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2-3 EDWARD VII.

SESSIONAL PAPER No. 20

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A. 1903

CANAL STATISTICS
SEASON OF NAVIGATION 1901

PART V

CANAL STATISTICS

FOR THE

SEASON OF NAVIGATION

1901

PART V

CANAL STATISTICS

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REASON OF NAVIGATION

1901

CANAL STATISTICS

FOR

SEASON OF NAVIGATION 1901

REVENUE.

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

For 1900.....	\$ 269,116 25
For 1901.....	250,949 57

By comparing the statistics of 1900 with 1901, it will be seen that the gross revenue has decreased \$18,166.68.

The increases and decreases are as follows :—

	Increase.	Decrease.
On the Welland Canal.....		\$ 17,354 46
" St. Lawrence Canals.....	\$ 291 33	
" Chambly Canal.....	654 17	
" Ottawa Canals.....	37 16	
" Rideau Canal.....		2,077 27
" St. Peters Canal.....	243 47	
" Trent Valley Canals.....		123 97
" Murray Canal.....	219 40	
" Sault Ste. Marie Canal.....		56 51
Total.....	\$ 1,445 53	\$ 19,612 21
Total decrease.....		18,166 68

STATEMENT of the Revenue, together with the increases and decreases of all the Canals for the seasons of Navigation from 1891 to 1901, 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
1901.....	250,949 57		18,166 68

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 May 3, 1901, authorized a reduction of canal tolls, as follows :—

For the season 1901 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 1901.

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 \$25,578.70.

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 twenty 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
1901.....	151,566	83,370	13,732

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.

* 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, in 1900, 38,403 tons, and 17,387 tons in 1901.

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

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.

For the year 1901 (O.C., May 3, 1901), the same rate of tolls was allowed as was granted for the year 1900.

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 261,954 tons in 1892 to 151,566 tons in 1901; and the quantity passed down the Welland Canal from United States ports to United States, has decreased from 201,540 to 83,370 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 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
1901.....	227,700

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 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
1901.....	203,316

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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 1900.....	295,928
1901.....	203,316
Showing a decrease of	<u>92,612</u>

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

	Tons.
For 1900.....	229,624
1901.....	227,700
Showing a decrease of	<u>1,924</u>

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

	Tons.
For 1900.....	308,945
1901.....	355,760
Showing an increase of	<u>46,815</u>

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

	Tons.
For 1900.....	4,396,441
1901.....	4,630,479
Showing an increase of	<u>234,038</u>

The increases and decreases for 1901 as compared with 1900 on the several routes, competing for the carrying trade to the seaboard, are as follows :—

	Increase.	Decrease.	Increase.	Decrease.
	Tons.	Tons.	per cent.	per cent.
On the St. Lawrence Canals.....		92,612		31·22
" Canadian Pacific and Grand Trunk Railway..		1,924		0·83
" New York Canals.....	46,815		11·92	
" " Railways.....	234,038		5·32	

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 311,400 tons in 1890 to 175,169 tons in 1901, and the quantity to Ontario ports, between Port Dalhousie and Cornwall, and from 144,301 tons in 1890 to 142,346 tons in 1901. The quantity passed down to Montreal shows a decrease from 235,972 tons in 1890 to 184,420 tons in 1901.

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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.
1887, 284 Cargoes, with an aggregate quantity of	178,233
1888, 182 " "	143,025
1889, 208 " "	165,117
1890, 203 " "	184,275
1891, 209 " "	190,664
1892, 158 " "	159,018
1893, 146 " "	148,962
1894, 125 " "	159,145
1895, 123 " "	136,617
1896, 196 " "	227,912
1897, 180 " "	229,265
1898, 166 " "	224,021
1899, 162 " "	221,306
1900, 325 " "	183,200
1901, 112 " "	132,558

In the United States vessels there were in—

	Tons.
1887, 19 Cargoes, with an aggregate quantity of	12,477
1888, 60 " "	43,667
1889, 114 " "	108,358
1890, 35 " "	35,560
1891, 77 " "	90,153
1892, 89 " "	109,812
1893, 257 " "	328,269
1894, 84 " "	106,236
1895, 56 " "	73,987
1896, 158 " "	217,978
1897, 197 " "	285,847
1898, 339 " "	464,852
1899, 167 " "	205,571
1900, 259 " "	163,575
1901, 135 " "	123,229

Twenty-three Canadian and two American vessels took cargoes of 17,303 tons through to Montreal intact in 1901, 15 of 7,924 tons 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. Three vessels lightened a portion of their cargoes in 1901, 9 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 ; 222 vessels discharged the whole of their cargoes at Kingston in 1901, 540 in 1900, 316 in 1899, 473 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 1901 and the four previous years is given below.

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The total number of grain laden vessels lightened at this port in 1901 was 98 against 68 the previous year.

The quantity of grain lightened was as follows:—

Articles.	1897.	1898.	1899.	1900.	1901.
	Bush.	Bush.	Bush.	Bush.	Bush.
Wheat.....	642,927	239,518	390,162	272,609	393,490
Corn.....	697,508	313,689	638,143	448,256	556,911
Rye.....	Nil	37,380	7,065	Nil	Nil
Oats.....	12,527	Nil	Nil	Nil	76,236
Barley.....	5,119	5,669	Nil	Nil	27,115

WELLAND CANAL.

The total quantity of freight passed on the Welland Canal during the season of 1901 was 620,209 tons; of this quantity 15,259 tons were way or local freight.

There were 513,804 tons of freight passed eastwards, and 106,405 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 1901 was 604,950 tons.

Of this quantity 501,935 tons were east bound and 103,015 west bound freight.

Of the east bound through freight, Canadian vessels carried 271,087 tons and United States vessels carried 230,848 tons; and of the west bound through freight Canadian vessels carried 5,732 tons, and United States vessels carried 83,569 tons, or a total of 276,819 tons for Canadian and 314,417 tons for American vessels.

ST. LAWRENCE CANALS.

The total quantity of freight passed through these canals during 1901 was 1,208,296 tons, of this quantity 1,012,211 tons passed eastward and 196,085 passed westward.

East and west bound Through freight.

The total quantity of through freight was 585,385 tons; of this quantity 549,974 tons were east bound and 35,411 tons were west bound.

Way freight.

Of the total quantity of (way) or local freight 462,237 tons were east bound and 160,674 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.
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
1901.....	184,420	13,714

THROUGH FREIGHT FROM UNITED STATES PORTS TO UNITED STATES PORTS.

The total quantity of through 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.
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.....	218,969	99,560	318,529
1901.....	190,476	83,543	274,019

The total quantity of freight passed through the Welland Canal from United States ports to United States ports shows a decrease of 41,549 tons, as compared with the previous year; and a decrease of 63,521 tons, as compared with 1887.

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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 1901, inclusive:—

Fiscal Year.	Aggregate number of vessels.	Total quantity transported on the Welland Canal.	Quantity passed from United States ports to United States ports.
	Number.	Tons.	Tons.
1867	5,405	933,260	458,886
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	1,294,323	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
1901	1,547	620,209	276,980

The total quantity of freight passed through the several divisions of the canals during the season of 1901 is as follows:—

	Farm Stock.	Forest Produce of Wood.	Manufactures.	Merchandise.	Agricultural Products.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland	5	85,538	46,343	186,964	301,359	620,209
St. Lawrence	1,338	99,333	79,462	468,755	589,408	1,208,296
Chambly	275	196,668	12,697	119,670	30,488	359,798
Ottawa	1,138	434,343	729	2,916	6,736	445,862
Rideau	2	21,771	2,261	28,925	3,417	56,376
St. Peters	19	18,115	6,085	53,064	10,974	88,257
Murray	16	9,223	2,198	14,331	3,767	29,535
Trent Valley	188	35,573	114	78	579	36,532
Sault Ste. Marie	497	41,732	69,969	2,213,087	495,109	2,820,394

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The total quantity of freight moved on the Welland Canal was 620,209 tons, of which 301,359 tons were agricultural products.

On the St. Lawrence Canals the total quantity of freight moved was 1,208,296 tons, of which 589,408 were agricultural products, and 468,755 tons were merchandise.

On the Ottawa Canals the total quantity of freight moved was 445,862 tons, of this quantity 434,343 tons were the produce of the forest.

STATISTICAL COMPARISON OF VARIOUS UNITED STATES ROUTES.

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

By reference to statement H, as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by the New York Canals was 557,099 tons in 1901, 472,857 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 Railways being :—

	Tons.		Tons.
In 1901.....	6,334,001	In 1887.....	*3,847,766
1900.....	6,053,005	1886.....	*3,802,262
1899.....	6,211,827	1885.....	4,105,594
1898.....	7,060,542	1884.....	3,639,805
1897.....	5,673,638	1883.....	4,422,461
1896.,.....	5,183,540	1882.....	3,885,557
1895.....	3,798,574	1880.....	4,732,385
1894.....	4,281,056	1869.....	1,087,809
1893.....*	5,107,426		
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-three 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
1901.....	557,099	6,334,001	6,891,100	081

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

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

	Per cent.		Per cent.
In 1859.....	68·9	In 1885.....	17·1
1869.....	47·0	1886.....	16·9
1870.....	38·9	1887.....	16·3
1871.....	38·9	1888.....	18·8
1872.....	40·1	1889.....	15·1
1873.....	34·9	1890.....	13·9
1874.....	31·7	1891.....	13·4
1875.....	28·4	1892.....	9·8
1876.....	24·6	1893.....	10·1
1877.....	28·3	1894.....	10·2
1878.....	27·1	1895.....	9·7
1879.....	23·7	1896.....	8·5
1880.....	25·1	1897.....	8·3
1881.....	18·5	1898.....	6·9
1882.....	19·0	1899.....	7·2
1883.....	18·7	1900.....	5·2
1884.....	19·0	1901.....	5·1

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The quantity of freight carried by the canals and railways was greater in 1901 by 217,296 tons than the quantity carried in 1900, and an increase of 53,187,663 tons over 1869.

The quantities carried were as follows :—

	Total Tonnage.	Proportion by canals.
In 1859	5,485,076	·6890
1869	12,453,174	·4705
1870	15,148,274	·3895
1871	15,844,152	·3896
1872	16,631,609	·4012
1873	18,200,208	·3497
1874	18,283,547	·3174
1875	17,101,758	·2841
1876	16,948,627	·2462
1877	17,489,770	·2833
1878	19,017,301	·2719
1879	22,590,766	·2373
1880	25,706,586	·2512
1881	27,857,394	·1859
1882	28,693,054	·1905
1883	30,167,119	·1877
1884	26,293,844	·1905
1885	27,543,948	·1718
1886	31,168,744	·1698
1887	34,029,791	·1632
1888	26,244,610	·1883
1889	35,466,042	·1514
1890	37,624,199	·1394
1891	38,524,179	·1343
1892	43,618,569	·0982
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
1901	65,640,837	·0506

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

Year.	Wheat.	Year.	Wheat.
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	1901.....	1·6
1890.....	1·9		
1891.....	2·5		
1892.....	2·2		
		Average twenty-one years.	2·3

COMPARATIVE STATEMENT of the Commerce through the United States St. Mary's Falls Canal and Canadian Sault Ste. Marie Canal,
for the Seasons of 1900 and 1901.

