1,009	260					1,009	260	1,269	80 12	13 00	93 12		
Nails.....	1,644	683					1,644	683	2,327	180 47	34 85	215 32		
Oats.....	874	37,166					874	37,166	38,040	22 00	1,038 82	1,060 82		
Oil (in barrels).....	210	454			34		244	454	698	31 80	39 55	71 35		
Oil cake.....	6	4,001					6	4,001	4,007	0 35	300 14	300 49		
Pease.....	450	3,546					450	3,546	3,996	11 28	91 66	102 94		
Potatoes.....	77	7					77	7	84	4 82	0 54	5 36		
Pork.....	186	1,816					186	1,816	2,002	18 08	133 63	151 71		
Paint.....	107	133			3		110	133	243	15 12	6 65	21 77		
Pitch and tar.....	125	40			210		335	40	375	20 61	2 20	22 81		
Rags.....	114	9					114	9	123	12 60	0 85	13 45		
Rye.....		3,723						3,723	3,723		138 97	138 97		
Flax seed.....		13,081						13,081	13,081		654 05	654 05		
Rosin.....	7	10			1,721		1,728	10	1,738	102 15	0 50	102 65		
Salt.....	1,588	43					1,588	43	1,631	137 37	1 65	139 02		
Stone intended for cutting ..	242	1,908					242	1,908	2,150	5 84	129 99	135 83		
" wrought.....	326	100					326	100	426	16 44	10 00	26 44		
" not suitable for cut- ting, unwrought.....		423						423	423		8 40	8 40		
Seeds, (all kinds).....	4,914	268					4,914	268	5,182	185 21	18 16	203 37		
Sheep.....	1	72					1	72	73	0 06	5 45	5 51		
Soda ash.....	20	10					20	10	30	2 39	0 50	2 89		
Steel.....	106	6			815		106	821	927	5 40	61 37	66 77		
Sugar.....	804	4,038					804	4,038	4,842	128 77	398 20	526 97		
Spirits, beer, &c.....	151	24					151	24	175	22 69	1 20	23 89		
Tobacco (raw).....	9	8					9	8	17	0 88	0 30	1 18		
Tallow.....		294						294	294		22 06	22 06		
Tin.....	174	24					174	24	198	26 09	1 20	27 29		
Turpentine.....		23			208		208	23	231	10 40	1 15	11 55		
Wheat.....	1,804	74,135					1,804	74,135	75,939	47 37	3,333 38	3,380 75		
White lead.....	19	39			26		45	39	84	4 82	1 95	6 77		
Whiting.....	44	17					44	17	61	6 12	0 85	6 97		
Wool.....	1						1		1	0 04		0 04		
All other goods and mer- chandise not enumerated.	3,629	4,849	4	81	266	554	623	92	4,522	5,576	10,098	400 93	511 99	912 92
Bark.....														

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.....	122	103				15			122	118	240	8	77	7	99	16	76
Boat knees.....									52	1,246	1,298	1	23	21	81	23	04
Floats.....	52	1,246						174	2,316	6,372	8,688	38	60	113	80	152	40
Fire wood, in vessels.....	2,316	6,198															
" " in rafts.....																	
Hoops.....																	
Hop poles.....																	
Lumber, sawn, in vessels..	11,483	4,003		25	7	90		151	11,490	4,269	15,759	276	25	118	12	394	37
" " rafts....	51	1,892							51	1,892	1,943	2	25	85	46	87	71
Masts, spars, and telegraph poles, in vessels.....	66								66		66	2	48			2	48
Masts, spars, and telegraph poles, in rafts.....		16,107								16,107	16,107			402	05	402	05
Railway ties, in vessels....	57								57		57	1	14			1	14
" " rafts.....																	
Saw logs.....	262	7,706							262	7,706	7,968	6	00	175	72	181	72
Staves and headings, barrel pipe.....		48								48	48			0	96	0	96
" " W.India.....																	
Staves, salt barrel.....									3	18	21	0	80	2	93	3	73
Shingles.....	3	18															
Split posts and fence rails, in vessels.....																	
Split posts and fence rails, in rafts.....									264	91	355	9	90	1	38	11	28
Timber, square, in vessels..	264	91							80	3,455	3,535	2	00	86	50	88	50
" " rafts....	80	3,455								1,200	1,200			7	42	7	42
Traverses.....		1,200															
Woodenware and wood partly manufactured....	34	5							34	5	39	6	00	1	00	7	00
Total freight paying tolls	71,978	417,619	49	620	398	962	7,562	13,332	79,987	432,533	512,520	3,865	19	19,891	42	23,756	61

<i>Free articles having paid full tolls on the Welland Canal:</i>											
Corn	2,648							1,802		4,450	4,450
Coal, free, per Order in Council.	73,797						20,619		94,416		94,416
<i>Free articles for canal construction, O. C., 1884:</i>											
Stone, wrought	10,341									10,341	10,341
Merchandise	20									20	20
Lumber, sawn, in vessels..	143									143	143
Railway ties	68									68	68
Coal	1,100							2,372		3,472	3,472
Grand total, freight...	145,775	431,939	49	620	398	962	28,181	17,506	174,403	451,027	625,430

Total way tolls on vessels	5,090 45	2,488 59	7,579 04
" " passengers	441 15	766 78	1,208 29
" " free goods	\$6,880 48		
Total way tolls	9,397 15	23,146 79	32,543 94

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 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 1898.

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.		
												\$ cts.
Ashes, pot and pearl.....												4 30
Apples.....		72								72	72	1 58
Agricultural products not enumerated, vegetables.....		25								25	25	248 36
" " " animal.....		2,743								2,743	2,743	1 00
Agricultural implements.....	1	5							1	5	6	3 75
Barley.....		40								40	40	13 12
Bricks.....	206	150							206	150	356	0 48
Bones.....		6								6	6	5 42
Brimstone.....										59	59	3 60
Buckwheat.....		59								180	180	60 17
Cement and water lime.....		180								135	2,505	
Clay, lime and sand.....	135	2,505										
Coal.....												
Corn.....												
Cattle.....	3	902							3	902	905	70 39
Cotton (raw).....												
Crockery and earthenware.....												
Dye wood and dye stuffs.....												
Fish.....		3								3	3	0 22
Flax and hemp.....												
Flour.....		41								41	41	3 89
Furniture.....	5	23							5	23	28	3 68
Gypsum.....												
Glass (all kinds).....												
Hay (pressed).....	5	229							5	229	234	20 71
Hogs.....		116								116	116	8 75
Horses.....	23	259							23	259	282	12 34
Hides and skins, horns and hoofs.....		13								13	13	1 18
Ice.....												

Iron, railway									
" pig									
" all other	2	29				2	29	31	2 75
Iron ore									
Kryolite chemical ore and other ore, except iron									
Lard and lard oil		6					6	6	0 28
Meal, all kinds		9					9	9	0 66
Meats, other than pork		3					3	3	0 30
Marble									
Manilla									
Molasses									
Nails	1								
Oats		2,158					2,158	2,158	182 06
Oil (in barrels)									
Oil cake		2					2	2	0 20
Pease		330					330	330	26 00
Potatoes		191					191	191	12 91
Pork		13					13	13	0 92
Paint	1								
Pitch and tar		13					13	13	2 47
Rags		113					113	113	20 57
Rye		10					10	10	0 98
Flax seed									
Rosin									
Salt		1					1	1	0 10
Stone intended for cutting									
" wrought									
" not suitable for cutting, unwrought									
Seeds, all kinds	1	3					3	4	0 24
Sheep		381					381	381	32 47
Soda ash									
Steel									
Sugar	2							2	0 28
Spirits, beer, &c		1					1	1	0 19
Tobacco (raw)							5	5	0 30
Tallow		5							
Tin									
Turpentine									
Wheat		225					225	225	21 94
White lead									
Whiting									
Wool		16					16	16	1 60
All other goods and merchandise not enumerated	9	434					434	443	71 46
Bark									
Barrels, empty		28					28	28	3 29
Boat knees									
Floats	300	29,565					29,565	29,865	245 43
Firewood, in vessels	135	20,457	779				21,236	21,371	828 95
" rafts		3,598					3,598	3,598	30 20
Hoops		2					2	2	0 24

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.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Hop poles.....												
Lumber, sawn, in vessels.....	59	386,874		54,525					59	441,399	441,458	30,864 91
" " rafts.....		829								829	829	7 21
Masts, spars, and telegraph poles, in vessels.....												
" " " rafts.....		20								20	20	0 25
Railway ties, in vessels.....		2,547		569						3,116	3,116	464 26
" " rafts.....												
Saw logs.....	513	7,825							513	7,825	8,338	175 84
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....		86								86	86	17 59
Split posts and fence rails, in vessels.....												
" " rafts.....												
Timber, square, in vessels.....		1,160								1,160	1,160	12 18
" " rafts.....		3,060								3,060	3,060	38 75
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	1,401	467,365		55,873					1,401	523,238	524,639	33,530 91
<i>Free per Order in Council, 27th June, 1890.</i>												
Floats.....		17,200								17,200	17,200	
Firewood, in rafts.....		150								150	150	
Lumber, sawn, in rafts.....		95								95	95	
Timber, square, in rafts.....		4,540								4,540	4,540	
Saw logs.....		3,362								3,362	3,362	
Freight, grand total.....	1,401	492,712		55,873					1,401	548,585	549,986	

Total tolls on vessels		3,214 82
" passengers		175 43
" free goods	\$280 07	.....
Other receipts		8 00
Total revenue, exclusive of hydraulic rents		36,928 62

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chamby Canal, and the Amount of Revenue collected during the Season of Navigation in 1898.

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.....		812						81		893	893	87 64
Agricultural products not enumerated, vegetables.....												
" " " animal.....												
Agricultural implements.....												
Barley.....										680	680	68 00
Bricks.....											298	29 80
Bones.....			298				680	298				
Brimstone.....			7,029				923	7,029	923	7,952	7,952	795 20
Buckwheat.....												
Cement and water lime.....	4						143	4	143	147	147	9 70
Clay, lime and sand.....	590	64					4,175	590	4,239	4,829	4,829	548 59
Coal.....	24						79,355	24	79,355	79,379	79,379	7,847 93
Corn.....												
Cattle.....	4	126						4	126	130	130	4 59
Cotton (raw).....												
Crockery and earthenware.....		1						4	5	5	5	0 50
Dye woods and dye stuffs.....								10	10	10	10	1 00
Fish.....												
Flax and hemp.....												
Flour.....	460								460	460	460	15 56
Furniture.....												
Gypsum.....												
Glass (all kinds).....												
Hay (pressed).....	23	3,491						23	3,491	3,514	3,514	127 64
Hogs.....												
Horses.....	9	41						9	41	50	50	2 20
Hides and skins, horns and hoofs.....												
Ice.....												
Iron, railway.....												

