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PART V

CANAL STATISTICS

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## CANAL STATISTICS

FOR

SEASON OF NAVIGATION 1900

## REVENUE.

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

For 1899.....	\$291,652 37
For 1900.....	269,116 25

By comparing the statistics of 1899 with 1900, it will be seen that the gross revenue has decreased \$22,539.97.

The increases and decreases are as follows :—

	Increase.	Decrease.
On the Welland Canal.....		\$ 13,816 33
“ St. Lawrence Canals.....	\$ 2,442 64	
“ Chambly Canal.....		1,779 75
“ Ottawa Canals.....		9,758 12
“ Rideau Canal.....	388 23	
“ St. Peters Canal.....		95 68
“ Trent Valley Canals.....		88 93
“ Murray Canal.....	115 31	
“ Sault Ste. Marie Canal.....	56 51	
Total.....	\$ 3,002 69	\$ 25,538 81
Total decrease.....		\$ 22,536 12

STATEMENT of the Revenue, together with the increases and decreases of all the Canals for the seasons of Navigation from 1899 to 1900, inclusive.

Years.	Revenue.	Increase.	Decrease.
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
1899.....	291,652 37		50,026 86
1900.....	269,116 25		22,536 12

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 February 20, 1900, authorized a reduction of canal tolls, as follows :—

For the season of 1900 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

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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 2½ 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 1900.

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 \$52,555.20.

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 nineteen 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
1899.....	332,746	40,197	68,011
1900.....	244,661	17,525	84,589

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 February 13, 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., April 16, 1894.

For the year 1895 (O.C., April 1, 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 tons; in 1898, 40,257 tons; in 1899, 48,828 tons, and in 1900, 38,403 tons.

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

For the year 1897 (O.C., April 17, 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.

For the year 1899 (O.C., April 10, 1899,) the same rate of tolls was allowed as was granted for the year 1898.

For the year 1900 (O.C., February 20, 1900,) the same rate of tolls was allowed as was granted for the year 1899.

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 decreased from 295,509 tons in 1891 to 244,661 tons in 1900 ; and the quantity passed down the Welland Canal from United States ports to United States, has decreased from 202,710 to 84,589 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 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
1899 . . . . .	209,170
1900 . . . . .	229,624

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 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
1899 . . . . .	372,291
1900 . . . . .	295,928

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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 1899.....	372,291
1900.....	295,928
Showing a decrease of.....	<u>76,363</u>

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

	Tons.
For 1899.....	209,170
1900.....	229,624
Showing an increase of.....	<u>20,454</u>

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

	Tons.
For 1899.....	416,700
1900.....	308,945
Showing a decrease of.....	<u>107,755</u>

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

	Tons.
For 1899.....	4,642,952
1900.....	4,396,441
Showing a decrease of.....	<u>246,511</u>

The increases and decreases for 1900 as compared with 1899 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.....		76,363		22.43
do Canadian Pacific and Grand Trunk Railway.....	20,454		9.8	
do New York Canals.....		107,795		34.89
do do Railways.....		246,511		5.61

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 decreased from 313,574 tons in 1889 to 177,876 tons in 1900, and the quantity to Ontario ports, between Port Dalhousie and Cornwall, and decreased from 130,584 tons in 1889 to 113,205 tons in 1900. The quantity passed down to Montreal shows a decrease from 292,827 tons in 1889 to 288,231 tons in 1900.

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## TRANSHIPMENT OF GRAIN.

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

In Canadian vessels there were in—

				Tons.
1886,	244	Cargoes,	with an aggregate quantity of.....	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
1899,	162	do	do .....	221,306
1900,	325	do	do .....	183,200

In United States vessels there were in—

				Tons.
1886,	97	Cargoes,	with an aggregate quantity of.....	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
1899,	167	do	do .....	205,571
1900,	259	do	do .....	163,575

Fifteen vessels took cargoes of 7,924 tons through to Montreal intact in 1900, 2 of 558 tons in 1899, seven of 2,426 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. Nine vessels lightened a portion of their cargoes in 1900, 11 in 1899, 25 in 1898, 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, 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 1900 and the four previous years is given below.

The total number of grain laden vessels lightened at this port in 1900 was 68, against 86 the previous year.

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The quantity of grain lightened was as follows :—

Articles.	1896.	1897.	1898.	1899.	1900.
	Bush.	Bush.	Bush.	Bush.	Bush.
Wheat.....	660,190	642,927	239,518	390,162	272,609
Corn.....	908,833	697,508	313,689	638,143	448,256
Rye.....	8,197	Nil	37,380	7,065	Nil
Oats.....	79,585	12,527	Nil	Nil	Nil
Barley.....	6,377	5,119	5,669	Nil	Nil

#### WELLAND CANAL.

The total quantity of freight passed on the Welland Canal during the season of 1900 was 719,360 tons; of this quantity 30,803 tons were way or local freight.

There were 601,130 tons of freight passed eastwards, and 118,230 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 1900 was 688,557 tons.

Of this quantity 579,312 tons were east bound and 109,245 west bound freight.

Of the east bound through freight Canadian vessels carried 307,373 tons and United States vessels carried 271,939 tons; and of the west bound through freight Canadian vessels carried 12,124 tons, and United States vessels carried 97,121 tons, or a total of 319,497 tons for Canadian and 369,060 tons for American vessels.

#### ST. LAWRENCE CANALS.

The total quantity of freight passed through these canals during 1900 was 1,309,066 tons, of this quantity 1,115,171 tons passed eastward and 193,895 past westward.

#### *East and west bound through freight.*

The total quantity of through freight was 667,584 tons; of this quantity 637,605 tons were east bound and 29,979 tons were west bound.

#### *Way freight.*

Of the total quantity of (way) or local freight 477,566 tons were east bound and 163,916 tons west bound freight.

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

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

	Eastward to Montreal. Tons.	Westward from Montreal. Tons.
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
1899.....	354,933	5,991
1900.....	288,251	6,217

## 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 fifteen years, is as follows :—

	Eastward. Tons.	Westward. Tons.	Total. Tons.
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
1899.....	225,491	135,038	360,529
1900.....	<del>99,560</del> 218,969	<del>218,969</del> 99,560	318,529

The total quantity of freight passed through the Welland Canal from United States ports to United States ports shows a decrease of 42,000 tons, as compared with the previous year; and a decrease of 145,949 tons, as compared with 1886.

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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 1900, 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	2,843	1,294,823	631,667
1894	2,412	1,008,221	592,267
1895	2,222	869,595	469,779
1896	2,766	1,279,987	653,213
1897	2,725	1,274,292	564,694
1898	2,384	1,140,077	487,539
1899	2,202	789,770	360,529
1900	2,399	719,360	318,529

The total quantity of freight passed through the several divisions of the canals during the season of 1900 is as follows :—

	Farm Stock.	Forest Produce of Wood.	Manufactures.	Merchandise.	Agricultural Products.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland	60	115,217	59,691	164,734	379,658	719,360
St. Lawrence	990	95,518	74,739	437,423	693,734	1,309,066
Chambly	267	205,160	9,832	109,039	24,263	348,561
Ottawa	991	378,801	836	2,928	5,589	389,145
Rideau	11	37,925	4,900	28,887	3,709	75,432
St. Peters	77	17,524	3,835	42,548	9,829	73,813
Murray	33	4,496	2,447	8,811	3,280	19,067
Trent Valley	209	42,292	133	311	627	43,572
Sault Ste. Marie	220	37,008	27,743	1,588,456	382,250	2,035,667

The total quantity of freight moved on the Welland Canal was 719,360 tons, of which 379,658 tons were agricultural products.



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On the St. Lawrence Canals the total quantity of freight moved was 1,309,066 tons, of which 693,834 were agricultural products, and 437,423 tons were merchandise.

On the Ottawa Canals the total quantity of freight moved was 389,145 tons, of this quantity 378,801 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 Canada was 472,857 tons in 1900, 577,486 in 1899, 653,027 in 1898, 744,575 in 1897, 957,182 in 1896, 606,505 in 1895, 1,400,129 in 1894, 1,450,116 in 1893, 937,999 in 1892, and 1,092,385 in 1891.

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

	Tons.		Tons.
In 1900 .....	6,053,005	In 1887 .....	*3,847,766
1899.....	6,211,827	1886 .....	*3,802,262
1898.....	7,060,542	1885 .....	4,105,594
1897.....	5,673,638	1884.....	3,639,805
1896.....	5,183,540	1883.....	4,422,461
1895.....	3,798,574	1882.....	3,885,557
1894.....	4,281,056	1880.....	4,732,385
1893.....*	5,107,426	1869.....	1,087,809
1892.....	5,913,013		
1891.....	3,565,381		
1890.....	4,336,199		
1889.....	3,654,984		
1888.....	3,197,734		

\* Flour and grain only.

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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-two 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
1899.	577,486	6,211,827	6,789,313	·086
1900.	472,857	6,053,005	6,525,862	·073

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

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

In 1859.	Per cent.	In 1885.	Per cent.
1869.	63·9	1886.	17·1
1879.	47·0	1887.	16·9
1871.	38·9	1888.	16·3
1872.	38·9	1889.	18·8
1873.	40·1	1890.	15·1
1874.	34·9	1891.	13·9
1875.	31·7	1892.	13·4
1876.	28·4	1893.	9·8
1877.	24·6	1894.	10·1
1878.	28·3	1895.	10·2
1879.	27·1	1896.	9·7
1880.	23·7	1897.	8·5
1881.	25·1	1898.	8·3
1882.	18·5	1899.	6·9
1883.	19·0	1900.	7·2
1884.	18·7		5·2
1884.	19·0		

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The quantity of freight carried by the canals and railways was greater in 1900 by 13,730,780 tons than the quantity carried in 1899, and an increase of 52,980,367 tons over 1869.

The quantities carried were as follows:—

In	Total Tonnage.	Proportion by canals.
1859	5,485,076	·6890
1869	12,453,174	·4705
1870	15,148,274	·3895
1871	15,844,152	·3896
1872	16,631,609	·4012
1873	18,200,208	·3497
1874	18,283,547	·3174
1875	17,101,758	·2841
1876	16,948,627	·2462
1877	17,489,770	·2833
1878	19,017,301	·2719
1879	22,590,766	·2373
1880	25,706,586	·2512
1881	27,857,394	·1859
1882	28,693,054	·1905
1883	30,167,119	·1877
1884	26,293,844	·1905
1885	27,543,948	·1718
1886	31,168,744	·1698
1887	34,029,791	·1632
1888	26,244,610	·1883
1889	35,466,042	·1514
1890	37,624,199	·1394
1891	38,524,179	·1343
1892	43,618,569	·0982
1893	42,953,233	·1009
1894	37,916,412	·1024
1895	36,170,339	·0967
1896	43,756,051	·0849
1897	43,711,512	·0828
1898	49,311,030	·0682
1899	51,702,761	·0713
1900	65,433,541	·0512

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

Year.	Wheat.	Year	Wheat.
1880	5·7	1892	2·2
1881	3·2	1893	1·6
1882	2·5	1894	1·2
1883	3·5	1895	1·9
1884	2·1	1896	1·7
1885	2·0	1897	1·5
1886	3·6	1898	1·5
1887	4·1	1899	2·5
1888	2·7	1900	1·8
1889	2·5		
1890	1·9		
1891	2·5		
		Average twenty years	2·5

COMPARATIVE STATEMENT of the Commerce through the United States, St. Mary's Falls Canal and Canadian Sault Ste. Marie Canal, for the Seasons, of 1899 and 1900.

	TRAFFIC FOR 1900.		TOTAL TRAFFIC FOR		INCREASE.	DECREASE.
	United States Canal.	Canadian Canal.	Season of 1900.	Season of 1899.	Amount.	Amount.
Vessels . . . . .	Number.	16,369	3,081	19,450	20,249	799
Lockages . . . . .	"	8,479	2,205	10,684	10,999	315
Tonnage registered . . . . .	Net tons.	20,136,782	2,194,748	22,331,530	21,969,498	637,968
" freight . . . . .	"	23,607,354	2,035,677	25,643,031	25,258,803	385,228
Passengers . . . . .	Number.	36,313	22,280	58,593	49,361	9,232
Coal (hard) . . . . .	Net tons.	476,131	36,444	512,575	842,481	329,906
" (soft) . . . . .	"	3,488,558	493,854	3,982,412	3,097,252	885,160
Flour . . . . .	Barrels.	6,123,458	647,944	6,771,402	7,191,681	420,289
Wheat . . . . .	Bushels.	31,325,693	9,291,114	40,616,807	58,301,682	17,684,875
Grain (excluding wheat) . . . . .	"	15,068,245	1,113,414	16,181,659	30,079,806	13,898,147
Manufactured and pig iron . . . . .	Net tons.	117,086	23,575	140,661	217,556	76,895
Salt . . . . .	Barrels.	318,358	12,600	330,958	319,306	11,652
Copper . . . . .	Net tons.	126,671	5,435	132,106	120,746	11,360
Iron ore . . . . .	"	15,439,617	999,591	16,439,208	15,333,289	1,105,919
Lumber . . . . .	ft. B.M.	898,093,000	7,435,806	905,528,806	1,032,602,000	127,073,194
Silver ore . . . . .	Net tons.	110	.....	110	487	377
Building stone . . . . .	"	43,912	3,476	47,388	40,132	7,256
*Unclassified freight . . . . .	"	460,760	80,512	541,272	590,658	49,386

\* Included in unclassified freight for

Wool . . . . . 1899. 228 Tons.

## SESSIONAL PAPER No. 20

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 "
1899.....	231 "
1900.....	238 "

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

1895.....	87 days.
1896.....	218 "
1897.....	238 "
1898.....	243 "
1899.....	239 "
1900.....	238 "

The average number of vessels passing per day through the two canals for the season of 1900 was eighty-two.

R. DEVLIN,

*Compiler of Canal Statistics.*

OTTAWA.

## GRAIN SHIPMENTS, 1900.

Coastwise, in transit through Canada and export by Lake.

(From Report Board of Trade, Chicago.)

Grain.	Depot Harbour.	Goderich	Kingston.	Midland.	Owen Sound.	Prescott	Sarnia.	Totals.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
Barley.....	16,562					43,600		60,162
Corn.....	6,531,632	183,843	2,032,589	2,144,972	78,144	210,610	40,000	11,221,790
Flaxseed.....	143,932							143,932
Oats.....	991,119		54,812	227,285			2,501,536	3,774,752
Rye.....	180,485		21,304					201,789
Wheat.....	3,170,232	419,600	526,516	1,874,900		152,934		6,144,182
Totals.....	11,033,962	603,443	2,635,221	4,247,157	78,144	407,144	2,541,536	21,546,607

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EXPORTS by Lake from Chicago to Canada, during the Season of Navigation in 1900.

*(From Report of Board of Trade, Chicago.)*

Commodities.		Quantity.	Value.
			\$ cts.
Corn.....	Bush.	506,660	3,478,292 00
Barley.....	"	60,162	24,989 00
Flaxseed.....	"	135,532	223,676 00
Oats.....	"	1,024,216	261,161 00
Rye.....	"	201,789	114,471 00
Wheat.....	"	4,928,832	3,553,052 00
Flour.....	Barrels.	20,860	80,757 00
Starch.....	"	4,075	19,052 00
Pork.....	"	3,175	38,285 00
Lard.....	"	8,000	191,800 00
Tallow.....	"	1,726	31,967 00
Nails.....	Kegs.	7,040	33,825 00
Machinery.....	Tons.	121	58,761 00
Steel Rails.....	"	8,837	214,143 00
Lumber.....	ft. B. M.	569	12,821 00
Glucose.....	Barrels.	100	908 00
Oils.....	"	12,775	29,893 00
Oil Cake.....	Sacks.	884	1,250 00
Unclassified.....	Packages.	3,135	13,353 00
Total value.....			8,382,456 00

GRAIN FREIGHTS BY LAKE, SEASON OF 1900.

The following were the current rates on Wheat and Corn, from Chicago to Kingston, Prescott and Depot Harbour ; also from Buffalo to New York by Erie Canal, for each week during the Season of Navigation.

20—V—2

1900.	To OGDENSBURG.		To KINGSTON.		To PRESCOTT.		To DEPOT HARBOUR.		ERIE CANAL, BUFFALO TO NEW YORK.	
	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.
April 21		4 $\frac{1}{4}$				4				
" 28				3 $\frac{3}{4}$			2 $\frac{1}{4}$	2	2 $\frac{1}{8}$	2 $\frac{1}{4}$
May 4		4 $\frac{3}{8}$					2	1 $\frac{3}{4}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 11		3 $\frac{3}{4}$					2	1 $\frac{3}{4}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 18		3 $\frac{3}{8}$					1 $\frac{5}{8}$	1 $\frac{1}{4}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 25		2 $\frac{3}{8}$					1 $\frac{3}{8}$	1 $\frac{1}{4}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
June 2							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 9							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 16							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 23							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 30							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
July 7							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 14							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 21							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 28				3 $\frac{3}{8}$			1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
Aug. 4							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 11	3 $\frac{1}{8}$		3 $\frac{1}{8}$ to 3 $\frac{1}{4}$				1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 18	2 $\frac{3}{4}$						1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 25	2 $\frac{3}{4}$	2 $\frac{3}{8}$					1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
Sept. 1	2 $\frac{3}{4}$						1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 8	2 $\frac{3}{4}$						1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 15		2 $\frac{3}{4}$					1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 22							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 29							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
Oct. 6							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 13							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 20							1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 27			2 $\frac{5}{8}$	2 $\frac{5}{8}$			1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$
Nov. 3						2 $\frac{7}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$
" 10							1 $\frac{1}{8}$	1 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$
" 17							1 $\frac{1}{8}$	1 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$
" 24						2 $\frac{7}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$
Dec. 1							2 $\frac{3}{4}$	2 $\frac{3}{4}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$
" 8							2 $\frac{3}{4}$	2 $\frac{3}{4}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$

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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 1900 (as reported by the Secretary of the Merchants' Exchange, Buffalo).

1900.			1900.		
Opening.	Wheat, Bushels. Cts.	Corn, Bushels. Cts.	Opening.	Wheat, Bushels. Cts.	Corn, Bushels. Cts.
March 29		3	Aug. 29	1 3/4 to 1 3/4	1 1/4 to 1 1/4
April 4		2 7/8	" 30	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 7		2 7/8 to 2 7/8	" 31	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 14		2 3/4	Sept. 1	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 20		2 3/4	" 4	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 21	2 1/2	2 1/2	" 6	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 23		2 1/2	" 7	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 28		2 1/4	" 8	1 1/4 to 1 1/4	1 1/8 to 1 1/4
" 30	2 1/4	2 1/4	" 10	2 to 2	2 to 2
May 2	2 1/8	2	" 11	2 to 2	1 7/8 to 2
" 3		2 to 2 1/8	" 12	2 to 2	1 7/8 to 2
" 4	2 1/8	2 to 2 1/8	" 20	1 7/8 to 2	1 7/8 to 2
" 5		2 to 2	" 21	1 7/8 to 2	1 7/8 to 2
" 11		1 7/8 to 2	" 22	1 7/8 to 2	1 7/8 to 2
" 12		1 1/2	" 24	1 7/8 to 2	1 7/8 to 2
" 15	1 7/8	1 1/4 to 1 1/4	" 25	1 7/8 to 2	1 7/8 to 2
" 19		1 1/4 to 1 1/4	" 26	1 7/8 to 2	1 7/8 to 2
" 21	1 1/2	1 1/4 to 1 1/4	Oct. 8	1 7/8 to 2	1 7/8 to 2
" 22		1 1/4 to 1 1/4	" 9	1 7/8 to 2	1 7/8 to 2
" 23	1 1/2	1 1/4 to 1 1/4	" 16	1 7/8 to 2	1 1/2 to 1 1/2
" 24	1 1/2	1 1/4 to 1 1/4	" 17	1 7/8 to 2	1 1/2 to 1 1/2
" 26		1 1/4 to 1 1/4	" 18	1 7/8 to 2	1 1/2 to 1 1/2
" 28		1 1/4 to 1 1/4	" 26	1 7/8 to 2	1 1/2 to 1 1/2
" 29	1 1/2	1 1/4 to 1 1/4	" 29	1 7/8 to 2	1 1/2 to 1 1/2
" 31	1 1/2	1 1/4 to 1 1/4	Nov. 1	1 1/2 to 1 1/2	1 1/2 to 1 1/2
June 1	1 1/2	1 1/4 to 1 1/4	" 2	1 1/2 to 1 1/2	1 1/2 to 1 1/2
" 3		1 1/4 to 1 1/4	" 9	1 1/2 to 1 1/2	1 1/2 to 1 1/2
" 6		1 1/2 to 1 1/2	" 12	1 1/2 to 1 1/2	1 1/2 to 1 1/2
" 7		1 3/4 to 2	" 13	1 1/2 to 1 1/2	1 1/2 to 1 1/2
" 8		1 3/4 to 2	" 14	1 1/2 to 2	1 1/2 to 1 1/2
July 3	2 1/8	2	" 15	1 1/2 to 2	1 1/2 to 1 1/2
Aug. 7		1 3/4	" 16	1 1/2 to 2	1 1/2 to 1 1/2
" 8	1 1/2	1 1/4 to 1 1/4	" 17	1 1/2 to 2	1 1/2 to 1 1/2
" 10	1 1/2	1 1/4 to 1 1/4	" 19	1 1/2 to 2	1 1/2 to 1 1/2
" 11	1 1/2	1 1/4 to 1 1/4	" 20	2 to 2	1 1/2 to 1 1/2
" 13	1 1/2	1 1/2 to 1 1/2	" 21	2 1/2 to 2 1/2	2 to 2 1/2
" 14		1 1/2 to 1 1/2	" 22	2 1/2 to 2 1/2	2 1/2 to 2 1/2
" 15	1 1/2	1 1/2 to 1 1/2	" 27	3 to 3	2 1/2 to 2 1/2
" 18	1 1/2	1 1/2 to 1 1/2	Dec. 1	3 1/4 to 3 1/4	3 to 3
" 20	1 1/2	1 1/2 to 1 1/2	" 3 to close	3 1/4 to 3 1/4	3 to 3
" 23	1 1/2	1 1/2 to 1 1/2			

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.
1891 { Wheat.....	1.4	1.2	2.1	2.7	3.3	2.2	4.1
1891 { Corn.....	1.2	1.1	2.0	2.5	3.0	2.1	3.8
Highest rate, wheat, 1891, 5¼c. ; lowest, 1c. ; average for the season, 2.4c.							
1892 { Wheat.....	1.9	1.8	2.0	2.3	2.3	2.3	2.6
1892 { Corn.....	1.7	1.6	1.8	2.1	2.1	2.1	2.3
Highest rate, wheat, 1892, 3c. ; lowest, 1c. ; average for the season, 2.2c.							
1893 { Wheat.....	1.3	1.8	1.2	1.3	1.7	2.1	2.0
1893 { Corn.....	1.2	1.6	1.1	1.2	1.5	1.9	1.8
Highest rate, wheat, 1893, 2¾c. ; lowest, 1c. ; average for the season, 1.6c.							
1894 { Wheat.....	1.4	1.2	0.9	1.0	1.4	1.1	1.3
1894 { Corn.....	1.2	1.1	0.9	0.9	1.3	1.0	1.3
Highest rate, wheat, 1894, 3c. ; lowest, ¾c. ; average for the season, 1.2c.							
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, 2½c. ; 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, 2½c. ; 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, 3¼c. ; lowest, 1¼c. ; average for the season, 1.5c.							
1899 { Wheat.....	2.0	2.0	2.2	2.5	3.1	3.5	2.5
1899 { Corn.....	1.8	1.9	2.0	2.3	3.2	3.4	2.3
Highest rate, wheat, 1899, 3¾c. ; lowest, 1½c. ; average for the season, 2.5c.							
1900 { Wheat.....	1.8	1.9	2.1	1.6	1.7	1.7	2.0
1900 { Corn.....	1.6	1.7	2.0	1.5	1.6	1.5	1.8
Highest rate, wheat, 1900, 3c. ; lowest, 1¼ ; average for the season, 1.8c.							

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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 1900 :—

1900.		Wheat Bushels.	1900.		Wheat Bushels.
		Cts.			Cts.
April	23. ....	3 <sup>3</sup> / <sub>4</sub>	July	16. ....	2 <sup>1</sup> / <sub>8</sub>
"	25. ....	3 <sup>3</sup> / <sub>4</sub>	"	18. ....	2
"	27. ....	3 <sup>1</sup> / <sub>4</sub>	"	28. ....	1 <sup>3</sup> / <sub>4</sub>
May	5. ....	3	Aug.	3. ....	1 <sup>1</sup> / <sub>2</sub>
"	9. ....	2 <sup>3</sup> / <sub>4</sub>	"	27. ....	1 <sup>3</sup> / <sub>4</sub>
"	11. ....	2 <sup>1</sup> / <sub>2</sub>	Sept.	5. ....	1 <sup>5</sup> / <sub>8</sub>
"	23. ....	2 <sup>2</sup> / <sub>5</sub>	"	7. ....	2
"	25. ....	2	"	13. ....	1 <sup>3</sup> / <sub>4</sub>
"	29. ....	2 <sup>1</sup> / <sub>4</sub>	"	14. ....	1 <sup>1</sup> / <sub>2</sub>
"	31. ....	2 <sup>3</sup> / <sub>8</sub>	"	26. ....	1 <sup>3</sup> / <sub>4</sub>
June	6. ....	2 <sup>3</sup> / <sub>8</sub>	Oct.	15. ....	1 <sup>3</sup> / <sub>8</sub>
"	9. ....	2 <sup>1</sup> / <sub>4</sub>	"	17. ....	1 <sup>1</sup> / <sub>2</sub>
"	14. ....	2 <sup>1</sup> / <sub>2</sub>	Nov.	13. ....	1 <sup>3</sup> / <sub>4</sub>
"	18. ....	2 <sup>1</sup> / <sub>4</sub>	"	16. ....	2
"	29. ....	2 <sup>3</sup> / <sub>4</sub>	"	24. ....	2 <sup>1</sup> / <sub>2</sub>
July	9. ....	2 <sup>1</sup> / <sub>2</sub>	"	26. ....	2 <sup>3</sup> / <sub>4</sub>
"	13. ....	2 <sup>3</sup> / <sub>8</sub>	"	27. ....	3
"	14. ....	2 <sup>1</sup> / <sub>4</sub>	"	28 to end of season. ....	3 <sup>1</sup> / <sub>4</sub>

In 1885, the range of freights on wheat, Duluth to Buffalo, was 1<sup>1</sup>/<sub>2</sub> to 5c.; in 1886, 3<sup>1</sup>/<sub>4</sub> 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<sup>1</sup>/<sub>4</sub> to 9<sup>1</sup>/<sub>2</sub>c.; in 1892, 2<sup>1</sup>/<sub>4</sub> to 4c.; in 1893, 1<sup>1</sup>/<sub>4</sub> to 3<sup>1</sup>/<sub>2</sub>c.; in 1894, 1<sup>1</sup>/<sub>4</sub> to 3c.; in 1895, 2 to 6c.; in 1896, 1<sup>1</sup>/<sub>4</sub> to 3c.; in 1897, 1 to 2<sup>1</sup>/<sub>2</sub>c.; in 1898, 1 to 3<sup>1</sup>/<sub>2</sub>c.; in 1899, 2<sup>1</sup>/<sub>2</sub> to 6c.; and in 1900, 1<sup>1</sup>/<sub>2</sub> to 3<sup>3</sup>/<sub>4</sub>c. per bushel.

The first departure by lake, at Duluth, in 1900, was on April 22; in 1899, on April 29; in 1898, was on April 16; in 1896, on April 22, and in 1895, on April 21. In 1894, season opened on April 19; in 1893, on May 8; in 1892, on April 21; in 1891, on April 30; in 1890, on March 26; in 1889, on April 20; in 1888, on May 12; in 1887, on May 4; in 1886, on May 7.