		TRAFFIC FOR 1901.		TOTAL TRAFFIC FOR		INCREASE.	DECREASE.
		United States Canal.	Canadian Canal.	Season of 1901.	Season of 1900.	Amount.	Amount.
Vessels	Number.	15,837	4,204	20,041	19,459	591	
Lockages.....	"	8,411	2,910	11,321	10,684	637	
Tonnage registered	Net tons.	22,222,534	2,449,748	24,672,082	22,331,530	2,340,552	
" freight.....	"	25,582,038	2,820,394	28,402,432	25,643,031	2,759,401	
Passengers.....	Number.	29,701	30,031	59,732	58,593	1,139	
Coal (hard).....	Net tons.	730,441	77,702	808,143	512,575	295,568	
" (soft)	"	3,352,752	432,691	3,785,443	3,982,412		196,969
Flour.....	Barrels.	6,432,064	1,245,243	7,677,307	6,771,402	905,905	
Wheat.....	Bushels.	43,217,104	9,639,627	52,856,731	40,616,807	12,239,924	
Grain (excluding wheat).....	"	22,056,333	2,709,425	24,765,758	16,181,659	8,584,099	
Manufactured and pig iron.....	Net tons.	151,502	29,259	180,761	140,661	40,100	
Salt.....	Barrels.	389,889	48,836	438,725	330,958	107,767	
Copper.....	Net tons.	86,903	11,798	98,701	132,106	33,405	
Iron ore.....	"	16,493,916	1,596,549	18,090,465	16,439,208	1,551,257	
Lumber.....	Ft. B.M.	1,060,880,000	12,553,948	1,073,433,948	905,528,806	167,905,142	
Silver ore.....	Net tons.		54	54	110	56	
Building stone.....	"	42,309	5,128	47,437	47,388	49	
* Unclassified freight.....	"	431,564	165,622	597,186	541,272	55,914	

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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 "
1901	230 "

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

1895	87 days.
1896	218 "
1897	238 "
1898	243 "
1899	239 "
1900	238 "
1901	246 "

The average number of vessels passing per day through the two canals for the season of 1901 was eighty-four.

R. DEVLIN,
Compiler of Canal Statistics.

OTTAWA, September 2, 1902.

EXPORTS by Lake from Chicago to Canada during the Season of Navigation in 1901.

(From Report of Board of Trade of Chicago.)

Commodities.	Quantity.	Value.
		\$ cts.
Wheat	4,943,985	3,562,438 00
Corn.....	3,213,681	1,508,137 00
Oats.....	565,605	167,296 00
Rye.....	209,520	112,441 00
Flaxseed	233,002	362,225 00
Flour	17,545	60,117 00
Oil cake.....	18,129	72,595 00
Pork	7,595	113,910 00
Lard.....	4,550	131,001 00
Cured meats.....	1,015	51,192 00
Agricultural implements	11,323	193,448 00
Lumber	1,498	30,621 00
Manufactured iron.....	20,120	467,249 00
Unclassified	5,570	221,043 00

GRAIN FREIGHTS BY LAKE, SEASON OF 1901.

The following were the current rates on Wheat and Corn from Chicago to Buffalo, Ogdensburg, Prescott and Depot Harbor ; also from Buffalo to New York by Erie Canal, for each week during the Season of Navigation in 1901.

1901.	TO BUFFALO.		TO OGDENSBURG.		TO PRESCOTT.		TO DEPOT HARBOR.		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 20	2	1								
" 27	2	1								
May 4	2	1					2 1/2	2	3 1/2	
" 11	2	1					2 1/2	2	3 1/2	
" 18	2	1	4	4 1/2		3 3/4	4	3 1/2	3 1/2	
" 25	1	1		3 3/4		3 3/4		1	3 1/2	2 1/2
June 1	1	1		3 3/4		3		1	3 1/2	2 1/2
" 8	1	1	3 1/2	3 1/2		3		1	3 1/2	2 1/2
" 15	1	1				2 5/8		1	3 1/2	2 1/2
" 22	1	1				2 7/8	2 7/8	1	3 1/2	2 1/2
" 29	1	1				2 7/8		1	3 1/2	2 1/2
July 6	1	1		3 1/8		2 7/8	2 7/8	1	3 1/2	2 1/2
" 13	1	1		3 1/8		2 7/8		1	3 1/2	2 1/2
" 20	1	1	3 1/2					1	3 1/2	2 1/2
" 27	1	1		3 1/8		3		1	3 1/2	2 1/2
Aug. 3	1	1		3 1/8		3		1	3 1/2	2 1/2
" 10	1	1		3 1/8				1	3 1/2	2 1/2
" 17	1	1	3 1/2	3 1/8		3		1	3 1/2	2 1/2
" 24	1	1		3 1/8		3	3	1	3 1/2	2 1/2
" 31	1	1				3 1/2		1	3 1/2	2 1/2
Sept. 7	1	1		3 1/8			3 1/2	1	3 1/2	2 1/2
" 14	1	1		3 1/8				1	3 1/2	2 1/2
" 21	1	1		3 1/8				1	3 1/2	2 1/2
" 28	1	1		3 1/8			3 1/2	1	3 1/2	2 1/2
Oct. 5	1	1		3 1/8				1	3 1/2	2 1/2
" 12	1	1		3 1/8			3 1/2	1	3 1/2	2 1/2
" 19	1	1		3 1/8				1	3 1/2	2 1/2
" 26	1	1	4	3 1/8				1	3 1/2	2 1/2
Nov. 2	1	1		3 1/8				1	3 1/2	2 1/2
" 9	1	1		3 1/8				1	3 1/2	2 1/2
" 16	1	1		3 1/8				2 1/2	4 1/2	3 1/2
" 23	2 1/2	2		3 1/8				2 1/2	4 1/2	3 1/2
" 30	1	1		3 1/8				2 1/2	4 1/2	3 1/2
Dec. 7	2 1/4	2								

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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 1901 (as reported by the Secretary of the Merchants' Exchange, Buffalo).

1901.	Wheat, Bushels.	Corn, Bushels.	1901.	Wheat, Bushels.	Corn, Bushels.
	Cts.	Cts.		Cts.	Cts.
April 19	2 $\frac{1}{4}$		June 21..	1 $\frac{1}{2}$	1 $\frac{1}{4}$ to 1 $\frac{3}{8}$
" 20	2 $\frac{1}{4}$	2 $\frac{1}{8}$	" 22..	1 $\frac{1}{2}$	1 $\frac{3}{8}$
May 1	2 $\frac{1}{4}$		July 10	1 $\frac{1}{2}$	
" 8	2 $\frac{1}{4}$		" 11	1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 9	2		" 13	1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 10		1 $\frac{7}{8}$	" 26	1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 11	2		Aug. 2	1 $\frac{1}{2}$	1 $\frac{3}{4}$
" 13	1 $\frac{7}{8}$	1 $\frac{3}{4}$	" 12	1 $\frac{1}{2}$	1 $\frac{3}{4}$
" 14	1 $\frac{7}{8}$ to 1 $\frac{1}{4}$	1 $\frac{3}{4}$ to 1 $\frac{1}{2}$	" 22	1 $\frac{1}{2}$	1 $\frac{3}{4}$
" 15	1 $\frac{7}{8}$ to 2	1 $\frac{3}{4}$ to 1 $\frac{1}{2}$	" 23	1 $\frac{3}{8}$ to 1 $\frac{1}{2}$	1 $\frac{3}{4}$ to 1 $\frac{3}{8}$
" 16	1 $\frac{7}{8}$	1 $\frac{3}{4}$	" 24	1	1 $\frac{3}{4}$
" 17	1 $\frac{3}{4}$ to 1 $\frac{1}{4}$	1 $\frac{3}{8}$ to 1 $\frac{1}{2}$	Oct. 1		1 $\frac{3}{4}$
" 18	1 $\frac{3}{4}$	1 $\frac{3}{8}$	" 4	1	1 $\frac{3}{4}$
" 20	1 $\frac{3}{8}$	1 $\frac{3}{8}$	" 21	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 21		1 $\frac{3}{8}$	" 23	1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 22	1 $\frac{3}{8}$	1 $\frac{3}{8}$	" 29	1 $\frac{1}{2}$	1 $\frac{3}{4}$
" 24	1 $\frac{3}{8}$		Nov. 4	1 $\frac{1}{2}$	
" 25	1 $\frac{3}{8}$	1 $\frac{1}{2}$ to 1 $\frac{1}{2}$	" 5	1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 27	1 $\frac{3}{8}$ to 1 $\frac{1}{2}$	1 $\frac{1}{2}$ to 1 $\frac{1}{2}$	" 6	1 $\frac{1}{2}$	1 $\frac{3}{8}$
" 28	1 $\frac{3}{8}$ to 1 $\frac{1}{2}$	1 $\frac{1}{2}$	" 7	2	1 $\frac{3}{8}$
" 29	1 $\frac{3}{8}$	1 $\frac{1}{2}$	" 8	2	2
" 31	1 $\frac{3}{8}$	1 $\frac{1}{2}$	" 9	2 to 2 $\frac{1}{8}$	2
June 1		1 $\frac{1}{2}$	" 11	2	2
" 5	1 $\frac{1}{2}$		" 12	2	2
" 6		1 $\frac{1}{2}$	" 13	2 to 2 $\frac{1}{8}$	1 $\frac{7}{8}$ to 2
" 7		1 $\frac{1}{2}$	" 14	2 to 2 $\frac{1}{8}$	2
" 10		1 $\frac{1}{2}$ to 1 $\frac{1}{2}$	" 16	2 $\frac{1}{8}$	2 $\frac{1}{4}$
" 11	1 $\frac{5}{8}$	1 $\frac{1}{2}$	" 25	2 $\frac{1}{4}$	
" 17	1 $\frac{5}{8}$	1 $\frac{1}{2}$ to 1 $\frac{1}{2}$	" 27	1 $\frac{7}{8}$ to 2	
" 18	1 $\frac{5}{8}$	1 $\frac{1}{2}$	" 29 to close		1 $\frac{3}{4}$
" 20	1 $\frac{1}{2}$	1 $\frac{1}{2}$			

Rates from Milwaukee about the same as from Chicago.