" pig.....								160		160		160		16 00
" all other.....	70	1						2,054	70	2,055		2,125		232 09
Iron ore.....														
Kyrolite chemical ore and other ore, except iron.....														
Lard and lard oil.....		4								4		4		0 40
Meal, all kinds.....														
Meats, other than pork.....														
Marble.....														
Manilla.....														
Molasses.....	8								8			8		0 27
Nails.....														
Oats.....	4	3,890							4	3,890		3,894		132 52
Oil (in barrels).....		2						46		48		48		4 77
Oil cake.....														
Pease.....	1	375							1	375		376		12 67
Potatoes.....	9	10	4						13	10		23		1 48
Pork.....														
Paint.....								6		6		6		0 60
Pitch and tar.....		3						287		290		290		44 80
Rags.....														
Rye.....														
Flax seed.....														
Rosin.....								2,384		2,384		2,384		265 57
Salt.....	160							487	160	487		647		54 08
Stone intended for cutting.....														
" wrought.....														
" not suitable for cutting, unwrought.....														
Seeds, all kinds.....	9								9			9		0 34
Sheep.....		54								54		54		2 06
Soda ash.....		29								29		29		2 90
Steel.....														
Sugar.....														
Spirits, beer, &c.....		2								2		2		0 20
Tobacco (raw).....														
Tallow.....														
Tin.....														
Turpentine.....		21						238		259		259		25 90
Wheat.....	1								1			1		0 04
White lead.....														
Whiting.....														
Wool.....														
All other goods and merchandise not enumerated.....	923	340	3,003					2,456	3,926	2,796		6,722		539 70
Bark.....														
Barrels, empty.....		6						3		9		9		1 34
Boat knees.....														
Floats.....														
Firewood, in vessels.....	258	930	127,004						127,262	930		128,192		4,256 31
" rafts.....														
Hoops.....														
Hop poles.....														

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.		Total.		Total tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels.....	3,811	70	22,725						26,536	70	26,606	\$ 1,568 08
" " rafts.....												
Masts, spars and telegraph poles, in vessels.....												
" " rafts.....												
Railway ties, in vessels.			1,120						1,120		1,120	89 47
" " rafts.....												
Saw logs.....												
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....	17								17		17	5 34
Split posts and fence rails, in vessels.....	4								4		4	0 60
" " rafts.....												
Timber, square, in vessels.												
" " rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	6,389	10,272	161,183					93,492	167,572	103,764	271,336	16,795 88
											Total tolls on vessels.....	2,477 99
											" passengers.....	52 19
											Total revenue exclusive of hydraulic rents.....	19,326 06

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 1898.

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.		
												\$ cts.
Ashes, pot and pearl.....												2 83
Apples.....	1	115							1	115	116	0 06
Agricultural products not enumerated, vegetable...	1	1							1	1	2	17 74
" " " " animal.....	126	499							126	499	625	8 46
Agricultural implements.....	23	54							23	54	77	0 10
Barley.....	4								4		4	4 07
Bricks.....	103	61							103	61	164	0 08
Bones.....	3								3		3	3 20
Brimstone.....												16 68
Buckwheat.....	5	105							5	105	110	130 79
Cement and water lime.....	643	20							643	20	663	400 04
Clay, lime and sand.....	5,563	18							5,563	18	5,581	2 34
Coal.....		1,665								9,144	10,809	0 06
Corn.....	3	90							3	90	93	3 31
Cattle.....		2								2	2	0 40
Cotton (raw).....												
Crockery and earthenware.....	10	24							10	24	34	
Dye wood and dye stuffs.....												
Fish.....	12								12		12	
Flax and hemp.....												
Flour.....	101	234							101	234	335	8 71
Furniture.....	7	21							7	21	28	2 52
Gypsum.....												
Glass (all kinds).....	41	6							41	6	47	4 26
Hay (pressed).....	86								86		86	2 05
Hogs.....												
Horses.....	8	9							8	9	17	0 51
Hides and skins, horns and hoofs.....	5	1							5	1	6	0 16
Ice.....		40								40	40	0 67
Iron, railway.....												
" pig.....	6								6		6	0 28

CANAL STATISTICS.

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.		
Iron, all other	388	26							388	26	414	\$ 11 73
Iron ore.....												
Kyrolite chemical ore and other ore, except iron.....		20								20	20	1 00
Lard and lard oil.....	45	7							45	7	52	1 26
Meal, all kinds.....		28								28	28	0 67
Meats, other than pork												
Marble												
Manilla	7	1							7	1	8	0 70
Molasses.....	112								112		112	9 80
Nails.....	93	1							93	1	94	10 04
Oats.....	244	1,149							244	1,149	1,393	71 90
Oil (in barrels).....	84	42							83	42	125	12 18
Oil cake		1								1	1	0 03
Pease		3								3	3	0 07
Potatoes.....	21	36							21	36	57	1 65
Pork	75	21							75	21	96	2 61
Paint.....	23								23		23	2 67
Pitch and tar	18	1							18	1	19	1 70
Rags.....	3	13							3	13	16	1 42
Rye.....		8								8	8	0 38
Flax seed.....												
Rosin	2								2		2	0 18
Salt	931	328							931	328	1,259	33 77
Stone intended for cutting	2								2		2	0 05
" wrought.....												
" not suitable for cutting, unwrought.....	23								23		23	0 28
Seeds, all kinds	10	2							10	2	12	0 30
Sheep												
Soda ash.....	3								3		3	0 26
Steel.....	12								12		12	0 29
Sugar.....	436	36							436	36	472	42 54
Spirits, beer, &c.....	41	20							41	20	61	5 45
Tobacco (raw).....	4								4		4	0 10
Tallow												

Tin	6							6	6	0 54		
Turpentine.....												
Wheat.....	3	261						3	261	6 16		
White lead.....	10	1						10	1	0 99		
Whiting.....	4							4		0 36		
Wool.....												
All other goods and merchandise not enumerated.....	723	394	5					5	728	399	1,127	115 67
Bark.....	4							4			4	0 10
Barrels, empty.....	7	10						7	10		17	1 12
Boat knees.....												
Floats.....	380	40						380	40		420	17 85
Firewood, in vessels.....	4,980	528						4,980	528		5,508	101 05
" rafts.....	12							12			12	0 26
Hoops.....												
Hop poles.....	42							42			42	6 00
Lumber, sawn, in vessels.....	1,811	3,437	6,734	9,106				8,545	12,543	21,088	1,880	93
" rafts.....	468							468		468		44 00
Masts, spars and telegraph poles, in vessels.....												
" rafts.....												
Railway ties, in vessels.....	1,427		544					1,971		1,971		220 28
" rafts.....	343							343		343		36 50
Saw logs.....		75							75	75		1 70
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....	119	42						119	42	161		28 00
Split posts and fence rails, in vessels.....	4	2						4	2	6		0 13
" rafts.....												
Timber, square, in vessels.....												
" rafts.....	60							60		60		1 12
Traverses.....	80							80		80		0 51
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	19,810	9,498	7,283	9,106				9,149	27,093	27,753	54,846	3,286 42
Coal, free, per Order in Council.....	100							100		100		
Grand total freight.....	19,910	9,498	7,283	9,106				9,149	27,193	27,753	54,946	
Total tolls on vessels.....												1,396 49
" passengers.....												111 10
" free coal.....										\$2.68		
Wharfage and storage.....												8 44
Other receipts.....												120 32
Total revenue, exclusive of hydraulic rents.....												4,922 77

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's 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.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels.....	4,907	47							4,907	47	4,954	\$ 49 54
" " rafts.....	1								1		1	0 01
Masts, spars, and telegraph poles, in vessels.....	20	23							20	23	43	0 43
" " rafts.....												
Railway ties, in vessels.....												
" " rafts.....												
Saw logs.....												
Staves and headings, barrels.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....												
Split posts and fence rails, in vessels.....	30	6							30	6	36	0 36
" " rafts.....												
Timber, square in vessels.....	178	35							178	35	213	2 13
" " rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....	15								15		15	0 15
Total freight paying tolls.....	14,427	49,321						742	15,169	49,321	64,490	644 90
Total tolls on vessels.....											2,231 42	
Other receipts.....											8 00	
Total receipts.....											2,884 32	

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 1898.

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.....												\$ cts.
Apples.....												
Agricultural products not enumerated, vegetables.....												
" " animals.....												
Agricultural implements.....		1								1	1	0 03
Barley.....												
Bricks.....	10	237							10	237	247	2 77
Bones.....												
Brimstone.....												
Buckwheat.....												
Cement and water lime.....												
Clay, lime and sand.....												
Coal.....												
Corn.....												
Cattle.....	104	2							104	2	106	1 06
Cotton (raw).....												
Crockery and earthenware.....												
Dye wood and dye stuffs.....												
Fish.....												
Flax and hemp.....												
Flour.....												
Furniture.....												
Gypsum.....												
Glass (all kinds).....												
Hay (pressed).....												
Hogs.....	136								136		136	1 36
Horses.....	2	4							2	4	6	0 06
Hides and skins, horns and hoofs.....												
Ice.....												
Iron, railway.....												

CANAL STATISTICS.

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.		
Iron, pig.....												\$ cts.
" all other												
" 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.....		3								3		0 03
Oil (in barrels).....												
Oil cake.....												
Pease.....												
Potatoes.....		2								2		0 02
Pork.....												
Paint.....												
Pitch and tar.....												
Rags.....												
Rye.....												
Flax seed.....												
Rosin.....												
Salt.....												
Stone intended for cutting.....												
" wrought.....												
" not suitable for cutting, unwrought.....												
Seeds, all kinds.....												
Sheep.....		1								1		0 01
Soda ash.....												
Steel.....												
Sugar.....												
Spirits, beer, &c.....												
Tobacco (raw).....												

Tallow									
Tin									
Turpentine									
Wheat	417					417		417	4 17
White lead									
Whiting									
Wool									
All other goods and merchandise not enumerated	31	120				31	120	151	4 53
Bark	36					36		36	1 40
Barrels, empty									
Boat knees									
Floats	1,304	3,418				1,304	3,418	4,722	27 50
Firewood, in vessels	13,985	1,806				13,985	1,806	15,791	166 75
" rafts									
Hoops									
Hop poles									
Lumber, sawn, in vessels	1,161	398				1,161	398	1,559	27 58
" " rafts	37	66				37	66	103	6 00
Masts, spars and telegraph poles, in vessels									
" " rafts									
Railway ties, in vessels	13					13		13	0 50
" rafts	291					291		291	11 50
Saw logs	3,383	448				3,383	448	3,831	33 57
Staves and headings, barrel									
" " pipe									
" " West India									
Staves, salt barrel									
Shingles	251	9				251	9	260	22 63
Split posts and fence rails, in vessels									
" " rafts									
Timber, square, in vessels									
" rafts									
Traverses									
Woodenware and wood partly manufactured									
Total freight paying tolls	21,167	6,509				21,167	6,509	27,676	311 47
Total tolls on vessels									589 76
" passengers									193 40
Other receipts									82 00
Total revenue, exclusive of hydraulic rents									1,176 63

CANAL STATISTICS.

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 1898.