Wheat was shipped at Kingston, Canada, per bushel, during the season of 1887, at 6<sup>1</sup>/<sub>4</sub> to 7<sup>3</sup>/<sub>4</sub>c.; in 1888, at 4 to 5c.; in 1889, at —, in 1890, 5<sup>3</sup>/<sub>4</sub>, 5<sup>1</sup>/<sub>2</sub>, 4<sup>1</sup>/<sub>2</sub>, 4<sup>1</sup>/<sub>4</sub>, 4c.; in 1891, during May, 3<sup>3</sup>/<sub>4</sub>, 3<sup>1</sup>/<sub>2</sub>, 2<sup>1</sup>/<sub>2</sub>c.; during June, 3c.; and on July 25, 2<sup>1</sup>/<sub>2</sub>c.; in 1892, 5c. in April; 5 to 5<sup>1</sup>/<sub>4</sub>c. in May; 4c. in June, 4<sup>1</sup>/<sub>2</sub>c. in July; 3c. in August; 6 to 6<sup>1</sup>/<sub>4</sub>c. in October; in 1893, ranged from 5<sup>1</sup>/<sub>2</sub> to 4<sup>1</sup>/<sub>2</sub>c. in April; 4<sup>1</sup>/<sub>2</sub> to 4<sup>3</sup>/<sub>4</sub>c. in May; 4 to 3<sup>1</sup>/<sub>2</sub>c. in June; 2<sup>3</sup>/<sub>4</sub> to 3c. in July; 3<sup>1</sup>/<sub>2</sub> to 3<sup>3</sup>/<sub>4</sub>c. in September; no figures quoted after that date. In 1894, ranged from 3<sup>1</sup>/<sub>4</sub> to 3<sup>1</sup>/<sub>2</sub>c. in May; 3<sup>1</sup>/<sub>2</sub>c. in June; 2<sup>1</sup>/<sub>2</sub>c. in July; 2<sup>1</sup>/<sub>2</sub>c. to 3<sup>1</sup>/<sub>4</sub>c. in August; 4c. in September, and 4<sup>1</sup>/<sub>4</sub>c. in October. On August 25 and November 3, 1894, wheat to Ogdensburg, at 3<sup>1</sup>/<sub>4</sub>c. and 4<sup>1</sup>/<sub>2</sub>c. respectively. In 1895, wheat to Kingston from 3c. to 5c. In 1896, wheat to Kingston from 3c. to 5<sup>1</sup>/<sub>2</sub>c.; and in 1897, wheat to Kingston 3c. to 3<sup>1</sup>/<sub>8</sub>c, according to time of year; 1898 and 1899 not given.

SESSIONAL PAPER No. 20

## 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 1900 on the dates specified, as reported by the Secretary Merchants Exchange Buffalo.

Date, 1900.	Wheat and Corn per Bushels.	Date, 1900.	Wheat Bushels.
	Cts.		Cts.
Opening to August 1.....	1 $\frac{1}{4}$	August 1 to close of season.....	2

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.; for 1899, 1 $\frac{1}{2}$  to 2c., and for 1900, 1 $\frac{1}{2}$  to 2c. 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 8, 1887, corn shipped to Kingston at 3 $\frac{1}{2}$ c. and on November 12, at 4 $\frac{1}{2}$ c. per bushel. In 1888, corn Toledo to Kingston, 4 $\frac{1}{4}$ c. to 3c.; and wheat at 3 $\frac{1}{2}$  to 3c. per bushel. In 1889, wheat Toledo to Kingston, 3c.; and in 1891, rye Toledo to Kingston at 3c. per bushel. From Toledo, on June 2, 1887, wheat shipped to Montreal by propeller at 6 $\frac{1}{2}$ c.; on June 14, corn at same price; but on September 26, 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 1899, no shipments to Montreal or other places in Canada reported.

## CANAL FREIGHT 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 1900 (as reported by the Secretary, Merchants' Exchange, Buffalo).

Date, 1900.	Wheat. Bush.	Corn. Bush.	Date, 1900.	Wheat. Bush.	Corn. Bush.
	Cts.	Cts.		Cts.	Cts.
April 25.....	2 $\frac{1}{2}$	2 $\frac{1}{4}$	October 1.....	2 $\frac{1}{2}$	2 $\frac{1}{4}$
May 22.....	2 $\frac{1}{4}$	2	" 5.....	2 $\frac{3}{4}$	2 $\frac{3}{4}$
July 19.....	2 $\frac{1}{2}$	2 $\frac{1}{4}$	" 31.....	3 $\frac{1}{4}$	3 $\frac{1}{2}$
Aug. 3.....	2 $\frac{3}{4}$	1 $\frac{3}{8}$	Nov. 15 to close.....	3 $\frac{1}{2}$	3
" 17.....	2 $\frac{1}{4}$	2			

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

Pine lumber per 1,000 feet, was carried from Buffalo and Tonawanda to New York as follows: Opened at \$2.00; June \$2.00; July \$1.65; August \$1.50; October \$1.75 closed at \$2.00. Rates to Albany opened at \$1.50; July \$1.15; August \$1.00; October \$1.25; closed at \$1.50.

1-2 EDWARD VII., A. 1902

## 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.
1891 { Wheat.....	2·8	2·9	2·8	3·8	4·2	4·6	4·0
1891 { Corn.....	2·5	2·6	2·5	3·5	3·8	4·2	3·6
Highest rate, wheat, 1891, 3½c. ; lowest, 2·5c. ; average for the season, 3·5c.							
1892 { Wheat.....	2·7	2·2	2·4	3·0	3·8	4·7	4·6
1892 { Corn.....	2·4	2·0	2·2	2·6	3·4	4·4	4·3
Highest rate, wheat, 1892, 6c. ; lowest, 2½c. ; average for the season, 3·5c.							
1893 { Wheat.....	4·8	4·8	4·6	4·6	4·0	4·7	4·8
1893 { Corn.....	4·4	4·4	4·3	4·2	3·6	4·3	4·5
Highest rate, wheat, 1893, 5c. ; lowest, 3·6c. ; average for the season, 4·6c.							
1894 { Wheat.....	3·1	2·9	3·3	3·4	3·6	2·9	3·0
1894 { Corn.....	2·8	2·6	3·0	3·1	3·3	2·6	2·7
Highest rate, wheat, 1894, 4c. ; lowest, 2·6c. ; average for the season, 3·2c.							
1895 { Wheat.....	1·9	1·7	2·0	2·0	2·1	2·5	2·7
1895 { Corn.....	1·7	1·5	1·7	1·7	2·0	2·2	2·5
Highest rate, wheat, 1895, 3c. ; lowest, 1·9c. ; average for the season, 2·2c.							
1896 { Wheat.....	3·7	3·7	3·7	3·7	3·7	3·7	3·8
1896 { Corn.....	3·5	3·5	3·5	3·5	3·5	3·5	3·6
Highest rate, wheat, 1896, 4c. ; lowest, 3·1c. ; average for the season, 3·7c.							
1897 { Wheat.....	2·6	2·2	2·3	2·5	3·3	3·1	3·5
1897 { Corn.....	2·2	1·8	2·0	2·2	2·8	2·6	3·0
Highest rate, wheat, 1897, 3·5c. ; lowest, 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.							
1899 { Wheat.....	2·5	2·7	2·4	2·5	2·5	3·6	4·2
1899 { Corn.....	2·3	2·3	2·1	2·1	2·2	3·0	3·5
Highest rate, wheat, 1899, 4·5c. ; lowest, 2·5c. ; average for the season, 3·c.							
1900 { Wheat.....	2·4	2·2	2·3	2·3	2·2	2·7	3·5
1900 { Corn.....	2·1	2·0	2·1	2·0	2·0	2·4	3·0
Highest rate, wheat, 1900, 3½c. ; lowest, 2c. ; average for the season, 2·5c.							

NOTE.—Canal free of tolls since 1882.

SESSIONAL PAPER No. 20

FREIGHT, TOLLS, ELEVATING AND STORAGE RATES COMPARED.

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

Year.	Grain received.	Average Canal Freight on Wheat.	Tolls on Wheat.	Elevating, including Storage.
	Bush.	Cts.	Cts.	Cts.
1870 .....	32,208,039	11·2	3·1	1½
1871 .....	61,319,313	12·6	3·1	1½
1872 .....	58,703,666	13·0	3·1	1½
1873 .....	65,498,955	11·4	3·1	1½
1874 .....	55,660,198	10·0	3·1	1½
1875 .....	52,833,451	7·9	2·0	1
1876 .....	44,207,121	6·6	2·0	1
1877 .....	61,822,292	7·4	1·0	1
1878 .....	78,828,443	6·0	1·0	1
1879 .....	75,089,768	6·8	1·0	1
1880 .....	105,133,009	6·5	1·0	1
1881 .....	56,389,827	4·7	1·0	1
1882 .....	51,501,503	5·4	1·0	1
1883 .....	65,722,080	4·9	None.	1
1884* .....	58,011,800	4·2	do	1
1885* .....	52,671,090	3·8	do	1
1886* .....	75,570,850	5·0	do	1
1887* .....	87,073,570	4·6	do	1
1888* .....	73,977,390	3·4	do	1
1889* .....	92,290,550	4·8	do	1
1890* .....	91,994,680	3·8	do	1
1891* .....	135,315,510	3·5	do	1
1892* .....	138,872,560	3·5	do	1
1893* .....	140,796,410	4·6	do	1
1894* .....	105,435,577	3·2	do	1
1895* .....	121,225,497	2·2	do	1
1896* .....	172,474,664	3·7	do	1
1897* .....	204,964,103	2·8	do	1
1898* .....	221,383,945	2·8	do	to nothing
1899* .....	153,393,184	3·0	do	1
1900* .....	157,655,968	2·5	do	1

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

\* Including flax seed.

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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
1899	‡·0508	·0583	·1008	‡·0581	·0663	·1160
1900			·0919			·0996

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

## SESSIONAL PAPER No. 20

## 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.	1900.	1899.	1898.	1897.	1896.
		\$		\$	\$	\$
Liverpool	Grain	2498	2972	3435	3360	3350
"	Sacked flour	2790	3012	3766	3681	3430
"	Provisions	4884	4050	4715	4440	4491
Glasgow	Grain	3098	3235	3600	3523	3422
"	Sacked flour	3156	3125	3906	3906	3650
"	Provisions	5531	4469	5250	5250	4997
London	Grain	3110	3060	3500	3400	3348
"	Sacked flour	3501	3350	3725	3612	3528
"	Provisions	5587	4414	4969	4814	4715
Antwerp	"	5109	4750	5250	5109	4969
Hamburg	"	5000	4600	5200	5100	5100
Amsterdam	"	5100	4700	5250	5200	5200
Rotterdam	"	5100	4700	5250	5200	5200
Copenhagen	"	5531	5172	5813	5728	5812
Stockholm	"	6450	6297	6925	6853	6937
Stettin	"	5531	5172	5813	5728	5812
Bordeaux	"	6412	5912	6575	6413	6413

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

The following statement shows the ruling rates on Coal, per net ton, in cents from Buffalo to the Ports named, during the season of 1900, for the week ending on the dates specified :—

Week ending.	Chicago.	Milwaukee.	Duluth and Superior.	Racine.	Waukegan.	Toledo.
1900.	cts.	cts.	cts.	cts.	cts.	cts.
April 7. ....	75	70	50	.....	.....	40
" 13. ....	75	70	50	.....	80	40
May 1. ....	75	70	50	.....	75	40
" 3. ....	75	70	50	75	75	40
June 16. ....	75	70	40	75	75	40
" 18. ....	65	60	40	65	65	40
July 13. ....	50	50	40	65	65	40
" 23. ....	40	40	40	65	65	40
" 27. ....	40	40	35	40	65	35
Aug. 11. ....	30	30	30	40	65	35
" 13. ....	30	30	30	40	35	35
" 20. ....	30	30	30	35	35	30
Oct. 12. ....	30	30	30	40	35	30
" 19. ....	30	30	30	50	35	30
" 22. ....	50	50	30	50	35	30
" 27. ....	75	75	30	50	35	30
Nov. 24. ....	75	75	30	70	35	30
" 28. ....	75	75	75	70	.....	.....
" 30. ....	75	75	75	100	.....	.....



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 1900 inclusive.

SESSIONAL PAPER No. 20

ANNUAL STATISTICS

YEAR ENDING JUNE 30.	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.	Newfound- land and Labrador.	Total.	Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, Ontario, Manitoba and the North-west Territories.	British Columbia.	Newfound- land and Labrador.	Total.
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1873	495,289	12,894,164	5,240		13,394,693	5,282,290	21,320,174	181,720		26,784,184
1874	449,655	13,616,344	97,691		14,163,690	7,150,036	19,843,169	317,534		27,310,739
1875	443,570	17,342,933	256,074		18,042,577	8,999,596	20,283,639	517,060		29,800,295
1876	261,443	22,134,275	195,047	1,137	22,591,902	9,102,600	14,658,358	658,836	94	24,419,888
1877	160,658	12,092,619	218,418		12,471,695	2,879,422	15,551,238	544,018	2,475	18,977,153
1878	163,978	11,627,114	412,966		12,204,058	951,268	11,436,470	524,013	934	12,912,685
1879	194,129	11,606,832	280,079	55	12,081,095	889,539	11,520,877	476,824	2,347	12,889,587
1880	215,131	16,782,315	137,271		17,134,717	1,643,716	14,866,663	531,436	288	17,042,103
1881	171,383	16,758,108	72,555		17,002,046	1,778,836	20,857,827	719,268	333	23,356,264
1882	164,990	28,265,083	113,018	87	28,543,178	2,732,665	34,005,845	855,784	1,190	37,595,484
1883	561,791	29,204,031	36,973	25	29,802,820	2,455,557	35,878,389	971,307	7,335	39,312,568
1884	656,233	12,574,953	188,041		13,419,227	1,740,900	19,717,466	1,475,833	5,186	22,939,385
1885	933,806	12,280,483	308,691	633	13,523,613	1,635,442	16,448,942	1,615,293	781	19,700,458
1886	1,165,973	9,303,864	359,104	32,079	10,861,020	2,040,298	16,369,429	1,825,178	6,174	20,241,079
1887	1,684,730	9,606,175	213,816		11,504,721	1,621,748	19,930,296	635,841	70	22,187,955
1888	1,525,048	6,417,701	372,934	27,134	8,542,817	1,781,028	13,459,169	370,322	1,137	13,611,656
1889	2,596,233	8,355,178	294,859	89,853	11,336,123	2,484,787	18,993,957	665,527	2,704	22,146,975
1890	3,070,657	12,449,772	306,897	174,584	16,001,910	5,277,210	21,140,198	913,106	4,690	27,335,204
1891	3,859,079	15,310,945	422,806	187,640	19,780,470	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
1899	1,618,399	30,673,265	3,708,928	561,129	36,561,721	1,215,518	19,605,819	4,685,559	27,147	25,535,043
1900	2,002,264	37,657,936	3,914,668	553,031	44,127,899	1,245,771	27,452,333	2,730,612	49,555	31,478,271

TOTAL VALUE of Merchandise received from the Principal and other Foreign Countries for Immediate Transit across United States Territory or for Immediate Transhipment in Ports of the United States to other foreign countries, and so shipped, for each Year from 1868 to 1900 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	4,854,209	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	239,655	3,606,099	1,942,405	10,856,579	3,658,477	17,042,103	300,148	224,848	1,775,594	33,857,749
1881....	14,898,052	721,344	17,002,046	217,444	2,642,550	2,222,122	9,122,079	2,729,246	23,356,264	671,008	177,340	1,648,121	37,704,048
1882....	18,911,637	755,560	28,543,178	380,100	5,662,926	3,812,058	11,592,806	5,336,361	37,595,484	800,025	319,257	2,421,526	58,065,459
1883....	20,242,222	1,149,195	29,802,820	281,309	3,126,069	4,276,712	11,089,865	2,758,994	39,312,568	2,282,473	352,552	3,081,875	58,878,327
1884....	14,038,694	948,901	13,419,227	408,124	3,655,568	4,345,878	5,288,389	2,960,488	22,939,385	2,748,434	221,061	2,656,635	36,814,392
1885....	11,064,186	1,140,548	13,523,613	308,293	4,853,354	3,545,544	7,235,519	3,771,524	19,700,458	1,262,515	119,376	2,346,146	34,435,538
1886....	13,142,644	1,462,414	10,861,020	216,078	6,797,879	4,558,229	8,510,097	3,803,566	20,241,079	1,279,399	452,700	2,751,423	37,038,264
1887....	17,977,200	1,670,952	11,504,721	111,635	6,780,853	4,720,760	10,052,219	4,353,992	22,187,955	2,002,476	608,121	3,561,353	42,766,121
1888....	13,707,240	1,817,511	8,342,817	120,497	4,820,846	4,534,298	6,853,195	2,551,043	15,611,656	3,766,180	563,539	3,997,596	33,343,209
1889....	19,080,647	2,582,456	11,336,123	296,654	9,054,736	5,052,610	9,233,659	4,581,064	22,146,975	4,781,110	892,158	5,768,287	47,403,253
1890....	20,664,427	2,735,546	16,002,384	639,050	9,759,256	5,898,763	10,656,465	5,097,434	27,335,678	4,944,149	1,215,399	6,450,301	55,699,426
1891....	20,879,851	2,819,238	19,780,470	565,338	6,977,901	6,475,119	11,968,808	3,640,940	27,883,023	5,052,318	966,851	7,985,977	57,497,917
1892....	21,334,783	2,930,571	23,928,255	1,383,455	11,054,445	8,936,228	20,141,862	6,995,419	26,704,114	4,953,911	1,472,980	9,299,451	69,567,737
1893....	20,387,339	3,466,885	17,885,573	1,652,200	10,131,171	14,426,669	18,511,287	7,986,637	22,720,211	4,607,549	2,034,761	12,089,492	67,949,837
1894....	19,641,622	3,717,740	17,342,093	1,853,367	9,916,742	19,031,011	18,394,865	11,154,933	20,182,216	4,543,455	16,645,187	2,586,919	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
1899....	16,594,043	4,069,828	36,561,721	3,519,942	8,372,450	10,910,462	29,695,600	5,711,338	25,535,043	5,669,214	2,760,086	10,657,165	80,028,446
1900....	23,152,099	3,915,766	44,127,899	4,245,695	9,316,066	13,793,937	37,383,450	6,488,502	31,478,271	6,965,660	3,484,521	12,751,058	98,551,462

## 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 1900 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.			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	309,512,231		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	25.6
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	26.3
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	146,499,282	307,407,565	7,511,365	166,551,624	569,583,564	20,477,364	313,050,906	876,991,129	1,210,519,399	25.9
1879	11,983,823	143,590,353	310,499,599	7,439,862	128,425,339	600,769,633	19,423,685	272,015,692	911,269,232	1,202,708,609	22.6
1880	15,142,465	149,317,368	503,494,913	5,838,928	109,029,209	720,770,521	20,981,393	258,346,577	1,224,265,434	1,503,593,404	17.18
1881	17,193,213	133,631,146	491,840,269	8,259,308	116,955,324	777,162,714	25,452,521	250,586,470	1,269,002,983	1,545,041,974	16.22
1882	22,854,946	130,266,826	571,517,802	12,118,371	96,962,919	641,460,967	34,973,317	227,229,745	1,212,978,769	1,475,181,831	15.40
1883	23,003,048	136,002,290	564,175,576	25,089,844	104,418,210	694,331,348	48,092,892	240,420,500	1,258,506,024	1,547,020,316	15.54
1884	20,140,294	135,046,207	512,511,192	26,573,774	98,652,828	615,287,007	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

SESSIONAL PAPER No. 20

CANAL, STAMPA

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

Year ending June 30.	IMPORTS.			EXPORTS.			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	203,805,148	1,217,063,541	1,487,533,027	13.70
1890.....	40,621,361	124,948,948	623,740,100	32,949,902	77,502,138	747,376,644	73,576,263	202,451,086	1,371,116,744	1,647,139,093	12.29
1891.....	40,932,755	127,471,678	676,511,763	31,923,439	78,968,047	773,589,324	72,856,194	206,439,725	1,450,101,087	1,729,397,006	11.94
1892.....	39,726,595	139,139,891	648,535,976	33,220,629	81,033,844	916,023,675	72,947,224	220,173,735	1,564,559,651	1,857,680,610	11.85
1893.....	44,121,094	127,095,434	695,184,394	43,862,947	70,670,073	733,132,174	87,984,041	197,765,507	1,428,316,568	1,714,066,116	12.2
1894.....	29,623,095	121,561,193	503,810,334	49,221,427	73,707,023	769,212,122	78,844,522	195,268,216	1,273,022,456	1,547,135,194	13.3
1895.....	33,201,988	108,229,615	590,538,362	49,902,754	62,277,581	695,357,830	83,104,742	170,507,196	1,285,896,192	1,589,508,130	11.7
1896.....	35,535,079	117,299,074	626,890,521	61,131,125	70,392,813	751,083,000	96,666,204	187,691,887	1,377,973,521	1,662,331,612	12.00
1897.....	35,812,620	109,133,454	619,784,338	65,082,305	79,441,823	905,969,428	100,894,925	189,075,277	1,525,753,766	1,815,723,968	11.00
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
1899.....	33,424,821	82,050,118	581,673,550	83,870,907	78,562,088	1,064,590,307	117,295,728	160,612,206	1,646,263,857	1,924,171,791	8.9
1900.....	44,412,509	104,304,940	701,223,735	110,483,141	90,779,252	1,193,220,689	154,895,650	195,084,192	1,894,444,424	2,244,424,266	9.3

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.

## SESSIONAL PAPER No. 20

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 1900.

Year ending June 30.	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
1899.....	28,248,759	8,312,962	36,561,721	22,593,761	2,941,282	25,535,043
1900.....	33,346,150	10,781,749	44,127,899	27,996,981	3,481,290	31,478,271

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

1-2 EDWARD VII., A. 1902

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.....	9,290	416,376	365,254	96,494	52,147	19,949	104,783
1877.....	8,923	448,043	723,458	139,453	66,045	35,948	77,114
1878.....	5,904	844,555	734,993	89,534	85,029	64,613	88,106
1879.....	7,164	949,466	621,180	96,144	23,164	59,210	77,071
1880.....	8,266	966,052	1,156,619	106,247	20,893	26,340	86,673
1881.....	6,926	444,832	475,823	81,587	30,321	15,484	61,588
1882.....	9,372	642,215	251,687	96,650	22,180	43,372	53,300
1883.....	9,047	573,740	522,978	58,787	51,607	95,246	67,595
1884.....	7,251	790,409	198,216	65,008	52,696	71,462	51,944
1885.....	6,869	565,922	359,982	64,587	8,234	10,211	47,505
1886.....	9,005	993,129	354,765	62,854	7,278	3,073	59,782
1887.....	4,089	936,840	446,617	75,458	35,365	6,717	47,678
1888.....	3,287	491,419	499,218	41,100	70,315	12,532	49,087
1889.....	4,429	484,141	592,550	66,110	63,674	36,329	49,663
1890.....	3,489	353,738	616,702	90,754	48,438	21,657	33,123
1891.....	3,126	756,101	142,141	71,903	16,362	68,771	33,951
1892.....	4,879	620,768	150,269	51,596	72,444	4,236	33,807
1893.....	2,367	1,093,927	252,283	49,651	24,714	6,518	20,656
1894.....	2,909	903,361	275,377	89,700	100,874	5,288	22,620
1895.....	2,240	280,550	94,403	77,868	87,839	205	59,400
1896.....	7,963	408,872	100,227	109,967	197,713	77,210	55,230
1897.....	3,206	180,035	312,776	100,337	50,345	66,387	31,489
1898.....	1,854	69,986	364,248	89,906	76,244	7,745	43,044
1899.....	1,247	282,422	92,670	78,627	93,733	5,931	22,856
1900.....	1,171	138,302	189,013	63,204	36,435	10,478	34,254

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

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on all Canals in the State of New York, during a series of thirty-two years.

HEAVY GOODS.						
Total.	Railway Iron	Other Iron.	Salt.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1,302,613	137,677	79,652	263,333	1,324,408	183,992	1,989,062
1,295,010	135,930	89,708	266,740	1,558,185	238,802	2,289,365
1,850,198	178,269	100,310	248,709	1,194,037	289,952	2,011,277
1,674,320	161,667	96,996	248,558	1,462,590	377,592	2,347,403
1,745,171	53,363	62,581	216,706	1,625,859	415,968	2,374,477
1,767,598	24,511	82,955	173,590	1,413,162	232,544	1,926,762
1,305,550	36,603	95,305	186,785	1,217,091	283,219	1,819,003
1,064,293	11,691	69,450	114,070	1,036,698	173,530	1,405,439
1,498,984	10,341	58,828	156,918	1,286,881	250,573	1,763,541
1,912,734	8,385	65,642	139,927	889,873	210,078	1,313,905
1,833,399	27,634	99,568	136,021	971,074	314,411	1,548,708
2,371,090	93,613	139,993	144,487	959,342	370,884	1,709,319
1,116,561	78,650	205,005	113,756	1,092,003	337,873	1,827,287
1,118,776	58,921	122,786	108,040	1,228,435	364,361	1,882,543
1,379,000	46,553	47,412	190,392	1,152,849	293,892	1,731,098
1,236,986	28,513	54,471	161,788	954,288	210,610	1,400,670
1,063,310	12,215	38,726	161,272	1,025,941	195,750	1,433,904
1,489,886	10,878	152,030	112,002	857,884	269,914	1,402,708
1,552,764	21,368	224,979	124,054	905,424	243,578	1,539,403
1,166,958	2,596	43,881	106,344	1,219,680	259,269	1,631,770
1,296,896	3,278	78,135	112,100	1,094,897	234,948	1,523,358
1,167,901	5,800	26,804	93,181	830,154	202,072	1,157,291
1,092,355	1,960	36,770	81,232	881,502	215,686	1,217,150
937,999	524	40,073	93,216	832,397	136,612	1,102,822
1,450,116	536	25,204	52,094	741,934	102,275	922,043
1,400,129	267	22,614	70,353	609,368	37,641	740,243
602,505	4,263	59,402	71,334	766,723	144,076	1,045,798
957,182	1,568	74,651	83,309	682,167	89,998	931,693
744,575	5,030	71,117	66,879	646,803	76,311	866,190
653,027	6,288	101,216	85,525	626,616	73,199	892,844
577,486	2,725	69,106	91,068	777,743	205,234	1,145,876
472,857	833	49,036	88,635	809,187	103,514	1,051,205

1-2 EDWARD VII., A. 1902

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

YEAR.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. †
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	45,674	313,825	120,599	20,951	.....	904	1,937
1872.....	26,651	239,998	254,902	6,035	7,752	64	2,745
1873.....	30,665	355,847	180,169	8,225	1,194	3	3,777
1874.....	24,019	413,212	181,151	18,871	5,954	513	8,677
1875.....	13,964	253,835	103,749	35,751	3,383	917	6,337
1876.....	15,778	201,906	144,501	18,455	24,496	1,454	3,198
1877.....	13,558	253,953	169,196	19,870	2,810	2,439	2,355
1878.....	9,121	191,982	185,931	10,979	3,088	.....	2,302
1879.....	10,710	274,570	144,506	4,655	1,239	440	2,444
1880.....	12,679	242,020	163,738	17,772	477	1,016	1,480
1881.....	9,959	127,832	101,075	24,509	.....	1,844	2,086
1882.....	12,261	215,056	54,799	20,126	611	3,226	403
1883.....	13,471	152,794	182,269	10,436	731	1,642	10,983
1884.....	13,683	144,851	118,811	7,155	10,746	1,320	9,168
1885.....	13,334	124,206	117,536	15,801	1,116	.....	1,912
1886.....	19,474	154,169	219,442	1,595	4,911	564	14,657
1887.....	23,949	221,927	114,938	9,574	12,050	.....	12,533
1888.....	16,983	160,963	194,886	5,906	26,629	811	13,608
1889.....	7,931	126,664	353,595	4,272	28,356	2,673	18,552
1890.....	14,461	118,002	327,394	10,830	27,728	1,549	20,876
1891.....	13,517	198,658	185,180	8,113	52,959	65,888	28,042
1892.....	17,046	232,019	192,548	6,433	37,173	9,392	32,815
1893.....	15,235	258,392	441,092	18,599	31,283	3,671	36,981
1894.....	33,628	270,993	169,233	28,353	27,962	567	60,673
1895.....	44,044	203,088	164,894	8,689	18,236	1,007	46,463
1896.....	42,425	320,563	320,444	11,368	28,178	9,405	56,591
1897.....	9,065	324,743	390,615	14,173	25,161	8,483	44,674
1898.....	5,578	207,647	437,861	12,286	17,502	16,127	23,182
1899.....	11,625	197,732	204,004	2,907	24,037	923	18,460
1900.....	10,968	137,800	163,509	4,035	41,055	3,538	14,815

\* Fiscal.

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



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Down through the Welland Canal, during a period of thirty years, ended Dec. 31, 1900.

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	3,678
579,880	6,923	20,754	40,850	17,157	339,016	118,685	543,387
647,397	6,032	12,068	23,309	9,579	323,503	56,825	431,316
417,936	1,517	7,588	13,509	9,962	321,306	43,683	397,565
409,788	51	7,997	30,300	20,327	288,211	81,654	378,540
464,181	9,630	9,696	9,173	3,983	323,869	42,758	399,109
403,403	10	11,518	3,980	12,686	295,318	15,229	338,741
438,564	2,782	5,797	7,174	17,796	192,957	19,164	245,670
442,182	5,360	4,812	413	22,273	109,986	34,139	176,983
269,395	4,585	7,013	10	30,682	128,113	18,785	189,188
306,482	.....	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
459,688	567	6,361	1,282	1,318	97,732	26,125	133,385
375,720	.....	8,190	533	4,800	47,392	58,400	119,315

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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-two 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
1899. ....		271,848	84,370	72,892	92,919	5,839	.....	527,868	.....	13 12
1900. ....	620	129,683	184,996	58,472	33,564	10,478	25,621	438,434	.....	20 39

\* Apples, meals all kinds, pease, potatoes.