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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.)

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
Grain, bushel.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
1892 { Wheat.....	1·9	1·8	2·0	2·3	2·3	2·3	2·6
{ 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
{ Corn.....	1·2	1·6	1·1	1·2	1·5	1·9	1·8
Highest rate, wheat, 1893, 2½c.; lowest, 1c.; average for the season, 1·6c.							
1894 { Wheat.....	1·4	1·2	0·9	1·0	1·4	1·1	1·3
{ 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
{ 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
{ 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
{ 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
{ 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
{ Corn.....	1·8	1·9	2·0	2·3	3·2	3·4	2·3
Highest rate, wheat, 1899, 3¼c.; lowest, 1½c.; average for the season, 2·5c.							
1900 { Wheat.....	1·8	1·9	2·1	1·6	1·7	1·7	2·0
{ Corn.....	1·6	1·7	2·0	1·5	1·6	1·5	1·8
Highest rate, wheat, 1900, 3c.; lowest, 1¼c.; average for the season, 1·8c.							
1901 { Wheat.....	1·9	1·5	1·6	1·3	1·6	1·3	2·0
{ Corn.....	1·8	1·3	1·4	1·2	1·5	1·2	1·2
Highest rate, wheat, 1901, 2½c.; lowest, 1¼c.; average for season, 1·60c.							

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 1901 :—

1901.	Wheat Bushels.	1901.	Wheat Bushels.
	Cts.		Cts.
May 1.....	2½	October 2.....	2¼
" 13.....	2	" 14.....	2½
" 27.....	1½	" 19.....	2½
June 1.....	1½	" 23.....	2¼
" 17.....	2	" 28.....	3
" 24.....	2½	November 2.....	3
July 1.....	2½	" 4.....	3½
" 13.....	2½	" 18.....	3½
" 27.....	1½	" 21.....	3¼
August 5.....	1½	To end of season	3
" 24.....	1½		
September 2.....	2½		
" 30.....	2½		

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In 1885 the range of freights on wheat, Duluth to Buffalo, was $1\frac{1}{2}$ to 5c.; in 1886, $3\frac{1}{4}$ to 8c.; in 1887, 5 to 8c.; in 1888, 2 to 5c.; in 1889, 2 to 5c.; in 1890, 2 to 5c.; in 1891, $1\frac{1}{4}$ to $9\frac{1}{2}$ c.; in 1892, $2\frac{1}{4}$ to 4c.; in 1893, $1\frac{1}{4}$ to $3\frac{1}{2}$ c.; in 1894, $1\frac{1}{4}$ to 3c.; in 1895, 2 to 6c.; in 1896, $1\frac{1}{4}$ to 3c.; in 1897, 1 to $2\frac{1}{2}$ c.; in 1898, 1 to $3\frac{1}{2}$ c.; in 1899, $2\frac{1}{2}$ to 6c.; in 1900, $1\frac{1}{2}$ to $3\frac{3}{4}$ c.; and in 1901, $1\frac{1}{8}$ to $3\frac{3}{4}$ c. per bushel.

The first departure by lake, at Duluth, in 1901 was on May 6; 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 $6\frac{1}{4}$ to $7\frac{3}{4}$ c.; in 1888, at 4 to 5c.; in 1889, at —, in 1890, $5\frac{3}{4}$, $5\frac{1}{2}$, $4\frac{1}{2}$, $4\frac{1}{4}$, 4c.; in 1891, during May, $3\frac{3}{4}$, $3\frac{1}{2}$, $2\frac{1}{2}$ c.; during June, 3c.; and on July 25, $2\frac{1}{2}$ c.; in 1892, 5c. in April; 5 to $5\frac{1}{4}$ c. in May; 4c. in June; $4\frac{1}{2}$ c. in July; 3c. in August; 6 to $6\frac{1}{4}$ c. in October; in 1893, ranged from $5\frac{1}{2}$ to $4\frac{1}{2}$ c. in April; $4\frac{1}{2}$ to $4\frac{3}{4}$ c. in May; 4 to $3\frac{1}{2}$ c. in June; $2\frac{3}{4}$ to 3c. in July; $3\frac{1}{2}$ to $3\frac{3}{4}$ c. in September; no figures quoted after that date. In 1894 ranged from $3\frac{1}{4}$ to $3\frac{1}{2}$ c. in May; $3\frac{1}{2}$ c. in June; $2\frac{1}{2}$ c. in July; $2\frac{1}{2}$ to $3\frac{1}{4}$ c. in August; 4c. in September, and $4\frac{1}{4}$ c. in October. On August 25 and November 3, 1894, wheat to Ogdensburg, at $3\frac{1}{4}$ c. and $4\frac{1}{2}$ c., respectively. In 1895, wheat to Kingston from 3c. to 5c. In 1896, wheat to Kingston from 3c. to $5\frac{1}{2}$ c.; and in 1897, wheat to Kingston 3c. to $3\frac{1}{2}$ c., according to time of year; 1898 and 1899 not given.

LAKE FREIGHTS FROM TOLEDO TO BUFFALO ON WHEAT.

The following statements show the ruling rates of Lake Freights, on wheat from Toledo to Buffalo, during the season of 1901 on the dates specified, as reported by the Secretary Merchants Exchange Buffalo.

Date, 1901.	Wheat and Corn per Bushels.	Date, 1901.	Wheat Bushels.
	Cts.		Cts.
Opening to July 7.	$1\frac{1}{4}$	August 1 to close of season.	$1\frac{1}{4}$
July 7 to August 1.	$2\frac{1}{4}$		

The range for 1886 was $1\frac{3}{4}$ to 3c.; for 1887, $2\frac{1}{4}$ to 3c.; for 1888, $1\frac{1}{2}$ to $2\frac{1}{2}$ 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.; for 1900, $1\frac{1}{2}$ to 2c., and for 1901, $1\frac{1}{4}$ to $1\frac{1}{2}$ c.

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.

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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 1901 (as reported by the Secretary, Merchants' Exchange, Buffalo.

Date, 1901.	Wheat Bushels.	Corn Bushels.	Date, 1901.	Wheat Bushels.	Corn Bushels.
	Cts.	Cts.		Cts.	Cts.
May 7	3½	.....	Sept. 30	4	3¾
" 24	3¼	2¾	Nov. 7	4½	3¼
August 19	3¼	3	" 16	4¼	3¼
Sept. 18	3½	3¼	Nov. 20 to close	4¾	4½

The freight on oats varied from 2½ to 2½c. per bushel. Pine lumber, per 1,000 feet, was carried from Buffalo to Tonawanda to New York as follows: Opened at \$1.75; June, July, August, \$1.75; September, \$1.75 to \$2; October, \$2 to close \$2.10. Rates to Albany opened \$1.25; June, July, August, \$1.35; September, \$1.35 to \$1.60 to close \$1.75.

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.
1892 { Wheat.....	2·7	2·2	2·4	3·0	3·8	4·7	4·6
{ 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
{ 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
{ 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
{ 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
{ 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
{ 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
{ 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
{ 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
{ 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.							
1901 { Wheat.....	3·4	3·2	3·2	3·2	3·3	4·0	4·1
{ Corn	2·7	2·8	2·8	2·9	3·1	3·7	3·8
Highest rate, wheat, 1901, 4¾c. ; lowest, 3¼c. ; average for the season, 3·5c.							

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	1 1/4
1871	61,319,313	12.6	3.1	1 1/4
1872	58,703,666	13.0	3.1	1 1/4
1873	65,498,955	11.4	3.1	1 1/4
1874	55,660,198	10.0	3.1	1 1/4
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	1
1899*	153,393,184	3.0	do	1
1900*	157,655,968	2.5	do	1
1901	132,646,828	3.5	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	‡ .0407	.0472	.0919	‡ .0449	.0510	.0996
1901	‡ .0461	.0516	.0921	‡ .0511	.0554	.0988

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.	1901.	1900.	1899.	1898.	1897.
		\$	\$		\$	\$
Liverpool	Grain ..	2147	2498	2972	3435	3360
"	Sacked flour	2300	2790	3012	3766	3681
"	Provisions ..	3600	4884	4050	4715	4440
Glasgow	Grain ..	2410	3098	3235	3600	3523
"	Sacked flour	2438	3156	3125	3906	3906
"	Provisions ..	4516	5531	4469	5250	5250
London	Grain ..	2323	3110	3060	3500	3400
"	Sacked flour	2550	3501	3350	3725	3612
"	Provisions ..	4475	5587	4414	4969	4814
Antwerp	" ..	4625	5109	4750	5250	5109
Hamburg	" ..	4400	5000	4600	5200	5100
Amsterdam	" ..	4500	5100	4700	5250	5200
Rotterdam	" ..	4500	5100	4700	5250	5200
Copenhagen	" ..	4775	5531	5172	5813	5728
Stockholm	" ..	5325	6450	6297	6925	6853
Stettin	" ..	4775	5531	5172	5813	5728
Bordeaux	" ..	5425	6412	5912	6575	6413

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

The following statement shows the average freight rate on Coal, per net ton, in cents, from Buffalo to the ports named, during the seasons of 1900 and 1901.

—	1901.	1900.
Freight on hard Coal, Buffalo to Chicago, per ton.....	50·2	48·5
" " " Milwaukee, ".....	50·2	48·5
" " " Duluth, ".....	38·4	39·5

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 1901 inclusive.