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.....													
Apples.....	204	82							204	82	286	5	49
Agricultural products not enumerated, vegetable.....	18	102							48	102	150	3	19
" " animal.....		1								1	1	0	02
Agricultural implements.....		1								1	1	0	03
Barley.....	300	344							300	344	644	12	10
Bricks.....	147								147		147	2	79
Bones.....													
Brimstone.....													
Buckwheat.....	36	118							36	118	154	2	90
Cement and water lime.....	268	14	27						295	14	309	5	86
Clay, lime and sand.....													
Coal.....	80	660						549	80	1,209	1,289	24	21
Corn.....	12								12		12	0	23
Cattle.....													
Cotton (raw).....													
Crockery and earthenware.....	12	24							12	24	36	0	92
Dye wood and dye stuffs.....													
Fish.....	1								1		1	0	02
Flax and hemp.....	6								6		6	0	12
Flour.....		9						20		29	29	0	55
Furniture.....	161	18	5					1	166	19	185	4	88
Gypsum.....													
Glass (all kinds).....	41								41		41	1	03
Hay (pressed).....													
Hogs.....													
Horses.....	6								6		6	0	12
Hides and skins, horns and hoofs.....													
Ice.....													
Iron, railway.....	1								1		1	0	02

" pig.....		253						253	253	4 75
" all other.....	92	302	36			280	128	582	710	13 37
Iron ore.....										
Kryolite chemical ore and other ore, except iron.....										
Lard and lard oil.....		21						21	21	0 40
Meal, all kinds.....										
Meats, other than pork.....										
Marble.....										
Manilla.....										
Molasses.....	4						4		4	0 10
Nails.....	7	2	14				21	2	23	0 59
Oats.....	60	102					60	102	162	3 05
Oil (in barrels).....	34	128	10				44	128	172	4 32
Oil cake.....										
Pease.....	72	943					72	943	1,015	19 10
Potatoes.....	69						69		69	1 32
Pork.....										
Paint.....	17		8				25		25	0 65
Pitch and tar.....	10						10		10	0 25
Rags.....	32	8					32	8	40	1 00
Rye.....	28	187					28	187	215	4 07
Flax seed.....	1						1		1	0 02
Rosin.....										
Salt.....	58					15	58	15	73	1 39
Stone intended for cutting.....										
" wrought.....	16						16		16	0 40
" not suitable for cutting, unwrought.....	300	15			53		353	15	368	3 68
Seeds, all kinds.....	100	6	3				103	6	109	2 07
Sheep.....										
Soda ash.....	309		5				314		314	7 86
Steel.....	29						29		29	0 55
Sugar.....	752	18	10				762	18	780	19 54
Spirits, beer, &c.....	12	38	7				19	38	57	1 43
Tobacco (raw).....										
Tallow.....										
Tin.....	7						7		7	0 18
Turpentine.....										
Wheat.....	48	272					48	272	320	6 06
White lead.....	9						9		9	0 23
Whiting.....	113						113		113	2 83
Wool.....	4						4		4	0 08
All other goods and merchandise not enumerated.....	1,660	1,599	5			16	1,665	1,615	3,280	82 25
Bark.....										
Barrels, empty.....	9						9		9	23
Boat knees.....										
Floats.....										
Firewood, in vessels.....	255		195				450		450	3 76
" rafts.....										
Hoops.....										
Hop poles.....										

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported on the Murray 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.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels.....	241		188						429		429	4 82
" " raft.....												
Masts, spars, and telegraph poles, in vessels.....												
" " " " rafts.....												
Railway ties, in vessels.....												
" " rafts.....												
Saw logs.....												
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
" salt barrel.....												
Shingles.....			18						18		18	1 50
Split posts and fence rails, in vessels.....												
" " " " rafts.....												
Timber, square, in vessels.....												
" " rafts.....		3,140								3,140	3,140	39 25
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	5,671	8,407	531				53	881	6,255	9,288	15,543	295 58
Total tolls on vessels.....												230 21
do passengers.....												158 22
Total revenue exclusive of hydraulic rents.....												684 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 1898.

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.....	15		809						824		824
Agricultural products not enumerated, vegetables.....	2								2		2
" " animal.....											
Agricultural implements.....											
Barley.....						6,305				6,305	6,305
Bricks.....	11		46		228				285		285
Bones.....											
Brimstone.....											
Buckwheat.....											
Cement and water lime.....	363	8	62						425	8	433
Clay, lime and sand..		1,284		3						1,287	1,287
Coal, soft.....	1,902				526,869	680	42,666	950	571,437	1,630	573,067
" hard.....					57,513	3,000	6,932		64,445	3,000	67,445
Corn.....						17,548		3,976		21,524	21,524
Cattle.....	18		5	3					23	3	26
Cotton (raw).....											
Crockery and earthenware.....	36		14						50		50
Dye wood and dye stuffs.....											
Fish.....		30		484		188		16		718	718
Flax and hemp.....								93		93	93
Flour.....	41	10,436			5	54,648		28,969	46	94,053	94,099
Furniture.....	9	3	75			2	1	4	85	9	94
Gypsum.....											
Glass (all kinds).....	12		63								
Hay (pressed).....	174	2	220		204	26	55		75	28	75
Hogs.....	2		2						4		4
Horses.....	51		15	2		6		1	66	9	75
Hides and skins, horns and hoofs.....					110	82		3	110	85	195
Ice.....											

Steel	1								1		1
Sugar	65		145		380				590		590
Spirits, beer, &c	319		136						455		455
Tobacco (law)											
Tallow								2		2	2
Tin	25								25		25
Turpentine											
Wheat		94,053		9,655		137,284		51,406		292,398	292,398
White lead	11		3						14		14
Whiting	38								38		38
Wool						700		30		730	730
All other goods and merchandise not enumerated	9,215	196	5,692	24	13,526	4,013	25	340	28,458	4,573	33,031
Bark											
Barrels empty								3		3	3
Boat, knees											
Floats											
Firewood, in vessels		381		2,200		2,212	12	789	12	5,582	5,594
" rafts		81								81	81
Hoops	12								12		12
Hop poles											
Lumber, sawn, in vessels	2,133	599	9			19,950	10		2,152	20,549	22,701
" rafts											
Masts, spars and telegraph poles, in vessels											
" rafts											
Railway ties, in vessels											
" rafts											
Saw logs	72	1,244	47		1,134	1,053	14		1,267	2,297	3,564
Staves and headings, barrels											
" pipe											
" West India											
Staves, salt barrel											
Shingles	1					2,310		215	1	2,525	2,526
Split posts and fence rails, in vessels											
" rafts											
Timber, square, in vessels					400	136		1,200	400	1,336	1,736
" rafts	43								43		43
Traverses											
Woodenware and wood partly manufactured	2		114						116		116
Total freight	16,503	108,344	9,321	12,371	618,594	2,147,136	51,653	91,365	696,071	2,359,216	3,055,287

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, 8th June, 1899.

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.....	382,698	4,521 40	702,438	4,608 39	74,075	227 49
United States vessels, steam.....	705,765	10,585 21	56,180	368 60	222	3 02
Canadian vessels, sail.....	135,880	2,868 34	1,628,762	18,147 99	23,638	251 09
United States vessels, sail.....	188,544	4,253 84	127,554	1,624 24	154,771	1,996 39
Total, Class No. 1.....	1,412,887	22,228 79	2,514,934	24,749 22	252,706	2,477 99
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	33,267	555 17	61,656	2,955 09	3,260	52 19
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	43	4 86	8,236	425 49	680	68 00
Brimstone.....			770	78 23	7,952	795 20
Cement and water lime.....	353	61 24	16,682	1,553 00	147	9 70
Clay, lime and sand.....	594	23 48	24,043	1,027 98	4,829	548 59
Fish.....	88	13 20	67	6 02		
Gypsum.....			1,236	16 05		
Iron, railway.....	1,444	288 80	808	67 34		
" pig.....	4,335	840 63	1,781	204 77	160	16 00
" all other.....	7,387	1,444 79	7,503	601 94	2,125	232 09
Steel.....	7,607	1,512 25	1,739	188 57		
Salt.....	799	158 34	2,667	294 42	647	54 08
Stone, for cutting.....	554	110 80	2,150	135 83		
Apples.....	250	7 64	1,776	251 67	893	87 64
Barley.....	12,286	1,228 60	2,536	213 59		
Buckwheat.....			3,051	192 83		
Corn.....	437,861	43,783 35	186,888	8,820 24		
Cotton, raw.....			10	0 98		
Flax and hemp.....	135	20 25	39	2 78		
Flour.....	5,578	990 84	25,441	1,924 19	460	15 56
Hay, pressed.....			722	44 82	3,514	127 64
Meals, all kinds.....	22,626	4,525 20	2,917	203 54		
Oil cake.....			4,007	300 49		
Oats.....	17,502	1,750 00	49,073	2,164 22	3,894	132 52
Pease.....	306	30 52	19,956	1,699 04	376	12 67
Potatoes.....			137	13 31	23	1 48
Rye.....	16,127	1,612 70	10,488	815 47		
Flax seed.....	5,696	569 60	13,081	645 05		
Seeds, all kinds.....	118	17 69	5,531	255 72	9	0 34
Tobacco, raw.....			17	1 18		
Wheat.....	207,647	20,710 95	90,181	4,804 95	1	0 04
All other agricultural products, vegetable.....	461	31 95	2,549	277 23		
Bones.....			18	1 32	298	29 80
Cattle.....			334	25 30	130	4 59
Hogs.....						
Hides and skins, horns and hoofs.....	93	13 95	10	1 36		
Horses.....	8	1 14	695	44 05	50	2 20
Lard and lard oil.....	3,679	735 40	1,574	124 57	4	0 40
Meats, other than pork.....	23	3 19	346	26 08		
Pork.....	1,282	255 85	2,002	151 71		
Sheep.....			73	5 51	54	2 06
Tallow.....	534	98 05	294	22 06		
Wool.....	89	17 80	38	5 59		
All other agricultural products, animal.....			4,293	492 23		
Total, Class No. 4.....	755,505	80,863 06	495,749	28,139 72	26,246	2,140 60

A—Continued.

the Amount of tolls collected during the Season of Navigation in 1898.