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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	200	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	53,847	.....	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
1899.....	216	3,106	4,478	2,400	.....	.....	2,346	12,546	20·56	.....
1900.....	214	485	1,404	2,400	.....	.....	403	4,906	.....	64·22

\* Apples, meal all kinds, potatoes.

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F.—TABLE showing the Total Way and Through Tonnage of the undermentioned Articles cleared downward on the Welland Canal, during a series of Thirty Years, ended December 31, 1900.

## 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
1899 . . . . .	11,625	197,732	204,004	2,424	23,541	923	18,440	458,689
1900 . . . . .	10,968	137,800	163,509	3,449	40,256	3,538	14,802	374,322

\* 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 Thirty Years, ended December 31, 1900.

YEAR.	VEGETABLE FOOD.								HEAVY GOODS.					
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles.	Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869	30,681	211,085	91,149	2,942	.....	667	1,006	337,530	68,064	14,334	89,086	28,566	35,912	235,962
1872	10,482	124,695	89,761	1,391	7,400	.....	608	234,337	24,040	13,239	49,843	95,741	59,401	242,264
1873	10,805	127,727	101,329	1,920	1,188	3	392	243,366	4,659	13,826	40,507	170,242	62,942	292,176
1874	8,230	229,053	125,627	.....	5,948	.....	5,368	374,226	5,742	8,941	22,888	203,673	19,651	260,895
1875	1,881	113,832	54,188	2,641	2,946	500	1,920	177,903	14	4,123	12,931	192,767	34,616	244,451
1876	5,187	96,247	53,138	.....	1,905	525	403	162,405	.....	5,531	29,395	167,110	25,808	227,844
1877	3,342	107,396	65,260	1,603	2,314	258	413	180,586	8,976	8,688	8,336	172,868	41,107	239,975
1878	1,316	65,542	60,026	859	277	.....	341	128,361	.....	10,713	3,892	150,583	13,535	178,723
1879	159	53,791	33,401	.....	464	.....	11	87,826	2,405	3,648	6,318	118,573	17,797	148,741
1880	.....	30,611	16,122	1,551	296	.....	.....	48,580	4,743	3,515	371	65,945	18,380	92,954
1881	.....	34,320	30,031	924	.....	.....	10	65,285	1,313	5,570	.....	83,858	6,464	97,205
1882	107	30,227	32,433	537	.....	684	14	64,002	.....	4,076	.....	158,552	14,533	177,161
1883	2,041	54,382	66,128	735	731	.....	8,579	132,496	1,209	6,901	8	196,462	24,891	229,471
1884	1,715	40,956	53,707	.....	9,874	.....	8,170	114,422	698	599	.....	210,790	15,100	227,187
1885	124	53,235	63,229	732	882	.....	1	118,203	.....	1,594	.....	198,416	15,029	215,039
1886	7,591	53,258	94,048	.....	4,790	.....	13,201	172,888	156	5,328	1	189,964	11,364	206,813
1887	11,780	37,678	83,431	1,732	12,050	.....	10,859	157,530	15	4,406	.....	82,780	627	87,828
1888	8,563	39,999	102,974	2	26,510	179	11,598	189,825	63	1,601	56	173,259	2,309	177,288
1889	5,017	39,229	147,045	.....	27,492	.....	17,225	236,208	.....	1,587	896	227,476	1,204	231,163
1890	9,204	31,527	180,842	6,519	27,030	.....	20,497	275,619	.....	504	208	162,231	1,620	164,563
1891	6,802	32,097	127,494	8,113	52,823	.....	26,115	253,444	.....	292	705	186,572	1,773	189,342
1892	11,018	26,950	131,222	6,433	36,935	.....	31,992	244,550	.....	576	2	183,895	.....	184,473
1893	6,588	28,187	198,777	16,751	23,870	864	36,352	311,389	.....	344	.....	206,827	.....	207,171
1894	17,795	53,846	10,539	28,095	27,621	.....	60,462	198,358	.....	297	.....	188,521	.....	188,818
1895	10,169	27,881	100,512	7,904	17,020	.....	46,316	209,802	181	246	.....	149,490	.....	149,917
1896	16,224	34,878	175,094	11,128	16,137	490	46,456	300,407	.....	146	.....	207,348	.....	207,494
1897	7,237	28,919	169,057	14,173	14,969	.....	41,887	276,242	965	15	.....	165,143	.....	166,123
1898	4,212	11,268	150,667	6,909	12,732	1,197	22,671	209,656	770	339	4	156,814	.....	157,927
1899	6,118	12,926	81,777	2,424	19,526	923	18,198	141,892	351	1,646	553	88,931	.....	91,481
1900	7,966	18,771	60,545	2,402	39,706	2,149	14,243	145,787	.....	953	.....	46,024	.....	46,977

Apples, meals all kinds, pease, potatoes.

1-2 EDWARD VII., A. 1902

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 Thirty years, ended December 31, 1900.

Year.	Total on New York Canals.	Total on Welland Canal.	Total on New York Central and Erie Railways.	Quantity charged 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
1899.....	577,486	459,688	6,211,827	527,868	12,546	141,892
1900.....	472,857	375,720	6,053,005	438,434	4,906	145,787

\* Fiscal.



1-2 EDWARD VII., A. 1902

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

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	239	100,324	186	73,140	245	248,837	134	52,087	804	474,388
1892.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
Wheat.....	74,578	54,764	60,364	36,898	226,604					
Corn.....	17,477	7,369	146,080	21,631	192,548					
Barley.....			3,995	2,438	6,433					
Oats.....			36,935		36,935					
Pease.....	524				524					
Rye.....	5,066		3,718	608	9,392					
Coal.....	775	13,350		1,365	15,490					
Miscellaneous merchandise..	2,139	2,786	44,117		49,042					
Shingles, woodenware, &c. . .	1		45	9	55					
Sawed lumber.....Ft. B.M.	6,278,253	7,504,256	10,494,692	26,832,564	51,109,765					
Square timber.....Cub. ft.	754,213	1,421,260	2,601	1,310	2,179,384					
Staves.....No.	46,800	32,838			79,638					
Firewood.....Cords.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	193	100,107	143	58,652	390	375,682	236	122,326	962	656,767
1893.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	83,447	31,185	72,671	68,628	255,931					
Corn.....	23,817	12,946	313,246	91,083	441,092					
Barley.....	1,527	183	16,189	562	18,461					
Oats.....	223		27,903	3,038	31,164					
Pease.....										
Rye.....			3,216	455	3,671					
Coal.....	638	13,580		5,849	20,067					
Miscellaneous merchandise..	6,179	286	44,976	1,647	53,088					
Shingles, woodenware, &c. . .		15	22		37					
Sawed lumber.....Ft. B.M.	13,750,267	2,748,941	17,359,573	41,863,852	75,722,633					
Square timber.....Cub. ft.	836,048	1,437,893	5,133		2,279,074					
Staves.....No.		18,484			18,484					
Firewood.....Cords.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	242	86,838	339	93,450	114	104,505	219	60,500	914	345,293
1894.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat.....	95,586	54,444	79,715	37,095	260,840					
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	279,830	11,719,664	31,891,456	52,313,745					
Square timber.....Cub. ft.	771,528	1,578,981			2,350,309					
Staves.....No.										
Firewood.....Cords.										



SESSIONAL PAPER No. 20

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.
	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 lumber ..... Cub. ft.	1,027,913	2,049,368	.....	35,000	3,112,281					
Staves .....	No.	.....	.....	.....	.....					
Firewood .....	Cords	.....	.....	.....	.....					
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	224	122,521	181	82,543	343	337,983	163	96,506	911	639,553
1896.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat .....	113,331	90,979	78,741	34,476	317,527					
Corn .....	9,360	3,855	218,315	88,914	320,440					
Barley .....	240	.....	11,128	.....	11,368					
Oats .....	441	1,270	24,847	1,620	28,178					
Pease .....	1,403	1,354	.....	273	3,030					
Rye .....	5,035	644	2,837	454	8,970					
Coal .....	7	11,106	1,255	629	11,997					
Miscellaneous merchandise ..	29,820	1,452	82,319	4,374	117,965					
Shingles, woodenware, &c. ...	134	.....	22	.....	156					
Sawed lumber ..... Ft. B.M.	2,123,213	.....	18,259,810	27,796,146	48,179,169					
Square timber. .... Cub. ft.	942,923	1,649,145	.....	246,024	2,838,092					
Staves .....	No.	.....	.....	.....	.....					
Firewood .....	Cords	.....	.....	55	55					
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	225	131,907	163	76,760	388	382,231	144	86,675	920	677,573
1897.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat .....	121,762	55,724	106,064	37,891	321,441					
Corn .....	33,694	15,244	274,855	66,822	390,615					
Barley .....	.....	.....	14,173	.....	14,173					
Oats .....	223	.....	23,515	1,168	24,906					
Pease .....	1,851	.....	.....	.....	1,851					
Rye .....	2,047	919	5,517	.....	8,483					
Coal .....	3,873	3,947	368	1,615	9,803					
Misellaneous 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					
Firewood .....	Cords	4	.....	.....	4					

1-2 EDWARD VII., A. 1902

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.
	216	126,398	104	59,532	354	355,702	195	108,720	869	650,352
1898.	Tons.	Tons.	Tons.	Tons.	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	1,641,783	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					
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	191	100,242	129	75,777	201	212,027	78	36,962	599	425,008
1899.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat .....	91,901	80,928	16,250	7,244	196,323					
Corn .....	28,015	18,905	138,834	18,250	204,004					
Barley .....			2,424		2,424					
Oats .....	1,557		21,646		23,203					
Pease .....										
Rye .....			923		923					
Coal .....	435	6,736		3,398	10,569					
Miscellaneous merchandise ..	25,203	18,651	49,522	1,567	94,943					
Shingles, woodenware, &c....	485	916		100	1,501					
Sawed lumber..... Ft. B.M.	2,077,748	772,739	14,855,338	19,949,079	37,654,904					
Square timber..... Cub. ft.	322,133	585,780	20,802	323,806	1,257,526					
Firewood..... Cords.		9			9					
Staves..... No.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	114,885	109	67,475	168	182,444	71	30,309	564	395,113
1900.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat ..	67,694	43,157	23,066	2,130	136,047					
Corn.....	39,597	31,248	78,701	13,963	163,509					
Barley.....			2,402	1,047	3,449					
Oats.....			39,706	407	40,113					
Pease.....	115		4		119					
Rye.....	1,389		2,149		3,538					
Coal.....	723	637	433	559	2,352					
Miscellaneous merchandise ..	53,649	31,536	43,344	3,564	132,093					
Shingles, woodenware, &c....	1,078				1,078					
Sawed lumber..... Ft. B.M.	6,847,279	5,344,258	14,984,483	18,770,405	45,946,425					
Square timber..... Cub. ft.	439,827	355,951	11,583	198,420	1,005,781					
Firewood..... Cords.	126	255			381					
Staves..... No.	1,000				1,000					

SESSIONAL PAPER No. 20

STATEMENT showing the Quantity of THROUGH Freight passed up the Welland Canal in Canadian and United States Vessels during the Season of 1900.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam & Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	119,754	115	68,277	160	175,099	72	33,877	563	397,007
1900.	Tons.		Tons.		Tons.		Tons.		Tons.	
<i>Class 3.</i>										
Cement and Water-Lime....	1,935		.....		112		.....		2,047	
Fish .....	8		.....		342		.....		350	
Iron railway .....	74		.....		.....		.....		74	
" pig .....	3		.....		.....		.....		3	
" all other. ....	1,458		7		239		.....		1,704	
Salt. ....	49		.....		.....		.....		49	
Steel.....	.....		.....		122		.....		122	
Articles not enumerated.....	649		1,215		1,192		.....		3,506	
<i>Class 4.</i>										
Crockery and earthenware...	16		.....		.....		.....		16	
Marble .....	.....		.....		863		.....		863	
Manilla.....	.....		.....		174		.....		174	
Nails.....	183		.....		.....		.....		183	
Paint .....	32		6		.....		.....		38	
Pitch and tar.....	23		.....		.....		.....		23	
Sugar .....	442		.....		13,175		.....		13,617	
Tin .....	117		.....		.....		.....		117	
Merchandise not enumerated.	2,127		4		38,192		.....		40,323	
<i>Class 5.</i>										
Produce of wood.....	1,348		12		86		.....		1,446	
<i>Special Class.</i>										
Coal .....	2,416		.....		24,244		18,380		45,040	
Unenumerated articles.....	.....		.....		.....		.....		.....	
Total .. . . . .	10,880		1,244		78,741		18,380		109,245	

Canadian Steam Vessels carried .....	Tons.	10,880
" Sailing .....	"	1,244
United States Steam .....	"	78,741
" Sailing .....	"	18,380

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## 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 1900, is as follows:—

Summary.	Tons.	Tons.
In Canadian steam vessels.....	10,880	
"    sail    ".....	1,244	
Total quantity in Canadian vessels.....		12,124
In United States steam vessels.....	78,741	
"    sail    ".....	18,380	
Total in United States vessels.....		97,121
Grand total freight passed up the Welland Canal in Canadian and United States vessels.....		109,245

STATEMENT of the Quantity of Through Freight passed Up and Down, on the Welland Canal during the Season of Navigation in 1900.

Summary.	Tons.	Tons.
In Canadian steam vessels up.....	10,880	
"    "    down.....	183,997	
Total in Canadian steam vessels.....		194,877
In Canadian sail vessels up.....	1,244	
"    "    down.....	123,376	
Total in Canadian sail vessels.....		124,620
Total quantity in Canadian vessels.....		319,497
In United States steam vessels up.....	78,741	
"    "    down.....	215,021	
Total in United States steam vessels.....		293,762
In United States sail vessels up.....	18,380	
"    "    down.....	56,918	
Total in United States sail vessels.....		75,298
Total quantity in United States vessels.....		369,060
Total in Canadian and United States vessels.....		688,557
	Down or East bound.	Up or West bound.
In Canadian vessels.....	307,373	12,124
In United States vessels.....	271,939	97,121
Total.....	579,312	109,245

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 1900.

CANADIAN STEAM VESSELS.

Table with columns: Date of Arrival, Name of Vessels, Registered Tonnage, Dimensions (Length, Width, Depth), Depth of Water on Arrival, 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 (Wheat, Corn, Barley, Rye, Oats, Rolling Freight), Total Cargo through Canal, Depth Water Midship through Canal, Destination (From, To), Cost of Lighterage per bushel, Time occupied in Lighterage (Hrs., Mins.).

CANADIAN VESSELS—SAIL.

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

UNITED STATES STEAM VESSELS.

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

RECAPITULATION.

Summary table with columns: Category (Canadian Vessels Steam/Sail, United States Vessels Steam/Sail, Total Canadian and United States), Number, Original Cargo to the Welland Canal, Lighterage over Welland Railway, Lighterage over Welland Railway in Tons, Grain Cargo and Rolling Freight through Welland Canal, Total Cargo through Canal, Depth Water Midship through Canal, Destination, Cost of Lighterage per bushel, Time occupied in Lighterage.



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 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899 and 1900.

Articles.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	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 sand.....										38	52	15	15
Iron, pig.....				371			195	79	5				508
" all other.....	418						1	1,766	2,020	7,564	6,217	5,063	4,292
Steel.....								394	542	375	1,351	3,000	5,420
Stone for cutting.....									200				
Apples.....					54		50	28	1,263				
Barley.....						600	258	959	240		3,960	596	1,288
Corn.....	66,443	195,350	139,798	52,539	53,689	278,564	60,661	70,235	182,330	267,533	310,498	150,999	109,359
Flaxseed.....										3,293	5,687		
Flour.....	3,865	6,841	3,065	3,324	2,874	5,514	16,503	30,916	11,964	1,029	653	4,229	1,595
Meal, all kinds.....	100	148	222	67	16			4	65				
Oats.....		320	479			9,761	175	1,654	12,373	6,847	3,975	10,250	8,925
Pease.....				390	524				3,020	2,078	260		115
Rye.....		1,284	1,120	64,978	9,119	3,669			8,323	8,435	15,488	923	3,078
Salt.....										216	144	183	
Seeds, all kinds.....	12	3	2	2	75				20			200	
Tobacco, raw.....				1						51			
Wheat.....	93,915	70,815	75,515	159,785	194,281	209,212	212,557	158,643	255,198	278,498	184,154	169,978	121,896
All other agricultural products, vegetable.....		798	3	2			29		29		56	32	
Hides, skins, horns and hoofs.....					20								
Horses.....	2	2	3	2	2	1	1	1	1	1	4	1	
Lard and lard oil.....	54			100									
Pork.....	265	1,220	221	201			717		1				
All other agricultural products, Animal.....	39	32	117		103								
<b>Total, Class 3.....</b>	<b>165,113</b>	<b>276,813</b>	<b>220,545</b>	<b>281,762</b>	<b>260,757</b>	<b>507,321</b>	<b>201,151</b>	<b>264,740</b>	<b>477,541</b>	<b>576,008</b>	<b>532,499</b>	<b>345,469</b>	<b>256,491</b>
<i>Class 4.</i>													
Agricultural Implements.....												3	
Ashes.....	85	107	70	40	17	23	19	34	94	133	73	55	25
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.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Furniture.....	2		1	2	1		2			1			1
Glass, all kinds.....	3		1	1					9	53	75	16	6
Molasses.....								100	167	9	56	159	
Nails.....												1	
Oil.....		4	6					6	23	112	1,141	7,143	15,647
Paint.....								2					
Pitch and tar.....													
Rags.....									4				
Sugar.....									1				
Stone, wrought.....													
Tobacco.....												96	
White lead.....													16
Whisky, beer, and other spirits..	3	20	26	105	6	1		101		46	4	74	11
Merchandise, not enumerated....	105	193	142	278	36	4	330	558	376	1,226	866	513	92
Total, Class 4.....	198	324	246	426	60	28	351	801	679	1,580	2,215	8,065	15,798
<i>Class 5.</i>													
Barrels, empty.....	40				1			1				1	182
Hoops.....										257			
Sawed lumber.....	5,175	6,118	3,579	3,908	1,678	667	683	1,117	657	478	3,065	924	15,760
Staves, pipe and barrel.....	139				8					4,716			
"    West India and pipe.....	1,623	270			200								
Timber, square, in vessels.....				5,680	400								
"    in rafts.....	11,586	9,302							1,200	1,207	329	26	
Woodenware.....	25		1				6						
Total, Class 5.....	18,588	15,690	3,580	9,588	2,327	667	689	1,118	1,857	6,658	3,394	951	15,942
<i>Special Class.</i>													
Coal.....													
Grand total.....	183,899	292,827	224,371	291,776	263,144	508,016	292,191	266,659	480,077	584,246	538,108	354,485	288,231

DEPARTMENT OF RAILWAYS AND CANALS



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 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899 and 1900.

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Articles.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks .....	187	84	252	469	.....	.....	1	24	15	70	70	24	49
Cement and water lime.....	1,177	823	62	2,380	1,570	3,169	2,281	1,859	1,686	837	996	997	1,931
Clay, lime and sand.....	95	3	8	206	240	.....	253	.....	.....	4	144	8	4
Fish .....	1	80	26	7	426	465	512	.....	11	10	9	10	8
Gypsum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....
Iron, railway.....	9,148	15,513	20,003	2,855	1,171	6,576	20	.....	1,687	.....	.....	.....	74
" pig.....	573	250	20	112	74	25	.....	56	28	6	.....	.....	3
" all other.....	297	290	584	595	387	543	114	1,831	727	559	699	1,318	1,428
Salt.....	3,599	4,216	7,440	4,391	2,034	995	843	932	822	25	35	.....	48
Steel.....	3	3	1	.....	269	426	248	528	.....	.....	19	18	.....
Stone for cutting.....	.....	.....	12	.....	145	.....	.....	.....	4	62	.....	.....	.....
Flour.....	.....	.....	48	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Hay.....	.....	.....	.....	.....	.....	.....	.....	124	.....	.....	.....	.....	.....
Meals.....	31	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	.....
Oats.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potatoes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seeds, all kinds.....	24	215	100	.....	.....	.....	33	25	99	121	56	121	218
Agricultural products not enumerated, vegetables.....	35	19	.....	52	.....	.....	5	26	.....	4	.....	.....	.....
Hides and skins.....	.....	.....	.....	.....	.....	.....	.....	26	.....	.....	.....	.....	.....
Horses.....	.....	2	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....
Lard and lard oil.....	.....	.....	72	.....	16	.....	.....	1	.....	.....	2	.....	.....
Pork.....	.....	.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Wool.....	.....	.....	13	2	13	.....	.....	.....	.....	.....	.....	.....	.....
All other articles not enumerated..	77	.....	1	2	.....	.....	10	.....	.....	.....	.....	.....	.....
Total, class 3 .....	15,247	21,498	28,675	11,071	6,345	12,202	4,335	5,432	5,080	1,698	2,031	2,500	3,764
<i>Class 4.</i>													
Ashes, pot and pearl.....	.....	.....	10	31	88	.....	.....	.....	.....	1	.....	.....	.....
Crockery and earthenware.....	336	112	11	251	8	98	107	12	83	4	33	3	5
Dye woods, &c.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furniture.....	1	.....	.....	1	3	.....	.....	.....	.....	2	.....	.....	1

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CANAL STATISTICS

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, &c.—*Concluded.*

Articles.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds .....	77	71	23	30	152	365	175	394	612	799	150	299	456
Manilla .....	1						11						
Molasses .....	7	56			32	43	42	20	1				
Nails .....	578	736	453	560	276	472	500	1,149	409	129	229	518	180
Oil, in barrels .....	22	9	11	64	2	44	8	31	33	12	15	21	74
Paint .....	59	49	24	61	15	70	8	75	49	20	35	2	12
Pitch and tar .....			13	22	15	26	152	67	60	20	37	6	21
Rags .....												14	
Resin .....			1									15	
Soda, ash .....	1,196	766	554	377	352	68	94	84	74	249	88	108	69
Stone, wrought .....						14			17	25	31		
Sugar .....	98	7	551	412	1,320	2,218	2,724	1,430	1,873	311	566	1,596	430
Tin .....	198	480	40	23	27	34	327	396	395	359	237	159	117
Turpentine .....	1	1	2										
White lead .....	2	4	19	3	6	35	2	7	10	5		1	4
Whiting .....		33	34	50	71	31	1	113	56	104	93	89	39
Whisky, beer, &c. ....	228	124	350	294	220	26	53	77	51	93	98	178	295
Merchandise, not enumerated.....	1,259	1,422	1,180	810	538	799	900	1,268	1,247	711	793	482	744
Total, class 4 .....	4,063	3,870	3,276	2,989	3,125	4,343	5,104	5,123	4,970	2,844	2,405	3,491	2,447
<i>Class 5.</i>													
Barrels, empty .....		2											
Lumber, sawn, in vessels .....													
Woodenware .....													
Total, class 5 .....		2											
<i>Special Class.</i>													
Coal .....													
Grand total .....	19,310	25,370	31,951	14,060	9,470	16,545	9,439	10,555	10,050	4,542	4,436	5,991	6,211

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 1888 to 1900, inclusive.

Articles.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks.....			4							845			18
Cement and water lime.....	4										300		
Fish.....				1		5	5						
Iron, railway.....								181		965	770		
" all other.....		520	1	10	1	102		214			324	1,008	714
Salt.....				494								549	
Steel.....	3				1				498		2,951	13,522	3,110
Stone for cutting.....													
Apples.....													
Barley.....	2		6,519	8,113	6,433	16,751	23,095	7,904	11,128	14,173	6,909	2,424	2,402
Corn.....	102,974	147,045	180,842	127,494	131,222	198,777	105,329	100,512	175,094	169,057	150,667	81,777	60,545
Flour.....	8,563	5,017	9,204	6,802	11,018	6,588	17,795	10,169	16,224	7,237	4,212	6,118	7,966
Hay, pressed.....										301			
Meal, all kinds.....	11,598	17,224	20,482	26,096	31,724	36,352	60,390	46,316	46,456	41,644	22,626	18,198	14,244
Oil cake.....							29						2,705
Oats.....	26,510	27,492	27,030	52,823	36,935	23,870	27,621	16,442	16,137	14,969	12,729	19,526	39,706
Pease.....											45		4
Potatoes.....		1	1										
Rye.....	179					864			490		1,197	923	2,149
Flax seed.....												200	
Seeds, all kinds.....	48	151	135	256	50	16		14	78	299	44	11	
Wheat.....	39,999	39,229	31,527	32,097	26,950	28,187	53,846	27,881	34,878	28,919	11,268	12,926	18,771
Agricultural products, vegetables.....			14	42									6
Hides and skins, &c.....	39								8	41	23		
Horses.....		1	1	3		2	4			3	3	2	4
Lard and lard oil, &c.....	19	32	30	10		1		6	1,348	1,444	3,671	864	1,588
Meats, other than pork.....	14	3	15	2	29			30					
Pork.....	19	21	88	73	1	52	56	87	390	243	1,271	343	117
Sheep.....													
Tallow.....											359	201	631
Wool.....	18	452		1,237	70	80	1,484	1,536	900	197	89	130	
Total, class 3.....	189,989	237,188	275,893	255,553	244,434	311,647	294,654	211,300	303,665	280,319	219,434	158,720	154,680
<i>Class 4.</i>													
Agricultural implements.....													
Crockery and earthenware.....	1	1											
Furniture.....	30	30	21	7		6		2			2	7	

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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 1888 to 1900, inclusive—*Concluded.*

Articles.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds .....				1								8	57
Molasses .....							57					11	
Nails .....				1				30	1,005	198	119	367	17
Oil, in barrels .....			3		44						3	2	36
Paint .....												1	
Rags .....													
Soda, ash .....													
Stone, wrought .....		2											154
Sugar .....								59	165	31			
White lead .....			1										
Whisky, beer and all other spirits .....	151	190	228	167	46	83		15			34	168	1
Merchandise .....	1,453	1,679	1,822	1,865	1,331	1,693	2,976	7,656	3,990	3,591	3,828	6,219	7,889
Total, Class 4 .....	1,635	1,902	2,075	2,041	1,421	1,782	3,033	7,762	5,160	3,820	3,986	6,783	8,164
<i>Class 5.</i>													
Empty barrels .....						9			10				5
Firewood in vessels .....									165				
Lumber, sawn, in vessels .....	28,333	55,074	38,030	45,504	54,173	68,985	62,905	41,974	75,515	68,280	52,844	57,695	55,123
Masts and spars, in vessels .....										403			
Hoops .....													
Railway ties, in vessels .....								446					
Shingles .....	6	51				13							
Staves, barrel .....	82												
Timber, square, in vessels .....								500		1,040			
Woodenware, &c. ....	141	333	8	4	54				12	1			
Total, Class 5 .....	28,562	55,458	38,038	45,508	54,227	69,007	62,905	42,920	75,702	69,724	52,844	57,695	55,133
<i>Special Class.</i>													
Coal .....	878	1,124	615	1,382	651	2,123	727	603	1,255		759	2,293	992
Stone, not suitable for cutting .....		1,681	18										
Kryolite .....			1,620	1,773									
Total, Special Class .....	878	2,805	2,253	3,155	651	2,123	727	603	1,255		759	2,293	992
Grand total .....	221,064	297,353	318,259	306,257	300,733	384,559	361,319	262,585	385,782	353,863	277,023	225,491	218,969

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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 1900.

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.....	1,199	517	682
" " ".....	1,204	263	941
" " Cuba.....	644	168	476
" " ".....	448	169	279
" " ".....	560		560
" " ".....	560		560
" " ".....	476		476
" " ".....	560		560
" " ".....	504		504
" " ".....	560		560
" " ".....	560		560
" " Melbourne.....	653	173	480
" " ".....	560		560
" " ".....	476		476
" " ".....	476		476
" " ".....	560		560
" " ".....	560		560
" " ".....	560		560
" " ".....	392		392
" " ".....	560		560
" Schooner Dunmore.....	1,187	260	927
" " Selkirk.....	1,463	371	1,092
Total.....	14,722	1,921	12,801

No. of cargoes of Corn.....	22
Quantity through Welland Canal to Kingston and Prescott.....	14,722 tons.
" taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	1,921 "
" transhipped at Kingston and Prescott.....	12,801 "

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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 1900.