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 Northwest Territories.	British Columbia.	Newfoundland and Labrador.	Total.	Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, Ontario, Manitoba and the Northwest Territories.	British Columbia.	Newfoundland and Labrador.	Total.
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1873.....	495,289	12,894,164	5,240		13,394,693	5,282,290	21,320,174	181,720		26,784,184
1874.....	449,655	13,616,344	97,691		14,163,690	7,150,036	19,843,169	317,534		27,310,739
1875.....	443,570	17,342,933	256,074		18,042,577	8,999,596	20,283,639	517,060		29,800,295
1876.....	261,443	22,134,275	195,047	1,137	22,591,902	9,102,600	14,658,358	658,836	94	24,419,888
1877.....	160,658	12,092,619	218,418		12,471,695	2,879,422	15,551,238	544,018	2,475	18,977,153
1878.....	163,978	11,627,114	412,966		12,204,058	951,268	11,436,470	524,013	934	12,912,685
1879.....	194,129	11,606,832	280,079	55	12,081,095	889,539	11,520,877	476,824	2,347	12,889,587
1880.....	215,131	16,782,315	137,271		17,134,717	1,643,716	14,866,663	531,436	288	17,042,103
1881.....	171,383	16,758,108	72,555		17,002,046	1,778,836	20,857,827	719,268	333	23,356,264
1882.....	164,990	28,265,083	113,018	87	28,543,178	2,732,665	34,005,845	855,784	1,190	37,595,484
1883.....	561,791	29,204,031	36,973	25	29,802,820	2,455,557	35,878,389	971,307	7,335	39,312,568
1884.....	656,233	12,574,953	188,041		13,419,227	1,740,900	19,717,466	1,475,833	5,186	22,939,385
1885.....	933,806	12,280,483	308,691	633	13,523,613	1,635,442	16,448,942	1,615,293	781	19,700,458
1886.....	1,165,973	9,303,864	359,104	32,079	10,861,020	2,040,298	16,369,429	1,825,178	6,174	20,241,079
1887.....	1,684,730	9,606,175	213,816		11,504,721	1,621,748	19,930,296	635,841	70	22,187,955
1888.....	1,525,048	6,417,701	372,934	27,134	8,542,817	1,781,028	13,459,169	370,322	1,137	13,611,656
1889.....	2,596,233	8,355,178	294,859	89,853	11,336,123	2,484,787	18,993,957	665,527	2,704	22,146,975
1890.....	3,070,657	12,449,772	306,897	174,584	16,001,910	5,277,210	21,140,198	913,106	4,690	27,335,204
1891.....	3,859,079	15,310,945	422,806	187,640	19,780,470	5,605,614	21,695,992	547,144	34,273	27,883,023
1892.....	4,393,062	19,005,704	201,373	328,116	23,928,255	2,079,783	24,189,181	428,188	6,962	26,704,114
1893.....	1,009,597	16,404,425	89,565	381,986	17,885,573	2,052,357	20,232,400	409,055	26,289	22,720,111
1894.....	1,070,676	15,649,881	348,069	273,467	17,342,093	1,831,417	17,880,688	463,471	6,640	20,182,216
1895.....	1,199,782	17,774,108	411,557	236,415	19,621,862	1,834,745	19,320,714	558,991	7,844	21,722,294
1896.....	1,118,185	18,038,931	582,469	404,020	20,143,605	1,572,783	19,441,279	772,586	1,768	21,788,416
1897.....	1,118,055	22,497,151	611,322	367,295	24,593,823	1,682,538	17,660,211	1,312,797	8,130	20,663,676
1898.....	1,440,950	35,596,039	1,744,289	555,706	39,336,984	1,536,413	22,400,622	2,294,356	19,247	26,250,638
1899.....	1,618,399	30,673,265	3,708,928	561,129	36,561,721	1,215,518	19,605,819	4,686,559	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
1901.....	1,788,641	38,382,558	4,070,940	503,970	44,746,109	1,161,875	24,634,780	4,687,000	71,924	30,555,579

TOTAL VALUE of Merchandise received from the Principal and other Foreign Countries for Immediate Transit across United States Territory or for Immediate Transshipment in Ports of the United States to other Foreign Countries, and so shipped, for each Year from 1868 to 1901 inclusive.

Year ending June 30.	COUNTRIES FROM WHICH RECEIVED.						COUNTRIES TO WHICH SHIPPED.						Total Value of Merchandise received and shipped.
	Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.	Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1868....	10,664,576	132,074	4,864,209	14,967	4,263,621	1,576,157	2,025,023	3,212,123	14,375,419	481,643	116,521	1,304,875	21,516,604
1869....	10,891,698	150,382	5,852,678	60,715	2,373,474	1,767,037	2,693,525	1,547,602	15,033,821	448,300	72,875	1,299,861	21,095,984
1870....	10,210,455	302,806	7,215,973	103,977	3,309,227	2,049,422	2,946,053	2,116,249	16,689,037	321,331	135,915	983,275	23,191,860
1871....	13,473,915	322,110	7,954,060	344,179	1,367,573	1,913,200	4,031,319	1,033,307	18,406,475	346,872	345,224	1,211,840	25,375,037
1872....	17,633,231	227,232	9,276,169	174,104	2,227,422	1,847,162	2,743,494	2,263,819	24,042,790	358,151	179,570	1,797,496	31,385,320
1873....	19,144,815	250,704	13,394,693	286,607	5,737,904	1,284,462	5,144,175	5,622,325	26,784,184	235,113	319,771	1,993,617	40,099,185
1874....	18,832,900	211,907	14,163,690	151,920	4,563,869	926,390	5,391,201	3,866,642	27,310,739	665,214	520,493	1,096,387	38,850,676
1875....	18,657,276	325,648	18,042,577	115,527	1,759,308	1,785,947	7,229,312	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	1,977,200	11,504,721	111,635	6,780,853	4,720,760	10,052,219	4,353,992	22,187,955	2,002,476	608,121	3,561,358	42,766,121
1888....	13,707,240	1,817,511	8,342,817	120,497	4,820,846	4,534,298	6,853,195	2,551,043	15,611,656	3,766,180	563,539	3,997,596	33,343,209
1889....	19,080,647	2,582,456	11,336,123	296,564	9,054,736	5,052,610	9,233,659	4,581,064	22,146,975	4,781,110	892,158	5,768,287	47,403,253
1890....	20,664,427	2,735,546	16,002,384	639,050	9,759,256	5,898,763	10,656,465	5,097,434	27,335,678	4,944,149	1,215,399	6,450,301	55,699,426
1891....	20,879,851	2,819,238	19,780,470	565,338	6,977,901	6,475,119	11,968,808	3,640,940	27,883,023	5,052,318	966,851	7,985,977	57,497,917
1892....	21,334,783	2,930,571	23,928,255	1,383,455	11,054,445	8,936,228	20,141,862	6,995,419	26,704,114	4,953,911	1,472,980	9,299,451	69,567,737
1893....	20,387,339	3,466,885	17,885,573	1,652,200	10,131,171	14,426,669	18,511,287	7,986,637	22,720,111	4,607,549	2,034,761	12,089,492	67,949,837
1894....	19,641,622	3,717,740	17,342,093	1,858,367	9,916,742	19,031,011	18,394,865	11,154,933	20,182,216	4,543,455	2,586,919	16,645,187	71,507,575
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
1901....	21,771,394	4,681,613	44,746,109	4,659,259	15,680,902	14,821,842	37,506,242	14,204,010	30,555,579	8,110,116	3,577,929	12,407,243	106,361,119

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 1901 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	300,512,231		153,154,748	285,979,781		289,956,772	586,492,012	876,448,784	33.1
1870		153,237,077	309,140,510		199,732,324	329,786,978		352,969,401	638,927,488	991,896,889	35.6
1871	15,187,354	163,285,710	363,020,644	7,798,156	190,378,462	392,801,932	22,985,510	353,664,172	755,822,576	1,132,472,258	31.2
1872	17,635,681	177,286,302	445,416,783	10,015,089	168,044,799	393,929,579	27,650,770	345,341,101	839,346,362	1,212,328,233	28.5
1873	17,070,548	174,739,834	471,806,765	10,799,430	171,566,758	494,915,886	27,869,978	346,306,592	966,723,651	1,340,899,221	25.8
1874	14,513,335	176,027,778	405,320,135	8,509,205	174,424,216	533,885,971	23,022,540	350,451,994	939,206,106	1,312,680,640	26.7
1875	13,083,859	157,872,726	382,949,568	7,304,356	156,885,066	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

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	203,805,108	1,217,063,541	1,487,533,027	13.70
1890.....	40,621,361	124,948,948	623,740,100	32,949,902	77,502,138	747,376,644	73,576,263	202,451,086	1,371,116,744	1,647,139,093	12.29
1891.....	40,932,755	127,471,678	676,511,763	31,923,439	78,968,047	773,589,324	72,856,194	206,439,725	1,450,101,087	1,729,397,006	11.94
1892.....	39,726,595	139,139,891	648,535,976	33,220,629	81,033,844	916,023,675	72,947,224	220,173,735	1,564,559,651	1,857,680,610	11.85
1893.....	44,121,094	127,095,434	695,184,394	43,862,947	70,670,073	733,132,174	87,984,041	197,765,507	1,428,316,568	1,714,066,116	12.2
1894.....	29,623,095	121,561,193	503,810,334	49,221,427	73,707,023	769,212,122	78,844,522	195,268,216	1,273,022,456	1,547,135,194	13.3
1895.....	33,201,988	108,229,615	590,538,362	49,902,754	62,277,581	695,357,830	83,194,742	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
1901.....	47,100,814	93,055,493	683,015,858	111,900,931	84,343,122	1,291,520,938	159,001,745	177,398,615	1,974,536,796	2,310,937,156	8.2

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.

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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 1901.

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	853,952	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.....	28,248,779	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
1901.....	37,680,071	7,066,038	44,746,109	27,899,903	2,655,676	30,555,579

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

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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
1901.....	747	214,854	87,392	55,502	88,521	10,326	99,757

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

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on all Canals in the State of New York, during a series of thirty-three 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	931,692
744,575	5,080	71,117	66,879	646,803	76,311	866,190
653,027	6,288	101,216	85,525	626,616	73,199	892,844
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
557,099	79	30,110	100,080	774,538	90,656	996,093

2-3 EDWARD VII., A. 1903

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

Year.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. †
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	45,674	313,825	120,599	20,951	.....	904	1,937
1872.....	26,651	239,998	254,902	6,035	7,752	64	2,745
1873.....	30,665	355,847	180,169	8,225	1,194	3	3,777
1874.....	24,019	413,212	181,151	18,871	5,954	513	8,677
1875.....	13,964	253,835	103,749	35,751	3,383	917	6,337
1876.....	15,778	201,906	144,501	18,455	24,496	1,454	3,198
1877.....	13,558	253,953	169,196	19,870	2,810	2,439	2,355
1878.....	9,121	191,982	185,931	10,979	3,088	.....	2,302
1879.....	10,710	274,570	144,506	4,655	1,239	440	2,444
1880.....	12,679	242,020	163,738	17,772	477	1,016	1,480
1881.....	9,959	127,832	101,075	24,509	.....	1,844	2,086
1882.....	12,261	215,056	54,799	20,126	611	3,226	403
1883.....	13,471	152,794	182,269	10,436	731	1,642	10,983
1884.....	13,683	144,851	118,811	7,155	10,746	1,320	9,168
1885.....	13,334	124,206	117,536	15,801	1,116	.....	1,912
1886.....	19,474	154,169	218,442	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
1901.....	18,978	151,586	67,756	7,119	28,485	2,961	14,024

* Fiscal.

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

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through the Welland Canal, during a period of thirty-one years, ended Dec. 31, 1901.