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.
177,944	184 33	148,262	660 89	114,429	776 32	31,856	638 70	76,662	426 51
608	3 03	5	0 25	692	10 38	342	6 84	.....	.....
10,848	39 60	143,405	1,957 66	29,657	440 35	76,662	1,533 88	40,769	163 25
207	3 25	24,966	595 48	8,308	169 44	2,600	52 00	.....	.....
189,607	230 21	316,638	3,214 28	153,086	1,396 49	111,460	2,231 42	117,431	589 76
No.		No.		No.		No.		No.	
13,873	158 22	13,076	175 43	4,830	111 10	.....	.....	31,436	193 40
Tons.		Tons.		Tons.		Tons.		Tons.	
147	2 79	356	13 12	164	4 07	.....	.....	247	2 77
309	5 86	180	3 60	663	16 68	1,017	10 17	.....	.....
1	0 02	2,640	60 17	5,581	130 79	894	8 94	.....	.....
1	0 02	3	0 22	12	0 40	16 71	16 71	.....	.....
253	4 75	.....	.....	6	0 28	1,119	11 19	.....	.....
710	13 37	31	2 75	414	11 73	21	0 21	.....	.....
29	0 55	.....	.....	12	0 29	.....	.....	.....	.....
73	1 39	1	0 10	1,259	33 77	471	4 71	.....	.....
286	5 49	72	4 30	2	0 05	79	0 79	.....	.....
644	12 10	40	3 75	116	2 83	19	0 19	.....	.....
154	2 90	59	5 42	4	0 10	.....	.....	.....	.....
12	0 23	.....	.....	110	3 20	.....	.....	.....	.....
6	0 12	.....	.....	93	2 34	.....	.....	.....	.....
29	0 55	41	3 89	335	8 71	2,177	21 77	.....	.....
.....	.....	234	20 71	86	2 05	1,324	13 24	.....	.....
.....	.....	9	0 66	28	0 67	.....	.....	.....	.....
.....	.....	2	0 20	1	0 03	528	5 28	.....	.....
162	3 05	2,158	182 06	1,393	71 90	894	8 94	3	0 03
1,015	19 10	330	26 00	3	0 07	.....	.....	.....	.....
69	1 32	191	12 91	57	1 65	1,341	13 41	2	0 02
215	4 07	10	0 98	8	0 38	.....	.....	.....	.....
1	0 02	.....	.....	.....	.....	.....	.....	.....	.....
109	2 07	4	0 24	12	0 30	.....	.....	.....	.....
320	6 06	225	21 94	4	0 10	.....	.....	.....	.....
150	3 19	25	1 58	264	6 16	.....	.....	417	4 17
.....	.....	6	0 48	2	0 06	133	1 33	.....	.....
.....	.....	905	70 39	3	0 08	.....	.....	.....	.....
.....	.....	116	8 75	2	0 06	38	0 38	106	1 06
.....	.....	13	1 18	6	16	.....	.....	136	136
6	0 12	282	12 34	17	0 51	.....	.....	6	0 06
21	0 40	6	0 28	52	1 26	.....	.....	.....	.....
.....	.....	3	0 30	.....	.....	4	0 04	.....	.....
.....	.....	13	0 92	96	2 61	19	0 19	.....	.....
.....	.....	321	32 47	.....	.....	2	0 02	1	0 01
.....	.....	5	30	.....	.....	9	0 09	.....	.....
4	0 08	16	160	.....	.....	.....	.....	.....	.....
1	0 02	2,743	248 36	625	17 74	9	0 09	.....	.....
4,727	89 64	11,100	741 97	11,430	321 03	11,769	117 69	918	9 48

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

Articles.	Welland Canal.		St. Lawrence Canals.		Chamby Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>		\$ cts.		\$ cts.		\$ cts.
Ashes, pot and pearl.....	96	18 05	22	4 40		
Agricultural implements.....			72	10 71		
Crockery and earthenware.....	20	3 00	139	25 34	5	0 50
Dye woods and dye stuffs.....			30	3 75	10	1 00
Furniture.....	14	1 56	1,401	208 03		
Glass, all kinds.....	109	18 92	616	115 46		
Marble.....	205	30 75	3	0 39		
Manilla.....	119	17 85	11	1 00		
Molasses.....	95	17 05	1,302	99 72	8	0 27
Nails.....	127	13 44	3,079	365 72		
Oil, in barrels.....	1,296	256 59	1,230	177 75	48	4 77
Paint.....	25	1 17	531	79 37	6	0 60
Pitch and tar.....	11	1 26	619	71 61	290	44 80
Rags.....			264	41 65		
Rosin.....			1,748	104 65	2,384	265 57
Soda ash.....	10	0 20	1,365	269 89	29	2 90
Sugar.....	5,421	801 12	10,675	1,693 57		
Stone, wrought.....			637	68 64		
Tin.....	40	5 22	2,014	390 49		
Turpentine.....	1	0 15	234	12 15	259	25 90
White lead.....			131	16 17		
Whiting.....	1	0 02	549	104 57		
Whisky and all other spirits.....	365	52 54	521	93 09	2	0 20
Merchandise, not enumerated.....	55,922	8,268 08	17,083	2,309 92	6,722	539 70
Total, Class No. 4.....	63,877	9,506 97	44,276	6,268 04	9,763	886 21
<i>Class. No. 2.</i>						
Bark.....						
Barrels, empty.....	21	3 20	295	26 32	9	1 34
Boat knees.....						
Floats.....			1,298	23 04		
Fire wood, in vessels.....	6,412	356 86	8,868	152 40	128,192	4,256 31
" rafts.....						
Lumber, sawn, in vessels.....	80,574	14,411 75	16,593	468 92	26,606	1,568 08
" rafts.....			1,943	87 71		
Hoops.....						
Railway ties, in vessels.....	190	30 04	57	1 14	1,120	89 47
" rafts.....						
Masts, spars and telegraph poles, in vessels.....			66	2 48		
Masts, spars and telegraph poles, in rafts.....			16,107	402 05		
Square timber, in vessels.....	49,098	7,308 85	373	11 82		
" rafts.....	30	0 85	3,535	88 50		
Woodenware and wood, partly manufactured.....	17	6 80	69	19 00		
Shingles.....	12	7 28	21	3 73	17	5 34
Split p sts and fence rails, in vessels.....					4	0 60
" rafts.....						
Saw-logs.....	3,675	153 54	7,968	181 72		
Staves and headings, barrel.....	40	3 20				
" " pipe.....						
" " West India.....						
" " salt barrel.....			48	0 96		
Traverses.....			1,200	7 42		
Hop poles.....						
Total, Class No. 5.....	140,069	22,282 37	58,261	1,477 21	155,948	5,921 14

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.
								1	0 03
1	0 03	6	1 00	77	8 46	4	0 04		
36	0 92			34	3 31	2	0 02		
185	4 88	28	3 68	28	2 52				
41	1 03			47	4 26				
				8	0 70				
4	0 10			112	9 80	148	1 48		
23	0 59	1	0 14	94	10 04	4	0 04		
172	4 32			125	12 18	116	1 16		
25	0 65	1	0 05	23	2 67	1	0 01		
10	0 25	13	2 47	19	1 70				
40	1 00	113	20 57	16	1 42				
				2	0 18				
314	7 86			3	0 26				
780	19 54	2	0 28	472	42 54	51	0 51		
16	0 40					3,250	32 50		
7	0 18			6	0 54	28	0 28		
						3	0 03		
9	0 23			11	0 99	3	0 03		
113	2 83			4	0 36				
57	1 43	1	0 19	61	5 45	22	0 22		
3,280	82 25	443	71 46	1,127	115 67	2,251	22 51	151	4 53
5,113	128 49	608	99 84	2,269	223 05	5,883	58 83	152	4 56
				4	0 10			36	1 40
9	0 23	28	3 29	17	1 12	14	0 14		
						7	0 07		
		29,865	245 43	420	17 85			4,722	27 50
450	3 76	21,371	828 95	5,508	101 05	624	6 24	15,791	166 75
		3,598	30 20	12	0 26				
429	4 82	441,458	30,864 91	21,088	1,880 93	4,954	49 54	1,559	27 58
		829	7 21	468	44 00	1	0 01	103	6 00
		2	0 24						
		3,116	464 26	1,971	220 28			13	0 50
				343	36 50			291	11 50
						43	0 43		
		20	0 25						
		1,160	12 18			213	2 13		
3,140	39 25	3,060	38 75	60	1 12				
						15	0 15		
18	1 50	86	17 59	161	28 00			260	22 63
				6	0 93	36	0 36		
		8,338	175 84	75	1 70			3,831	33 57
				80	0 51				
				42	6 00				
4,046	49 56	512,931	32,689 10	30,255	2,340 35	5,907	59 07	26,606	297 43

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

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Special Class.</i>		\$ cts.		\$ cts.		\$ cts.
Coal	162,336	32,467 20	188,962	27,253 65	79,379	7,847 93
Kryolite or chemical ore.....						
Iron ore.....	13,433	671 65				
Stone, unwrought, not suitable for cutting.....	421	22 86	468	12 00		
Ice.....						
Total, Special Class.....	176,190	33,161 71	189,430	27,265 65	79,379	7,847 93
Total freight and tolls.....	1,135,641	168,598 07	787,716	90,854 93	271,336	19,326 06
Timber and other wood, free.....			3,605	341 32		
Wheat, corn, flour, iron, salt, coal, &c., &c., free.....	4,436	665 40	647,813	61,086 15		
Grand Totals (passengers and tonnage of vessels not included)...	1,140,077	169,263 47	1,439,134	152,282 40	271,336	19,326 06

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

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.
1,289	24 21			10,809	400 04	37,541	375 41		
				20	1 00				
368	3 68			23	0 28	3,390	33 90		
				40	0 67				
1,657	27 89			10,892	401 99	40,931	409 31		
15,543	684 01	524,639	36,920 62	54,846	4,794 01			27,676	1,094 63
		25,347	280 07						
				100	2 68				
15,543	684 01	549,986	37,200 69	54,946	4,796 69	64,490	2,876 32	27,676	1,094 63

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.	1,412,887	\$ cts. 22,228 79	2,514,934	\$ cts. 24,749 22	252,706	2,477 99
Passengers.	No. 33,267	555 17	No. 61,656	2,955 09	No. 3,260	52 19
<i>Forest, Produce of Wood.</i>						
Bark						
Boat knees			1,298	23 04		
Floats						
"	Free					
Firewood	6,412	356 86	8,688	152 40	128,192	4,256 31
"	Free					
Hop and hop poles						
Lumber, sawed	80,574	14,411 75	18,536	556 63	26,606	1,568 08
"	Free		3,208			
Masts spars, &c.			16,173	404 53		
Railway ties	190	30 04	57	1 14	1,120	89 47
"	Free		68			
Saw logs	3,675	153 54	7,968	181 72		
"	Free					
Staves, all kinds	40	3 20	48	0 96		
Shingles	12	7 28	21	3 73	17	5 34
Split posts and rails					4	60
Timber, square	49,128	7,309 70	3,908	100 32		
"	Free		329			
Traverses			1,200	7 42		
Total	140,031	22,272 37	61,502	1,431 89	155,939	5,919 80
<i>Farm Stock.</i>						
Cattle			334	25 30	130	4 59
Hogs						
Horses	8	1 14	695	44 05	50	2 20
"	Free		4			
Sheep			73	5 51	54	2 06
Total	9	1 14	1,106	74 86	234	8 85
<i>Produce of Animals.</i>						
Bones			18	1 32	298	29 80
Horns and hoofs, hides and skins (raw)	93	13 95	10	1 36		
Lard and lard oil	3,679	735 40	1,574	124 57	4	40
"	Free					
Meats other than pork	23	3 19	346	26 08		
Pork	1,282	255 85	2,002	151 71		
Tallow	534	98 05	294	22 06		
Wool	89	17 80	38	5 59		
Agricultural products not enumerated (Animal)			4,293	492 23		
Total	5,702	1,124 24	8,575	824 92	302	30 20

A.—Continued.