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.....	1,231	520	711
" " " .....	1,230	229	1,001
Total.....	2,461	749	1,712

No. of cargoes of Wheat .....	2
Quantity through Welland Canal to Kingston and Prescott.....	2,461 tons.
" transhipped at Kingston and Prescott.....	749 "
" taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	1,712

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 Navigation in 1900.

	Number of Cargoes.	Total Number.
Wheat.....	2	
Corn.....	22	
Total.....		24
	Tons.	Tons.
Quantity of wheat through the Welland Canal, bound for Montreal.....	2,461	
" corn " " " " .....	14,722	
Total through Welland Canal.....		17,183
Quantity of the above, transhipped at Kingston and Prescott :—		
Wheat.....	749	
Corn.....	1,921	
Total transhipped .....		2,670
Quantity of the above Cargoes taken to Montreal in vessels in which it arrived at Kingston and Prescott :—		
Wheat.....	1,712	
Corn.....	12,801	
Total quantity to Montreal.....		14,513
Grand total.....		17,183

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O. STATEMENT showing the Quantity of Grain passed Down the Welland Canal to Kingston, Prescott, Ogdensburg and other Ports in Canadian and United States Vessels, entering the Canal at Port Colborne, during the Season of Navigation in 1900.

	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	114,885	109	67,475	168	182,444	71	30,309	564	395,113
	Tons.		Tons.		Tons.		Tons.		Tons.	
Barley .....	.....		.....		2,402		1,047		3,449	
Corn .....	39,597		31,248		78,701		13,963		163,509	
Oats .....	.....		.....		39,706		407		40,113	
Pease .....	115		.....		4		.....		119	
Rye .....	1,389		.....		2,149		.....		3,538	
Wheat .....	67,694		43,157		23,066		2,130		136,047	
Total . . .	108,795		74,405		146,028		17,547		346,775	

				Tons.
216	Cargoes in Canadian Vessels	Steam,	total quantity.....	108,795
109	" " " "	Sail	" .....	74,405
168	" in United States Vessels,	Steam,	total quantity ...	146,028
71	" " " "	Sail	" ...	17,547

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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 1900.

Summary.	Tons.	Tons.
Canadian steam vessels—216 cargoes of grain.....	108,795	
"    sail    "    109    "    .....	74,405	
Total in Canadian vessels.....		183,200
United States steam vessels—168 cargoes of grain. . . . .	146,028	
"    sail    "    71    "    .....	17,547	
Total in United States vessels.. . . .		163,575
Total in Canadian and United States vessels.....		346,775
Distributed as follows :—		
24 Canadian vessels arrived at Kingston and Prescott, and discharged part of their cargoes, taking the balance to Montreal.....		14,513
540 vessels arrived at Kingston, Prescott, Ogdensburg and ports, and discharged all their cargoes as follows :—		
301 cargoes in Canadian vessels.....	166,017	
239    "    United States vessels.....	163,575	
Quantity discharged by the 24 Canadian vessels, which took the balance to Montreal.....	2,670	
Total quantity discharged.....	332,262	
Total quantity of above transhipped from Kingston, Prescott and Ogdensburg to Montreal.....		*217,735
Total quantity transhipped from Kingston, Prescott and Ogdensburg to Cardinal.....		3,368
"    remaining at Kingston, Prescott, Ogdensburg and other ports.....		111,159
Total.....		346,775

\*Of this quantity 38,403 tons were transhipped from Ogdensburg to Montreal.



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Q.—COMPARATIVE STATEMENT of the Quantity of Grain passed Down the Welland Canal to Kingston, Prescott and Ogdensburg, for the seasons of navigation in 1899 and 1900.

	1899.		1900.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston and Prescott in Canadian vessels . . . . .	162	221,306	325	183,200
Quantity arrived at Kingston, Prescott and Ogdensburg in United States vessels . . . . .	167	205,571	239	163,575
Total . . . . .	329	426,877	564	346,775
Quantity transhipped at Kingston, Prescott and Ogdensburg in Canadian vessels for Montreal . . . . .		313,497		217,735
Quantity taken to Montreal in vessels in which it arrived at Kingston and Prescott . . . . .		5,359		14,513
Quantity remaining at Kingston, Prescott, Ogdensburg and Cardinal . . . . .		*108,021		114,527
Total . . . . .		426,877		346,775

\*Of this quantity 12,413 tons were transhipped to Montreal in 1900.

15 vessels took their cargoes through to Montreal intact in 1900, against 2 in 1899; 7 vessels discharged part of their cargo in 1900 against 11 in 1899; 542 vessels discharged all of their cargoes in 1900 against 316 in 1899.

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 1900.

DESTINATION.	No. of Sections.	No. of Vessels.	Tonnage of Vessels.	No. of Passengers.	Class Three.	Class Four.	Class Five.	Special Class.	Tolls.
Prescott to Montreal . . . . .	4	118	64,928	14,458	86	1,468			2,243 47
" Lachine . . . . .	3	33	17,546	1,826	1,521	411			468 83
Dickinson's Landing to Montreal . . . . .	3	8	5,184	981		48			109 99
Valleyfield to Montreal . . . . .	2	5	783	60					5 94
" Lachine . . . . .	1	201	25,718	3,889	972	343	10		202 26
Lachine to Montreal . . . . .	1	300	59,967	14,296	891	177			472 31
Total . . . . .		665	174,126	35,510	3,470	2,447	10		3,502 80

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S.—The quantity of Coal passed through the Welland Canal during a series of years from 1885 to 1900, 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.
	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
1899.....			86,638	2,293	525	8,276	97,732	19,546 40
1900.....	8		45,032	992		1,360	47,392	9,478 40

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, 1898, 1899 and 1900 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 1900, 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
1899.....	448	201,546	201,994	30,231 80
1900.....	10	280,169	280,179	42,025 35

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

## SESSIONAL PAPER No. 20

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 1889 to 1900, inclusive.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
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.....		376	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.....	202,827	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.

1-2 EDWARD VII., A. 1902

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed Down the Welland Canal, &c.—*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.
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
	219,539	144,301	327,833
Corn.....	16,033		
Oats.....	400		
	16,433		*16,433
Totals.....	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.

## SESSIONAL PAPER No. 20

## U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed Down the Welland Canal, &amp;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		8,802
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
Corn.....	12,169	291,776	54,315
Wheat.....	5,648		317,209
		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, March 25, 1891.

1-2 EDWARD VII., A. 1902

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.....	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.

## SESSIONAL PAPER No. 20

U.—COMPARTTIVE 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.
1893.	Tons.	Tons.	Tons.
Ashes, pot and pearl. ....	23		
Barley. ....	600	1,110	16,751
Bricks. ....		1,251	
Corn. ....	278,564	5,752	156,776
Coal. ....		17,944	2,123
Flour. ....	5,514		6,588
Fish. ....			5
Furniture. ....			6
Horses. ....	1	1	2
Iron, pig. ....			100
" 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."

1-2 EDWARD VII., A. 1902

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.
1894			
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
Oil 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.



## SESSIONAL PAPER No. 20

## U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &amp;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, were 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.

1-2 EDWARD VII., A. 1902

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

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, were stored there, and transhipped to Montreal in 1896.

## SESSIONAL PAPER No. 20

## U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &amp;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.
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.

1-2 EDWARD VII., A. 1902

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*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.
1898.	Tons.	Tons.	Tons.
Agricultural products, vegetable.....	56		
Ashes.....	73		
Barley.....	3,960	1,417	6,909
Cement and water line.....			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.

SESSIONAL PAPER No. 20

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.
1899.			
Agricultural products, vegetable .....	32		
Ashes .....	58		
Barley .....	596		1,828
Clay, lime and sand .....	15		
Coal .....		8,276	2,293
Corn .....	*150,999	16,594	43,854
Flax seed .....	200		
Flour .....	4,229	1,889	4,404
Furniture .....		2	7
Glass .....	16		
Horses .....	1		
Iron, all other .....	5,063		294
Iron ore .....		26,125	
Lard and lard oil .....		3	864
Meal, all kinds .....			18,198
Molasses .....	159		8
Nails .....	1	1	11
Oats .....	*10,250	1	13,139
Oil, in barrels .....	7,143	2	254
Paint .....			2
Pork .....			343
Rags .....			1
Rye .....	923		
Salt .....	183	479	549
Seeds, all kinds .....			11
Spirits, beer, &c. ....	74	71	168
Steel .....	3,000	1,562	11,802
Stone for cutting .....		429	
Tallow .....			201
Tobacco .....	96		
Wheat .....	*169,978	23,602	9,190
Wool .....			130
Merchandise, not enumerated .....	518	126	6,219
Barrels, empty .....	1		
Firewood in vessels .....		27	
Hop poles .....		100	
Lumber, sawn, in vessels .....	924	4,583	57,695
Masts and spars .....		3	
Railway ties .....		74	1,273
Shingles .....		50	
Square timber, in vessels .....	26	24,959	
Total .....	354,485	108,958	172,738

\*Of this quantity of corn 7,443 tons came down to Ogdensburg and Prescott in 1898, were stored there and transhipped to Montreal in 1899.

\*Of this quantity of oats 187 tons passed down on Dunnville pass to Montreal.

\*Of this quantity of wheat 6,447 tons passed down to Kingston in 1898, were stored there and transhipped to Montreal in 1899.

1-2 EDWARD VII., A. 1902

## U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &amp;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.
1900.			
Agricultural products, vegetable .....		1	6
Ashes .....	25	15	
Barley .....	1,288	563	1,598
Cement and water lime .....			18
Clay, lime and sand .....	15		
Coal .....		1,360	992
Corn .....	*109,359	9,844	44,306
Flour .....	1,595	990	6,371
Furniture .....	1		
Glass, all kinds .....	6	4	
Horses .....			4
Iron, pig .....	508	1,284	
" all other .....	4,292	1,044	714
" ore .....		58,400	
Lard and lard oil .....			1,588
Meal (all kinds) .....			14,244
Molasses .....		21	57
Oats .....	*8,925	348	30,840
Oil, in barrels .....	15,647	4,288	17
Oil-cake .....			2,705
Paint .....		2	36
Pease .....	115		4
Pitch and tar .....		24	
Pork .....			117
Rye .....	3,078	160	300
Salt .....		467	
Soda, ash .....		15	
Steel .....	5,420		2,601
Sugar .....			154
Tallow .....			631
Wheat .....	*121,896	6,610	7,541
White lead .....	16		
Merchandise not enumerated .....	103	154	7,899
Barrels, empty .....	182	407	5
Firewood, in vessels .....		1,143	
Lumber, sawn, in vessels .....	15,760	5,701	55,128
Shingles .....		96	
Square timber, in vessels .....		20,267	
Staves .....		3	
Total .....	288,231	113,205	177,876

\*Of this quantity of corn 751 tons came to Ogdensburg, Kingston and Prescott in 1899, were stored there and transhipped to Montreal in 1900.

\*Of this quantity of oats 585 tons came down to Ogdensburg, Kingston and Prescott in 1899, were stored there and transhipped to Montreal in 1900.

\*Of this quantity of wheat 10,835 tons came down to Ogdensburg, Kingston and Prescott in 1900, were stored there and transhipped to Montreal in 1900.

## SESSIONAL PAPER No. 20

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.
1889.	Tons.	Tons.	Tons.
Barley .....			
Corn.....	195,350	11,200	147,045
*Oats.....	320		27,492
Peas .....			
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
Peas.....			14
Rye.....	1,120	1	
Wheat.....	75,515	5,241	31,527
Total grain.....	228,513	16,899	245,932
Other articles .....	7,459	127,502	81,901
Total .....	235,972	144,301	327,833
1891.			
Barley.....			8,113
Corn.....	52,539	5,144	127,494
Oats.....			52,823
Peas.....	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
Total .....	309,593	54,315	299,392
1892.			
Barley.....			6,433
Corn.....	53,689	7,637	131,222
Oats.....			36,935
Peas.....	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

\* There was no rebate on oats for 1889.

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

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

1-2 EDWARD VII., A. 1902

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.
1893.	Tons.	Tons.	Tons.
Barley.....	600	1,110	16,751
Corn.....	278,664	5,752	156,776
Oats.....	9,761	1,090	20,313
Pease.....			
Rye.....	3,669	1	1
Wheat.....	209,212	17,602	29,117
Total grain.....	501,806	25,555	222,958
Other articles.....	6,210	68,182	170,790
Total.....	508,016	93,737	393,748
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
1895.			
Barley.....	959		7,730
Corn.....	70,265	2,912	91,743
Oats.....	1,654	123	16,442
Pease.....			
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

† 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.



SESSIONAL PAPER No. 20

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.
	Tons.	Tons.	Tons.
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
1899.			
Barley.....	596		1,828
Corn.....	150,999	16,594	43,854
Oats.....	10,250	1	13,139
Pease.....			
Rye.....	923		
Wheat.....	169,978	23,602	9,190
Total grain.....	***332,746	40,197	68,011
Other articles.....	21,739	68,761	104,727
Total.....	354,485	108,958	172,732
1900.			
Barley.....	1,288	563	1,598
Corn.....	109,359	9,844	44,306
Oats.....	8,925	348	30,840
Pease.....	115		4
Rye.....	3,078	160	300
Wheat.....	121,896	6,610	7,541
Total grain.....	† 244,661	17,525	84,589
Other articles.....	43,570	95,680	93,287
Total.....	288,231	113,205	177,876

\* 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.

\*\*\* Of this quantity, 14,077 tons came down in 1898 and were transhipped to Montreal in 1899.

† Of this quantity, 12,171 tons came down in 1899 and were transhipped to Montreal in 1900.

COMPARATIVE STATEMENT showing the quantity of Vegetable Food and Lumber passed through the Canals during the years ended December 31, 1899 and 1900.

	VEGETABLE FOOD.								Lumber.	Total.
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Buck-wheat.	All other.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Welland Canal, 1899	11,625	197,732	204,004	2,907	24,037	923	4	18,460	67,850	527,542
" 1900	10,968	137,800	163,509	4,035	41,055	3,538		14,815	77,470	453,190
Increase				1,128	17,018	2,615			9,620	
Decrease	657	59,932	40,495				4	3,645		74,352
St. Lawrence Canals, 1899	27,833	299,567	350,110	25,230	43,068	6,522	1,296	17,020	26,648	799,294
" 1900	13,277	276,229	288,169	21,096	52,983	12,544	1,159	16,432	59,543	741,432
Increase					9,915	6,022			30,895	
Decrease	14,556	23,338	61,941	4,134			137	588		57,862
Chambly Canal, 1899	409			30	4,342			274	56,833	61,888
" 1900	524			48	3,867			576	39,605	44,620
Increase	115			18				302		
Decrease					475				17,228	17,268
Ottawa Canals, 1899	125				1,441	10	40	508	406,378	408,502
" 1900	11			2	1,752	3	117	242	302,132	304,259
Increase				2	311		77			
Decrease	114					7		266	104,246	104,243
Rideau Canal, 1899	788	213	110		823	7	33	336	28,534	30,844
" 1900	470	313	147		670	28	63	287	29,728	31,706

Increase.....		100	37			21	30		1,194	862
Decrease.....	318				153			49		
St. Peter's Canal, 1899 .....	2,460		21	7	2,010			3,190	9,208	16,896
" 1900.....	1,851		8	9	2,257			3,959	15,261	23,345
Increase.....			13	2	247			769	6,053	6,449
Decrease.....	609									
Trent Valley Canals, 1899.....		437		13	16			26	2,697	3,189
" 1900.....		627							1,948	2,575
Increase.....		190								
Decrease.....				13	16			26	749	614
Murray Canal, 1899 .....	7	1,115	56	762	8	392	79	667	311	3,397
" 1900.....	10	1,240		332		664	128	721	372	3,467
Increase.....	3	125				272	49	54	61	70
Decrease.....			56	430	8					
Sault Ste. Marie Canal, 1899 .....	119,888	382,789	20,842	2,040	3,196	3,528		16,014	13,271	561,568
" 1900.....	72,029	278,761	9,975	2,520	2,403	1,148		1,726	12,408	380,970
Increase.....				480						
Decrease.....	47,859	104,028	10,867		793	2,380		14,288	863	180,598
Total, increase.....					26,046	6,543	15			
Total, decrease.....	63,995	186,883	113,335	2,947				17,737	75,263	427,556

Total for year 1899..... 2,413,120  
 " 1900..... 1,985,556

DEPARTMENT OF RAILWAYS AND CANALS,  
 OTTAWA, September 9, 1901.

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

1-2 EDWARD VI., A. 1902

CANAL  
COMPARATIVE STATEMENT for years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1899.....			2 31	3,731 14	24,339 23
" 1900.....				4,958 86	17,311 23
Increase.....				1,227 72	
Decrease.....			2 31		7,028 00
St. Lawrence Canals, 1899....				712 35	15,762 82
" 1900.....				1,001 53	14,417 71
Increase.....				289 18	
Decrease.....					1,345 11
Chambly Canal, 1899.....				9 25	3,932 67
" 1900.....				8 91	3,946 01
Increase.....					13 34
Decrease.....				0 34	
Ottawa Canals, 1899.....				37 22	6,264 76
" 1900.....				4 37	3,569 35
Increase.....					
Decrease.....				32 85	2,695 41
Rideau Canal, 1899.....				45 00	1,118 65
" 1900.....					979 24
Increase.....					
Decrease.....				45 00	139 41
St. Peter's Canal, 1899.....	12 30			35 59	271 86
" 1900.....	27 55			96 61	303 92
Increase.....	15 25			61 02	32 06
Decrease.....					
Trent Valley Canals, 1899.....				4 33	107 03
" 1900.....				33 44	49 66
Increase.....				29 11	
Decrease.....					57 37
Murray Canal, 1899.....				13 06	58 56
" 1900.....				8 65	68 69
Increase.....					10 13
Decrease.....				4 41	
Saut Ste. Marie Canal, 1899.....					
" 1900.....			56 51		
Increase.....			56 51		
Decrease.....					
Total, increase.....	15 25		54 20	1,524 43	
Total, decrease.....					11,209 77

## SESSIONAL PAPER No. 20

## REVENUE.

ended 31st December, 1899-1900.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
20,275 62	15,833 28	14,186 32	12,931 99	12,642 00	11,820 31	2,297 93	118,110 13
14,810 17	13,610 07	15,851 41	14,518 43	10,840 60	10,145 40	2,247 63	104,293 80
5,465 45	2,273 21	1,665 09	1,586 44	1,801 40	1,674 91	50 30	13,816 33
15,512 62	16,118 20	15,882 03	11,689 43	12,500 32	12,606 37	146 06	100,930 20
14,226 39	16,756 62	17,305 50	14,064 77	13,185 51	12,225 70	189 11	103,372 84
1,286 23	638 42	1,423 47	2,375 34	685 19	380 67	43 05	2,442 64
3,924 05	4,247 11	4,343 85	2,953 27	4,144 51	2,436 45	8 94	26,000 10
3,434 92	4,121 12	4,344 89	3,324 84	3,073 19	1,954 10	12 37	24,220 35
489 13	125 99	1 04	371 57	1,071 32	482 35	3 43	1,779 75
5,549 08	5,605 08	5,257 66	4,598 24	5,238 43	2,832 93		35,383 40
3,411 47	3,900 07	4,446 61	3,837 16	4,128 26	2,327 99		25,625 28
2,137 61	1,705 01	811 05	761 08	1,110 17	504 94		9,758 12
736 75	1,104 92	1,124 50	754 58	758 14	400 03	7 41	6,049 98
1,344 90	1,340 91	912 19	750 75	592 92	509 96	7 34	6,438 21
608 15	235 99	212 31	3 83	165 22	109 93	0 07	388 23
308 92	423 14	516 46	518 30	396 46	380 69	287 61	3,151 33
389 55	517 69	511 26	301 68	332 84	337 81	236 74	3,055 65
80 63	94 55	5 20	216 62	63 62	42 88	50 87	95 68
150 63	218 18	241 49	247 37	185 82	157 64	0 25	1,312 74
169 18	218 96	256 80	192 10	187 53	115 14	1 00	1,223 81
18 55	0 78	15 31	55 27	1 71	42 50	0 75	88 93
95 91	142 98	132 40	120 78	89 05	61 25	0 50	714 49
86 82	149 10	197 53	130 77	118 69	69 55		829 80
9 09	6 12	65 13	9 99	29 64	8 30	0 50	115 31
							56 51
							56 51
8,680 18	3,128 35	2,141 48	3,306 54	3,495 19	3,010 02	54 51	22,536 12

Total for year 1899.....\$291,652 37

Total for year 1900.....269,116 25

RICHARD DEVLIN, *Compiler of Canal Statistics.*

## APPENDIX A.

No. (A) 1.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal and the Amount of Revenue collected during the Season of Navigation in 1900.

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.....		12					28		40		40		8 00	8 00
Apples.....	8	438			5				13	438	451	1 95	10 96	12 91
Agricultural products not enumerated, vegetables..	1					6			1	6	7	0 15	1 20	1 35
Agricultural products not enumerated, animal.....														
Agricultural implements.....														
Barley.....			586		2,402		1,047		586	3,449	4,035	87 90	344 90	432 80
Bricks.....	296	30							296	30	326	37 29	3 93	41 22
Bones.....														
Brimstone.....														
Cement and water lime....	4				17	18			21	18	39	3 15	3 60	6 75
Clay, lime and Sand.....	298				95		2,615	393	2,615	3,008	3,008	23 61	198 01	221 62
Coal.....	8				45,032	992	1,360	45,040	2,352	47,392	47,392	9,008 00	470 40	9,478 40
Corn.....		618				60,545		102,346		163,509	163,509		16,350 90	16,350 90
Cattle.....														
Cotton (raw).....														
Crockery and earthenware..	11								11		11	1 65		1 65
Dye wood and dye stuffs...														
Fish.....					342				342		342	51 30		51 30
Flax and hemp.....					470				470		470	70 50		70 50
Flour.....		2,012				7,966		990		10,968	10,968		1,877 55	1,877 55
Furniture.....		1	1		30			1	31	2	33	4 65	0 37	5 02
Gypsum.....														
Glass (all kinds).....	20							10	20	10	30	3 00	2 00	5 00
Hay (pressed).....		1								1	1		0 18	0 18
Hogs.....														
Horses.....	24	25	2		5	4			31	29	60	1 51	1 43	2 94
Hides and skins, horns and hoofs.....							51				51	7 65		7 65

Ice.....														
Iron, railway.....														
" pig.....						1,792		1,792	1,792		358 40		358 40	
" all other.....	46	60	3	239	714	5,336	288	6,110	6,398	41 63	1,211 50		1,253 13	
Iron ore.....						58,400		58,400	58,400		2,920 00		2,920 00	
Kryolite chemical ore and other ore, except iron.....														
Lard and lard oil.....	9				1,588		9	1,588	1,597	1 35	317 60		318 95	
Meal, all kinds.....					14,244			14,244	14,244		2,848 80		2,848 80	
Meats, other than pork.....														
Marble.....				863			863		863	129 45			129 45	
Manilla.....				174			174		174	26 10			26 10	
Molasses.....				212	57		21	212	78	290	31 80	15 60	47 40	
Nails.....	11						11			11	0 60		0 60	
Oats.....	799	143			39,706		407	799	40,256	41,055	119 85	4,032 93	4,152 78	
Oil (in barrels).....	33	19,209	1	139	17		726	173	19,952	20,125	25 69	3,990 40	4,016 09	
Oil cake.....					2,705				2,705			541 00	541 00	
Pease.....		115			4				119	119		11 90	11 90	
Potatoes.....		1							1	1		0 17	0 17	
Pork.....	20				117		20	117	137	3 00	23 40		26 40	
Paint.....	6			20	36		2	26	38	64	3 90	7 60	11 50	
Pitch and tar.....	11						24	11	24	35	0 47	4 80	5 27	
Rags.....	70							70		70	1 32		1 32	
Rye.....		232			2,149		1,157		3,538	3,538		353 80	353 80	
Rosin.....	14							14		14	0 27		0 27	
Salt.....	1	229					303	1	532	533	0 15	98 28	98 43	
Stone intended for cutting. " wrought.....				21				21		21	3 15		3 15	
" not suitable for cutting, unwrought.....	271							271		271	16 84		16 84	
Seeds, all kinds.....	11							11		11	1 65		1 65	
Sheep.....														
Soda ash.....	9			61			15	70	15	85	9 32	3 00	12 32	
Steel.....	60			122	3,110		4,911	182	8,021	8,203	19 45	1,604 20	1,623 65	
Sugar.....	47			13,192	154			13,239	154	13,393	1,981 26	30 80	2,012 06	
Spirits, beer, &c.....	47				1			47	1	48	7 05	0 20	7 25	
Tobacco (raw).....														
Tallow.....				640	631			640	631	1,271	96 00	126 20	222 20	
Tin.....														
Turpentine.....														
Wheat.....		89,374			18,771		29,655		137,800	137,800		13,809 21	13,809 21	
White lead.....	1						16	1	16	17	0 15	3 20	3 35	
Whiting.....														
Wool.....														
All other goods and merchandise not enumerated.....	2,245	2,362	47	37,744	7,899		2,605	40,036	12,866	52,902	5,750 04	1,869 60	7,619 64	
Bark.....														
Barrels, (empty).....	30	619		7	5		16	37	640	677	2 05	120 77	122 82	
Boat knees.....														
Floats.....														

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.				
												\$ cts.	\$ cts.	\$ cts.
Fire wood, in vessels.....	405	5,817	1,671						2,076	5,817	7,893	92 91	328 45	421 36
" " in rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..	72	14,758		4,144		55,128		3,362	72	77,392	77,464	11 54	13,871 17	13,882 71
" " rafts.....		4								4	4		0 30	30
Masts, spars, and telegraph poles, in vessels.....	9								9		9	1 80		1 80
Masts, spars, and telegraph poles, in rafts.....	6								6		6	0 65		0 65
Railway ties, in vessels....	1,563								1,563		1,563	124 88		124 88
" " in rafts.....														
Saw logs.....	415	3,507	2,999	161					3,414	3,668	7,082	69 24	209 32	278 56
Staves and headings, barrel pipe.....		741		39						780	780		37 41	37 41
" " " West Indies.....														
" salt barrel.....														
Shingles.....		97								97	97		67 49	67 49
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	42	5,629			10			14,638	52	20,267	20,319	3 82	3,038 94	3,042 76
" " in rafts.....														
Traverses.....									71					
Woodenware and wood partly manufactured....	2				69						71	28 40		28 40
Total freight paying tolls..	6,925	146,034	5,310	4,344	99,560	218,969		231,783	111,795	601,130	712,925	17,908 09	71,129 87	89,037 96



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

20—  
v—  
6

Bricks . . . . .	20		29					49		49	
Cement and water lime . . . . .	759		1,172					1,931		1,931	
Clay lime and sand . . . . .	114		2					116		116	
Crockery and earthenware . . . . .	5							5		5	
Fish . . . . .			8					8		8	
Furniture . . . . .			1					1		1	
Glass . . . . .	14		442					456		456	
Iron, railing . . . . .			74					74		74	
Iron, pig . . . . .			3					3		3	
Iron, all other . . . . .	278		1,191					1,469		1,469	
Nails . . . . .	83		110					193		193	
Oils . . . . .	1		73					74		74	
Paint . . . . .	6		6					12		12	
Pitch and tar . . . . .	21							21		21	
Pork . . . . .	1							1		1	
Salt . . . . .			48					48		48	
Seeds . . . . .	5		213					218		218	
Soda ash . . . . .			69					69		69	
Sugar . . . . .	172		300					472		472	
Tin . . . . .			117					117		117	
White lead . . . . .	2		2					4		4	
Whiting . . . . .	5		34					39		39	
Whiskey . . . . .	8		287					295		295	
Merchandise . . . . .	214		546					760		760	
Grand total freight . . . . .	8,633	146,034	10,037	4,344	99,560	218,969	231,783	118,230	601,130	719,360	

Total tolls on vessels . . . . .	7,172 99	7,225 02	14,398 01
" passengers . . . . .	328 08	352 91	680 69
" free goods . . . . .	\$935 87		

Total tolls . . . . .	25,409 16	78,707 80	104,116 96
Fines . . . . .			70 00
Damages . . . . .			
Harbour dues . . . . .			22 04
Other receipts . . . . .			84 80

Total revenue, exclusive of hydraulic rents . . . . . 104,293 80

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

RICHARD DEVLIN,  
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 2.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal and the Amount of Tolls collected during the Season of Navigation in 1900.