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
290,909	83	6,094	327	8,773	49,480	99,487	164,244

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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-three 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	.....	32.89
1900.	620	129,683	184,996	53,472	33,564	10,478	25,621	436,433	.....	44.11
1901.	3	211,317	86,250	45,624	87,357	10,326	32,862	473,722	39.76

* 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	10,422	169,818	..	36·59
1873.....	4,061	53,361	10,578	46,337	670	6,019	10,739	131,765	.....	50·80
1874.....		108,288	46,127	77,007	1,103	7,053	3,747	243,325	.....	9·14
1875.....	1,728	32,690	3,034	75,083	3,308	4,989	5,931	126,763	.....	52·67
1876.....	967	21,890	1,324	63,336	117	5,703	6,638	99,975	.....	62·67
1877.....	855	28,955	3,308	80,306	316	6,603	6,556	126,899	.....	52·61
1878.....	1,394	24,171	1,383	50,381	.....	10,598	5,222	93,149	.....	65·21
1879.....	734	25,740	9,268	71,693	.....	16,623	3,110	127,168	.....	52·51
1880.....	951	17,466	15,656	82,743	.....	12,598	5,996	135,410	.....	49·43
1881.....	758	25,352	8,064	62,793	206	14,444	4,027	115,638	.....	56·82
1882.....	813	20,274	4,401	70,862	416	22,265	7,773	126,804	.....	52·65
1883.....	432	22,634	535	32,557	.....	14,384	1,967	72,507	.....	73·00
1884.....	404	5,932	413	48,391	.....	12,173	2,819	70,132	.....	73·43
1885.....	519	6,484	22	45,264	.....	4,613	2,945	59,847	.....	77·62
1886.....	737	9,579	154	42,261	.....	1,671	4,814	59,216	..	77·88
1887.....	790	675	2	44,580	.....	716	1,370	48,133	.....	82·02
1888.....	584	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	....	94·61
1900.....	214	485	1,404	2,400	402	4,906	98·54
1901.....	245	526	5,375	120	6,266	97·67

* 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-one years, ended December 31, 1901.

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	1,741	12,050	.....	12,149	375,543
1888	16,973	150,833	194,886	555	26,629	811	13,358	404,045
1889	7,922	120,498	353,595	197	28,356	1,918	18,273	530,759
1890	14,461	114,924	327,394	6,519	27,728	1,121	20,836	512,983
1891	13,517	196,326	185,177	8,113	52,959	65,071	27,895	549,058
1892	17,046	229,569	192,548	6,433	37,173	9,392	32,548	524,709
1893	15,232	257,203	441,092	18,461	31,283	3,671	36,981	803,923
1894	33,628	270,514	169,233	28,353	27,962	.....	60,587	590,277
1895	43,895	202,636	164,894	8,689	18,236	.....	46,435	484,785
1896	42,159	319,388	320,444	11,368	28,178	8,970	54,031	784,538
1897	9,025	322,993	390,615	14,173	25,127	8,483	44,651	815,067
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
1901	18,937	151,325	67,756	7,119	28,281	2,961	14,021	290,400

* 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	177,908	14	4,123	12,931	192,767	34,616	244,451
1876	5,187	96,247	58,138		1,905	525	403	162,405		5,531	29,395	167,110	25,808	227,844
1877	3,342	107,396	65,260	1,603	2,314	258	413	180,586	8,976	8,688	8,336	172,868	41,107	239,975
1878	1,316	65,542	60,026	859		277	341	128,361		10,713	3,892	159,583	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	105,329	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	14,248	145,787		953		46,024		46,970
1901	17,165	23,557	55,531	7,119	26,344		14,016	143,732	83	80	105	46,702		46,970

* Apples, meals all kinds, pease, potatoes.

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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-one years, ended December 31, 1901.

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	953,337	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	527,863	12,546	141,892
1900.....	472,857	375,720	6,053,005	438,434	4,906	145,787
1901.....	557,099	290,909	6,334,001	473,729	6,266	143,732

* Fiscal.

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.
	224	122,521	181	82,543	343	337,983	163	96,506	911	639,553
1896.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
Wheat	113,331	90,979	78,741	34,476	317,527					
Corn	9,360	3,855	218,315	88,914	320,440					
Barley	240	.....	11,128	.....	11,368			
Oats	441	1,270	24,847	1,620	28,178					
Pease	1,403	1,354	.....	273	3,030				
Rye	5,035	644	2,837	454	8,970					
Coal	7	11,106	1,255	629	11,997					
Miscellaneous merchandise ..	29,820	1,452	82,319	4,374	117,965					
Shingles, woodenware, &c....	134	.....	22	.....	156			
Sawed lumber..... Ft. B.M.	2,123,213	.....	18,259,810	27,796,146	48,179,169				
Square timber..... Cub. ft.	942,923	1,649,145	.....	246,024	2,838,092				
Staves..... No.	.....	.....	.....	.....	.....
Firewood..... Cords	.....	.....	.....	55	55		
	No. Tonnage.	No. Tonnage.	No. Tonnage.	No. Tonnage.	No. Tonnage.					
	225 131,907	163 76,760	388 382,231	144 86,675	920 677,573					
1897.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat	121,762	55,724	106,064	37,891	321,441					
Corn	33,694	15,244	274,855	66,822	390,615					
Barley .....	.....	.....	14,173	.....	14,173		
Oats	223	.....	23,515	1,168	24,906				
Pease	1,851	.....	.....	.....	1,851		
Rye	2,047	919	5,517	.....	8,483				
Coal	3,873	3,947	368	1,615	9,803					
Miscellaneous merchandise ..	15,739	3,290	70,968	4,174	94,071					
Shingles, woodenware, &c....	1,268	5	404	.....	1,677				
Sawed lumber..... Ft. B.M.	1,573,447	.....	20,284,446	20,673,202	42,531,095				
Square timber..... Cub. ft.	1,327,823	2,217,629	.....	616,093	4,161,545				
Staves..... No.	2,577,160	.....	.....	.....	2,577,160		
Firewood..... Cords.	4	.....	.....	.....	4		
	No. Tonnage.	No. Tonnage.	No. Tonnage.	No. Tonnage.	No. Tonnage.					
	216 126,398	104 59,532	354 355,702	195 108,720	869 650,352					
1898.	Tons.	Tons.	Tons.	Tons.	Tons.					
Wheat	95,567	36,157	54,934	18,355	205,013					
Corn	56,538	30,455	284,059	66,761	437,813					
Barley .....	.....	.....	9,465	2,821	12,286			
Oats .....	.....	.....	17,329	.....	17,329		
Pease	260	.....	45	.....	305			
Rye	3,564	1,480	9,135	1,948	16,127					
Coal	575	1,916	759	2,620	5,870					
Miscellaneous merchandise ..	19,385	4,104	47,271	8,758	79,518					
Shingles, woodenware, &c....	2	9	.....	.....	11			
Sawed lumber..... Ft. B.M.	4,910,669	1,641,783	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		

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 1901.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam & Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	202	114,190	118	57,681	149	165,059	49	21,163	518	358,093
1901.	Tons.		Tons.		Tons.		Tons.		Tons.	
<i>Class 3.</i>										
Cement and water-lime.					514				514	
Fish					521				521	
Iron railway					83				83	
" pig.	1,080		939						2,019	
" all other	416				80				496	
Salt										
Steel	21				47				68	
Articles not enumerated.	207				552				759	
<i>Class 4.</i>										
Crockery and earthenware.	1								1	
Marble					1,360				1,360	
Manilla					557				557	
Nails	9								9	
Paint					115				115	
Pitch and tar	4								4	
Sugar	29				4,368				4,397	
Tin					26				26	
Merchandise not enumerated.	418		6		28,122				28,546	
<i>Class 5.</i>										
Produce of wood.	539		572		879				1,990	
<i>Special Class.</i>										
Coal	456				40,004		6,341		46,801	
Unenumerated articles.	672		363						1,035	
Total	3,852		1,880		77,228		6,341		89,301	

Canadian Steam Vessels carried	Tons.	3,852
" Sailing		1,880
United States Steam		77,228
" Sailing		6,341

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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 1901, is as follows:—

Summary.	Tons.	Tons.
In Canadian steam vessels.....	3,852	
" sail " 	1,880	
Total quantity in Canadian vessels.....		5,732
In United States steam vessels.....	77,228	
" sail " 	6,341	
Total in United States vessels.....		83,569
Grand total freight passed up the Welland Canal in Canadian and United States vessels.....		89,301

STATEMENT of the Quantity of Through Freight passed Up and Down, on the Welland Canal, during the Season of Navigation in 1901.

Summary.	Tons.	Tons.
In Canadian steam vessels up.....	3,852	
" " down.....	163,094	
Total in Canadian steam vessels.....		166,946
In Canadian sail vessels up.....	1,880	
" " down.....	107,993	
Total in Canadian sail vessels.....		109,873
Total quantity in Canadian vessels.....		276,819
In United States steam vessels up.....	77,228	
" " down.....	196,534	
Total in United States steam vessels.....		273,762
In United States sail vessels up.....	6,341	
" " down.....	34,314	
Total in United States sail vessels.....		40,655
Total quantity in United States vessels.....		314,417
Total in Canadian and United States vessels.....		591,236
	Down or East bound.	Up or West bound.
In Canadian vessels.....	271,087	5,732
In United States vessels.....	230,848	83,569
Total.....	501,935	89,301

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 1901.

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, Flax Seed, Oats, Rolling Freight), Lighterage over Welland Railway (Wheat, Corn, Barley, Flax Seed), Lighterage over Welland Railway in Tons, Grain Cargo and Rolling Freight through Welland Canal (Wheat, Corn, Barley, Flax Seed, Oats, Rolling Freight), Total Cargo through Canal, Depth Water Midship through Canal, Destination (From, To), and Cost of Lighterage per Tonnage.

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 (From, To), and Cost of Lighterage per Tonnage.

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 (From, To), and Cost of Lighterage per Tonnage.

RECAPITULATION.

Summary table with columns: Canadian Vessels Steam, Canadian Vessels Sail, United States Vessels Steam, United States Vessels Sail, Total Canadian, Total United States, Total Canadian and United States. Rows include Number, Tonnage, Dimensions, and other cargo statistics.

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K.—STATEMENT showing the Quantity of freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, during the Seasons of Navigation in 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900 and 1901.