the Season of Navigation ended 31st December, 1898, 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.
189,607	230 21	316,638	3,214 28	153,086	1,396 49	111,460	2,231 42	117,431	589 76
No. 13,873	158 22	No. 13,076	175 43	No. 4,830	111 10	No.		No. 31,436	193 40
Tons.		Tons.		Tons.		Tons.		Tons.	
				4	0 10			36	1 40
		28,865	245 43	420	17 85	7	0 07	4,722	27 50
		17,200							
450	3 76	24,969	859 15	5,520	101 31	624	6 24	15,791	166 75
		150							
		2	0 24	42	6 00				
429	4 82	442,287	30,872 12	21,556	1,924 93	4,955	49 55	1,662	33 58
		95							
		20	0 25			43	0 43		
		3,116	464 26	2,314	256 78			304	12 00
		8,338	175 84	75	1 70			3,831	33 57
		3,362							
18	1 50	86	17 59	161	28 00			260	22 63
				6	0 93	36	0 36		
3,140	39 25	4,220	50 93	60	1 12	213	2 13		
		4,540							
				80	0 51				
4,037	49 33	538,250	32,685 81	30,238	2,339 23	5,878	58 78	26,606	297 43
		905	70 39	2	0 06	38	0 38	106	1 06
		116	8 75					136	1 36
6	0 12	282	12 34	17	0 51			6	0 06
		381	32 47			2	0 02	1	0 01
6	0 12	1,684	123 95	19	0 57	40	0 40	249	2 49
		6	48	3	0 08				
		13	1 18	6	0 16				
21	0 40	6	0 28	52	1 26				
		3	0 30			4	0 04		
		13	0 92	96	2 61	19	0 19		
		5	0 30			9	0 09		
4	0 08	16	1 60						
1	0 02	2,743	248 36	625	17 74	9	0 09		
26	0 50	2,805	253 42	782	21 85	41	0 41		

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

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Agricultural Products.</i>						
		\$ cts.		\$ cts.		\$ cts.
Agricultural products not enumerated, vegetable.....	461	31 95	2,549	277 23		
" " Free.....			56			
Apples.....	250	7 64	1,766	251 67	893	87 64
Barley.....	12,286	1,228 60	2,536	213 59		
" Free.....			3,960			
Buckwheat.....			3,051	192 83		
Cotton.....			10	0 98		
Corn.....	437,861	43,783 35	186,888	8,820 24		
" Free.....			314,948			
Flax and hemp.....	135	20 25	39	2 78		
" Free.....			1,841			
Flour.....	5,578	990 84	25,441	1,924 19	460	15 56
" Free.....			653			
Hay, pressed.....			722	44 82	3,514	127 64
Meals, all kinds.....	22,626	4,525 20	2,917	203 54		
Manilla.....	119	17 85	11	1 00		
Oats.....	17,502	1,750 00	49,073	2,164 22	3,894	132 52
" Free.....			3,975			
Pease.....	306	30 52	19,956	1,699 04	376	12 67
" Free.....			260			
Potatoes.....			137	13 31	23	1 48
Rye.....	16,127	1,612 70	10,488	815 47		
" Free.....			15,488			
Seed, flax, clover and grass.....	5,814	587 29	18,612	909 77	9	34
" Free.....	56		3,846			
Tobacco, raw.....			18	1 18		
Wheat.....	207,647	20,710 95	90,181	4,804 95	1	0 04
" Free.....			184,154			
Total.....	726,768	75,297 14	943,575	22,340 81	9,170	377 89
<i>Manufactures.</i>						
Ashes, pot and pearl.....	96	18 05	22	4 40		
" Free.....			73			
Agricultural implements.....			72	10 71		
Barrels, empty.....	21	3 20	295	26 32	9	1 34
Bricks.....	43	4 86	8,236	425 49	680	68 00
" Free.....	70					
Cement and water lime.....	353	61 24	16,682	1,553 00	147	9 70
" Free.....	996					
Crockery and earthenware.....	20	3 00	139	25 34	5	0 50
" Free.....	33					
Furniture.....	14	1 56	1,401	208 03		
Glass of all kinds.....	109	18 92	616	115 46		
" Free.....	150		75			
Iron, railway.....	1,444	288 80	808	67 34		
" pig.....	4,335	840 63	1,781	204 77	160	16 00
" all other.....	7,387	1,144 79	7,503	601 94	2,125	232 09
" Free.....	699		6,217			
Molasses.....	95	17 05	1,302	99 72	8	0 27
" Free.....			55			
Nails.....	127	13 44	3,079	365 72		
" Free.....	229					
Oil.....	1,296	256 59	1,230	177 75	48	4 77
" Free.....	15		1,141			
Oil cake.....			4,007	300 49		
Paint.....	25	1 17	531	79 37	6	0 60

during the Season of Navigation ended 31st December, 1898, &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.
150	3 19	25	1 58	2	0 06	133	1 33		
286	5 49	72	4 30	116	2 83	19	0 19		
644	12 10	40	3 75	4	0 10				
154	2 90	59	5 42	110	3 20				
12	0 23			93	2 34				
6	0 12								
29	0 55	41	3 89	335	8 71	2,177	21 77		
		234	20 71	86	2 05	1,324	13 24		
		9	0 66	28	0 67	528	5 28		
				8	0 70				
162	3 05	2,158	182 06	1,393	71 90	894	8 94	3	0 03
1,015	19 10	330	26 00	3	0 07				
69	1 32	191	12 91	57	1 65	1,341	13 41	2	0 02
215	4 07	10	0 98	8	0 38				
110	2 09	4	0 24	12	0 30				
				4	0 10				
320	6 06	225	21 94	264	6 16			417	4 17
3,172	60 27	3,398	284 44	2,523	101 22	6,416	64 16	422	4 22
1	0 03	6	1 00	77	8 46	4	0 04	1	0 03
9	0 23	28	3 29	17	1 12	14	0 14		
147	2 79	356	13 12	164	4 07			247	2 77
309	5 86	180	3 60	663	16 68	1,017	10 17		
36	0 92			34	3 31	2	0 02		
185	4 88	28	3 68	28	2 52				
41	1 03			47	4 26				
1	0 02					21	0 21		
253	4 75			6	0 28				
710	13 37	31	2 75	414	11 73				
4	0 10			112	9 80	148	1 48		
23	0 59	1	0 14	94	10 04	4	0 04		
172	4 32			125	12 18	116	1 16		
		2	0 20	1	0 03				
25	0 65	1	0 05	23	2 67	1	0 01		

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

Articles.	Welland Canal.		St. Lawrence Canals.		Chaumbly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Manufacturers.— Concluded.</i>						
		\$ cts.		\$ cts.		\$ cts.
Paint.....Free	35					
Pitch and tar.....	11	1 26	619	71 61	290	44 80
".....	37					
Rosin.....			1,748	104 65	2,384	265 57
Soda ash.....	10	0 20	1,365	269 89	29	2 90
".....Free	88					
Spirits, Whiskey, &c.....	365	52 54	521	93 09	2	0 20
".....Free	98		4			
Steel.....	7,607	1,512 25	1,739	188 57		
".....Free	19		1,351			
Sugar.....	5,421	801 12	10,675	1,693 57		
".....Free	566					
Tin.....	40	5 22	2,014	390 49		
".....Free	237					
White lead.....			131	16 17		
Turpentine.....	1	0 15	234	12 15	259	25 90
Whiting.....	1	0 02	549	104 57		
".....Free	93					
Woodenware.....	17	6 80	69	19 00		
Total.....	32,203	5,352 86	76,285	7,229 61	6,152	672 64
<i>Merchandise.</i>						
Brimstone, crude.....			770	78 23	7,952	795 20
Clay, lime and sand.....	594	23 48	24,043	1,027 98	4,829	548 59
".....Free	144		52			
Coal.....	162,336	32,467 20	188,962	27,253 65	79,379	7,847 93
".....Free			98,288			
Dye woods and dye stuffs.....			30	3 75	10	1 00
Fish.....	88	13 20	67	6 02		
".....Free	9					
Gypsum.....			1,236	16 05		
Ores, all kinds.....	13,433	671 65				
Marble.....	205	30 75	3	0 39		
Rags.....			264	41 65		
Salt.....	799	158 34	2,667	294 42	647	54 08
".....Free	35		144			
Stone, all kinds.....	975	133 66	3,255	216 47		
".....Free	31		10,341			
All other goods and merchandise, not enumerated.....	55,922	8,268 08	17,083	2,309 92	6,722	539 70
".....Free	793		886			
Total.....	235,364	41,766 36	348,091	31,248 53	99,539	9,786 50
Grand totals, passengers and tonnage of vessels not included.....	1,140,077	168,598 07	1,439,134	90,854 93	271,336	19,326 06

during the Season of Navigation ended 31st December, 1898, &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.
10	0 25	13	2 47	19	1 70				
				2	0 18				
314	7 86			3	0 26				
57	1 43	1	0 19	61	5 45	22	0 22		
29	0 55			12	0 29				
780	19 54	2	0 28	472	42 54	51	0 51		
7	0 18			6	0 54	28	0 28		
9	0 23			11	0 99	3	0 03		
						3	0 03		
113	2 83			4	0 36				
						15	0 15		
3,235	72 41	649	30 77	2,395	139 46	1,449	14 49	248	2 80
		2,640	60 17	5,581	130 79	894	8 94		
1,289	24 21			10,809	400 04	37,541	375 41		
				100					
1	0 02	3	0 22	12	0 40	1,671	16 71		
						1,119	11 19		
				20	1 00				
40	1 00	113	20 57	16	1 42				
73	1 39	1	0 10	1,259	33 77	471	4 71		
384	4 08			25	0 33	6,719	67 19		
3,280	82 25	443	71 46	1,167	116 34	2,251	22 51	151	4 53
5,067	112 95	3,200	152 52	18,989	684 09	50,666	506 66	151	4 53
15,543	684 01	549,986	36,920 62	54,946	4,794 01	64,490	2,876 32	27,676	1,094 63

APPENDIX A—Continued.

No. (A) 16—STATEMENT showing the Amount of Tolls accrued each month during the Season of Navigation ended 31st December, 1898.