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.....		12						28		40	40		8 00	8 00
Apples.....	8				5				13		13	1 95		1 95
Agricultural products not enumerated, vegetable...	1					6			1	6	7	0 15	1 20	1 35
Agricultural products not enumerated, animal.....														
Barley.....			586			2,402		1,047	586	3,449	4,035	87 90	344 90	432 80
Bricks.....	156								156		156	23 40		23 40
Bones.....														
Brimstone.....														
Buckwheat.....														
Cement and water lime....	4				17	18			21	18	39	3 15	3 60	6 75
Clay, lime and sand.....					95				95	15	110	14 25	3 00	17 25
Coal.....	8				45,032	992		1,360	45,040	2,352	47,392	9,008 00	470 40	9,478 40
Corn.....		618				60,545		102,346		163,509	163,509		16,350 90	16,350 90
Cattle.....														
Cotton, raw.....														
Crockery and earthenware.	11								11		11	1 65		1 65
Dye wood and dye stuffs...														
Fish.....					342				342		342	51 30		51 30
Flax and Hemp.....					470				470		470	70 50		70 50
Flour.....						7,966		990		8,956	8,956		1,791 20	1,791 20
Furniture.....			1		30			1	31	1	32	4 65	0 20	4 85
Gypsum.....														
Glass (all kinds).....	20							10	20	10	30	3 00	2 00	5 00
Hay, pressed.....														
Hogs.....														
Horses.....			2		5	4			7	4	11	1 05	0 80	1 85
Hides and skins, horns and hoofs.....														
					51				51		51	7 65		7 65



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.				
												\$ cts.	\$ cts.	\$ cts.
Floats .....														
Fire wood, in vessels.....		1,143	1,256						1,296	1,143	2,439	86 40	76 20	162 60
" " rafts.....														
Hoops .....														
Hop Poles .....														
Lumber, sawn, in vessels ..	50	13,955	4,144		55,128		3,362		50	76,589	76,639	9 00	13,780 95	13,789 95
" " 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.....		3								3	3		0 40	0 40
" " West India														
Staves, salt barrel.....														
Shingles .....		90								90	90		64 68	64 68
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	12	5,629			10		14,638		22	20,267	20,289	3 25	3,038 94	3,042 19
" " rafts.....														
Traverses.....														
Woodenware and wood partly manufactured....	2				69				71		71	28 40		28 40
Total freight paying tolls	1,527	129,497	1,947	4,144	99,560	218,969	226,702		103,034	579,312	682,346	17,618 55	69,767 29	87,385 84

Articles having paid full tolls on the St. Lawrence Canals, free:—													
Bricks	20		29					49	49				
Cement and water lime	759		1,172					1,931	1,931				
Clay, lime and sand	2		2					4	4				
Crockery and earthenware	5							5	5				
Fish			8					8	8				
Furniture			1					1	1				
Glass	14		442					456	456				
Iron, railway			74					74	74				
Iron, pig			3					3	3				
Iron, all other	237		1,191					1,428	1,428				
Nails	70		110					180	180				
Oils	1		73					74	74				
Paint	6		6					12	12				
Pitch and tar	21							21	21				
Pork	1							1	1				
Salt			48					48	48				
Seed	5		213					218	218				
Soda ash			69					69	69				
Sugar	130		300					430	430				
Tin			117					117	117				
White lead	2		2					4	4				
Whiting	2		34					39	39				
Whisky	8		287					295	295				
Merchandise	198		546					744	744				
Grand total through freight	3,011	129,497	6,674	4,144	99,560	218,969	226,702	109,245	579,312	688,557			
Total through tolls on vessels											6,816 66	6,875 82	13,692 48
" " passengers											50 00	53 55	103 55
" " free goods										\$931.65			
											24,485 21	76,696 66	101,181 87

RICHARD DEVLIN,  
*Compiler of Canal Statistics*

DEPARTMENT OF RAILWAYS AND CANALS,  
 OTTAWA, September 9, 1901.

APPENDIX A—Continued.

No. (A) 3.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal, and the Amount of Tolls Collected, during the Season of Navigation in 1900.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl .....												\$ cts.	\$ cts.	\$ cts.
Apples .....		438								438	438		10 96	10 96
Agricultural products not enumerated, vegetables .....														
Agricultural products not enumerated, animal .....														
Agricultural implements .....														
Barley .....														
Bricks .....	140	30							140	30	170	13 89	3 93	17 82
Bones .....														
Brimstone .....														
Buckwheat .....														
Cement and water lime .....														
Clay, lime and sand .....	298							2,600	298	2,600	2,898	9 36	195 01	204 37
Coal .....														
Corn .....														
Cattle .....														
Cotton (raw) .....														
Crockery and earthenware .....														
Dye wood and dye stuffs .....														
Fish .....														
Flax and hemp .....														
Flour .....		2,012								2,012	2,012		86 35	86 35
Furniture .....		1								1	1		0 17	0 17
Gypsum .....														
Glass (all kinds) .....														
Hay (pressed) .....		1								1	1		0 18	0 18
Hogs .....														
Horses .....	24	25							24	25	49	0 46	0 63	1 09

Hides and skins, horns and hoofs											
Ice											
Iron, railway											
" pig											
Iron, all other	12	60				12	60	72	0 23	1 50	1 73
Iron ore											
Kryolite chemical ore and other ore, except iron											
Lard and lard oil											
Meal, all kinds											
Meat, other than pork											
Marble											
Manilla											
Molasses											
Nails	8					8		8	0 15		0 15
Oats		143					143	143		21 63	21 63
Oil (in barrels)	2					2		2	0 04		0 04
Oil Cake											
Pease											
Potatoes		1					1	1		0 17	0 17
Pork											
Paint											
Pitch and tar	9					9		9	0 17		0 17
Rags	70					70		70	1 32		1 32
Rye											
Flax Seed											
Rosin	14					14		14	0 27		0 27
Salt					65		65	65		4 88	4 88
Stone intended for cutting											
" wrought											
Stone, not suitable for cutting, unwrought	271					271		271	16 84		16 84
Seeds, all kinds											
Sheep											
Soda ash	9					9		9	0 17		0 17
Steel	60					60		60	1 15		1 15
Sugar	35					35		35	0 66		0 66
Spirits, beer, &c.											
Tobacco (raw)											
Tallow											
Tin											
Turpentine											
Wheat		1,753					1,753	1,753		204 51	204 51
White Lead											
Whiting											
Wool											
All other goods and merchandise not enumerated	1,955	2,310			2,400	1,955	4,710	6,665	37 89	238 40	276 29
Bark											

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 1900.—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.	\$ cts.
Barrels, empty.....	30	30					16	30	46	76	0 75	2 35	3 10	
Boat knees.....														
Floats.....														
Fire wood, in vessels.....	405	4,674	375					780	4,674	5,454	6 51	252 25	258 76	
" " rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..	22	803						22	803	825	2 54	90 22	92 76	
" " Rafts.....		4							4	4		0 30	0 30	
Masts, spars, and telegraph poles, in vessels.....	9							9		9	1 80		1 80	
Masts, spars, and telegraph poles, Rafts.....	6							6		6	0 65		0 65	
Railway ties, in vessels.....	1,563							1,563		1,563	124 88		124 88	
" " rafts.....														
Saw logs.....	415	3,507	2,999	161				3,414	3,668	7,082	69 24	209 32	278 56	
Staves and headings, barrel.....		738		39					777	777		37 01	37 01	
" " West India.....														
Staves, salt barrel.....														
Shingles.....		7							7	7		2 81	2 81	
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	30							30		30	0 57		0 57	
" " rafts.....														
Traverses.....														
Woodenware and wood partly manufactured.....														
Total freight paying tolls..	5,387	16,537	3,374	200				5,081	8,761	21,818	30,579	289 54	1,362 58	1,652 12



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

Clay, lime and sand. ....	112							112		112	
Iron, all other. ....	41							41		41	
Merchandise. ....	16							16		16	
Nails. ....	13							13		13	
Sugar. ....	42							42		42	
Grand total way freight. ...	5,611	16,537	3,374	260				5,081	8,985	21,818	30,803

Total way tolls on vessels. ....		356 33	349 20	705 53
"    "    passengers. ....		278 08	299 36	577 44
"    "    free goods. ....	\$4.22			
Total way tolls. ....		923 95	2,011 14	2,935 09

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

APPENDIX A—Continued.

No. (A) 4—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals and the Amount of Revenue collected during the Season of Navigation in 1900.

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	80	34							80	34	114	16 00	6 80	22 80
Apples	7	4,632							7	4,632	4,639	0 70	675 21	675 91
Agricultural products not enumerated, vegetables	202	1,387	55						257	1,387	1,644	31 49	206 73	238 22
" " animal	1,290	1,780							1,290	1,780	3,070	72 34	242 53	314 87
Agricultural implements	55	12							55	12	67	7 49	0 90	8 39
Barley	210	19,598							210	19,598	19,808	5 69	1,324 89	1,330 58
Bricks	12,654	403	59				45		12,758	403	13,161	853 38	15 13	868 51
Bones		357								357	357		47 82	47 82
Brimstone	622		131						753		753	74 61		74 61
Buckwheat	131	1,028							131	1,028	1,159	3 28	58 86	62 14
Cement and water lime	5,714	352	651				190		6,555	352	6,907	802 30	25 91	828 21
Clay, lime and sand	11,753	20,548	9				2,451		14,213	20,548	34,761	591 37	928 86	1,520 23
Coal		127,310				672	179,415			307,397	307,397		43,941 82	43,941 82
Corn	240	172,923					1,691		240	174,614	174,854	6 08	4,566 91	4,572 99
Cattle	22	264							22	264	286	1 74	20 03	21 77
Cotton (raw)														
Crockery and earthenware	73	12							73	12	85	12 34	2 40	14 74
Dye wood and dye stuffs	4						14		18		18	1 40		1 40
Fish	50	1	8						58	1	59	7 72	0 15	7 87
Flax and hemp		941								941	941		23 53	23 53
Flour	576	11,106							576	11,106	11,682	35 62	771 90	807 52
Furniture	457	1,126	1						458	1,126	1,584	83 43	194 35	277 78
Gypsum	1,414								1,414		1,414	17 69		17 69
Glass (all kinds)	493	72	449						942	72	1,014	175 34	12 70	188 04
Hay (pressed)	825	466		701					825	1,167	1,992	31 03	114 61	145 64
Hogs	1	41							1	41	42	0 08	3 19	3 27
Horses	195	362							195	362	557	10 41	23 58	33 99
Hides and skins, horns and hoofs	26	18							26	18	44	2 93	0 80	3 73



No. (A) 4.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue Collected, during the Season of Navigation of 1900.—*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.
Boat knees.....														
Floats.....	45	4							45	4	49	0 79	0 07	0 86
Fire wood, in vessels.....	3,336	5,322						75	3,336	5,397	8,733	55 60	109 95	165 55
" " rafts.....														
Hoops.....	1	1							1	1	2	0 10	0 15	0 25
Hop poles.....		84								84	84	0 50	0 50	50
Lumber, sawn, in vessels..	33,395	6,211	2,827	4				367	36,222	6,582	42,804	1,543 73	211 76	1,755 49
" " rafts.....	17	962							17	962	979	0 75	42 05	42 80
Masts, spars, and telegraph poles, in vessels.....	5								5		5	0 13		0 13
Masts, spars, and telegraph poles, in rafts.....		20,487								20,487	20,487		512 30	512 33
Railway ties, in vessels....	126	44							126	44	170	5 00	0 88	5 88
" " rafts.....														
Saw logs.....	9	566							9	566	575	0 25	12 86	13 11
Staves and headings, barrel pipe.....														
" " West India.....														
Staves, salt barrel.....														
Shingles.....		25								25	25		4 50	4 50
Split posts and fence rails, in vessels.....		1			2				2	1	3	0 20	0 10	0 30
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	10	488						150	10	638	648	0 13	8 94	9 07
" " rafts.....	700	4,394							700	4,394	5,094	17 50	110 05	127 55
Traverses.....		100								100	100		1 25	1 25
Woodenware and wood partly manufactured....	51	9							51	9	60	16 00	1 80	17 80
Total freight paying tolls.	100,468	635,356	7,587	705	290	1,177	8,395	184,342	126,740	821,580	948,320	9,764 32	64,116 48	73,880 80

<i>Free Articles, having paid full tolls on the Welland Canal:</i>												
Ashes	15						10	25	25			
Barley	1,084						204	1,288	1,288 ✓			
Barrels	182							182	182			
Clay, lime and sand							15	15	15 ✓			
Corn	92,211						21,104	113,315	113,315 ✓			
Flour	605						990	1,595	1,595			
Furniture							1	1	1			
Glass							6	6	6			
Iron (pig)	508							508	508			
" (all other)	50						4,242	4,292	4,292			
Kryolite							42	42	42			
Lumber, sawn, in vessels	15,073						687	15,760	15,760			
Merchandise	16						87	103	103			
Oats	1,020						7,905	8,925	8,925 ✓			
Oils	15,330						317	15,647	15,647			
Pease	115							115	115 ✓			
Rye	831						2,247	3,078	3,078 ✓			
Steel	880						4,540	5,420	5,420 ✓			
Wheat	112,226						10,345	122,571	122,571 ✓			
White head							16	16	16			
Coal, free, per Order in Council	57,714					9,441		67,155	67,155 ✓			
<i>Free articles for canal construction, O.C., 1884:</i>												
Coal							687	687	687			
Grand total, freight	168,182	875,502	7,587	705	290	1,177	17,836	237,787	193,895	1,115,171	1,309,066	
Total tolls on vessels										10,990 46	8,396 54	19,387 00
" passengers										1,106 42	2,532 36	3,638 78
" free goods										\$34,758.81		
Total tolls										21,861 20	75,045 38	96,906 58
Fines										34 00		
*Damages										1,420 52		
Wharfage and storage										5,011 74		
Other receipts												
Total revenue, exclusive of hydraulic rents										103,372 84		

\*Amount of damages not included in above, \$115.

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

RICHARD DEVLIN,  
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Through Article transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation of 1900.

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 .....	80	34							80	34	114	16 00	6 80	22 80
Apples .....		4,451								4,451	4,451		667 65	667 65
Agricultural products not enumerated, vegetables..	114	1,375	55						169	1,375	1,544	25 35	206 25	231 60
Agricultural products not enumerated, animal.....	56	1,487							56	1,487	1,543	8 40	223 05	231 45
Agricultural implements...	1	1							1	1	2	0 20	0 20	0 40
Barley.....		11,130								11,130	11,130		1,113 00	1,113 00
Bricks.....	2,394		59						2,453		2,453	367 95		367 95
Bones.....		14								14	14		2 10	2 10
Brimstone.....	27		131						158		158	23 70		23 70
Buckwheat.....		434								434	434		43 40	43 40
Cement and water lime....	3,124	14	651						3,775	14	3,789	566 25	2 10	568 35
Clay, lime and sand.....	380	865	9						389	865	1,254	58 35	129 75	188 10
Coal .....		117,222					162,947			280,169	280,169		42,025 35	42,025 35
Corn.....		976					1,691			2,667	2,667		266 70	266 70
Cattle .....	3							3		3	3	0 45		0 45
Cotton (raw).....														
Crockery and earthenware..	36	12						36	12	48	48	7 20	2 40	9 60
Dye wood and dye stuffs...	3							3		3	3	0 60		0 60
Fish.....	32	1	8					40	1	41	41	6 00	0 15	6 15
Flax and Hemp.....														
Flour.....	7	2,220						7	2,220	2,227	2,227	1 05	333 00	334 05
Furniture.....	329	875	1					330	875	1,205	1,205	66 00	175 00	241 00
Gypsum .....														
Glass (all kinds).....	294	55	449					743	55	798	798	148 60	11 00	159 60
Hay (pressed).....		1							1	1	1		0 15	0 15
Hogs.....														
Horses.....		67								67	67		8 55	8 55



No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Through Article transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1900.—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.				
Barrels, empty.....	123								123		123	\$ cts. 23 32	\$ cts.	\$ cts. 23 32
Boat knees.....														
Floats.....														
Fire wood, in vessels.....														
" " rafts.....														
Hoops.....														
Hop Poles.....														
Lumber, sawn, in vessels..	210	234	2,827				367	3,037	601	3,638	273 30	51 00	327 30	
" " 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.....														
" " West India.....														
Staves, salt barrel.....														
Shingles.....														
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....									1	1		0 33	0 33	
Timber, square, in vessels.....		1												
" " rafts.....														
Traverses.....														
Woodenware and wood partly manufactured....	28							28		28	11 20		11 20	
Total freight paying tolls..	22,400	181,761	7,569				167,613	29,969	349,374	379,343	5,035 27	50,018 33	55,053 60	



Free articles having paid full tolls on the Welland Canal:										
20—V—7	Ashes	15					10	25	25	
	Barley	1,084					204	1,288	1,288	
	Clay, lime and sand						15	15	15	
	Corn	88,255					21,104	109,359	109,359	
	Flour	605					990	1,595	1,595	
	Furniture						1	1	1	
	Glass						6	6	6	
	Iron, pig	508						508	508	
	" all other	56					4,242	4,292	4,292	
	Merchandise	16					87	103	103	
	Oats	1,020					7,905	8,925	8,925	
	Oils	15,330					317	15,647	15,647	
	Pease	115						115	115	
	Rye	831					2,247	3,078	3,078	
	Steel	880					4,540	5,420	5,420	
	Wheat	111,551					10,345	121,896	121,896	
	White lead						16	16	16	
	Barrels (empty)	182						182	182	
	Lumber, sawn, in vessels	15,073					687	15,760	15,760	
	Coal, free per Order in Council	10						10	10	
	Grand total freight..	22,410	417,276	7,569			220,329	667,584	29,979	667,584
Total tolls on vessels.....										
" passengers.....										
" free goods..... \$30,864.41										
Total through tolls.....										
12,170 87 57,724 19 69,895 06										

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

DEPARTMENT OF RAILWAYS AND CANALS,  
 OTTAWA, September 9, 1901.

## APPENDIX A—Continued.

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1900.

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.....	7	181							7	181	188	0 70	7 56	8 26
Agricultural products not enumerated, vegetables..	88	12							88	12	100	6 14	0 48	6 62
Agricultural products not enumerated, animal....	1,234	293							1,234	293	1,527	63 94	19 48	83 42
Agricultural implements...	54	11							54	11	65	7 29	0 70	7 99
Barley.....	210	8,468							210	8,468	8,678	5 69	211 89	217 58
Bricks.....	10,260	403					45		10,305	403	10,708	485 43	15 13	500 56
Bones.....		343								343	343		45 72	45 72
Brimstone.....	595								595		595	50 91		50 91
Buckwheat.....	131	594							131	594	725	3 28	15 46	18 74
Cement and water lime....	2,590	338					190		2,780	338	3,118	236 05	23 81	259 86
Clay, lime and sand.....	11,373	19,683					2,451		13,824	19,683	33,507	533 02	799 11	1,332 13
Coal.....		10,088				672		16,468		27,228	27,228		1,916 47	1,916 47
Corn.....	240	171,947							240	171,947	172,187	6 08	4,300 21	4,306 29
Cattle.....	19	264							19	264	283	1 29	20 03	21 32
Cotton (raw).....														
Crockery and earthenware.	37								37		37	5 14		5 14
Dye wood and dye stuffs...	1						14		15		15	0 80		0 80
Fish.....	18								18		18	1 72		1 72
Flax and hemp.....		941								941	941		23 53	23 53
Flour.....	569	8,886							569	8,886	9,455	34 57	438 90	473 47
Furniture.....	128	251							128	251	379	17 43	19 35	36 78
Gypsum.....	1,414								1,414		1,414	17 69		17 69
Glass, all kinds.....	199	17							199	17	216	26 74	1 70	28 44
Hay, pressed.....	825	465		701					825	1,166	1,991	31 03	114 46	145 49
Hogs.....	1	41							1	41	42	0 08	3 19	3 27
Horses.....	195	305							195	305	500	10 41	15 03	25 44

Hides and skins, horns and hoofs.....	14	17						14	17	31	1 13	0 65	1 78	
Ice.....														
Iron, railway.....	137	233			54			191	233	424	8 18	9 46	17 64	
Iron, pig.....	117	151			681			798	151	949	34 68	5 67	40 35	
Iron, all other.....	1,946	619			548			2,494	619	3,113	120 85	26 35	147 20	
Iron ore.....														
Kryolite chemical ore and other ore, except iron.....		307							307	307		34 54	34 54	
Lard and lard oil.....	63	1,746						63	1,746	1,809	6 22	86 72	92 94	
Meal, all kinds.....	86	438						86	438	524	4 92	21 29	26 21	
Meats, other than pork.....	5							5		5	0 50		0 50	
Marble.....														
Manilla.....	6							6		6	1 14		1 14	
Molasses.....	298	174						298	174	472	46 85	8 70	55 55	
Nails.....	219	237						219	237	456	34 74	11 85	46 59	
Oats.....	1,315	36,376						1,315	36,376	37,691	33 89	944 88	978 77	
Oil, in barrels.....	1,729	87			76			1,805	87	1,892	110 31	4 35	114 66	
Oil cake.....														
Pease.....	7	877						7	877	884	0 18	22 90	23 08	
Potatoes.....	69	18						69	18	87	2 71	1 32	4 03	
Pork.....	204	422						204	422	626	19 73	21 10	40 83	
Paint.....	56	61			34			90	61	151	10 45	3 10	13 55	
Pitch and tar.....	66	25			196			262	25	287	21 35	1 25	22 60	
Rags.....	407	115						407	115	522	59 40	10 90	70 30	
Rye.....		4,009							4,009	4,009		100 25	100 25	
Flax seed.....		3,779							3,779	3,779		94 96	94 96	
Rosin.....	27	18			1,665			1,692	18	1,710	86 13	0 90	87 03	
Salt.....	1,923	92						1,923	92	2,015	193 52	3 50	197 02	
Stone intended for cutting.....	278	22			765			1,043	22	1,065	39 82	0 84	40 66	
Stone, wrought.....	4	15						4	15	19	0 40	0 57	0 97	
Stone not suitable for cut- ting, unwrought.....	30	2,090						30	2,090	2,120	0 60	41 55	42 15	
Seeds, all kinds.....	2,806	29						2,806	29	2,835	107 31	1 43	108 74	
Sheep.....		105							105	105		8 10	8 10	
Soda ash.....	25				32			57		57	4 55		4 55	
Steel.....	92	8						92	8	100	5 86	0 31	6 17	
Sugar.....	987	40			561			1,548	40	1,588	168 15	2 00	170 15	
Spirits, beer, &c.....	196	24						196	24	220	30 49	1 30	31 79	
Tobacco, raw.....	21	134						21	134	155	2 10	10 05	12 15	
Tallow.....		373							373	373		18 65	18 65	
Tin.....	54							54		54	8 10		8 10	
Turpentine.....		2			273			273	2	275	13 65	0 10	13 75	
Wheat.....	2,360	136,308						2,360	136,308	138,668	109 32	3,408 04	3,517 36	
White lead.....	19	17						19	17	36	3 43	0 85	4 28	
Whiting.....	88	3						88	3	91	9 79	0 15	9 94	
Wool.....	2							2		2	0 08		0 08	
All other goods and mer- chandise not enumerated.....	4,294	2,498	18		288	505	810	36	5,410	3,039	8,449	501 32	225 50	726 82
Bark.....														

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1900—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.				
Barrels, empty.....	473	132							473	132	605	\$ 26 09	\$ 9 03	\$ 35 12
Boat knees.....														
Floats.....	45	4							45	4	49	0 79	0 07	0 86
Fire wood, in vessels....	3,336	5,322						75	3,336	5,397	8,733	55 60	109 95	165 55
" " rafts.....														
Hoops.....	1	1							1	1	2	0 10	0 15	0 25
Hop poles.....		84								84	84		0 50	0 50
Lumber, sawn, in vessels..	33,185	5,977		4					33,185	5,981	39,166	1,270 43	157 76	1,428 19
Lumber, sawn, in rafts....	17	962							17	962	979	0 75	42 05	42 80
Masts, spars and telegraph poles, in vessels.....	5								5		5	0 13		0 13
Masts, spars and telegraph poles, in rafts.....		20,487								20,487	20,487		512 30	512 30
Railway ties, in vessels....	126	44							126	44	170	5 00	0 88	5 88
" " rafts.....														
Saw logs.....	9	566							9	566	575	0 25	12 86	13 11
Staves and headings, barrel pipe.....														
" " West India.....														
Staves, salt barrel.....														
Shingles.....		25								25	25		4 50	4 50
Split posts and fence rails, in vessels.....		1			2				2	1	3	0 20	0 10	0 30
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..	10	487					150		10	637	647	0 13	8 61	8 74
Timber, square, in rafts....	700	4,394							700	4,394	5,094	17 50	110 05	127 55
Traverses.....		100								100	100		1 25	1 25
Woodenware and wood partly manufactured....	23	9							23	9	32	4 80	1 80	6 60
Total freight paying tolls	88,068	453,595	18	705	290	1,177	8,395	16,729	96,771	472,206	568,977	4,729 05	14,098 15	18,827 20

Free articles having paid full tolls on the Welland Canal:

Corn.....	3,956									3,956	3,956
Kyrolite.....							42			42	42
Wheat.....	675									675	675
Coal, free, per Order in Council.....	57,704					9,441		67,145			67,145
<i>Free articles for canal construction, O. C., 1884:</i>											
Coal.....							687			687	687
Grand total way freight..	145,772	458,226	18	705	290	1,177	17,836	17,458	163,916	477,566	641,482

Total way tolls on vessels.....	4,457 41	2,486 98	6,944 39
" " passengers.....	503 87	736 06	1,239 93
" " free goods.....	\$3,894 40		
Total way tolls.....	9,690 33	17,321 19	27,011 52

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

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 1900.

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.	Dp.	Down.	Up.	Down.		
												cts.
Ashes, pot and pearl .....		8								8	8	1 52
Apples .....		36								36	36	2 40
Agricultural products not enumerated, vegetables.....		17								17	17	1 42
" " animal.....	14	2,196							14	2,196	2,210	195 01
Agricultural implements.....		2								2	2	0 38
Barley .....		2								2	2	0 12
Bricks .....												
Bones.....		12								12	12	0 72
Brimstone.....												
Buckwheat.....		117								117	117	11 44
Cement and water lime.....	100	33							100	33	133	7 29
Clay, lime and sand.....		1,900								1,900	1,900	47 01
Coal.....												
Corn.....												
Cattle.....		448								448	448	35 20
Cotton (raw).....												
Crockery and earthenware.....												
Dye wood and dye stuffs.....												
Fish.....		3								3	3	0 18
Flax and hemp.....												
Flour .....		11								11	11	1 09
Furniture.....	2	10							2	10	12	1 91
Gypsum.....												
Glass (of all kinds).....		10								10	10	1 90
Hay (pressed).....		1,170								1,170	1,170	108 99
Hogs.....		119								119	119	9 40
Horses.....	17	138							17	138	155	7 07
Hides and skins, horns and hoofs.....		7								7	7	0 46
Ice.....												

Iron, railway	4	426					4	426	430	12 98
" pig	100						100		100	2 00
" all other		36						36	36	2 42
Iron ore										
Kryolite chemical ore and other ore, except iron										
Lard and lard oil		4						4	4	0 08
Meal, all kinds		1						1	1	0 06
Meats, other than pork										
Marble										
Manilla		1						1	1	0 19
Molasses		3						3	3	0 57
Nails										
Oats		1,752						1,752	1,752	133 75
Oil (in barrels)		2						2	2	0 38
Oil cake		5						5	5	0 49
Pease		91						91	91	6 63
Potatoes		114						114	114	7 22
Pork		20						20	20	1 20
Paint		4						4	4	0 76
Pitch and tar		33						33	33	6 27
Rags		41						41	41	7 52
Rye		3						3	3	0 30
Flax seed										
Rosin										
Salt										
Stone intended for cutting										
" wrought										
" not suitable for cutting, unwrought										
Seeds, all kinds		4						4	4	0 40
Sheep		269						269	269	23 55
Soda Ash										
Steel										
Sugar										
Spirits, Beea, &c										
Tobacco (raw										
Tallow		17						17	17	1 64
Tin		1						1	1	0 19
Turpentine										
Wheat										
White lead		1						1	1	0 19
Whiting										
Wool										
All other goods and merchandise not enumerated	2	982					2	982	984	126 83
Bark										
Barrels, empty		56						56	56	6 43
Boat knees										
Floats		31,805						31,805	31,805	267 48
Firewood, in vessels		11,292						11,292	11,292	316 58
" rafts		440						440	440	10 31
Hoops		3						3	3	0 26

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

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Hop poles .....												
Lumber, sawn, in vessels.....		260,701		41,151						301,852	301,852	21,101 55
" " rafts .....		230								230	230	1 80
Masts, spars and telegraph poles, in vessels.....												
" " rafts.....												
Railway ties, in vessels.....		1,192								1,192	1,192	213 81
" " rafts.....												
Saw logs .....		3,859								3,859	3,859	83 88
Staves and heading, barrel.....												
" " pipe.....												
" " West India .....												
Staves, salt barrel .....												
Shingles.....		13		17						30	30	17 78
Split posts and fence rails, in vessels.....												
" " rafts.....												
Timber, square, in vessels.....		1,244								1,244	1,244	15 32
" " rafts.....		4,500								4,500	4,500	47 22
Traverses .....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	239	325,384		41,168					239	366,552	366,791	22,851 55
<i>Free per Order in Council, June 27, 1890.</i>												
Floats.....		12,764								12,764	12,764	
Firewood, in rafts .....	60	600							60	600	660	
Lumber, sawn, in rafts.....		50								50	50	
Timber, square .....		6,800								6,800	6,800	
Saw logs.....		2,080								2,080	2,080	
Freight, grand total.....	299	347,678		41,168					299	388,846	389,145	



Total tolls on vessels.....		2,602 63
" passengers.....		171 10
" free goods.....	\$235 43	
Total revenue exclusive of hydraulic rents .....		25,625 28

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

DEPARTMENT OF RAILWAYS AND CANALS,  
 OTTAWA, September 9, 1901.