Articles.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
	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.....						1	1,766	2,020	7,564	6,217	5,063	4,292	1,178
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.....	195,350	139,798	52,539	53,689	278,564	60,661	70,235	182,330	267,583	310,498	150,999	109,359	14,319
Flaxseed.....									3,293	5,687			4,965
Flour.....	6,841	3,065	3,324	2,874	5,514	16,503	30,916	11,964	1,029	653	4,229	1,595	1,400
Meal, all kinds.....	148	222	67	16		4	65						35
Oats.....	320	479			9,761	175	1,654	12,373	6,847	3,975	10,250	8,925	1,584
Oil cake.....													1,083
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	2,961
Salt.....									216	144	183		50
Seeds, all kinds.....	3	2	2	75				20			200		
Hay pressed.....											96		246
Tobacco, raw.....			1										23
Wheat.....	70,815	75,515	159,785	194,281	209,212	212,557	158,643	255,198	278,498	184,154	169,978	121,896	132,702
All other agricultural products, vegetable.....	798	3	2			29		29		56	32		
Hides, skins, horns and hoofs.....				20									
Horses.....	2	3	2	2	1	1	1	1	1	4	1		
Lard and lard oil.....			100										
Meats, all kinds.....													1,155
Pork.....	1,220	221	201			717							114
All other agricultural products, Animal.....	32	117		103				1					34
Total, Class 3.....	276,813	220,545	281,762	260,757	507,321	201,151	264,740	477,541	576,008	532,499	345,565	256,491	161,849
<i>Class 4.</i>													
Agricultural Implements.....													
Ashes.....	107	70	40	17	23	19	34	94	133	73	3	25	1,785
Crockery.....								5			55		3

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

Articles.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Furniture.....		1	2	1		2			1			1	5
Glass, all kinds.....		1	1					9	53	75	16	6	1
Molasses.....							100	167	9	56	159		
Nails.....											1		
Oil.....	4	6					6	23	112	1,141	7,143	15,647	14,987
Paint.....							2						17
Pitch and tar.....													
Rags.....								4					
Soda Ash.....													4
Sugar.....								1					112
Stone, wrought.....													
Tobacco.....											96		
White lead.....												16	
Whisky, beer, and other spirits..	20	26	105	6	1		101		46	4	74	11	32
Merchandise, not enumerated..	193	142	278	36	4	330	558	376	1,226	866	518	92	2,420
Total, Class 4.....	324	246	426	60	28	351	801	679	1,580	2,215	7,969	15,798	19,366
<i>Class 5.</i>													
Barrels, empty.....				1			1				1	182	66
Hoops.....									257				
Sawed lumber.....	6,118	3,579	3,908	1,678	667	683	1,117	657	478	3,065	924	15,760	2,635
Staves, pipe and barrel.....				8					4,716				
" West India and pipe..	270			200									
Timber, square, in vessels.....													
" in rafts.....	9,302		5,680	400				1,200	1,207	329	26		
Woodenware.....		1				6							
Total, Class 5.....	15,690	3,580	9,588	2,327	667	689	1,118	1,857	6,658	3,394	951	15,942	3,205
<i>Special Class.</i>													
Coal.....													
Grand total.....	292,827	224,371	291,776	263,144	508,016	292,191	266,659	480,077	584,246	538,108	354,485	28,231	184,420

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 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900 and 1901.

Articles.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
	Tons.	Tons.	Tons.	Tons.	Tons.	*Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks	84	252	469			1	24	15	70	70	24	49	196
Brimstone													5
Cement and water lime	823	62	2,380	1,570	3,169	2,281	1,859	1,686	837	996	997	1,931	2,916
Clay, lime and sand	3	8	206	240		253			4	144	8	4	2
Fish	80	26	7	426	465	512		11	10	9	10	8	8
Gypsum											4		
Iron, railway	15,513	20,003	2,855	1,171	6,576	20		1,687				74	748
" pig	250	20	112	74	25		56	28	6			3	
" all other	290	584	595	387	543	114	1,831	727	559	699	1,318	1,428	4,950
Salt	4,216	7,440	4,391	2,034	995	843	932	822	25	35		48	75
Steel	3	1		269	426	248	528			19	18		3
Stone for cutting		12		145				4	62				
Flour		48			3								16
Hay							124						
Meals						15							
Oats													
Potatoes													
Seeds, all kinds	215	100				33	25	99	121	56	121	218	302
Agricultural products not enumerated, vegetables	19		52			5	26		4				1
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		1	2			10							
Total, class 3	21,498	28,675	11,071	6,345	* 12,202	4,335	5,432	5,080	1,698	2,031	2,500	3,764	9,222
<i>Class 4.</i>													
Ashes, pot and pearl		10	31	88					1				
Crockery and earthenware	112	11	251	8	98	107	12	83	4	33	3	5	
Dye woods, &c													
Furniture			1	3					2			1	

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.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds.	71	23	30	152	365	175	394	612	799	150	299	456	612
Manilla						11							
Molasses	56			32	43	42	20	1					1
Nails	736	453	560	276	472	500	1,149	409	129	229	518	180	675
Oil, in barrels.....	9	11	64	2	44	8	31	33	12	15	21	74	83
Paint	49	24	61	15	70	8	75	49	20	35	2	12	69
Pitch and tar.....		13	22	15	26	152	67	60	20	37	6	21	27
Rags.....											14		
Resin		1									15		
Soda, ash.....	766	554	377	352	68	94	84	74	249	88	108	69	169
Stone, wrought.....					14			17	25	31			
Sugar	7	551	412	1,320	2,218	2,724	1,430	1,873	311	566	1,596	430	810
Tin	480	40	23	27	34	327	396	395	359	237	159	117	338
Turpentine.....	1	2											1
White lead.....	4	19	3	6	35	2	7	10	5		1	4	11
Whiting	33	34	50	71	31	1	113	56	104	93	89	39	49
Whisky, beer, &c.....	124	350	294	220	26	53	77	51	93	98	178	295	131
Merchandise, not enumerated	1,422	1,180	810	538	799	900	1,268	1,247	711	793	482	744	1,516
Total, class 4.....	3,870	3,276	2,989	3,125	4,343	5,104	5,123	4,970	2,844	2,405	3,491	2,447	4,492
<i>Class 5.</i>													
Barrels, empty.....	2												
Lumber, sawn, in vessels.....													
Woodenware.....													
Total, class 5.....	2												
<i>Special Class.</i>													
Coal													
Grand total.....	25,370	31,951	14,060	9,470	16,545	9,439	10,555	10,050	4,542	4,436	5,991	6,211	13,714

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 1889 to 1901, inclusive.

Articles.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks.....		4							845				
Cement and water lime.....										300		18	
Fish.....			1		5	5							
Iron, railway.....							181		965	770			
" all other.....	520	1	10	1	102		214			324	1,008	714	
Salt.....			494								549		105
Steel.....				1				498		2,951	13,522	3,110	
Stone for cutting.....													
Apples.....													
Barley.....		6,519	8,113	6,433	16,751	28,095	7,904	11,128	14,173	6,909	2,424	2,402	7,119
Corn.....	147,045	180,842	127,494	131,222	198,777	105,329	100,512	175,094	169,057	150,667	81,777	60,545	55,531
Flour.....	5,017	9,204	6,802	11,018	6,588	17,795	10,169	16,224	7,237	4,212	6,118	7,966	17,168
Hay, pressed.....									301				
Meal, all kinds.....	17,224	20,482	26,096	31,724	36,352	60,390	46,316	46,456	41,644	22,626	18,198	14,244	14,016
Oil cake.....						29						2,705	1,302
Oats.....	27,492	27,030	52,823	36,935	23,870	27,621	16,442	16,137	14,969	12,729	19,526	39,706	26,344
Pease.....										45		4	
Potatoes.....	1	1											
Rye.....					864			490		1,197	923	2,149	
Flax seed.....											200		
Seeds, all kinds.....	151	135	256	50	16		14	78	299	44	11		23
Tobacco.....													23,557
Wheat.....	39,229	31,527	32,097	26,950	28,187	53,846	27,881	34,878	28,919	11,268	12,926	18,771	6
Agricultural products, vegetables.....		14	42										10
Hides and skins, &c.....							8	41	23				
Horses.....	1	1	3		2	4		3	3	2		4	
Lard and lard oil, &c.....	32	30	10		1		6	1,348	1,444	3,671	864	1,588	1,680
Meats, other than pork.....	3	15	2	29			30						
Pork.....	21	88	73	1	52	56	87	390	243	1,271	343	117	970
Sheep.....													
Tallow.....										359	201	631	119
Wood.....	452		1,237	70	80	1,484	1,536	900	197	89	130		3
Total, class 3.....	237,188	275,893	255,553	244,434	311,647	294,654	211,300	303,665	280,319	219,434	158,720	154,680	147,947
<i>Class 4.</i>													
Agricultural implements.....													
Crockery and earthenware.....	1												
Furniture.....	30	21	7				2			2	7		3

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 1889 to 1901, inclusive—*Concluded.*

Articles.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds.....			1										4
Marble.....											8	57	
Molasses.....						57					11		
Nails.....							30	1,005	198	119	367	17	22
Oil in barrels.....		3	1	44						3	2	36	
Paint.....											1		
Rags.....													
Soda, ash.....													
Stone, wrought.....	2												
Sugar.....							59	165	31			154	448
White lead.....		1											
Whisky, beer and all other spirits.....	190	228	167	46	83		15			34	168	1	1
Merchandise.....	1,679	1,822	1,865	1,331	1,693	2,976	7,656	3,990	3,591	3,828	6,219	7,889	3,327
Total, class 4.....	1,902	2,075	2,041	1,421	1,782	3,033	7,762	5,160	3,820	3,986	6,783	8,164	3,805
<i>Class 5.</i>													
Empty barrels.....					9			10				5	282
Firewood in vessels.....								165					
Lumber, sawn, in vessels.....	55,074	38,030	45,504	54,173	68,985	62,905	41,974	75,515	68,280	52,844	57,695	55,128	38,685
Masts and spars, in vessels.....									403				
Hoops.....													
Railway ties, in vessels.....							446						
Shingles.....	51				13								
Staves, barrel.....													
Timber, square, in vessels.....							500		1,040				
Woodenware, &c.....	333	8	4	54				12	1				
Total, class 5.....	55,458	38,038	45,508	54,227	69,007	62,905	42,920	75,702	69,724	52,844	57,695	55,133	38,367
<i>Special Class.</i>													
Coal.....	1,124	615	1,382	651	2,123	727	603	1,255		759	2,293	992	357
Stone, not suitable for cutting.....	1,681	18											
Kryolite.....		1,620	1,773										
Total, special class.....	2,805	2,253	3,155	651	2,123	727	603	1,255		759	2,293	992	357
Grand total.....	297,353	318,259	306,257	300,733	384,559	361,319	262,585	385,782	353,863	277,023	225,491	218,969	190,476

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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 1901.