Canals and Offices.	January	March.	April.	May.	June.	July.	August.	September	October.	November	December	Total.
WELLAND CANAL.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chippawa			0 25	2 20	4 40	9 01	3 00	0 50	...	2 50	.....	21 86
Colborne			11,620 63	22,501 10	15,020 32	14,683 17	15,568 51	13,312 52	14,057 25	7,583 25	2,423 06	116,769 81
Dalhousie			3,033 90	7,480 15	7,224 77	6,010 04	8,598 99	6,259 88	6,615 81	4,962 09	594 70	50,780 24
Dunnville			9 21	122 44	112 86	82 79	0 50	2 33	47 28	58 80	.....	436 21
Maitland .....			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Catharines.....		0 47	37 19	135 77	51 82	74 52	115 30	71 17	48 01	55 70	.....	589 95
Total Welland Canal		0 47	14,701 18	30,241 66	22,414 17	20,859 53	24,286 30	19,646 40	20,768 35	12,662 25	3,017 76	168,598 07
ST. LAWRENCE CANALS.												
Beauharnois			5 38	516 89	1,335 59	2,865 12	2,961 92	3,659 73	3,390 54	1,599 24	.....	16,334 41
Cardinal			2 52	77 46	37 46	45 55	48 66	11 44	59 07	52 55	8 97	373 68
Cornwall.....			1,248 00	4,853 57	4,146 30	3,986 78	4,665 28	3,422 59	4,205 82	3,322 50	40 76	29,891 60
Kingston.....			635 89	2,291 01	1,309 66	2,128 83	1,755 55	1,605 60	2,349 62	1,455 49	.....	13,531 65
Lachine.....			30 83	230 60	250 92	333 04	444 47	434 18	312 74	302 99	.....	2,339 77
Montreal.....			793 01	4,662 33	4,024 61	4,610 34	4,783 18	3,505 24	3,167 05	2,821 95	16 11	28,383 82
Total St. Lawrence Canals..			2,715 63	12,631 86	11,104 54	13,969 66	14,659 06	12,668 78	13,484 84	9,554 72	65 84	90,854 93
CHAMBLY CANAL.												
Chambly.....			.....	711 98	1,767 33	1,376 12	1,617 40	1,294 59	808 03	295 72	.....	7,871 17
St. John's .....			.....	2,364 29	1,642 21	2,032 73	1,117 28	1,579 45	1,529 67	566 02	.....	10,831 65
St. Ours.....			30 84	48 80	66 99	80 18	76 15	107 05	130 36	82 87	.....	623 24
Total Chambly Canal.....			30 84	3,125 07	3,476 53	3,489 03	2,810 83	2,981 09	2,468 06	944 61	.....	19,326 06

OTTAWA CANALS.												
Ottawa.....			1 75	5,393 20	4,942 17	5,158 80	5,619 78	3,600 68	3,025 95	2,530 40	.....	30,272 73
Carillon.....				4 98	4 95	10 73	5 95	8 61	3 10	2 29	.....	40 61
Grenville.....			14 76	402 66	804 80	970 88	602 84	825 10	1,038 29	886 59	.....	5,545 92
St. Anne's.....			10 62	87 61	159 08	143 12	243 33	190 21	150 26	77 13	.....	1,061 36
Total Ottawa Canals.....			27 13	5,858 45	5,911 00	6,283 53	6,471 90	4,624 60	4,217 60	3,496 41	.....	36,920 62
BIDEAU CANAL.												
Kingston Mills.....				73 82	155 58	123 83	155 08	157 25	121 05	38 55	.....	825 16
Ottawa.....			1 16	374 29	537 31	469 81	604 60	423 06	387 81	598 18	.....	3,396 22
Smith's Falls.....				67 14	66 85	103 50	131 85	80 01	84 45	38 83	.....	572 63
Total Rideau Canal.....			1 16	515 25	759 74	697 14	891 53	660 32	593 31	675 56	.....	4,794 01
ST. PETER'S CANAL.												
St. Peter's.....	3 32	1 98	88 78	311 29	352 47	348 71	440 86	457 35	358 66	326 28	186 62	2,876 32
TRENT VALLEY CANALS.												
Bobcaygeon.....		0 25	9 55	47 00	82 88	68 69	50 83	29 25	37 65	9 14	.....	335 24
Buckhorn.....			2 47	6 95	27 60	23 27	16 93	15 15	19 50	1 00	.....	112 87
Burleigh.....			2 64	2 19	8 30	17 05	21 95	4 85	3 69	6 15	.....	66 82
Fenelon Falls.....			1 40	18 79	34 82	27 69	26 44	22 10	2 60	8 50	.....	142 34
Hastings.....			0 75	10 65	6 70	3 75	5 50	4 75	7 77	2 95	.....	42 82
Peterborough.....		0 90	17 42	27 72	64 37	91 77	90 87	57 06	23 10	21 33	.....	394 54
Total Trent Valley Canals..		1 15	34 23	113 30	224 67	232 22	212 52	133 16	94 31	49 07	.....	1,094 63
MURRAY CANALS.												
Brighton.....			38 40	77 39	68 61	100 42	148 42	88 67	97 69	64 41	.....	684 01
Grand Total.....	3 32	3 60	17,637 35	52,904 27	44,311 73	45,980 24	49,921 42	41,260 37	42,082 82	27,773 31	3,270 22	325,148 65

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, 8th June, 1899.

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, 1898, 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.....	968	101,433	99,905	86,711	2,387	.....	.....	4,082	88,180	192,226	190,472	382,698	\$ 4,521 40
" sail.....	357	26,501	27,993	41,156	148	.....	.....	.....	40,082	67,657	68,223	135,880	2,868 34
Total Canadian.....	1,325	127,934	127,898	127,867	2,535	.....	.....	4,082	128,262	259,883	258,695	518,578	7,389 74
United States vessels, steam.....	733	171	.....	78,625	1,810	269,208	220,808	1,078	134,065	349,082	356,683	705,765	10,585 21
" sail.....	326	3	5	43,113	4,839	32,770	49,148	3,406	55,260	79,292	109,252	188,544	4,253 84
Total United States.....	1,059	174	5	121,738	6,649	301,978	269,956	4,484	189,325	428,374	465,935	894,309	14,839 05
Grand Total, Welland Canal.....	2,384	128,108	127,903	249,605	9,184	301,978	269,956	8,566	317,587	688,257	724,630	1,412,887	22,228 79
ST. LAWRENCE CANALS.													
Canadian vessels, steam.....	3,740	364,611	296,914	18,174	98	.....	.....	.....	22,641	382,785	319,653	702,438	4,608 39
" sail.....	6,642	839,023	663,407	45,147	180	.....	19	.....	80,986	884,170	744,592	1,628,762	18,147 99
Total Canadian.....	10,382	1,203,634	960,321	63,321	278	.....	19	.....	103,627	1,266,955	1,064,245	2,331,200	22,756 38
United States vessels, steam.....	652	182	468	17,190	250	5,899	10,668	741	20,782	24,012	32,168	56,180	368 60
" sail.....	514	3,782	5,992	29,928	1,194	941	24,688	25,564	35,465	60,215	67,339	127,554	1,624 24
Total United States.....	1,166	3,964	6,460	47,118	1,444	6,840	35,356	26,305	56,247	84,227	99,507	183,734	1,992 84
Grand Total, St. Lawrence Canals..	11,548	1,207,598	966,781	110,439	1,722	6,840	35,375	26,305	159,874	1,351,182	1,163,752	2,514,934	24,749 22
CHAMBLY CANAL.													
Canadian vessels, steam.....	368	35,264	38,481	141	.....	.....	.....	.....	189	35,405	38,670	74,075	227 49
" sail.....	385	7,865	8,285	3,168	.....	.....	.....	.....	4,320	11,033	12,605	23,638	251 09
Total Canadian.....	753	43,129	46,766	3,309	.....	.....	.....	.....	4,509	46,438	51,275	97,713	478 58

United States vessels, steam	10			130				92	130	92	222	3 02
" sail	1,578	182	1,565	63,860				89,164	64,042	90,729	154,771	1,996 39
Total United States.	1,588	182	1,565	63,990				89,256	64,172	90,821	154,993	1,999 41
Grand Total, Chambly Canal.	2,341	43,311	48,331	67,299				93,765	110,610	142,096	252,706	2,477 99
OTTAWA CANALS.												
Canadian vessels, steam	987	42,946	105,260		56				42,946	105,316	148,262	660 89
" sail	1,160	3,650	138,221		1,534				3,650	139,755	143,405	1,957 66
Total Canadian	2,147	46,596	243,481		1,590				46,596	245,071	291,667	2,618 55
United States vessels, steam.	1		5							5	5	0 25
" sail	253	3,479	310		21,177				3,479	21,487	24,966	595 48
Total United States.	254	3,479	315		21,177				3,479	21,492	24,971	595 73
Grand Total, Ottawa Canals.	2,401	50,075	243,796		22,767				50,075	266,563	316,638	3,214 28
RIDEAU CANAL.												
Canadian vessels, steam.	1,488	54,590	55,056	1,846				2,937	56,436	57,993	114,429	776 32
" sail	719	11,980	12,123	2,777				2,777	14,757	14,900	29,657	440 35
Total Canadian	2,207	66,570	67,179	4,623				5,714	71,193	72,893	144,086	1,216 67
United States vessels, steam.	41	84	38	230				340	314	378	692	10 38
" sail	119	3,279	712	379	3,457			481	3,658	4,650	8,308	169 44
Total United States.	160	3,363	750	609	3,457			821	3,972	5,028	9,000	179 82
Grand Total, Rideau Canal.	2,367	69,933	67,929	5,232	3,457			6,535	75,165	77,921	153,036	1,396 49
ST. PETER'S CANAL.												
Canadian vessels, steam.	236	16,802	12,984	338			1,732		18,872	12,984	31,856	638 70
" sail	1,443	38,026	38,179				457		38,483	38,179	76,662	1,533 88
Total Canadian	1,679	54,828	51,163	338			2,189		57,355	51,163	108,518	2,172 58
United States vessels, steam.	2	171	171						171	171	342	6 84
" sail	11	762	166		153		1,519		2,281	319	2,600	52 00
Total United States.	13	933	337		153		1,519		2,452	490	2,942	58 84
Grand Total, St. Peter's Canal.	1,692	55,761	51,500	338	153		3,708		59,807	51,653	111,460	2,231 42

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.													
Canadian vessels, steam.....	1,617	39,058	37,604							39,058	37,604	76,662	\$ 426 51
" sail.....	746	19,506	21,263							19,506	21,263	40,769	163 25
Total Canadian.....	2,363	58,564	58,867							58,564	58,867	117,431	589 76
United States vessels, steam.....													
" sail.....													
Total United States.....													
Grand Total, Trent Valley Canals...	2,363	58,564	58,867							58,564	58,867	117,431	589 76
MURRAY CANAL.													
Canadian vessels, steam.....	490	99,139	47,951	15,556	499	499	499	499	13,302	115,693	62,251	117,944	184 33
" sail.....	163	4,267	5,629	379	25				35	4,681	6,167	10,848	39 60
Total Canadian.....	653	103,406	53,580	15,935	524	499	499	534	13,815	120,374	68,418	188,792	223 93
United States vessels, steam.....	11	47	109	19				98	23	312	89	608	3 03
" sail.....	13			50				60	54	43	110	207	3 25
Total United States.....	24	47	109	69		60	152	23	355	199	616	815	6 28
Grand Total, Murray Canal.....	677	103,453	53,689	16,004	524	559	651	557	14,170	120,573	69,034	189,607	230 21

No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—*Concluded.*
 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.....	1,325	127,934	127,898	127,867	2,535			4,082	128,262	259,883	258,695	518,578	7,389 74
St. Lawrence.....	10,382	1,263,634	960,321	63,321	278		19		103,627	1,266,955	1,064,245	2,331,200	22,756 38
Chambly.....	753	43,129	46,766		3,309				4,509	46,438	51,275	97,713	478 58
Ottawa.....	2,147	46,596	243,481		1,590					46,596	245,071	291,667	2,618 55
Rideau.....	2,207	66,570	67,179	4,623					5,714	71,193	72,893	144,086	1,216 67
St. Peter's.....	1,679	54,828	51,163		338			2,189		57,355	51,163	108,518	2,172 58
Trent Valley.....	2,363	58,564	58,867							58,564	58,867	117,431	589 76
Murray.....	653	103,406	53,580	15,935	524	499	499	534	13,815	120,374	8,418	188,792	223 93
Total Canadian	21,509	1,704,661	1,609,255	215,393	4,927	499	518	6,805	255,927	1,927,358	1,870,627	3,797,985	37,446 19
UNITED STATES VESSELS.													
<i>Steam and Sail.</i>													
Welland.....	1,059	174	5	121,738	6,649	301,978	269,956	4,484	189,325	428,374	465,935	894,309	14,839 05
St. Lawrence.....	1,166	3,964	6,460	47,118	1,444	6,840	35,356	26,305	56,247	84,227	99,507	183,734	1,992 84
Chambly.....	1,588	182	1,565	63,990					89,256	64,172	90,821	154,993	1,999 41
Ottawa.....	254	3,479	315							3,479	21,492	24,971	595 73
Rideau.....	160	3,363	750	609	3,457				821	3,972	5,028	9,000	179 82
St. Peter's.....	13	933	337		153			1,519		2,452	490	2,942	58 84
Trent Valley.....													
Murray.....	24	47	109	69		60	152	23	355	199	616	815	6 28
Total United States.....	4,264	12,142	9,541	233,524	32,880	308,878	305,464	32,331	336,004	586,875	683,889	1,270,764	19,671 97
Grand total, Canadian and United States.....	25,773	1,716,803	1,618,796	448,917	37,807	309,377	305,982	39,136	591,931	2,514,233	2,554,516	5,068,749	57,118 16

CANAL STATISTICS.