APPENDIX A—Continued.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected during the Season of Navigation in 1900.

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		345						92		437	437	25 02
Agricultural products not enumerated, vegetables												
" " " animal.												
Agricultural implements												
Barley		48								48	48	1 61
Bricks	118							709	118	709	827	80 91
Bones												
Brimstone												
Buckwheat												
Cement and water lime								822		822	822	82 20
Clay, lime and sand	190							4,591	190	4,591	4,781	511 31
Coal		330						92,268		92,598	92,598	9,072 90
Corn												
Cattle	1	90							1	90	91	3 24
Cotton (raw)												
Crockery and earthenware		18								5	23	2 30
Dye wood and dye stuffs								25		25	25	2 50
Fish												
Flax and hemp												
Flour	524									524	524	17 78
Furniture												
Gypsum												
Glass (all kinds)								17		17	17	161
Hay (pressed)	1,864	1,781	15,389	68				105	17,253	1,954	19,207	1,495 82
Hogs												
Horses	5	47							1	5	48	1 94
Hides and skins, horns and hoofs												
Ice												
Iron, railway												

" pig.....						861		861	861	86 10
" all other.....	174					1,531	174	1,531	1,705	165 02
" ore.....										
Kryolite chemical ore and other ore, except iron.....										
Lard and lard oil.....						11		11	11	1 10
Meal, all kinds.....										
Meats, other than pork.....										
Marble.....										
Manilla.....										
Molasses.....	86						86		86	2 93
Nails.....										
Oats.....		3,867						3,867	3,867	129 07
Oil (in barrels).....	47					65	47	65	112	8 19
Oil cake.....										
Pease.....		77						77	77	2 60
Potatoes.....		62						62	62	2 17
Pork.....										
Paint.....						66		66	66	6 51
Pitch and tar.....						1,770		1,770	1,770	177 00
Rags.....										
Rye.....										
Flax seed.....										
Rosin.....						1,954		1,954	1,954	195 40
Salt.....	192					313	192	313	505	37 75
Stone intended for cutting.....										
" wrought.....		54						54	54	0 88
" not suitable for cutting, unwrought.....						5,385		5,385	5,385	316 13
Seeds (all kinds).....	28		1			1	29	1	30	1 17
Sheep.....		123						123	123	4 24
Soda ash.....						181		181	181	13 14
Steel.....						157		157	157	15 70
Sugar.....	7					928	7	928	935	93 04
Spirits, beer, &c.....										
Tobacco (raw).....										
Tallow.....										
Tin.....										
Turpentine.....						273		273	273	27 30
Wheat.....										
White lead.....										
Whiting.....										
Wool.....										
All other goods and merchandise not enumerated.....	1,104	468	2,586		25	1,508	3,715	1,976	5,691	450 71
Bark.....										
Barrels, empty.....	10	33					10	33	43	4 32
Boat knees.....										
Floats.....										
Fire wood, in vessels.....		1,086	161,178				161,178	1,086	162,264	5,429 68
" 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.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels .....		39	39,596						39,596	39	39,635	\$ 2,315 61
" " rafts .....												
Masts, spars, and telegraph poles, in vessels.....												
" " " " rafts .....												
Railway ties, in vessels.....			3,261						3,261		3,261	260 41
" " raft.....												
Saw logs.....												
Staves and headings, barrel .....												
" " pipe .....												
" " West India.....												
Staves, salt barrel .....												
Shingles.....												
Split posts and fence rails, in vessels.....												
" " " " rafts .....												
Timber, square, in vessels.....												
" " " " rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls .....	4,350	8,468	222,011	68			25	113,639	226,386	122,175	348,561	21,045 31
Total tolls on vessels.....												3,128 63
" " passengers .....												32 41
" fines .....												14 00
Total revenue exclusive of hydraulic rents .....												24,220 35

APPENDIX A—Continued.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, and the Amount of Revenue collected during the Season of Navigation in 1900.

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.....		15								15	15	2 56
Apples.....	2	157							2	157	159	3 86
Agricultural products not enumerated, vegetables.....	12	1							12	1	13	0 33
" " animal.....	303	779							303	779	1,082	29 20
Agricultural implements.....	37	102							37	102	139	15 29
Barley.....												
Bricks.....	1,393	288							1,393	288	1,681	39 52
Bones.....	3	8							3	8	11	0 48
Brimstone.....												
Buckwheat.....		63								63	63	2 70
Cement and waterlime.....	1,168	17							1,168	17	1,185	28 98
Clay, lime and sand.....	7,577	2							7,577	2	7,579	177 01
Coal.....		2,336					14,956			17,292	17,292	648 04
Corn.....	10	137							10	137	147	3 51
Cattle.....		2								2	2	0 06
Cotton (raw).....												
Crockery and earthenware.....	3	12							3	12	15	1 34
Dye wood and dye stuffs.....												
Fish.....	11								11		11	0 28
Flax and hemp.....												
Flour.....	80	390							80	390	470	11 83
Furniture.....	25	23							25	23	48	4 40
Gypsum.....		109								109	109	2 59
Glass (all kinds).....	42	12							42	12	54	4 84
Hay (pressed).....	382	22							382	22	404	9 76
Hogs.....												
Horses.....	4	5							4	5	9	0 27
Hides and skins, horns and hoofs.....	4	1							4	1	5	0 15
Ice.....												
Iron, railway.....	5								5		5	0 24
" pig.....	22								22		22	0 53

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, &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.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Iron, all other.....	304	190							304	190	494	\$ 12 41
" ore.....												
Kryolite chemical ore and other ore, except iron....	10	5							10	5	15	0 75
Lard and lard oil.....	38	3							38	3	41	1 06
Meal, all kinds.....	4	119							4	119	123	3 02
Meats, other than pork.....	6								6		6	0 15
Marble.....												
Manilla.....	7								7		7	0 63
Molasses.....	120	1							120	1	121	10 59
Nails.....	109	1							109	1	110	10 94
Oats.....	225	445							225	445	670	25 23
Oil (in barrels).....	140	58							140	58	198	17 65
" cake.....												
Pease.....												
Potatoes.....	3	2							3	2	5	0 18
Pork.....	102	7							102	7	109	2 71
Paint.....	35	3							35	3	38	3 60
Pitch and tar.....	46	10							46	10	56	5 37
Rags.....	2	32							2	32	34	4 00
Rye.....	28								28		28	0 66
Flax seed.....												
Rosin.....												
Salt.....	1,001	260							1,001	260	1,261	32 52
Stone intended for cutting.....												
" wrought.....												
" not suitable for cutting, unwrought.....												
Seeds, all kinds.....	30	4							30	4	34	0 85
Sheep.....												
Soda ash.....												
Steel.....	15								15		15	0 44
Sugar.....	469	34							469	34	503	45 28
Spirits, beer, &c.....	109	7							109	7	116	10 26
Tobacco (raw).....	16								16		16	0 45
Tallow.....		3								3	3	0 07

Tin.....	17	2					17	2	19	1 68	
Turpentine.....											
Wheat.....	28	285					28	285	313	7 36	
White lead.....	20						20		20	1 80	
Whiting.....	7						7		7	0 63	
Wool.....											
All other goods and merchandise not enumerated.....	793	533					793	533	1,326	127 89	
Bark.....											
Barrels empty.....	10	29					10	29	39	3 32	
Boat knees.....											
Floats.....	1,120	40					1,120	40	1,160	20 30	
Firewood, in vessels.....	5,190	957					5,190	957	6,147	123 65	
" rafts.....											
Hoops.....											
Hop poles.....	17						17		17	2 50	
Lumber, sawn, in vessels.....	2,553	3,539	10,758	12,782			13,311	16,321	29,632	2,730 40	
" " rafts.....	96						96		96	3 63	
Masts, spars, and telegraph poles, in vessels.....											
" " rafts.....											
Railway ties, in vessels.....	28						28		28	1 11	
" rafts.....											
Saw logs.....											
Staves and headings, barrel.....											
" " pipe.....											
" " West India.....											
Staves, salt barrel.....											
Shingles.....	91	54					91	54	145	33 90	
Split posts and fence rails, in vessels.....											
" " rafts.....											
Timber, square, in vessels.....											
" rafts.....											
Traverses.....	700						700		700	4 44	
Woodenware and wood partly manufactured.....											
Total freight paying tolls.....	24,572	11,104	10,758	12,782			14,956	35,330	38,842	74,172	4,239 20
Coal, free, per Order in Council.....	1,260							1,260		1,260	
Grand total freight.....	25,832	11,104	10,758	12,782			14,956	36,590	38,842	75,432	
Total tolls on vessels.....											1,681 36
" passengers.....											158 19
" free coal.....										\$33 62	
Wharfage and winterage.....											216 46
Other receipts.....											143 00
Total revenue, exclusive of hydraulic rents.....											6,438 21

APPENDIX A—Continued.

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the Amount of Revenue collected during the Season of Navigation in 1900.

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.	1								1		1	0	01
Apples.	69								69		69	0	69
Agricultural products not enumerated, vegetables.	185								185		185	1	85
" " " animal.	16								16		16	0	16
Agricultural implements.	24	4							24	4	28	0	28
Barley.	9								9		9	0	09
Bricks.	1,652								1,652		1,652	16	52
Bones.													
Brimstone.													
Buckwheat.													
Cement and water lime.	93	231							93	231	324	3	24
Clay, lime and sand.	1	301							1	301	302	3	02
Coal.		32,418								32,418	32,418	324	18
Corn.	8								8		8	0	08
Cattle.	70								70		70	0	70
Cotton (raw).													
Crockery and earthenware.	18								18		18	0	18
Dye wood and dye stuffs.													
Fish.	24	1,432							24	1,432	1,456	14	56
Flax and hemp.	9								9		9	0	09
Flour.	1,851								1,851		1,851	18	51
Furniture.	47								47		47	0	47
Gypsum.		315								315	315	3	15
Glass (all kinds).	40								40		40	0	40
Hay (pressed).	1,324								1,324		1,324	13	24
Hogs.	2								2		2	0	02
Horses.	1								1		1	0	01
Hides and skins, horns and hoofs.													
Ice.													
Iron, railway.	10	40							10	40	50	0	50



20  
—  
v  
—  
8

" pig.....		85						85	85	0 85
" all other.....	188	20						188	208	2 08
Iron ore.....		60							60	0 60
Kryolite chemical ore and other ore, except iron.....	31							31	31	0 31
Lard and lard oil.....	4							4	4	0 04
Meal, all kinds.....	693							693	693	6 93
Meats, other than pork.....	83							83	83	0 83
Marble.....		3,033							3,033	30 33
Manilla.....	16							16	16	0 16
Molasses.....	211							211	211	2 11
Nails.....	583							583	583	5 83
Oats.....	2,257							2,257	2,257	22 57
Oil (in barrels)..	227	13						227	240	2 40
" cake.....										
Pease.....	3							3	3	0 03
Potatoes.....	3,194							3,194	3,194	31 94
Pork.....	95							95	95	0 95
Paint.....	18							18	18	0 18
Pitch and tar.....	11							11	11	0 11
Rags.....		10							10	0 10
Rye.....										
Flax seed.....										
Rosin.....	3							3	3	0 03
Salt.....	276	10						276	286	2 86
Stone intended for cutting.....	446							446	446	4 46
" wrought.....										
" not suitable for cutting, unwrought.....	80	2,744						80	2,824	28 24
Seeds, all kinds.....	5							5	5	0 05
Sheep.....	4							4	4	0 04
Soda ash.....	1							1	1	0 01
Steel.....										
Sugar.....	117							117	117	1 17
Spirits, beer, &c.....	122							122	122	1 22
Tobacco (raw).....	7							7	7	0 07
Tallow.....		1							1	0 01
Tin.....	47	2						47	49	0 49
Turpentine.....	1							1	1	0 01
Wheat.....										
White lead.....	1							1	1	0 01
Whiting.....										
Wool.....										
All other goods and merchandise not enumerated.....	1,367							1,367	1,367	13 67
Bark.....	35							35	35	0 35
Barrels, empty.....	6	19						6	25	0 25
Boat knees.....										
Floats.....										
Fire wood, in vessels.....	116	369						116	485	4 85
" rafts.....										
Hoops.....	2							2	2	0 02
Hop poles.....										

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.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels.....	15,261								15,261		15,261	\$ 152 61
" " rafts.....												
Masts, spars and telegraph poles, in vessels.....	27								27		27	0 27
" " " rafts.....												
Railway ties in vessels.....	270								270		270	2 70
" " rafts.....												
Saw logs.....												
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....	866								866		866	8 66
Split posts and fence rails, in vessels.....	47								47		47	0 47
" " " rafts.....												
Timber, square, in vessels.....	530	1							530	1	531	5 31
" " rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	32,705	41,108							32,705	41,108	73,813	738 13
Total tolls on vessels.....												2,317 52
Other receipts.....												
Total receipts.....												3,055 65

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 1900,

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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 of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Ashes, pot and pearl												\$	cts.
Apples													
Agricultural products not enumerated, vegetables													
" " " animal													
Agricultural implements													
Barley													
Bricks	23	90							23	90	113	1	36
Bones													
Brimstone													
Buckwheat													
Cement and water lime													
Clay, lime and sand													
Coal													
Corn													
Cattle	34								34		34		34
Cotton (raw)													
Crockery and earthenware													
Dye wood and dye stuffs													
Fish													
Flax and Hemp													
Flour													
Furniture													
Gypsum													
Glass (all kinds)													
Hay (pressed)													
Hogs	172								172		172	1	72
Horses	1								1		1		01
Hides and skins, horns and hoofs													
Ice													
Iron, railway													

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CANAL STATISTICS

No. (A) 11.—GENERAL STATEMENT showing the Quantity of each Article transported on the Trent Valley Canal—*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.			
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.....													
Oil, (in barrels).....		20								20	20	0	60
" cake.....													
Pease.....													
Potatoes.....													
Pork.....													
Paint.....													
Pitch and tar.....													
Rags.....													
Rye.....													
Flax seed.....													
Rosin.....													
Salt.....													
Stone intended for cutting.....													
" wrought.....													
" not suitable for cutting, unwrought.....		210								210	210	0	98
Seeds, all kinds.....													
Sheep.....	2								2		2	0	02
Soda ash.....													
Steel.....													
Sugar.....													
Spirits, beer, &c.....													
Tobacco (raw).....													

Tallow									
Tin									
Turpentine									
Wheat	560	67				560	67	627	6 27
White lead									
Whiting									
Wool									
All other goods and merchandise, not enumerated	18	83				18	83	101	3 03
Bark	43	10				43	10	53	2 27
Barrels Empty									
Boat kees									
Floats	175	5,920				175	5,920	6,095	44 20
Fire wood, in vessels	4,868	2,103				14,868	2,103	16,971	179 34
" " rafts		205					205	205	8 18
Hoops									
Hop poles									
Lumber, sawn, in vessels	1,396	458				1,396	458	1,854	44 89
" " rafts	38	56				38	56	94	1 88
Masts, spars and telegraph poles, in vessels	53					53		53	1 06
" " " " rafts		140					140	140	2 00
Railway ties, in vessels									
" " rafts	933	19				933	19	952	37 75
Saw logs	12,923	1,542				12,923	1,542	14,465	123 33
Staves and headings, barrel	158					158		158	1 50
" " pipe									
" " West India									
Staves, salt barrel	75					75		75	0 75
Shingles	78	27				78	27	105	7 02
Split posts and fence rails, in vessels									
" " rafts									
Timber, square, in vessels	61					61		61	1 11
" " rafts	275	736				275	736	1,011	10 65
Traverses									
Woodenware and wood partly manufactured									
Total freight paying tolls	31,886	11,686				31,886	11,686	43,572	480 26

Total tolls on vessels	65521
" " passengers	128 23
Other receipts	50 20
Total revenue, exclusive of hydraulic rents	1,223 81





Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Hop poles.....												4 18
Lumber, sawn, in vessels.....	60		312						372		372	4 18
"    rafts.....												1 08
Masts, spars and telegraph poles, in vessels.....			171						171		171	1 08
"    "    "    rafts.....												1 25
Railway ties, in vessels.....			125						125		125	1 25
"    rafts.....												
Saw logs.....												
Staves and headings, barrel.....												
"    "    pipe.....												
"    "    West India.....												
Staves, salt barrel.....												
Shingles.....												
Split posts and fence rails, in vessels.....												
"    "    rafts.....												
Timber, square, in vessels.....												
"    "    rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	9,766	7,413	1,423	70				395	11,189	7,878	19,067	339 75
Total tolls on vessels.....												263 34
"    passengers.....												226 71
Total revenue exclusive of hydraulic rents.....												829 80



No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on Sault Ste. Marie Canal, during the Season of Navigation, 1900.

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 .....	38						1		38		39
Apples.....	8		19						198		198
Agricultural products not enumerated, vegetables.....	1		1						2		2
" " " " animal.....											
Agricultural implements.....											
Barley.....						2,520				2,520	2,520
Bricks .....	502						40		542		542
Bones .....											
Brimstone.....								20	425	672	1,097
Buckwheat.....									2	5,860	5,862
Cement and water lime.....	425	652									
Clay, lime and sand.....	2	5,560		300							
Coal.....	977	20			454,651	6,950	67,700		523,528	6,970	530,298
Corn.....								9,975		9,975	9,975
Cattle.....	28	2	11						39	2	41
Cotton (raw).....											
Crockery and earthenware.....											
Dye wood and dye stuffs.....											
Fish.....		349		161				191		701	701
Flax and hemp.....											
Flour.....	30	15,366	75		515	33,903		22,140	620	71,409	72,029
Furniture.....	20		37					9	57	9	66
Gypsum.....											
Glass (all kinds).....	77							1	77	1	78
Hay (pressed).....	1,733	10	56					31	1,820	10	1,830
Hogs.....	4		1						5		5
Horses.....	35	52	40	10				36	75	98	173
Hides and skins, horns and hoofs.....		17						64		81	81
Ice.....											

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

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Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Iron, railway .....	1,152	243			1,050		16,314	1,667	18,516	1,910	20,426
" pig.....						1,400				1,400	1,400
" all other.....	1,333	119	29		90		154	15	1,606	134	1,740
Iron, ore .....						998,075		1,516		999,591	999,591
Kryolite chemical ore and other ore, except iron.....						5,435				5,435	5,435
Lard and lard oil .....	6								6		6
Meal, all kinds.....						790		696		1,486	1,486
Meats, other than pork .....	1								1		1
Marble.....			5						5		5
Manilla .....											
Molasses.....											
Nails.....	285		66						351		351
Oats.....	1,519				17	850		17	1,553	850	2,403
Oil (in barrels).....	379		241		129			116	865		865
Oil cake .....	1								1		1
Pease.....											
Potatoes.....	27		12	3					39	3	42
Pork.....	19								19		19
Paint.....	75								75		75
Pitch and tar.....	20								20		20
Rags.....										3	3
Rye.....						1,148				1,148	1,148
Flax seed.....						10,496		1,250		11,746	11,746
Rosin.....											
Salt.....	790		326		684				1,800		1,800
Stone intended for cutting.....				450				450	450	450	900
" wrought.....											
" not suitable for cutting, unwrought.....	1,352				1,224				2,576		2,576
Seeds, all kinds.....	2								2		2
Sheep.....			1						1		1
Soda ash.....											
Steel.....	8						1		9		9
Sugar.....	450		51						501		501
Spirits, beer, &c.....	430		41				16		487		487

DEPARTMENT OF RAILWAYS AND CANALS

1-2 EDWARD VII., A. 1902

v



1-2 EDWARD VII., A. 1902

## 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.....	421,565	4,189 40	708,008	4,770 60	64,997	210 90
United States vessels, steam.....	365,098	5,436 21	32,619	219 58	732	10 49
Canadian vessels, sail.....	153,816	3,237 90	1,325,198	13,569 35	22,583	248 27
United States vessels, sail.....	72,333	1,534 50	72,532	827 47	212,443	2,658 97
Total, Class No. 1.....	1,012,812	14,398 01	2,138,357	19,387 00	300,755	3,128 63
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	63,104	680 99	71,901	3,638 78	2,192	32 41
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	326	41 22	13,161	868 51	827	80 91
Brimstone.....			753	74 61		
Cement and water lime.....	39	6 75	6,907	828 21	822	82 20
Clay, lime and sand.....	3,008	221 62	34,761	1,520 23	4,781	511 31
Fish.....	342	51 30	59	7 87		
Gypsum.....			1,414	17 69		
Iron, railway.....			503	29 49		
" pig.....	1,792	358 40	1,793	166 95	861	86 10
" all other.....	6,398	1,253 13	7,250	767 75	1,705	165 02
Steel.....	8,203	1,623 65	436	56 57	157	15 70
Salt.....	533	98 43	3,114	361 87	505	37 75
Stone, for cutting.....	21	3 15	1,065	40 66		
Apples.....	451	12 91	4,639	675 91	437	25 02
Barley.....	4,035	432 80	19,808	1,330 58	48	1 61
Buckwheat.....			1,159	62 14		
Corn.....	163,509	16,350 90	174,854	4,572 99		
Cotton, raw.....						
Flax and hemp.....	470	70 50	941	23 53		
Flour.....	10,968	1,877 55	11,682	807 52	524	17 78
Hay, pressed.....	1	0 18	1,992	145 64	19,207	1,495 82
Meals, all kinds.....	14,244	2,848 80	600	37 61		
Oil cake.....	2,705	541 00				
Oats.....	41,055	4,152 78	44,058	1,615 47	3,867	129 07
Pease.....	119	11 90	11,106	1,045 28	77	2 60
Potatoes.....	1	0 17	87	4 03	62	2 17
Rye.....	3,538	353 80	9,466	645 95		
Hax seed.....			3,779	94 96		
Seeds, all kinds.....	11	1 65	3,186	161 39	30	1 17
Tabacco, raw.....			155	12 15		
Wheat.....	137,800	13,809 21	153,658	5,016 36		
All other agricultural products, vegetables.....	7	1 35	1,644	238 22		
Bones.....			357	47 82		
Cattle.....			286	21 77	91	3 24
Hogs.....			42	3 27		
Hides and skins, horns and hoofs.....	51	7 65	44	3 73		
Horses.....	60	2 94	557	33 99	53	1 94
Lard and lard oil.....	1,597	318 95	2,103	137 09	11	1 10
Meats (other than pork).....			11	1 40		
Pork.....	137	26 40	694	51 03		
Sheep.....			105	8 10	123	4 24
Tallow.....	1,271	222 20	379	19 55		
Wool.....			4	0 38		
All other agricultural products, animal.....			3,070	314 87		
Total, Class No. 3.....	402,692	44,701 29	521,682	21,873 14	34,188	2,664 75

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A—Continued.

the Amount of Tolls collected during the Season of Navigation in 1900.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
200,516	211 04	137,016	642 50	141,065	885 62	43,696	873 93	60,308	402 72	498,082
10,469	42 28	444	11 23	854	14 89	287	5 74	40,662	162 40	1,335,736
1,660	5 52	113,032	1,500 34	37,391	548 68	71,620	1,434 25			7,228
536	4 50	19,624	448 56	12,205	232 17	180	3 60			281,702
213,179	263 34	270,116	2,602 63	191,515	1,681 36	115,783	2,317 52	100,970	565 12	2,194,748
No.		No.		No.		No.		No.		No.
18,678	226 71	11,964	171 10	7,447	158 19			19,470	128 23	22,280
Tons.		Tons.		Tons.		Tons.		Tons.		Tons.
41	0 77			1,681	39 52	1,652	16 52	113	1 36	542
131	2 50	133	7 29	1,185	28 98	324	3 24			1,097
44	0 83	1,900	47 01	7,579	177 01	302	3 02			5,862
15	0 30	3	0 18	11	0 28	1,456	14 56			701
				109	2 59	315	3 15			
74	1 39	430	12 98	5	0 24	50	0 50			20,426
		100	2 00	22	0 53	85	0 85			1,400
781	14 75	36	2 42	494	12 41	208	2 08			1,740
41	0 78			15	0 44					9
18	0 34			1,261	32 52	286	2 86			1,800
						446	4 46			900
193	3 66	36	2 40	159	3 86	69	0 69			198
332	6 24	2	0 12			9	0 09			2,520
128	2 41	117	11 44	63	2 70					
				147	3 51	8	0 08			9,975
						9	0 09			
10	0 19	11	1 09	470	11 83	1,851	18 51			72,029
70	1 32	1,170	108 99	404	9 76	1,324	13 24			1,830
28	0 54	1	0 06	123	3 02	693	6 93			1,486
		5	0 49							1
		1,752	133 75	670	25 23	2,257	22 57			2,403
500	9 41	91	6 63			3	0 03			
		114	7 22	5	0 18	3,194	31 94			42
664	12 50	3	0 30	28	0 66					1,148
		4	0 40	34	0 85	5	0 05			11,746
36	0 70			16	0 45	7	0 07			2
1,240	23 30			213	7 36			627	6 27	278,761
41	0 81	17	1 42	13	0 33	185	1 85			2
2	0 04	12	0 72	11	0 48					
		448	35 20	2	0 06	70	0 70	34	0 34	41
		119	9 40			2	0 02	172	1 72	5
15	0 29	7	0 46	5	0 15					81
33	0 63	155	7 07	9	0 27	1	0 01	1	0 01	
10	0 19	4	0 08	41	1 06	4	0 04			
8	0 16			6	0 15	83	0 83			1
		20	1 20	109	2 71	95	0 95			19
		269	23 55			4	0 04	2	0 02	1
		17	1 64	3	0 07	1	0 01			1
3	0 06									
		2,210	195 01	1,082	29 20	16	0 16			
4,458	84 11	9,186	620 52	16,075	398 41	15,014	150 14	949	9 72	416,948

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

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.....	40	8 00	114	22 80		
Agricultural implements.....			67	8 39		
Crockery and earthenware.....	11	1 65	85	14 74	23	2 30
Dye woods and dye stuffs.....			18	1 40	25	2 50
Furniture.....	33	5 02	1,584	277 78		
Glass (all kind).....	30	5 00	1,014	188 04	17	1 61
Marble.....	863	129 45				
Manilla.....	174	26 10	33	6 54		
Molasses.....	290	47 40	486	58 35	86	2 93
Nails.....	11	0 50	901	135 59		
Oil (in barrels).....	20,125	4,016 09	2,576	251 46	112	8 19
Paint.....	64	11 50	394	62 15	66	6 51
Pitch and tar.....	35	5 27	478	60 80	1,770	177 00
Rags.....	70	1 32	597	85 30		
Rosin.....	14	0 27	1,710	87 03	1,954	195 40
Soda ash.....	85	12 32	550	103 15	181	13 14
Sugar.....	13,393	2,012 06	4,725	797 55	935	93 04
Stone (wrought).....			269	50 97	54	0 88
Tin.....			1,244	246 10		
Turpentine.....			276	13 95	273	27 30
White lead.....	17	3 35	79	12 88		
Whiting.....			794	150 54		
Whisky and all other spirits.....	48	7 25	716	130 99		
Merchandise (not enumerated).....	52,902	7,619 64	17,236	2,484 22	5,691	450 71
Total, Class No. 4.....	88,205	13,912 29	35,946	5,250 72	11,187	981 51
<i>Class No. 5.</i>						
Bark.....						
Barrels (empty).....	677	122 82	728	58 44	43	4 32
Floats.....			49	0 86		
Fire wood (in vessels).....	7,893	421 36	8,733	165 55	162,264	5,429 68
" (in rafts).....						
Lumber sawn (in vessels).....	77,464	13,882 71	42,804	1,755 49	39,635	2,315 61
" (in rafts).....	4	0 30	979	42 80		
Hoops.....			2	0 25		
Railway ties (in vessels).....	1,563	124 88	170	5 88	3,261	260 41
" (in rafts).....						
Masts, spars and telegraph poles (in vessels).....	9	1 80	5	0 13		
Masts, spars and telegraph poles (in rafts).....	6	0 65	20,487	512 30		
Square timber (in vessels).....	20,319	3,042 76	648	9 07		
" (in rafts).....			5,094	127 55		
Woodenware and wood partly manufactured.....	71	28 40	60	17 80		
Shingles.....	97	67 49	25	4 50		
Split posts and fence rails (in vessels).....			3	0 30		
Saw logs.....	7,082	278 56	575	13 11		
Staves and headings (barrel).....	780	37 41				
" " (salt barrel).....						
Traverses.....			100	1 25		
Hop poles.....			84	0 50		
Total, Class No. 5.....	115,965	18,009 14	80,546	2,715 78	205,203	8,010 02

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

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
42	1 06	8	1 52	15	2 56	1	0 01			39
		2	0 38	139	15 29	28	0 28			
25	0 64			15	1 34	18	0 18			
170	4 43	12	1 91	48	4 40	47	0 47			66
186	4 71	10	1 90	54	4 84	40	0 40			78
5	0 13					3,033	30 33			5
		1	0 19	7	0 63	16	0 16			
4	0 10	3	0 57	121	10 59	211	2 11			
2	0 06			110	10 94	583	5 83			351
172	4 30	2	0 38	198	17 65	240	2 40	20	0 60	865
75	1 92	4	0 76	38	3 60	18	0 18			75
67	1 69	33	6 27	56	5 37	11	0 11			20
16	0 41	41	7 52	34	4 00	10	0 10			3
						3	0 03			
88	2 21					1	0 01			
139	3 51			503	45 28	117	1 17			501
73	1 83	1	0 19	19	1 68	49	0 49			20
						1	0 01			
2	0 06	1	0 19	20	1 80	1	0 01			15
219	5 50			7	0 63					10
106	2 68			116	10 26	122	1 22			487
5,877	147 08	984	126 83	1,326	127 89	1,367	13 67	101	3 03	41,285
7,268	182 32	1,102	148 61	2,826	268 75	5,917	59 17	121	3 63	43,820
						35	0 35	53	2 27	20
9	0 18	56	6 43	39	3 32	25	0 25			
		31,805	267 48	1,160	20 30			6,095	44 20	
3,828	31 93	11,292	316 58	6,147	123 65	485	4 85	16,971	179 34	9,495
		440	10 31					205	8 18	1,350
372	4 18	301,852	21,101 55	29,632	2,730 40	15,261	152 61	1,854	44 89	12,408
		230	1 80	96	3 63			94	1 88	
		3	0 26			2	0 02			
125	1 25	1,192	213 81	28	1 11	270	2 70			978
								952	37 75	
171	1 08					27	0 27	53	1 06	
								140	2 00	34
		1,214	15 32			531	5 31	61	1 11	3,140
		4,500	47 22					1,011	10 65	140
		30	17 78	145	33 90	866	8 66	105	7 02	740
						47	0 47			
		3,859	83 88					14,465	123 33	8,703
								158	1 50	
								75	0 75	
				700	4 44					
				17	2 50					
4,505	38 62	356,503	22,082 42	37,964	2,923 25	17,549	175 49	42,292	465 93	37,009

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## 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>Special Class.</i>		\$ cts.		\$ cts.		\$ cts.
Coal.....	47,392	9,478 40	307,397	43,941 82	92,598	9,072 90
Kryolite or chemical ore.....			307	34 54		
Iron ore.....	58,400	2,920 00				
Stone (unwrought, not suitable for cutting).....	271	16 84	2,442	64 80	5,385	316 13
Total, Special Class.....	106,063	12,415 24	310,146	44,041 16	97,983	9,389 03
Total freight and tolls.....	712,925	104,116 96	948,320	96,906 58	348,561	21,045 31
Timber and other wood, free.....			15,942	1,456 71		
Wheat, corn, flour, iron, salt, coal, &c., free.....	6,435	935 87	344,804	33,302 10		
Grand totals (passengers and tonnage of vessels not included).....	719,360	105,052 83	1,309,066	131,665 39	348,561	24,206 35

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.