Names of Vessels.	Original quantity through the Welland Canal.	Quantity transhipped at Kingston and Prescott.	Cargo through the St. Lawrence Canals to Montreal
	Tons.	Tons.	Tons.
Canadian Steamer Arabian.....	1,230		1,230
" " "	1,200		1,200
" " "	1,200		1,200
" " "	1,200		1,200
" " Cuba.....	540		540
" " "	540		540
" " "	510		510
" " Glengarry.....	631	298	333
" " Lake Michigan	436		436
" " Melbourne.....	600		600
" " "	540		540
" " "	510		510
" Barge Dunmore	1,260	415	845
" " Winnipeg.....	1,470	697	773
Total.....	11,867	1,410	10,457

No. of cargoes of Wheat.....	14
Quantity through Welland Canal to Kingston and Prescott.....	11,867 tons.
" transhipped at Kingston and Prescott.....	1,410 "
" taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	10,457 "

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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 1901.

Names 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 Cuba	476	.....	476
" " "	504	.....	504
" " "	490	.....	490
" " "	532	.....	532
" " Melbourne	560	.....	560
" " "	448	.....	448
" " "	560	.....	560
" " "	560	.....	560
" " "	476	.....	476
United States " Northeastern.....	1,120	.....	1,120
" " Northman.....	1,120	.....	1,120
Total	6,846	.....	6,846

No. of cargoes of Corn.....	11
Quantity through Welland to Kingston and Prescott.....	6,846 tons.
" transhipped at " "	Nil.
" taken to Montreal in vessels in which it arrived at Kingston and Prescott.....	6,846 "

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 1901.

	Number of Cargoes.	Total Number.
Wheat.....	14	
Corn.....	11	
Total.....		25
Quantity of wheat through the Welland Canal, bound for Montreal	Tons. 11,867	Tons.
" corn " " " "	6,846	
Total through Welland Canal.....		18,713
Quantity of the above transhipped at Kingston and Prescott—		
Wheat.....	1,410	
Corn.....		
Total transhipped.....		1,410
Quantity of the above cargoes taken to Montreal in vessels in which it arrived at Kingston and Prescott—		
Wheat.....	10,457	
Corn.....	6,846	
Total quantity to Montreal.....		17,303
Grand total		18,713

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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 1901.

	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	197	103,802	114	59,022	163	182,497	48	22,319	522	367,640
	Tons.		Tons.		Tons.		Tons.		Tons.	
Barley.....					7,119				7,119	
Corn.....	7,350		4,689		55,717				67,756	
Oats.....	944				27,197				28,141	
Pease.....										
Rye.....	2,961								2,961	
Wheat.....	57,641		58,973		31,955		1,241		149,810	
Total.....	68,896		63,662		121,988		1,241		255,787	

				Tons.
69	cargoes in Canadian vessels, steam, total quantity.....			68,896
43	" " " " sail "			63,662
132	" " United States vessels, steam, total quantity.....			121,988
3	" " " " sail "			1,241

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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 1901.

Summary.	Tons.	Tons.
Canadian steam vessels—69 cargoes of grain	68,896	
" sail " 43 " 	63,662	
Total in Canadian vessels		132,558
United States steam vessels—132 cargoes of grain	121,988	
" sail 3 " 	1,241	
Total in United States vessels		123,229
Total in Canadian and United States vessels		255,787
Distributed as follows—		
23 Canadian and 2 United States vessels arrived at Kingston and Prescott and discharged part of their cargoes, taking the balance to Montreal		17,303
222 vessels arrived at Kingston, Prescott, Ogdensburg and other ports and discharged all their cargoes as follows—		
89 cargoes in Canadian vessels	116,085	
133 " United States vessels	120,989	
Quantity discharged by the 3 Canadian vessels which took the balance to Montreal	1,410	
Total quantity discharged	238,484	
Total quantity of above transhipped from Kingston, Prescott and Ogdensburg to Montreal		*124,939
Quantity transhipped from Kingston, Prescott and Ogdensburg to Cardinal		5,580
Quantity remaining at Kingston, Prescott, Ogdensburg and other American ports		107,965
Total		255,787

* Of this quantity 17,387 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 during the Season of Navigation in 1900 and 1901.

	1900.		1901.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston and Prescott in Canadian vessels.	325	183,200	112	132,558
Quantity arrived at Kingston, Prescott and Ogdensburg in United States vessels.	239	163,575	135	123,229
Total.....	564	346,775	247	255,787
Quantity transhipped at Kingston, Prescott and Ogdensburg in Canadian vessels for Montreal....		217,735		124,939
Quantity taken to Montreal in vessels in which it arrived at Kingston and Prescott.....		14,513		17,303
Quantity remaining at Kingston, Prescott, Ogdensburg and Cardinal.....		*114,527		113,545
Total.....		346,775		255,787

* Of this quantity 9,324 tons were transhipped to Montreal in 1901.
 22 vessels took their cargoes through in 1901, against 15 in 1900.
 3 vessels discharged part of their cargo in 1901, against 7 in 1900.
 222 vessels discharged all of their cargo in 1901, against 542 in 1900.

R.—STATEMENT showing the Number of Vessels, their Tonnage, Number of Passengers and Tons of Freight passed down the Rapids of the St. Lawrence Canal during the Season of Navigation in 1901.

Destination.	Number of Sections.	Number of Vessels.	Tonnage of Vessels.	Number of passengers	Class Three.	Class Four.	Class Five.	Special Class.	Tolls.
			Tons.		Tons.	Tons.	Tons.	Tons.	\$ cts.
Prescott to Montreal.....	4	135	68,482	20,343	249	1,732	.....	.....	2,931 68
" Lachine.....	3	40	22,405	3,287	338	1,108	.....	.....	577 02
Soulanges to Montreal....	2	5	2,245	851	.....	35	.....	.....	50 48
" Lachine.	1	118	20,667	3,093	1,536	285	27	.....	191 44
Lachine to Montreal.....	1	285	57,385	11,164	909	456	10	429 54
Total.....		583	171,184	38,738	3,032	3,616	37	4,180 16

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S.—The quantity of Coal passed through the Welland Canal during a series of years from 1885 to 1901, inclusive, and the amount of Tolls collected thereon, is as follows:—

YEAR.	From Canadian Ports to Canadian Ports.	From Canadian Ports to Canadian Ports.	From United States Ports to United States Ports.		From United States Ports to United States Ports.		Total, Tons.	Amount of Tolls — Rate 20 cents a ton.	
	Up.	Down.	Up.	Down.	Up.	Down.			
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	\$	cts.	
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
1901.....			46,345	357	456	2,322	49,480	9,896	00

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, 1900 and 1901 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 Canal during the seasons of 1885 to 1901, 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
1901.....	2,765	298,245	301,010	44,732	55

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

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

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

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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.
1891.	Tons.	Tons.	Tons.
Ashes.....	40		
Agricultural products.....	2		42
Barley.....			8,113
Corn.....	52,539	5,144	127,494
Coal.....		20,698	1,882
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		
		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.

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.
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	410
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.

2-3 EDWARD VII., A. 1903

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.
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
Brrrels, 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."

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

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1894.	Tons.	Tons.	Tons.
Apples	50		
Ashes	19		
Barley	258		28,095
Bricks		552	
Coal		13,818	727
Corn	60,661	3,243	105,329
Dye woods and dye stuffs		4	2
Fish			5
Flour	16,503	41	16,880
Furniture	2	3	
Horses	1	2	4
Iron, pig	195	2,170	
" all other	1	183	
Meals	4		60,390
Nails			57
Oats	175	107	27,621
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.

2-3 EDWARD VII., A. 1903

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.
1895.			
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.

SESSIONAL PAPER No. 20

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.
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 barre's	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.

2-3 EDWARD VII., A. 1903

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.
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.

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

2-3 EDWARD VII., A. 1903

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.
1899.	Tons.	Tons.	Tons.
Agricultural products, vegetable	32		
Ashes	53		
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	*163,978	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.

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.
1900.	Tons.	Tons.	Tons.
Agr cultural 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.....		90	
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.

2-3 EDWARD VII., A. 1903

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

Articles.	Quantity passed	Quantity passed	Quantity passed
	down to Montreal.	down to Canadian Ports between Port Dalhousie and Cornwall.	down to United States Ports.
1901.	Tons.	Tons.	Tons.
Agricultural implements.....	1,785		
" products, vegetable.....			10
Ashes.....	3		
Barley.....			7,119
Coal.....		2,322	357
Corn.....	14,319	4,828	48,609
Flax seed.....	4,965	2	
Flour.....	1,400	218	15,768
Furniture.....	5		
Glass (all kinds).....	1		
Hay, pressed.....	246		
Iron, pig.....		1,790	
" all other.....	1,178	589	
" ore.....		98,452	
Lard and lard oil.....	1,155	827	525
Meal (all kinds).....	35		13,981
Meats.....	114	7	
Molasses.....		17	
Oats.....	1,584	853	25,704
Oil (in barrels).....	14,987	2,971	22
Oil-cake.....	1,083	113	219
Paint.....	17	6	
Pitch and tar.....		17	
Pork.....	34	970	10
Rye.....	2,961		
Salt.....	50	165	105
Soda ash.....	4		
Spirits, &c.....	32		
Sugar.....	112		448
Tallow.....			119
Tobacco, raw.....	23		
Wheat.....	*132,702	8,051	9,057
Wool.....			3
Merchandise not enumerated.....	2,420	1,395	966
Barrels, empty.....	66		216
Firewood, in vessels.....		1,287	
Lumber, sawn, in vessels.....	2,635	3,412	51,931
Mast spars, &c., ".....		13	
Shingles.....		18	
Square timber, in vessels.....	504	14,023	
Total.....	184,420	142,346	175,169

* Of this quantity 9,324 tons came to Ogdensburg in 1900, were stored there, and transhipped to Montreal in 1901.