APPENDIX A—Continued.

No. (A) 18.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation of 1897 and 1898, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

	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.		
1897.												\$ cts.
Welland.....	6,478	175,480	5,613	4,518	210,831	353,863	1,277	516,232	224,199	1,650,093	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	48,770							18,317	48,776	67,093	2,844 70
Trent Valley.....	29,586	6,555							29,586	6,555	36,141	1,095 55
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
1898.												
Welland.....	6,343	106,239	5,561	20,997	210,516	277,023	986	512,412	223,406	916,671	1,140,077	168,598 0
St. Lawrence.....	172,178	1,028,585	3,374	620	398	962	28,181	204,836	204,131	1,235,003	1,439,134	90,854 9
Chambly.....	6,389	10,272	161,183					93,492	167,572	103,764	271,336	19,326 0
Ottawa.....	1,401	492,712		55,873					1,401	548,585	549,986	36,920 6
Rideau.....	19,910	9,498	7,283	9,106				9,149	27,193	27,753	54,946	4,794 0
St. Peter's.....	14,427	49,321					742		15,169	49,321	64,490	2,876 3
Trent Valley.....	21,167	6,509							21,167	6,509	27,676	1,094 6
Murray.....	5,671	8,407	531				53	881	6,255	9,288	15,543	684 0
Sault Ste. Marie.....	16,503	108,344	9,321	12,371	618,594	2,147,136	51,653	91,365	696,071	2,359,216	3,055,287	.....
Grand total.....	263,989	1,819,887	187,253	98,967	829,508	2,425,121	81,615	912,135	1,362,365	5,256,110	6,618,475	325,148 65

DEPARTMENT OF RAILWAYS AND CANALS.

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, 8th June, 1899.

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 1898.

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	3	24	2	16	2	16		
10	2	20	1	10	1	10		
15	1	15			2	30		
20	3	60			3	60	2	40
25	2	50						
30	4	120						
35	6	210						
40			6	240	1	40	1	40
45			3	135				
50	3	150	1	50	1	50		
55			1	55				
60	2	120	1	60	1	60	2	120
70					1	70		
75			3	225	1	75		
80					1	80		
85	1	85						
95					1	95		
100			1	100				
110			1	110			2	220
130					1	130		
135	1	135						
140					1	140		
150			1	150			2	300
155			1	155				
160	1	160						
165	1	165						
175					1	175		
180			2	360				
190	1	190	2	380				
195					1	195		
200			1	200	1	200		
220	3	660						
230			1	230				
245			1	245				
260					1	260	1	260
265	1	265			1	265	2	530
270			1	270				
275							1	275
280					3	840	1	280
285					1	285		
290	1	290	1	290			1	290
295	1	295	1	295				
300					2	600	3	900
305	1	305					1	305
310	1	310			1	310	2	620
315			1	315	1	315	3	945
320			2	640	1	320		
325			1	325				
330			2	660				
335			3	1,005				
355							1	355
360	1	360			1	360		
380			1	380				
385					1	385		
400					1	400		
405	1	405					1	405
415	1	415			1	415		

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.
796					1	796	1	796
800							1	800
802			1	802			1	802
806							1	806
811					1	811		
819							1	819
837					1	839		
838							1	838
841							1	841
849							1	849
870							1	870
873							1	873
882					1	882		
891							1	891
892					1	892		
900					1	900		
904					1	904		
908			1	908				
911					2	1,844		
917					1	917	1	917
918					1	918		
929					1	929		
931							1	931
940					2	1,880		
944					1	944		
950					1	950		
957							1	957
960							1	960
962					1	962		
963					1	963		
966					1	966		
977	1	977						
978					1	978		
989	1	989						
992							1	992
994							1	994
995							1	995
1,013					1	1,013		
1,023							1	1,023
1,024					1	1,024		
1,029					1	1,029		
1,030					1	1,030		
1,034							1	1,034
1,035	1	1,035			1	1,035		
1,041			1	1,041				
1,053					1	1,053		
1,054					1	1,054		
1,068					1	1,068		
1,072					1	1,072		
1,078							1	1,078
1,079					1	1,079		
1,083					1	1,083		
1,085							2	1,270
1,086							1	1,086
1,103					2	2,206		
1,111					3	3,333		
1,118					1	1,118		
1,123					2	2,246		
1,160					1	1,160		

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

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.
1,172	1	1,172						
1,180							1	1,180
1,203					1	1,203		
1,207					1	1,207	1	1,207
1,212								
1,213							1	1,213
1,330					1	1,330		
1,402							1	1,402
1,425					1	1,425		
1,441					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...	62	18,246	57	16,416	115	80,096	108	66 541

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed
through the Canals during the Season of Navigation in 1898.

ST. LAWRENCE CANALS.

8	29	232	11	88	6	48		
10	9	90	7	70	2	20	1	10
15	10	150	2	30	2	30		
20	11	220	6	120	2	40		
25	13	325	6	150			1	25
30	12	360	10	300				
35	9	315	2	70	2	70		
40	8	320	18	720	3	120	6	240
45	4	180	2	90	1	45		
50	7	350	4	200	1	50		
55	6	330	2	110				
60	4	240	41	2,460	1	60		
65	2	130	1	65				
70	1	70	5	350			2	140
75	3	225	7	525	1	75		
80	2	160	12	960	1	80		
85	4	340	4	340			1	85
90	3	270	6	540			9	810
95			8	760	2	190	44	4,180
100	4	400	24	2,400			61	6,100
105	4	420	6	630			14	1,470
110	2	220	11	1,210			11	1,210
115	3	345	7	805	1	115	11	1,265
120	2	240	8	960	1	120	5	600
125	1	125	3	375			1	125
130	2	260	3	390				
135			8	1,080	1	135		
140	1	140	9	1,260			1	140
145	2	290	9	1,305				
150			20	300				
155	2	310	33	5,115				
160			14	2,240			2	320

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

ST. LAWRENCE CANALS—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.
165	1	165	13	2,145				
170			6	1,020				
175			5	875				
180			8	1,440				
185			3	555				
190	1	190	4	760				
195			4	780				
200	2	400	2	400				
215			1	215				
220			2	440				
225			1	225				
230	2	460	4	920				
245			1	245				
255			1	255				
260			2	320				
265	1	265	1	265	1	265		
270			2	540				
275			1	275	2	550		
290	1	290	4	1,160			2	580
300			3	900				
305			3	915	1	305		
310			4	1,240				
315			3	945			1	315
320			4	1,280				
325			6	1,950				
330			2	660				
335	2	670	4	1,340				
340	1	340	4	1,360				
345	1	345	3	1,035			1	345
350			1	350				
360			2	720				
365	1	365	4	1,460				
370			4	1,480				
375			2	750	1	375		
390			1	390				
395			2	790				
400								
415			2	830	1	415	1	400
420			1	420				
435			1	435			1	435
440			1	440			1	440
445			1	445				
450			1	450				
455	1	455						
460			1	460				
475	1	475	1	475			1	475
480			1	480				
485			1	485				
490			1	490			1	490
500	1	500	1	500				
508	1	508						
516			2	1,032				
518			1	518				
520			1	520				
541	1	541	1	541				
543			1	543			1	543
544	1	544						
567			1	567				
575	1	575						

DEPARTMENT OF RAILWAYS AND CANALS.

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

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.
577							1	577
578			1	578			1	585
585			1	585				
586	1	586	1	586				
590			1	590				
593	1	593						
597							1	597
599	1	599						
607			1	607				
616							1	616
617					1	617		
636							1	636
639							2	1,278
660							1	660
662							1	662
680			1	680				
681			1	681				
691	1	691					1	691
694					1	694		
696							1	696
700							1	700
712							1	712
715	1	715						
719			1	719				
722							1	722
738							1	738
740			1	740				
753							1	753
768							1	768
769			1	769				
771			1	771				
777					1	777		
784					1	784	1	784
793							1	793
801							1	801
803			1	803				
805							1	805
819							1	819
838					1	838		
943							1	943
995							1	995
1,023							1	1,023
1,034							1	1,034
1,072	1	1,072						
1,086							1	1,086
1,103					1	1,103		
1,180							1	1,180
1,207							1	1,207
1,212							1	1,212
1,299	1	1,299						
1,402							1	1,402
Total...	187	19,700	458	74,158	39	7,921	211	46,218

No. (A) 21.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1898.

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	40	320	193	1,544			13	104
10	11	110	12	120	1	10		
15	8	120	4	60	6	90		
20	5	100	8	160			2	40
25	8	200	4	100	1	25		
30	3	90	3	90	1	30		
35	1	35	1	35				
40	9	360	5	200	2	80		
45	1	45						
50	2	100	8	400			1	50
55	3	165	1	55				
60	3	180	2	120				
65	1	65	1	65				
70					1	70	2	140
75	4	300	7	525				
80	1	80	2	160			3	240
85	1	85	3	255			7	595
90	1	90	9	810			23	2,070
95			2	190			111	10,545
100	2	200	5	500			155	15,500
105	2	210	3	315			43	4,515
110			4	440			35	3,850
115			5	575			17	1,955
120	1	120	2	240			9	1,080
125	2	250	3	375			1	125
130	1	130	2	260			1	130
135			3	405				
140	1	140	8	1,120				
145	2	290	10	1,450				
150			15	2,250			1	150
155	1	155	29	4,495				
160			13	2,080				
165			10	1,650				
170			4	680			1	170
175			2	350				
180			1	180				
185			1	185				
190			2	380				
195			1	195				
200	1	200	2	400				
228	1	228						
256			1	156				
262	1	262						
324	1	324						
332	1	332						
397	1	397						
Total.....	120	5,683	391	23,670	12	305	425	41,259

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 1898.