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

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
718	13 48	.....	.....	17,292	648 04	32,418	324 18	.....	.....	530,298
.....	.....	.....	.....	15	0 75	31	0 31	.....	.....	5,435
1	0 05	.....	.....	.....	.....	60	0 60	.....	.....	999,591
2,117	21 17	.....	.....	.....	.....	2,824	28 24	210	0 98	2,576
2,836	34 70	.....	.....	17,307	648 79	35,333	353 33	210	0 98	1,537,900
19,067	829 80	366,791	25,625 28	74,172	6,078 75	73,813	3,055 65	43,572	1,173 61	2,035,677
.....	.....	22,354	23,543	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1,260	.....	.....	.....	.....	.....	.....
19,067	829 80	389,145	25,860 71	75,432	6,078 75	73,813	3,055 65	43,572	1,173 61	2,035,67

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

1-2 EDWARD VII., A. 1902

## SUPPLEMENTARY 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 .....	1,012,812	\$ 14,398 01	1,368,618	\$ 19,387 00	300,755	\$ 3,128 63
Passengers.....	No. 63,104	680 99	No. 71,901	3,638 78	No. 2,192	32 41
<i>Forest—Produce of Wood.</i>						
Bark .....						
Floats.....			49	0 86		
" .....	Free.					
Firewood .....	7,893	421 36	8,733	165 55	162,264	5,429 68
" .....	Free.					
Hoops and hop poles.....			86	0 75		
Lumber, sawed.....	77,468	13,883 01	43,783	1,798 29	39,635	2,315 61
" .....	Free.		15,760			
Masts, spars, &c.....	15	2 45	20,492	512 43		
Railway ties .....	1,563	124 88	170	5 88	3,261	260 41
Saw logs.....	7,082	278 56	575	13 11		
" .....	Free.					
Staves, all kinds.....	780	37 41				
Shingles .....	97	67 49	25	4 50		
Split posts and rails .....			3	0 30		
Timber, square .....	20,319	3,042 76	5,742	136 62		
" .....	Free.					
Traverses.....			100	1 25		
Total .....	115,217	17,857 92	95,518	2,639 54	205,160	8,005 70
<i>Farm Stock.</i>						
Cattle .....			286	21 77	91	3 24
Hogs .....			42	3 27		
Horses .....	60	2 94	557	33 99	53	1 94
Sheep.....			105	8 10	123	4 24
Total .....	60	2 94	990	67 13	267	9 42
<i>Produce of Animals.</i>						
Bones.....			357	47 82		
Horns and hoofs, hides and skins, raw..	51	7 65	44	3 73		
Lard and lard oil.....	1,597	318 95	2,103	137 09	11	1 10
Meats other than pork.....			11	1 40		
Pork.....	137	26 40	694	51 03		
" .....	Free.					
Tallow .....	1,271	222 20	379	19 55		
Wool .....			4	0 38		
Agricultural products not enumerated, animal.....			3,070	314 87		
Total .....	3,057	575 20	6,662	575 87	11	1 10

SESSIONAL PAPER No. 20

A—Continued.

the Season of Navigation ended December 31, 1900, showing the Total Quantity and the amount of Tolls collected thereon.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal. Free.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
213,179	263 34	270,116	2,602 63	191,515	1,681 36	115,783	2,317 52	100,970	565 12	2,194,748
No. 18,678	226 71	No. 11,964	171 10	No. 7,447	158 19	No. ....	.....	No. 19,470	128 23	No. 22,280
Tons.		Tons.		Tons.		Tons.		Tons.		Tons.
.....		31,805	267 48	1,160	20 30	35	0 35	53	2 27	20
.....		12,764						6,095	44 20	.....
3,828	31 93	17,732	326 89	6,147	123 65	485	4 85	17,176	187 52	10,845
.....		660								.....
.....		3	0 26	17	2 50	2	0 02			.....
372	4 18	302,082	21,103 35	29,728	2,734 03	15,261	152 61	1,948	46 77	12,408
.....		50								.....
171	1 08					27	0 27	193	3 06	34
125	1 25	1,192	213 81	28	1 11	270	2 70	952	37 75	978
.....		3,859	83 88					14,465	123 33	8,703
.....		2,080								.....
.....		30	17 78	145	33 90	866	8 66	105	7 02	740
.....		5,744	62 54			47	0 47			.....
.....		6,800				531	5 31	1,072	11 76	3,280
.....				700	4 44					.....
4,496	38 44	378,801	22,075 99	37,925	2,919 93	17,524	175 24	42,292	465 93	37,008
.....		448	35 20	2	0 06	70	0 70	34	0 34	41
.....		119	9 40			2	0 02	172	1 72	5
33	0 63	155	7 07	9	0 27	1	0 01	1	0 01	173
.....		269	23 55			4	0 04	2	0 02	1
33	0 63	991	75 22	11	0 33	77	0 77	209	2 09	220
.....										.....
2	0 04	12	0 72	11	0 48					.....
15	0 29	7	0 46	5	0 15					81
10	0 19	4	0 08	41	1 06	4	0 04			6
8	0 16			6	0 15	83	0 83			1
.....		20	1 20	109	2 71	95	0 95			19
.....		17	1 64	3	0 07	1	0 01			1
3	0 06									.....
.....		2,210	195 01	1,082	29 20	16	0 16			.....
38	0 74	2,270	199 11	1,257	33 82	199	1 99			108

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

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.		\$ cts.
<i>Agricultural Products.</i>						
Agricultural products not enumerated, vegetable .....	7	1 35	1,644	238 22		
Apples.....	451	12 91	4,639	675 91	437	25 02
Barley.....	4,035	432 80	19,808	1,330 58	48	1 61
".....Free.			1,288			
Buckwheat.....			1,159	62 14		
Corn.....	163,509	16,350 90	174,854	4,572 99		
".....Free.			113,315			
Flax and hemp.....	470	70 50	941	23 53		
Flour.....	10,968	1,877 55	11,682	807 52	524	17 78
".....Free.			1,595			
Hay, pressed .....	1	0 18	1,992	145 64	19,207	1,495 82
Meals, all kinds .....	14,244	2,848 80	600	37 61		
Manilla .....	174	26 10	33	6 54		
Oats.....	41,055	4,152 78	44,058	1,615 47	3,867	129 07
".....Free.			8,925			
Pease .....	119	11 90	11,106	1,045 28	77	2 60
".....Free.			115			
Potatoes.....	1	0 17	87	4 03	62	2 17
Rye.....	3,538	353 80	9,466	645 95		
".....Free.			3,078			
Seeds, flax, clover and grass .....	11	1 65	6,965	256 35	30	1 17
" ".....Free.	218					
Tobacco, raw. ....			155	12 15		
Wheat .....	137,800	13,809 21	153,658	5,016 36		
".....Free.			122,571			
Total.....	376,601	39,950 60	693,734	16,496 27	24,252	1,675 24
<i>Manufactures.</i>						
Ashes, pot and pearl.....	40	8 00	114	22 80		
" ".....Free.			25			
Agricultural implements .....			67	8 39		
Barrels, empty.....	677	122 82	728	58 44	43	4 32
".....Free.			182			
Bricks .....	326	41 22	13,161	868 51	827	80 91
".....Free.	49					
Cement and water lime .....	39	6 75	6,907	828 21	822	82 20
" ".....Free.	1,931					
Crockery and earthenware.....	11	1 65	85	14 74	23	2 30
" ".....Free.	5					
Furniture.....	33	5 02	1,584	277 78		
".....Free.	1		1			
Glass of all kinds .....	30	5 00	1,014	188 04	17	1 61
" ".....Free.	456		6			
Iron, railway.....			503	29 49		
" ".....Free.	74					
" pig .....	1,792	358 40	1,793	166 95	861	86 10
".....Free.	3		508			
" all other .....	6,398	1,253 13	7,250	767 75	1,705	165 02
" ".....Free.	1,469		4,292			
Molasses.....	290	47 40	486	58 35	86	2 93
Nails.....	11	0 60	901	135 59		
".....Free.	193					
Oil .....	20,125	4,016 09	2,576	251 46	112	8 19
".....Free.	74		15,647			
Oil cake.....	2,705	541 00				
Paint.....	64	11 50	394	62 15	66	6 51
".....Free.	12					

SESSIONAL PAPER No. 20

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

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal. Free.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
41	0 81	17	1 42	13	0 33	185	1 85			2
193	3 66	36	2 40	159	3 86	69	0 69			198
332	6 24	2	0 12			9	0 09			2,520
128	2 41	117	11 44	63	2 70					
				147	3 51	8	0 08			9,975
10	0 19	11	1 09	470	11 83	9	0 09			72,029
70	1 32	1,170	108 99	404	9 76	1,324	13 24			1,830
28	0 54	1	0 06	123	3 02	693	6 93			1,486
		1	0 19	7	0 63	16	0 16			
		1,752	133 75	670	25 23	2,257	22 57			2,403
500	9 41	91	6 63			3	0 03			
		114	7 22	5	0 18	3,194	31 94			42
664	12 50	3	0 30	28	0 66					1,148
36	0 70	4	0 40	34	0 85	5	0 05			11,748
				16	0 45	7	0 07			
1,240	23 30			313	7 36			627	6 27	278,761
3,242	61 08	3,319	274 01	2,452	70 37	9,630	96 30	627	6 27	382,142
42	1 06	8	1 52	15	2 56	1	0 01			39
		2	0 38	139	15 29	28	0 28			
9	0 18	56	6 43	39	3 32	25	0 25			
41	0 77			1,681	39 52	1,652	16 52	113	1 36	542
131	2 50	133	7 29	1,185	28 98	324	3 24			1,097
25	0 64			15	1 34	18	0 18			
170	4 43	12	1 91	48	4 40	47	0 47			66
186	4 71	10	1 90	54	4 84	40	0 40			78
74	1 39	430	12 98	5	0 24	50	0 50			20,426
		100	2 00	22	0 53	85	0 85			1,400
781	14 75	36	2 42	494	12 41	208	2 08			1,740
4	0 10	3	0 57	121	10 59	211	2 11			
2	0 06			110	10 94	583	5 83			351
172	4 30	2	0 38	198	17 65	240	2 40	20	0 60	865
		5	0 49							1
75	1 92	4	0 76	38	3 60	18	0 18			75



SESSIONAL PAPER No. 20

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

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal. Free.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
67	1 69	33	6 27	56	5 37	11	0 11			20
88	2 21					3	0 03			
106	2 68			116	10 26	1	0 01			487
41	0 78			15	0 44					9
139	3 51			503	45 28	117	1 17			501
73	1 83	1	0 19	19	1 68	49	0 49			20
2	0 06	1	0 19	20	1 80	1	0 01			15
219	5 50			7	0 63	1	0 01			10
										1
2,447	55 07	836	45 68	4,900	221 67	3,835	38 35	133	1 96	27,743
44	0 83	1,900	47 01	7,579	177 01	302	3 02			5,862
718	13 48			17,292	648 04	32,418	324 18			530,298
15	0 30	3	0 18	11	0 28	1,456	14 56			701
1	0 05			109	2 59	315	3 15			1,005,026
5	0 13			15	0 75	91	0 91			
16	0 41	41	7 52	34	4 00	3,033	30 33			5
18	0 34			1,261	32 52	10	0 10			3
2,117	21 17					286	2 86			1,800
5,877	147 08	984	126 83	1,326	127 89	3,270	32 70	210	0 98	3,476
8,811	183 79	2,928	181 54	28,887	993 08	1,367	13 67	101	3 03	41,285
19,067	829 80	389,145	25,625 28	75,432	6,078 75	42,548	425 48	311	4 01	1,588,456
						73,813	3,055 65	43,572	1,173 61	2,035,667

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

## APPENDIX A—Continued.

No. (A) 16.—STATEMENT showing the amount of Tolls accrued each month during the Season of Navigation ended December 31, 1900.

Canals and Offices.	January	April.	May.	June.	July.	August.	September	October.	November	December.	Total.
WELLAND CANAL.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chippawa.....			5 25	4 85	2 50	1 00	8 51	25 64	2 25	.....	50 00
Colborne.....		2,539 92	12,327 03	10,881 15	10,294 88	12,022 16	11,567 64	8,464 26	7,828 71	1,514 02	77,439 77
Dalhousie.....		2,317 53	4,854 99	3,811 30	3,187 61	3,708 31	2,816 06	2,123 93	2,167 62	701 59	25,688 94
Dunnville.....		0 36	51 61	57 50	50 95	79 12	63 20	142 29	46 75	26 77	518 55
St. Catharines.....		22 73	26 75	55 37	28 27	40 82	58 02	83 86	98 63	5 25	419 70
Total Welland Canal.....		4,880 54	17,265 63	14,810 17	13,564 21	15,851 41	14,513 43	10,839 98	10,143 96	2,247 63	104,116 96
ST. LAWRENCE CANALS.											
Beauharnois.....			224 88	55 14	42 20	74 47	47 13	46 30	22 08	.....	512 20
Cardinal.....		30 00	47 98	55 87	52 76	45 92	35 29	52 80	65 01	12 46	398 09
Cornwall.....		97 61	3,943 45	5,185 86	5,665 70	5,875 85	4,995 56	3,246 86	3,936 03	78 29	33,025 21
Kingston.....		873 92	3,747 94	2,534 80	3,553 30	3,339 34	2,913 87	3,841 16	3,593 14	.....	24,397 47
Lachine.....			376 51	481 60	497 21	562 35	385 75	291 58	204 35	.....	2,799 35
Montreal.....			4,241 92	3,808 47	4,141 29	4,354 13	3,365 86	2,795 06	2,440 15	93 31	25,240 19
Soulanges.....			1,070 47	1,180 27	1,869 67	2,019 36	1,613 57	1,748 45	1,032 03	0 25	10,534 07
Total St. Lawrence Canals.....		1,001 53	13,653 15	13,302 01	15,822 13	16,271 42	13,357 03	12,022 21	11,292 79	184 31	96,906 58
CHAMBLY CANAL.											
Chambly.....			867 24	1,741 20	1,848 50	1,991 65	1,601 50	1,875 91	1,049 32	.....	10,975 32
St. Johns.....			3,033 69	1,618 36	2,168 00	2,287 82	1,662 38	1,059 78	831 46	11 87	12,673 36
St. Ours.....		8 91	45 08	65 36	100 62	65 42	60 96	137 50	73 32	0 50	557 67
Total Chambly Canal.....		8 91	3,946 01	3,424 92	4,117 12	4,344 89	3,324 84	3,073 19	1,954 10	12 37	24,206 35



OTTAWA CANALS.											
Ottawa .....			2,623 69	2,414 94	3,070 26	3,522 25	2,511 36	2,953 08	1,812 07		18,907 65
Carillon.....			3 15	3 64	3 25	2 93	1 23	0 96	2 68		17 84
Grenville.....			829 90	794 03	622 97	721 59	1,207 39	1,061 99	443 27		5,681 14
St. Anne's .....			4 37	112 61	198 86	203 59	117 18	112 23	69 97		1,018 65
Total Ottawa Canals.....			4 37	3,569 35	3,411 47	3,900 07	4,446 61	3,837 16	4,128 26	2,327 99	25,625 28
RIDEAU CANAL.											
Kingston Mills .....			187 22	186 10	252 86	198 19	148 93	57 02	30 29		1,060 61
Ottawa.....			540 48	1,002 34	917 30	530 66	408 62	447 19	398 78	6 04	4,251 41
Smith's Falls.....			53 34	102 86	135 15	173 08	167 70	79 41	55 19		766 73
Total Rideau Canal.....			781 04	1,291 30	1,305 31	901 93	725 25	583 62	484 26	6 04	6,078 75
ST. PETER'S CANAL.											
St. Peter's.....	27 55	96 61	303 92	389 55	517 69	511 26	301 68	332 84	337 81	236 74	3,055 65
TRENT VALLEY CANALS.											
Bobcaygeon.....		0 50	20 67	61 96	84 99	106 46	92 37	106 86	58 71		532 52
Buckhorn.....			1 50	10 30	26 22	37 19	12 16	22 40	15 70		125 47
Burleigh.....			5 61	11 53	10 57	19 16	12 38	18 00	14 60	1 00	92 85
Fenelon Falls.....			1 00	33 41	25 70	26 11	8 65	4 15	3 85		102 87
Hastings.....			1 14	6 56	8 38	1 75	6 25	0 50	0 25		24 83
Peterborough.....		2 94	19 74	38 22	57 10	66 13	53 29	35 62	22 03		295 07
Total Trent Valley Canals .....		3 44	49 66	161 98	212 96	256 80	185 10	187 53	115 14	1 00	1,173 61
MURRAY CANAL.											
Brighton.....		8 65	68 69	86 82	149 10	197 53	130 77	118 69	69 55		829 80
Grand total.....	27 55	6,004 05	39,637 45	36,878 22	39,588 59	42,781 85	36,375 26	31,286 32	26,725 60	2,688 09	261,992 98

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

DEPARTMENT OF RAILWAYS AND CANALS,  
 OTTAWA, September 9, 1901.

## 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 December 31, 1900, 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.													\$	cts.	
Canadian vessels, steam.....	1,361	137,860	133,425	74,536	1,115	.....	.....	.....	74,629	212,396	209,169	421,565	4,189	40	
" sail.....	404	48,751	43,643	27,983	494	.....	.....	.....	148	32,602	77,077	153,816	3,237	90	
Total Canadian.....	1,765	186,611	177,068	102,519	1,609	.....	.....	.....	148	107,231	289,473	285,908	7,427	30	
United States vessels, steam.....	444	173	192	15,188	780	.....	.....	.....	91	18,295	181,073	184,025	5,436	21	
" sail.....	190	613	306	12,939	.....	.....	.....	.....	.....	16,360	37,624	34,709	1,534	50	
Total United States.....	634	786	498	28,127	780	.....	.....	.....	91	34,655	218,697	218,734	6,970	71	
Grand Total, Welland Canal.....	2,399	187,397	177,566	130,646	2,389	.....	.....	.....	239	141,886	508,170	504,642	14,398	01	
ST. LAWRENCE CANALS.															
Canadian vessels, steam.....	3,505	366,017	292,551	19,309	.....	.....	.....	.....	280	29,851	385,606	322,402	708,008	4,770	60
" sail.....	5,232	667,811	533,437	45,731	682	.....	.....	.....	.....	77,132	713,883	611,315	1,325,198	13,569	35
Total Canadian.....	8,737	1,033,828	825,988	65,040	682	.....	.....	.....	280	106,983	1,099,489	933,717	2,033,206	✓ 18,339	95
United States vessels, steam.....	471	285	1,310	4,433	47	6,475	6,065	1,055	12,949	12,248	20,371	32,619	219	58	
" sail.....	450	2,204	8,393	16,079	587	216	180	25,109	19,764	43,608	28,924	72,532	827	47	
Total United States.....	921	2,489	9,703	20,512	634	6,691	6,245	26,164	32,713	55,856	49,295	105,151	✓ 1,047	05	
Grand Total, St. Lawrence Canals..	9,658	1,036,317	835,691	85,552	1,316	7,032	6,309	26,444	139,696	1,155,345	983,012	2,138,357	✓ 19,387	00	

CHAMBLY CANAL.													
Canadian vessels, steam.....	330	32,651	32,120	114					112	32,765	32,232	64,997	210 90
" sail.....	334	7,353	6,462	3,651					5,117	11,004	11,579	22,583	248 27
Total Canadian.....	664	40,004	38,582	3,765					5,229	43,769	43,811	87,580	459 17
United States vessels, steam.....	25	14	29	182					507	196	536	732	10 49
" sail.....	2,152	284	2,468	93,525	98				116,068	93,809	118,634	212,443	2,658 97
Total United States.....	2,177	298	2,497	93,707	98				116,575	94,005	119,170	213,175	2,669 46
Grand Total, Chamblly Canal.....	2,841	40,302	41,079	97,472	98				121,804	137,774	162,981	300,755	3,128 63
OTTAWA CANALS.													
Canadian vessels, steam.....	936	40,430	96,586							40,430	96,586	137,016	642 50
" sail.....	974	8,032	104,205		795					8,032	105,000	113,032	1,500 34
Total Canadian.....	1,910	48,462	200,791		795					48,462	201,586	250,048	2,142 84
United States vessels, steam.....	6	18	129		297					18	426	444	11 23
" sail.....	198	3,641	693		14,978			312		3,953	15,671	19,624	448 56
Total United States.....	204	3,659	822		15,275			312		3,971	16,097	20,068	459 79
Grand Total, Ottawa Canals.....	2,114	52,121	201,613		16,070			312		52,433	217,683	270,116	2,602 63
RIDEAU CANAL.													
Canadian vessels, steam.....	1,590	66,974	67,071	3,068					3,952	70,042	71,023	141,065	885 62
" sail.....	761	13,485	13,603	5,157	98				5,048	18,642	18,749	37,391	548 68
Total Canadian.....	2,351	80,459	80,674	8,225	98				9,000	88,684	89,772	178,456	1,434 30
United States vessels, steam.....	57	199	117	205					333	404	450	854	14 89
" sail.....	171	4,737	2,210	171	4,905				182	4,908	7,297	12,205	232 17
Total United States.....	228	4,936	2,327	376	4,905				515	5,312	7,747	13,059	247 06
Grand Total, Rideau Canal.....	2,579	85,395	83,001	8,601	5,003				9,515	93,996	97,519	191,515	1,681 36
ST. PETER'S CANAL.													
Canadian vessels, steam.....	278	24,937	18,759							24,937	18,759	43,696	873 93
" sail.....	1,343	35,271	36,178					171		35,442	36,178	71,620	1,434 25
Total Canadian.....	1,621	60,028	54,937					171		60,379	54,937	115,316	2,308 18

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.			
<i>ST. PETER'S CANAL—Concluded.</i>													\$	cts.
United States vessels, steam.....	4	61	43					183		244	43	287	5 74	
"    sail.....	3	25	77					78		103	77	180	3 60	
Total United States.....	7	86	120					261		347	120	467	9 34	
Grand Total, St. Peter's Canal.....	1,628	60,294	55,057					432		60,726	55,057	115,783	2,317 52	
<i>TRENT VALLEY CANALS.</i>														
Canadian vessels, steam.....	1,541	29,763	30,545							29,763	30,545	60,308	402 72	
"    sail.....	671	20,233	20,429							20,233	20,429	40,662	162 40	
Total Canadian.....	2,212	49,996	50,974							49,996	50,974	100,970	565 12	
United States vessels, steam.....														
"    sail.....														
Total United States.....														
Grand Total, Trent Valley Canals ..	2,212	49,996	50,974							49,996	50,974	100,970	565 12	
<i>MURRAY CANAL.</i>														
Canadian vessels, steam.....	520	100,238	63,535	17,747	60				18,934	117,985	82,529	200,514	211 04	
"    sail.....	185	4,254	4,839	1,026					350	5,280	5,189	10,469	42 28	
Total Canadian.....	705	104,492	68,374	18,773	60				19,284	123,265	87,718	210,983	253 32	
United States vessels, steam.....	23	119	465	510	190	158		147	71	934	726	1,660	5 52	
"    sail.....	17	19	5	345					167	364	172	536	4 50	
Total United States.....	40	138	470	855	190	158		147	238	1,298	898	2,196	10 02	
Grand Total, Murray Canal.....	745	104,630	68,844	19,628	250	158		147	19,522	124,563	88,616	213,179	263 34	

SAULT STE. MARIE CANAL.													
Canadian vessels, steam.....	1,554	137,705	154,439	58,954	10,915	1,465	.....	32,995	101,609	231,119	266,963	498,082	.....
" sail.....	236	25,528	29,513	8,650	763	908	.....	4,421	9,445	39,507	39,721	79,228	.....
Total Canadian.....	1,790	163,233	183,952	67,604	11,678	2,373	.....	37,416	111,054	270,626	306,684	577,310	.....
United States vessels, steam.....	1,066	206	1,337	11,448	5,001	839,940	455,369	16,520	5,915	868,114	467,622	1,335,736	.....
" sail.....	225	718	50	2,664	3,560	172,243	99,861	2,246	360	177,871	1,383	281,702	.....
Total United States.....	1,291	924	1,387	14,112	8,561	1,012,183	555,230	18,766	6,275	1,045,985	571,453	1,617,438	.....
Grand Total, Sault Ste. Marie Canal.	3,081	164,157	185,339	81,716	20,239	1,014,556	555,230	56,187	117,329	1,316,611	878,137	2,194,748	.....