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 1,172 tons...	28	16,082	1	250 to 1,041 tons...	28	13,685	1	250 to 1,565 tons...	95	78,670	1	250 to 1,402 tons...	99	65,821
2	200 " 249 " ..	3	660	2	200 " 249 " ..	3	675	2	200 " 249 " ..	1	200	2	200 " 249 " ..	..	..
3	150 " 199 " ..	3	515	3	150 " 199 " ..	6	1,055	3	150 " 199 " ..	2	370	3	150 " 199 " ..	2	300
4	100 " 149 " ..	1	135	4	100 " 149 " ..	2	210	4	100 " 149 " ..	2	270	4	100 " 149 " ..	2	220
5	50 " 99 " ..	6	350	5	50 " 99 " ..	6	390	5	50 " 99 " ..	6	430	5	50 " 99 " ..	2	120
6	Under 50 " ..	21	499	6	Under 50 " ..	12	401	6	Under 50 " ..	9	156	6	Under 50 " ..	3	80
Total.....		62	18,246	Total.....		57	16,416	Total.....		115	80,096	Total.....		108	66,541

ST. LAWRENCE CANALS.

1	250 to 1,299 tons...	21	11,428	1	250 to 803 tons....	95	38,120	1	250 to 1,103 tons...	12	6,723	1	250 to 1,402 tons...	41	29,498
2	200 " 249 " ..	4	860	2	200 " 249 "	11	2,445	2	200 " 249 " ..	..	..	2	200 " 250 " ..	..	..
3	150 " 199 " ..	4	665	3	150 " 199 "	110	15,230	3	150 " 199 " ..	..	..	3	150 " 199 " ..	2	320
4	100 " 149 " ..	21	2,440	4	100 " 149 "	88	10,415	4	100 " 149 " ..	3	370	4	100 " 149 " ..	104	10,910
5	50 " 99 " ..	32	2,115	5	50 " 99 "	90	6,310	5	50 " 99 " ..	6	455	5	50 " 99 " ..	56	5,215
6	Under 50 " ..	105	2,192	6	Under 50 "	64	1,638	6	Under 50 " ..	18	373	6	Under 50 " ..	8	275
Total.....		187	19,700	Total.....		458	74,158	Total.....		39	7,921	Total.....		211	46,218

RIDEAU, OTTAWA AND CHAMBLY CANALS.

1	250 to 397 tons....	4	1,315	1	250 to 256 tons....	1	256	1	250 to -- tons....	..	.....	1	250 to -- tons....	.....	.....
2	200 " 249 " ...	2	428	2	209 " 249 " ...	2	400	2	200 " 249 " ...	.....	.....	2	200 " 249 " ...	.....	.....
3	150 " 199 "	1	155	3	150 " 199 "	78	12,445	3	150 " 199 " ....	.....	.....	3	150 " 199 "	2	320
4	100 " 149 "	11	1,340	4	100 " 149 "	45	5,680	4	100 " 149 " ....	.....	.....	4	100 " 149 "	261	27,155
5	50 " 99 "	16	1,065	5	50 " 99 "	35	2,580	5	50 " 99 "	1	70	5	50 " 99 "	147	13,640
6	Under 50 "	86	1,380	6	Under 50 "	230	2,309	6	Under 50 "	11	235	6	Under 50 "	15	144
Total.....		120	5,683	Total... ..		391	23,670	Total.....		12	305	Total... ..		425	41,259

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 8th June, 1899.

RICHARD DEVLIN,
Compiler of Canal Statistics.

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.		
	¢	c.	¢	c.	¢	c.	¢	c.	¢	c.	¢	c.	¢	c.	¢	c.	¢	c.	
<i>Class No. 1.</i>																			
Vessel, steam. per ton	0	01½	0	01½	0	02¼	0	00¾	0	00	0	01½	0	00½	0	01½	0	01½	
" sail and other.	0	02¼	0	02¼	0	03¾	0	01½	0	01½	0	02½	0	01	0	02½	0	1¼	
<i>Class No. 2.</i>																			
Passengers, 21 years of age and upwards...	0	10	0	10	0	20	0	10	0	05	0	08	0	02½	0	09¾	0	11	
" under 21 years each.....	0	05	0	05	0	10	0	05	0	02	0	04	0	01½	0	04½	0	06¾	
<i>Class No. 3.</i>																			
Bricks, cement and water lime.....	}	15	0	20	0	20	0	15	0	10	0	07	0	06	0	19¾	0	17½	
Clay, lime and sand.....																			
Brimstone.....																			
Corn.....																			
Flour.....																			
Iron, railway.....																			
" pig.....																			
" all other, including steel (O.C., Feb. 1, 1888).....																			
Plaster, gypsum.....																			
Salt.....																			
Salt meats or fish, in barrels or otherwise..																			
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	2½	

REVENUE TARIFF OF TOLLS

OF THE DOMINION OF CANADA, 1898.

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 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.	Tolls Chargeable at Peterborough and Hastings.
\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
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 $\frac{1}{4}$
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 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.
<p>The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.</p>									
<i>Class No. 5.</i>									
Bark	0 20	0 20	0 20	0 15	0 10	0 07	0 06	0 19 ¹ / ₄	0 01 ¹ / ₄
Barrels, empty, each	0 02	0 02	0 02	0 02	0 02	0 02	0 01	0 03 ¹ / ₄	0 00 ¹ / ₄
Boat knees, each	0 05	0 05	0 05	0 02	0 02	0 02	0 01	0 03 ¹ / ₄	0 00 ¹ / ₄
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 / ₄
" " 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 / ₄
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 ³ / ₄	0 00 ¹ / ₂	0 00 ³ / ₄	0 00 ³ / ₄	0 01 ¹ / ₄	0 0 ¹ / ₁₆
" " 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	0 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 / ₂	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
" " rafts ..	4 50	4 50	4 50	2 00	2 00	1 12	0 63	3 13	0 25
Wagon stuff, woodenware 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
" " 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
" " pipe, per M	1 50	1 50	1 50	1 00	1 00	0 75	0 50	1 75	0 12 ¹ / ₂
" " West India, per M ..	0 75	0 75	0 75	0 60	0 25	0 45	0 25	0 65	0 07 ¹ / ₂
" " 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 / ₄
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 D.C., 28th Oct., 1892) ..	0 15	0 05	....	0 05	West ward	....	....	....	....
Coal	0 20	0 20	0 20	0 15	0 10	0 08	0 05	0 17 ¹ / ₄	0 01 ⁵ / 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 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.	Tolls Charge- able 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 or for passage through 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, or 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 above 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 port 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 enlargements 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.....	1/2
2. From Chippawa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....	5/8
3. From Dunnville to Port Colborne.....	1/2
4. From Thorold to St. Catharines or Port Dalhousie.....	1/2
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places.	3/8
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson.....	3/8
7. From Port Robinson to Allanburg or Thorold.....	3/8
8. From Port Robinson to St. Catharines or Port Dalhousie.....	1/2
9. From St. Catharines to Port Dalhousie.....	1/8
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.....	1/2
13. From Chippawa Cut through Lock to Port Robinson.....	1/4
14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....	5/8
15. From Colborne, Dunnville, Maitland and Marshville to St. Catharines.....	7/8
16. Through the Chippawa Cut only.....	1/8
17. Through the Port Robinson Lock only.....	1/8

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.....	3/8

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	" " W. India, 1 mille.	4
Fish, 7 barrels.	1	" " barrel, 1 mille.	2½
Flour, 9 barrels.	1	" " salt barrel, 1 mille.	0½
Gypsum and manganese, 6 barrels.	1	Saw-logs, standard, 1.	0½
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
Liquids, all others, 215 gallons.	1	Railroad ties, 16, or 50 cubic feet.	1
Nuts, 9 barrels.	1	All other woodenware, or partly manufactured wood, 40 cubic feet as per tariff.	1
Systers, 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 " per barrel	4
Pork, beef, butter and lard "	5
Muscovado sugar " per hhd., 10 cents; per brl.	5
Liquors " per pipe, 15 cents; per pun.	12
" " per hhd., 10 cents; per qr. cask.	7
Iron, bars " per ton.	24
Iron, pig " "	12
Salt, except at the St. Gabriel sheds " per 100 minots.	36
Salt at the St. Gabriel sheds, Montreal, after the first 48 hours " per bag.	½
Bales, crates, cases, &c. " per ton weight or measurement.	24
Coals " 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 screening 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 WHARVES 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 wharves 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 wharves 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 wharves 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 "
Apples, crates and their contents, flour and meal, fish, meats, pitch, potatoes, tar, horses, neat cattle, sheep and swine.....	15 "
Ballast, clay, fire-bricks, gypsum, lime, marble, phosphate, sand, salt.....	10 "
Coal and coke, grain and seeds of all kinds.....	7½ "
Special—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 "
Each entry shall pay not less than 5 cents.	

All property landed on the canal wharves 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 reshipped from the wharves or vessels into sea-going vessels, shall pay wharfage dues equal to one section of canal tolls, viz., $3\frac{3}{4}$ 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 " 1 "
Fish, meat, pitch, tar	7 " 1 "
Horses	2 to 1 ton.
Neat cattle.....	3 to 1 "
Sheep.....	15 to 1 "
Swine.....	10 to 1 "

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 Tim-	For each succeeding	For Wintering in
	ber, &c., to include use of Basin and Wharf for one Month.	month during the Season of Navigation.	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 sawed lumber in rafts, per M feet, board measure.....	3	2	3
Saw logs, 12 feet long, if longer in same proportion per log	1	$\frac{1}{2}$	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
" pipe	8	4	8
" West India, per M.....	8	4	8
Firewood on bank of canal between Lock No. 3 and Lock No. 5, and also on wharves 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 vessel 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
" " barges	4 00
Inside locks " steamers	50 00
" other stations "	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
" " barges " 	4 00
Grenville Canal, steamers " 	8 00
" " barges " 	4 00
Inside Locks, Ste. Anne, Carillon and Grenville Canals, steamers per season.....	25 00
" 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 Bideau 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 entrances 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 1898 ONLY.

Sec. 42. For season of 1898 the Canal Tolls for the passage of the following food products:—wheat, Indian corn, pease, barley, rye, oats, flax seed and buckwheat, for through passage eastward through the Welland Canal, be ten cents per ton, and for through passage eastward through the St. Lawrence Canals only, ten cents per ton; payment of the said toll of ten cents per ton through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals, or any portion thereof; further, in the case of any of the above-mentioned products brought down from Parry Sound over the line of the Canada Atlantic Railway Company to their elevator at Coteau Landing, the through rate thereon from that point to Montreal to be five cents per ton. O.C. June 1, 1898.

Sec. 43. (a.) That for the current season of navigation of 1898, there shall be allowed in the case of steamships specially chartered for the conveyance of excursion parties, going and coming the same day, a reduction of one-half of the usual passenger tolls for passage through the Government canals, it being distinctly understood that no freight is to be carried by the said steamers on such excursions. O.C. June 20, 1898.

Sec. 43. (b.) 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 cooperage is of the same weight as salt cooperage.

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. 43. (c.) 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 7½ and 10 cents respectively. O.C. August 27th, 1898.

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