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

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

CANADIAN 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.		
Steam and Sail.													\$ cts.
Welland.....	1,765	186,611	177,068	102,519	1,609	195	.....	148	107,231	289,473	285,908	575,381	7,427 30
St. Lawrence.....	8,737	1,033,828	825,988	65,040	682	341	64	280	106,983	1,099,489	933,717	2,033,206	18,339 95
Chambly.....	664	40,004	38,582	3,765	.....	.....	.....	.....	5,229	43,769	43,811	87,580	459 17
Ottawa.....	1,910	48,462	200,791	.....	795	.....	.....	.....	.....	48,462	201,586	250,048	2,142 84
Rideau.....	2,351	80,459	80,674	8,225	98	.....	.....	.....	9,000	88,684	89,772	178,456	1,434 30
St. Peter's.....	1,621	60,208	54,937	.....	.....	.....	.....	171	.....	60,379	54,937	115,316	2,308 18
Trent Valley.....	2,212	49,996	50,974	.....	.....	.....	.....	.....	.....	49,996	50,974	100,970	565 12
Murray.....	705	104,492	68,374	18,773	60	.....	.....	.....	19,284	123,265	87,718	210,983	253 32
Sault Ste. Marie...	1,790	163,233	183,952	67,604	11,678	2,373	.....	37,416	111,054	270,626	306,684	577,310	.....
Total Canadian..	21,755	1,767,293	1,681,340	265,926	14,922	2,909	64	38,015	358,781	2,074,143	2,055,107	4,129,250	32,930 18
UNITED STATES VESSELS.													
Welland ...	634	786	498	28,127	780	189,693	182,801	91	34,655	218,697	218,734	437,431	6,970 71
St. Lawrence....	921	2,489	9,703	20,512	634	6,691	6,245	26,164	32,713	55,856	49,295	105,151	1,047 05
Chambly.....	2,177	298	2,497	93,707	98	.....	.....	.....	116,575	94,005	119,170	213,175	2,669 46
Ottawa.....	204	3,659	822	.....	15,275	.....	.....	312	.....	3,971	16,097	20,068	459 79
Rideau.....	228	4,936	2,327	376	4,905	.....	.....	.....	515	5,312	7,747	13,059	247 06
St. Peter's.....	7	86	120	.....	.....	.....	.....	261	.....	347	120	467	9 34
Trent Valley.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Murray.....	40	138	470	855	190	158	.....	147	238	1,298	898	2,196	10 02
Sault Ste. Marie...	1,291	924	1,387	14,112	8,561	1,012,183	555,230	18,766	6,275	1,045,985	571,453	1,617,438	.....
Total United States	5,502	13,316	17,824	157,689	30,443	1,208,725	744,276	45,741	190,971	1,425,471	983,514	2,408,985	11,413 43
Grand total Canadian and United States.....	27,257	1,780,609	1,699,164	423,615	45,365	1,211,634	744,340	83,756	549,752	3,499,614	3,038,621	6,538,235	44,343 61

APPENDIX A—Continued.

No. (A) 18.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation 1899 and 1900, and the Amount of Tolls collected on the same, including on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1899.												\$ cts.
Welland .....	6,557	148,272	10,907	4,902	135,038	225,378	258,716	218,432	152,502	637,268	789,770	118,033 93
St. Lawrence .....	169,002	917,528	7,125	472	344	1,233	34,957	218,432	211,428	1,137,665	1,349,093	86,348 81
Chambly .....	2,221	12,210	227,428					120,776	229,649	132,986	362,635	26,000 10
Ottawa .....	445	449,840		69,820					445	519,660	520,105	35,365 40
Rideau .....	25,311	9,609	11,337	19,727				12,921	36,648	33,257	69,905	5,704 22
St. Peter's .....	23,818	46,986							23,818	46,986	70,804	3,151 33
Trent Valley .....	31,177	8,983							31,177	8,983	40,160	1,240 74
Murray .....	10,089	5,815	501					383	10,590	6,198	16,788	714 49
Sault Ste. Marie .....	27,588	234,169	9,066	29,212	596,648	1,903,264	90,721	115,996	724,023	2,282,641	3,006,664	No Tolls.
Grand Total .....	296,208	1,833,412	266,364	115,133	732,030	2,129,875	125,678	727,224	1,420,280	4,805,644	6,225,924	276,559 02
1900.												
Welland .....	8,633	146,034	10,037	4,344	99,560	218,969	231,783	231,783	118,230	601,130	719,360	104,116 96
St. Lawrence .....	168,182	875,505	7,587	705	290	1,177	17,836	237,787	193,895	1,115,171	1,309,066	96,906 58
Chambly .....	4,350	8,468	222,011	68			25	113,639	226,386	122,175	348,561	24,206 35
Ottawa .....	299	347,678		41,168					299	388,846	389,145	25,625 28
Rideau .....	25,832	11,104	10,758	12,782				14,956	36,590	38,842	75,432	6,078 75
St. Peter's .....	32,705	41,108							32,705	41,108	73,813	3,055 65
Trent Valley .....	31,886	11,686							31,886	11,686	43,572	1,173 61
Murray .....	9,776	7,413	1,423	70				395	11,189	7,878	19,067	829 80
Sault Ste. Marie .....	30,548	183,922	18,217	22,577	468,347	1,119,769	87,294	105,003	604,406	1,431,271	2,035,677	No Tolls.
Grand Total .....	312,201	1,632,915	270,033	81,714	568,197	1,339,915	105,155	703,563	1,255,586	3,758,107	5,013,693	261,992 98

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

RICHARD DEVLIN,  
Compiler of Canal Statistics.

1-2 EDWARD VII., A. 1902

## 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 1900.

## 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	15	120	5	40	14	112	5	40
10	3	30	7	70				
15	3	45			3	45		
20	4	80	10	200	4	80	3	60
25	4	100	5	75				
30	6	180	5	150	1	30		
35	5	175			3	105		
40	1	40	3	120	1	40		
45	1	45	3	135	1	45		
50			7	350	2	100		
55			1	55	1	55		
60	1	60	2	120	1	60	5	300
65			1	65			1	65
70	2	140	1	70				
75			5	375				
85	2	170						
90			2	180				
100			1	100			1	100
110			1	110				
120			1	120	1	120		
125							1	125
140			1	140	2	280		
150	1	150	1	150				
160	1	160	1	160				
165	1	165						
175					1	175		
180			1	180				
190	1	190	1	190	1	190		
200			2	400	1	200		
220	3	660	1	220				
230	1	230					1	230
260	1	260			1	260		
270			2	540			1	270
275			1	275	1	275		
280					1	280		
285			1	285				
290	1	290						
295							2	590
300					1	300	1	300
305							1	305
310	1	310						
315							2	630
320			3	960				
325			1	325				
330			1	330	1	330		
335			2	670			1	335
360	2	720			2	720		
375					1	375		
390							1	390
400	1	400			1	400	1	400
415	1	415			1	415		
425							1	425
435			2	870			1	435
440	1	440						
460	1	460	2	920				
470							3	1,410
480	1	480	1	480				



SESSIONAL PAPER No. 20

## APPENDIX A—Continued.

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

## WELLAND CANAL—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
485	1	485	1	485			3	485
490					1	490		
495	1	495					1	495
500	1	500					1	500
525							1	525
539	1	530						
540	1	540			1	540		
545	1	445	1	545			1	55
555	1	555					1	555
570	1	570	1	570				
575	1	575						
580							2	1,160
590			1	590	1	590	1	590
600	1	600			1		1	600
615					1	615	2	1,230
645			2	1,290				
660					1	660		
680			1	680	1	680		
710					1	710	1	710
719			1	719				
722	1	722						
740	1	740	1	740			1	740
760					1	760		
771	1	771						
787					1	787	1	787
796					1	796		
802			1	802			1	802
837	1	837						
908			1	908				
911					1	911		
918					2	1,835		
928	1	928						
940					1	940		
950	1	950			1	950		
977	1	977						
989	1	989						
994	1	994					1	994
997							1	997
1,029					1	1,029		
1,035	1	1,035			1	1,035		
1,040			1	1,040				
1,054					1	1,054		
1,075					1	1,075		
1,083							1	1,083
1,118					2	2,236		
1,168							1	1,168
1,172	1	1,172						
1,185					1	1,185		
1,203					1	1,203		
1,334	1	1,334			2	2,668		
1,399					1	1,399		
1,425					1	1,425		
1,441	1	1,441			2	2,882		
1,547					1	1,547		
1,548					1	1,548		
1,550					1	1,550		
1,553					2	3,106		
Total.....	88	24,800	94	17,799	81	41,199	51	19,831

1-2 EDWARD VII., A. 1902

## APPENDIX A—Continued.

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels passing through the Canals during the Season of Navigation in 1900.

## ST. LAWRENCE CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	42	336	20	160	7	56	2	16
10	8	80	9	90	1	10		
15	14	210	4	60	6	90	1	15
20	11	220	13	260	1	20		
25	9	225	1	25	1	25	1	25
30	12	360	7	210				
35	11	385	1	35	2	70	1	35
40	5	200	13	520	2	80	3	120
45	4	180	3	135	1	45		
50	7	350	9	450	2	100	1	50
55	6	330	3	165				
60	4	240	21	1,260				
65			2	130	1	65		
70	5	350	6	420				
75			6	450				
80	2	160	8	640			2	160
85	2	170	9	765			3	255
90	3	270	6	540			12	1,080
95	5	475	6	570			43	4,035
100	5	500	12	1,200			59	5,900
105	4	420	11	1,155			10	1,050
110	2	220	9	990	1	110	13	1,430
115	1	115	7	805	1	115	9	1,035
120	2	240	7	840			3	360
125	1	125	2	250				
130	4	520	3	390				
135	2	270	6	810			1	135
140	1	140	12	1,680				
145	2	290	7	1,015	1	145	1	145
150			24	3,600				
155	1	155	30	4,650				
160	1	160	13	2,080			2	320
165			10	1,650				
170			6	1,020				
175			3	525	1	175		
180			6	1,080				
185	2	370	5	925				
190			1	190				
195	1	195	3	585				
200			1	200				
205	1	205						
220			3	660				
230	2	460	4	920				
255			3	765				
260	1	260	3	780				
265	1	265	3	795				
275			1	275			1	275
285	1	285	3	855			2	570
290			3	870			1	290
300	1	300	6	1,800				
305	2	610	2	610				
310			2	620				
315			3	945			1	315
320			7	2,240	1	320		
325	1	325	1	325			1	325
330			1	330				

SESSIONAL PAPER No. 20

## APPENDIX A.—Continued.

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

## 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.
335			1	335				
340	2	680	6	2,040				
345			1	345				
350			2	700				
360	1	360	2	720				
365	1	365	4	1,460				
370			4	1,480				
375	1	375	2	750				
390			2	780				
395			1	395				
411	1	411	3	1,233			1	411
415			3	1,245	1	415		
433			3	1,299			1	433
436			2	872				
442			1	442			1	442
450	1	450						
454	1	454	2	908				
471	1	471						
473							1	473
475			3	1,425				
487			2	974				
500	3	1,500	1	500				
508	1	508						
518			2	1,036				
520	1	520	2	1,040				
539			1	539				
541	2	1,082	2	1,082				
556	1	556						
575	2	1,150	2	1,150				
586	1	586	3	1,758				
590			1	590				
593	1	593						
599	1	599	2	1,198				
628							1	628
681			2	1,362				
715			2	1,430				
771	1	771			1	771	3	2,313
803			1	803			1	803
823					1	823		
870	1	870						
922	1	922			2	1,844		
952	2	1,904						
989	1	989					1	989
1,075					1	1,075		
1,167							1	1,167
1,251							1	1,251
1,328					3	3,984		
1,465	1	1,465			1	1,465		
Total....	218	28,552	435	75,206	39	11,803	185	26,901

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## APPENDIX A—Continued.

No. (A) 21.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1900.

## 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	72	576	272	2,176	17	136	4	32
10	18	180	18	180	5	50		
15	9	135	5	75	6	90	1	15
20	12	240	10	200	3	60	3	60
25	6	150	4	100	4	100		
30			1	30	1	30		
35	5	175	2	70	1	35		
40	2	80	5	200	2	80	1	40
45	3	135	3	135				
50	4	200	5	250				
55	2	110	5	275				
60	1	60	2	120				
65			2	130				
70	1	70	1	70				
75			5	375				
80	2	160	2	160			5	400
85	1	85	1	85			9	765
90			4	360			38	3,420
95	1	95	1	95			150	14,250
100	2	200	12	1,200			216	21,600
105	1	105	3	315			48	5,040
110			5	550			46	5,060
115	1	115	2	230			16	1,840
120			3	360			14	1,680
125	2	250	3	375			6	750
135	1	135	3	405			2	270
140			5	700				
145	2	290	8	1,160			1	145
150	1	150	20	3,000				
155	1	155	24	3,720				
160			10	1,600				
165			7	1,155				
170			6	1,020				
175			1	175				
180			1	180				
185			1	185				
190			1	190				
195	2	390	1	195				
228	1	228	1	228				
262	1	262						
324	1	324						
332	1	332						
397	1	397						
Total . . . .	157	5,784	465	22,029	39	581	560	55,367

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

DEPARTMENT OF RAILWAYS AND CANALS,  
 OTTAWA, Sept. 9, 1901.

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 1900.

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 1,441 tons..	33	22,060	1	250 to 1,040 tons..	28	14,024	1	250 to 1,553 tons..	44	39,562	1	250 to 1,168 tons..	34	18,911
2	200 " 249 " ..	4	890	2	200 " 249 " ..	3	620	2	200 " 249 " ..	1	200	2	200 " 249 " ..	1	230
3	150 " 199 " ..	4	665	3	150 " 199 " ..	4	680	3	150 " 199 " ..	2	365	3	150 " 199 " ..		
4	100 " 149 " ..			4	100 " 149 " ..	4	470	4	100 " 149 " ..	3	400	4	100 " 149 " ..	2	225
5	50 " 99 " ..	5	370	5	50 " 99 " ..	19	1,215	5	50 " 99 " ..	4	215	5	50 " 99 " ..	6	365
6	Under 50 " ..	42	815	6	Under 50 " ..	36	790	6	Under 50 " ..	27	457	6	Under 50 " ..	8	100
Total.....		88	24,800	Total.....		94	17,799	Total.....		81	41,199	Total.....		51	19,831

ST. LAWRENCE CANALS.

1	250 to 1,465 tons..	36	19,626	1	250 to 803 tons...	103	41,110	1	250 to 1,465 tons..	11	10,697	1	250 to 1,251 tons..	18	10,685
2	200 " 249 " ..	3	665	2	200 " 249 " ..	8	1,780	2	209 " 249 " ..			2	200 " 249 " ..		
3	150 " 199 " ..	5	880	3	150 " 199 " ..	101	16,305	3	150 " 199 " ..	1	175	3	150 " 199 " ..	2	320
4	100 " 149 " ..	24	2,840	4	100 " 149 " ..	76	9,135	4	100 " 149 " ..	3	370	4	100 " 149 " ..	96	10,055
5	50 " 99 " ..	34	2,345	5	50 " 99 " ..	76	5,390	5	50 " 99 " ..	3	165	5	50 " 99 " ..	61	5,630
6	Under 50 " ..	116	2,196	6	Under 50 " ..	71	1,495	6	Under 50 " ..	21	396	6	Under 50 " ..	8	211
Total.....		218	28,552	Total.....		435	75,206	Total.....		39	11,803	Total.....		185	26,901

RIDEAU, OTTAWA AND CHAMBLY CANALS.

1	250 to 397 tons...	4	1,315	1	250 to — tons...			1	250 to — tons...			1	250 to — tons...		
2	200 " 249 " ..	1	228	2	200 " 249 " ..	1	228	2	200 " 249 " ..			2	200 " 249 " ..		
3	150 " 199 " ..	4	695	3	150 " 199 " ..	72	11,420	3	150 " 199 " ..			3	150 " 199 " ..		
4	100 " 149 " ..	9	1,095	4	100 " 149 " ..	44	5,295	4	100 " 149 " ..			4	100 " 149 " ..	349	36,385
5	50 " 99 " ..	12	780	5	50 " 99 " ..	28	1,920	5	50 " 99 " ..			5	50 " 99 " ..	202	18,835
6	Under 50 " ..	127	1,671	6	Under 50 " ..	320	3,166	6	Under 50 " ..	39	581	6	Under 50 " ..	9	147
Total.....		157	5,784	Total.....		465	22,029	Total.....		39	581	Total.....		560	55,367

DEPARTMENT OF RAILWAYS AND CANALS,  
OTTAWA, September 9, 1901.

RICHARD DEVLIN,  
*Compiler of Canal Statistics.*

# CANALS

## CONSOLIDATED

### No. 23.—RATES OF TOLLS ON THE CANALS

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

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

	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.
The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.									
<i>Class No. 1.</i>									
Vessel, steam..... per ton	0 01 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 02 $\frac{1}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 01 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 01 $\frac{3}{4}$	0 0 $\frac{3}{4}$
" sail and other.....	0 02 $\frac{1}{4}$	0 02 $\frac{1}{4}$	0 03 $\frac{1}{4}$	0 01 $\frac{3}{4}$	0 01 $\frac{3}{4}$	0 02 $\frac{1}{4}$	0 01 $\frac{3}{4}$	0 02 $\frac{1}{4}$	0 0 $\frac{3}{4}$
<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 02 $\frac{1}{2}$	0 09 $\frac{3}{4}$	0 1 $\frac{1}{2}$
" under 21 years each.....	0 05	0 05	0 10	0 05	0 02	0 04	0 01 $\frac{1}{2}$	0 04 $\frac{3}{4}$	0 0 $\frac{3}{4}$
<i>Class No. 3.</i>									
Bricks, cement and water lime.....	} 15	} 0 20	} 0 20	} 0 15	} 0 10	} 0 07	} 0 06	} 0 19 $\frac{3}{4}$	} 0 1 $\frac{1}{2}$
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 2 $\frac{1}{2}$

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# REVENUE TARIFF OF TOLLS

OF THE DOMINION OF CANADA, 1900.

TRENT VALLEY CANALS.

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

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

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RATES OF TOLL

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 $\frac{1}{4}$	0 01 $\frac{1}{4}$
Barrels, empty, each	0 02	0 02	0 02	0 02	0 02	0 02	0 01	0 03 $\frac{1}{2}$	0 00 $\frac{1}{4}$
Boat knees, each	0 05	0 05	0 05	0 02	0 02	0 02	0 01	0 03 $\frac{1}{2}$	0 00 $\frac{1}{4}$
Floats, per 1,000 lineal feet	1 40	1 40	1 40	1 40	1 20	1 05	0 50	2 05	0 17 $\frac{1}{2}$
Firewood, per cord, in vessels	0 20	0 20	0 20	0 20	0 10	0 15	0 08	0 23	0 02 $\frac{1}{2}$
" " rafts	0 25	0 25	0 25	0 25	0 15	0 19	0 09	0 30 $\frac{1}{4}$	0 03 $\frac{1}{2}$
Hoops	0 25	0 25	0 25	0 20	0 15	0 15	0 10	0 30	0 02 $\frac{1}{2}$
Masts and spars, telegraph poles, per ton of 40 cubic feet, in vessels	0 15	0 15	0 15	0 05	0 05	0 08	0 07	0 13 $\frac{1}{4}$	0 00 $\frac{3}{8}$
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 $\frac{1}{2}$	0 01 $\frac{1}{4}$
Railway ties, in vessels, each	0 01	0 01	0 01	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{3}{4}$	0 00 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 0 $\frac{1}{16}$
" " rafts, each	0 02	0 02	0 02	0 01	0 01	0 02	0 01	0 02 $\frac{1}{4}$	0 00 $\frac{3}{8}$
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 $\frac{1}{4}$	0 06 $\frac{3}{4}$	0 20	0 01 $\frac{1}{2}$
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 $\frac{1}{2}$	0 03 $\frac{3}{8}$
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 $\frac{1}{2}$
" " 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 $\frac{1}{2}$	0 02 $\frac{1}{2}$	0 08	0 00 $\frac{3}{4}$
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 08	0 08	0 08	0 04	0 15	0 15	0 10	0 30	0 02 $\frac{1}{2}$
" " pipe, per M	1 50	1 50	1 50	1 00	1 00	0 75	0 50	1 75	0 12 $\frac{1}{2}$
" " West India, per M	0 75	0 75	0 75	0 60	0 25	0 45	0 25	0 65	0 07 $\frac{1}{2}$
" " 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 $\frac{1}{2}$
Traverses, per 100 pieces	0 50	0 50	0 50	0 50	0 40	0 38	0 15	0 67 $\frac{1}{2}$	0 06 $\frac{1}{4}$
Hop poles, per 1,000 pieces	2 00	2 00	2 00	2 00	1 50	1 50	0 65	2 65	0 25
<i>Special Class.</i>									
Gypsum, crude (per O.C., Oct. 28, 1892)	0 15	0 05	0 05	0 05	West ward	0 08	0 05	0 17 $\frac{3}{4}$	0 01 $\frac{1}{8}$
Coal	0 20	0 20	0 20	0 15	0 10	0 08	0 05	0 17 $\frac{3}{4}$	0 01 $\frac{1}{8}$
Stone, unwrought, corded, and not suitable for cutting, per cord	0 75	0 75	0 75	0 60	0 37 $\frac{1}{2}$	0 28	0 24	0 77 $\frac{1}{2}$	0 07 $\frac{1}{2}$
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



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ON THE CANALS—Continued.

TRENT VALLEY CANALS.

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Chargeable at Fenelon Falls.	Tolls Chargeable at Babcaygeon.	Tolls Chargeable at Buckhorn.	Tolls Chargeable at Burleigh.	Tolls Chargeable at Fenelon Falls.	Tolls Chargeable at Peterborough and Hastings.
\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 13	0 13	0 13	0 13	0 52	0 13
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 02	0 02	0 02	0 02	0 08	0 02
0 02	0 02	0 02	0 02	0 08	0 02
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{8}$	0 00 $\frac{1}{8}$	0 00 $\frac{1}{8}$	0 00 $\frac{1}{8}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{8}$
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.

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*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, on goods thereafter so becoming entitled to the above privilege, shall be refunded at Montreal. All down bound goods on which full tolls have been paid for passage through the Welland Canal shall be entitled to pass free through any or all of the 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.

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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 . . . . .	1/3
2. From Chippawa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne. . . . .	1/3
3. From Dunnville to Port Colborne. . . . .	1/3
4. From Thorold to St. Catharines or Port Dalhousie. . . . .	1/3
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places. . . . .	1/3
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson. . . . .	1/3
7. From Port Robinson to Allanburg or Thorold. . . . .	1/3
8. From Port Robinson to St. Catharines or Port Dalhousie. . . . .	1/3
9. From St. Catharines to Port Dalhousie. . . . .	1/3
10. From Dunnville to Maitland. . . . .	1/3
11. From Port Robinson through the Lock and Chippawa Cut. . . . .	1/3
12. From Port Colborne to Port Maitland. . . . .	1/3
13. From Chippawa Cut through Lock to Port Robinson. . . . .	1/3
14. From Colborne, Dunnville, Maitland and Marshville to Thorold. . . . .	1/3
15. From Colborne, Dunnville, Maitland and Marshville to St. Catharines. . . . .	1/3
16. Through the Chippawa Cut only. . . . .	1/3
17. Through the Port Robinson Lock only. . . . .	1/3

*St. Lawrence Canals.*

Sec. 15. The navigation is divided into four sections, viz., Cardinal, Cornwall, Beauharnois or Soulanges 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. . . . .	1/3

*Ottawa Canals.*

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

*Rideau Canal.*

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

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

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

*General.*

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

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

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

	Tons.		Tons.
2,000 lbs. avoirdupois. . . . .	1	Sheep, 20 . . . . .	1
Per M. is per thousand feet . . . . .		Stone, 12 cubic feet . . . . .	1
Per mille is per thousand pieces . . . . .		Stone, 1 cord . . . . .	7 $\frac{1}{2}$
Green fruit, 9 barrels are . . . . .	1	Whisky, 4 barrels or 215 gallons . . . . .	1
Ashes, 3 barrels are . . . . .	1	Empty barrels, 10 . . . . .	1
Bark, 4 cords . . . . .	1	Barrel hoops, 10 mille . . . . .	1
Beef, 7 barrels . . . . .	1	Board and other sawed lumber, 600 feet board measure . . . . .	1
Biscuit and crackers, 9 barrels . . . . .	1	Boat knees, 4 . . . . .	1
Bricks, common, 1,000 . . . . .	2	Firewood, 1 cord . . . . .	3
Butter, 22 kegs or 7 barrels . . . . .	1	Hop poles, 60 or cubic feet . . . . .	1
Cattle, 3 . . . . .	1	Shingles, 12 M. or bundles . . . . .	1
Cement and water lime, 7 barrels . . . . .	1	Split posts and fence rails, 1 mille . . . . .	1
Fire-bricks, 1,000 . . . . .	3	Staves and headings, pipe, 1 mille . . . . .	8
Fish, 7 barrels . . . . .	1	" " W. India, 1 mille . . . . .	4
Flour, 9 barrels . . . . .	1	" " barrel, 1 mille . . . . .	2 $\frac{1}{2}$
Gypsum and manganese, 6 barrels . . . . .	1	" " salt barrel, 1 mille . . . . .	0 $\frac{1}{2}$
Horses, 2 . . . . .	1	Saw-logs, standard, 1 . . . . .	0 $\frac{5}{8}$
Lard and tallow, 7 barrels or 22 kegs . . . . .	1	Square timber, 50 cubic feet . . . . .	1
Liquors and spirits, 215 gallons . . . . .	1	Telegraph poles, 10, or 40 cubic feet . . . . .	1
Liquids, all others, 215 gallons . . . . .	1	Masts and spars, 40 cubic feet . . . . .	1
Nuts, 9 barrels . . . . .	1	Railroad ties, 16, or 50 cubic feet . . . . .	1
Oysters, 6 barrels . . . . .	1	All other woodenware, or partly manufac- tured wood, 40 cubic feet as per tariff . . . . .	1
Pork, 7 barrels . . . . .	1	Traverses, 40 cubic feet, or 5 pieces . . . . .	1
Refined oil in bulk, 250 gals., O. C., July 24, '00 . . . . .	1	Floats, 50 lineal feet . . . . .	1
Salt, 7 barrels . . . . .	1		
Seeds, 9 barrels . . . . .	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 . . . . .	$\frac{1}{2}$
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.

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(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 WHARFS AND BANKS OF LACHINE CANAL.

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

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

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

## CANAL BASINS IN MONTREAL PART OF MONTREAL HARBOUR.

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

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

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

## PHOSPHATES.

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

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

Extract from the Act, Canada, 1894, c. 48, amending and consolidating the Acts relating to the Harbour Commissioners of Montreal.

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

Sec. 28. The corporation may, from time to time, levy such rates as are approved of by the Governor in Council, upon all goods landed or shipped in the harbour, moved by rail on the harbour tracks, or deposited within the harbour, except arms, ammunition and military accoutrements, and other munitions of war for the use of the Government or for the defence of the Dominion. 40 V., c. 53, s. 2, part 2. For the purposes of this section, the lower basins of the Lachine Canal shall be held to form part of the harbour of Montreal, and the corporation may levy from all vessels entering the same through the harbour for the purpose of discharging or loading there, except canal craft trading between Montreal and places above Montreal, the same rates as may be levied in the harbour and under the same regulations and penalties. In all other respects the said lower basins shall be, and remain under the jurisdiction of the Minister of Railways and Canals. 18 V., c. 143, s. 18; 40 V., c. 53, s. 2, part 2.

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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.....	6
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 wharfs for re-shipment, or transhipped in canal waters, shall pay one wharfage only.

Lumber upon which tolls have been paid for passage down the Lachine Canal, and which is reshipped from the wharfs or vessels into sea-going vessels, shall pay wharfage dues equal to one section of canal tolls, viz., 3¼ 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 Timber, &c., to include use of Basin and Wharf for one Month.	For each succeeding month during the Season of Navigation.	For Wintering in Basin or on Wharf.
	Cents.	Cents.	Cents.
Timber, square or round, of all kinds, above 12 x 12, per M cubic feet.....	25	20	35
Timber, round or flatted, of all kinds, under 12 x 12, per M lineal feet.....	20	15	30
Planks and boards to include all kinds of 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	½	2
Floats, per 100.....	10	5	10
Traverses, per 100.....	10	5	10
Fence posts and rails, per M.....	10	5	10
Staves, barrel, per M.....	8	4	8
" 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.

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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.)

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*Rideau Canal.*

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

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

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

(6) All 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 1900 ONLY.

Sec. 42. For season of 1900 the Canal Tolls for the passage of the following food products:—wheat, Indian corn, peas, 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. (O. C. Feb. 20, 1900.) Also special rates, are granted to grain, &c., carried on the O. A. & P. S. and Canada Atlantic Railway systems, from Depot Harbour to Coteau Landing and thence by Canal to Montreal, as follows, viz.:—Wheat, Indian corn, peas, barley, rye, oats, flaxseed and buckwheat, 2½ cents per ton, and all rolling and package freight, 5 cents per ton. (O. C. Feb. 20, 1900.)

Sec. 43. (a.) That for the current season of navigation of 1900, 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 12, 1900.)

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 28 1897.)

## SPECIAL RATES ON SAND AND STONE.

Sec. 43. (c.) On the recommendation of the Acting Minister of Railways and Canals, the rate of toll 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 27, 1898.)





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