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.
1890.	Tons.	Tons.	Tons.
Barley.....			6,519
Corn.....	150,999	11,584	180,842
Oats.....	879	73	27,030
Pease.....			14
Rye.....	1,120	1	
Wheat.....	75,515	5,241	31,527
Total grain.....	228,513	16,899	245,932
Other articles.....	7,459	127,502	81,901
Total.....	235,972	144,301	327,833
1891.			
Barley.....			8,113
Corn.....	52,539	5,144	127,494
Oats.....			52,823
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
Pease.....	524		
Rye.....	9,119	273	
Wheat.....	194,281	5,373	26,950
Total grain.....	257,613	13,283	201,540
Quantity taken to Ogdensburg and transhipped to Montreal.....	*4,341	4,341	
Total.....	261,954	8,942	201,540
Other articles.....	5,531	60,944	128,863
Total.....	267,485	69,886	330,403
1893.			
Barley.....	600	1,110	16,751
Corn.....	278,564	5,752	156,776
Oats.....	9,761	1,090	20,313
Pease.....			
Rye.....	3,669	1	1
Wheat.....	209,212	17,602	29,117
Total grain.....	501,806	25,555	222,958
Other articles.....	6,210	68,182	170,790
Total.....	508,016	93,737	393,748

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

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

2-3 EDWARD VII., A. 1903

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.
1894.	Tons.	Tons.	Tons.
Barley.....	258		28,095
Corn.....	60,661	3,243	105,329
Oats.....	175	107	27,621
Pease.....			
Rye.....			
Wheat.....	212,557	13,349	42,934
Total grain.....	273,651	16,699	203,979
Other articles.....	18,540	63,982	169,091
Total.....	292,191	80,681	373,070
1895.			
Barley.....	959		7,730
Corn.....	70,265	2,912	91,743
Oats.....	1,654	123	16,442
Rye.....			
Wheat.....	†158,643	29,061	17,908
Total grain.....	231,491	32,696	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.....	749,442	172,950	311,349
1897.			
Barley.....			14,173
Corn.....	264,396	11,103	115,689
Oats.....	6,847	3,046	15,233
Pease.....	2,078	3	
Rye.....	8,435	48	
Wheat.....	278,498	39,057	12,661
Total grain.....	*560,254	53,257	157,756
Other articles.....	20,793	114,989	122,207
Total.....	581,047	166,246	285,963

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

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

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

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.
1898.			
	Tons.	Tons.	Tons.
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	24,602	9,190
Total grain	**332,746	40,197	68,011
Other articles	21,739	68,761	164,727
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
1901.			
Barley .....	.....	.....	.....
Corn	14,319	4,828	48,609
Oats	1,584	853	25,704
Pease .....	.....	.....	.....
Rye	2,961	.....	.....
Wheat	132,702	8,051	9,057
Total grain	†151,566	13,732	83,370
Other articles	32,854	128,614	91,799
Total	184,420	142,346	175,169

* 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.

† Of this quantity, 9,324 tons came down in 1900 and were transhipped to Montreal in 1901.

COMPARATIVE STATEMENT showing the quantity of Vegetable Food and Lumber passed through the Canals during the Years ended December 31, 1900 and 1901.

	VEGETABLE FOOD.								Lumber.	Total.
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Buck-wheat.	All other.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Welland Canal, 1900.....	10,968	137,800	163,509	4,035	41,055	3,538		14,815	77,470	453,190
" 1901.....	18,994	151,586	67,756	7,119	28,485	2,961		14,024	60,018	350,943
Increase.....	8,026	13,786		3,084						
Decrease.....			95,753		12,570	577		791	17,452	102,247
St. Lawrence Canals, 1900.....	13,277	276,223	288,169	21,096	52,983	12,544	1,159	16,432	59,543	741,432
" 1901.....	13,891	359,564	108,784	18,051	27,109	13,789	872	8,499	29,380	579,939
Increase.....	614	83,335				1,245				
Decrease.....			179,385	3,045	25,874		287	7,933	30,163	161,493
Chambly Canal, 1900.....	524			48	3,867			576	39,605	44,620
" 1901.....	494			21	2,148			506	30,575	33,741
Increase.....										
Decrease.....	30			27	1,719			70	9,030	10,876
Ottawa Canals, 1900.....	11			2	1,752	3	117	242	302,132	304,259
" 1901.....	56				1,132	6	40	287	299,475	300,996
Increase.....	45					3		45		
Decrease.....				2	620		77		2,657	3,263
Rideau Canal, 1900.....	470	313	147		670	28	63	287	29,723	31,706
" 1901.....	442	465	64	56	458			187	16,936	18,608
Increase.....		152		56						
Decrease.....	28		83		212	28	63	100	12,792	13,098

St. Peter's Canal, 1900.....	1,851		8	9	2,257			3,959	15,261	23,345
" 1901.....	1,527			5	2,518			4,994	16,391	25,435
Increase.....					261			1,035	1,130	2,090
Decrease.....	324		8	4						
Trent Valley Canals, 1900.....		627							1,948	2,575
" 1901.....		544					22	3	2,590	3,159
Increase.....							22	3	642	584
Decrease.....		83								
Murray Canal, 1900.....	10	1,240		332		664	128	721	372	3,467
" 1901.....	5	914		688	19	863	3	719	296	3,512
Increase.....				356	19	204				45
Decrease.....	5	326					125	2	76	
Sault Ste. Marie Canal, 1900.....	72,029	278,761	9,975	2,520	2,403	1,148		1,726	12,408	380,970
" 1901.....	137,407	289,186	29,188	1,759	12,693	3,374		246	20,990	494,843
Increase.....	65,378	10,425	19,213		10,290	2,226			8,582	113,873
Decrease.....				761				1,480		
Total Increase.....	73,676	107,289				3,073				
Total Decrease.....			256,016	343	30,425		530	9,293	61,816	174,385
Total for year 1900.....									1,985,564	
" 1901.....									1,811,179	

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

RICHARD DEVLIN,
Compiler of Canal Statistics.

2-3 EDWARD VII., A. 1903

CANAL
COMPARATIVE STATEMENT for years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1900				4,958 86	17,311 23
" 1901				2,284 72	9,436 33
Increase.....					
Decrease				2,674 14	7,874 90
St. Lawrence Canals, 1900...				1,601 53	14,417 71
" 1901.....				358 76	17,143 03
Increase.....					2,725 32
Decrease				642 77	
Chambly Canal, 1900.....				8 91	3,946 01
" 1901.....				5 95	3,505 72
Increase.....					
Decrease				2 96	440 29
Ottawa Canals, 1900.....				4 37	3,569 35
" 1901.....				125 72	4,714 82
Increase.....				121 35	1,145 47
Decrease.....					
Rideau Canal, 1900					979 24
" 1901.....				34 75	441 68
Increase.....				34 75	
Decrease.....					537 56
St. Peter's Canal, 1900.....	27 55			96 61	303 92
" 1901.....	7 40			69 08	355 89
Increase					51 97
Decrease.....	20 15			27 53	
Trent Valley Canals, 1900.....				33 44	49 66
" 1901		0 25		1 20	35 57
Increase.....		0 25			
Decrease				32 24	14 09
Murray Canal, 1900.....				8 65	68 69
" 1901.....				9 33	109 08
Increase.....				0 68	40 39
Decrease					
Sault Ste. Marie Canal, 1900.....			56 51		
" 1901.....					
Increase.....			56 51		
Decrease					
Total increase.....		0 25			
Total decrease.....	20 15		56 51	3,222 86	4,903 69

SESSIONAL PAPER No. 20

REVENUE.

ended December 31, 1900-1901.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
14,810 17 11,808 51	13,610 07 13,249 12	15,851 41 12,889 17	14,518 43 10,828 85	10,840 60 13,445 91	10,145 40 11,160 49	2,247 63 1,836 24	104,293 80 86,939 34
3,001 66	360 95	2,962 24	3,689 58	2,605 31	1,015 09	411 39	17,354 46
14,226 39 17,083 88	16,756 62 18,638 47	17,305 50 17,793 03	14,064 77 12,933 59	13,185 51 12,375 05	12,225 70 7,319 86	189 11 18 50	103,372 84 103,664 17
2,857 49	1,881 85	487 53	1,131 18	810 46	4,905 84	170 61	291 33
3,434 92 3,632 92	4,121 12 5,027 25	4,344 89 4,060 02	3,324 84 2,705 42	3,073 19 3,821 93	1,954 10 2,115 31	12 37	24,220 35 24,874 52
198 00	906 13	284 87	619 42	748 74	161 21	12 37	654 17
3,411 47 5,075 47	3,900 07 3,493 15	4,446 61 3,764 92	3,837 16 3,007 78	4,128 26 5,144 14	2,327 99 2,336 44		25,625 28 25,662 44
1,664 00	406 92	681 69	829 38	984 12	8 45		37 16
1,344 90 489 86	1,340 91 755 85	912 19 1,131 84	750 75 658 23	592 92 472 06	509 96 376 67	7 34	6,438 21 4,360 94
855 04	585 06	219 65	92 52	120 86	133 29	7 34	2,077 27
389 55 376 11	517 69 449 37	511 26 569 25	301 68 485 55	332 84 437 84	337 81 322 97	236 74 225 66	3,055 65 3,299 12
13 44	68 32	57 99	183 87	105 00	14 84	11 08	243 47
169 18 138 43	218 96 247 98	256 80 254 52	192 10 153 80	187 53 161 45	115 14 106 64	1 00	1,223 81 1,099 84
30 75	29 02	2 28	38 30	26 08	8 50	1 00	123 97
86 82 164 17	149 10 189 37	197 53 207 95	130 77 173 12	118 69 138 48	69 55 57 70		829 80 1,049 20
77 35	40 27	10 42	42 35	19 79	11 85		219 40
							56 51
							56 51
895 95	1,436 02	3,155 49	6,174 16	1,537 32	3,889 57	613 79	18,166 68

Total for year 1900\$269,116 25
 Total for year 1901 250,949 57

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 1901.

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 Toll.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl.....								3		3	3		0 60	0 60
Apples.....		5								5	5		0 13	0 13
Agricultural products not enumerated, vegetables..						10				10	10		2 00	2 00
Agricultural products not enumerated, animal.....														
Agricultural implements.....								1,785		1,785	1,785		357 00	357 00
Barley.....					7,119					7,119	7,119		711 90	711 90
Bricks.....	78									78	78	1 48		1 48
Bones.....														
Brimstone.....														
Buckwheat.....														
Cement and water lime.....	240				149					389	389	44 85		44 85
Clay, lime and sand.....	60	50			365					435	50	475	55 89	2 50
Coal.....			398		46,345	357	58	2,322	46,801	2,679	49,480	9,360 20	535 80	9,896 00
Corn.....		916				55,531		11,309		67,756	67,755		6,775 60	6,775 60
Cattie.....			1						1		1		0 15	0 15
Cotton (raw).....														
Crockery and earthenware.....	1								1		1		0 15	0 15
Dye wood and dye stuffs.....														
Fish.....					521				521		521	78 15		78 15
Flax and hemp.....														
Flour.....	41	1,551				17,168		218	41	18,937	18,978	0 78	3,516 01	3,516 79
Furniture.....	1		4		11	3		2	16	5	21	2 40	1 00	3 40
Gypsum.....														
Glass (all kinds).....	35		26					1	61	1	62	5 62	0 20	5 82
Hay (pressed).....								246		246	246		49 20	49 20
Hogs.....														
Horses.....	4								4		4	0 21		0 21

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 Toll.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Barrels, empty.....	34					282			34	282	316	\$ 3 33	\$ 56 24	\$ 59 57
Boat knees.....														
Floats.....														
Firewood, in vessels.....	417	5,003	756						1,173	5,053	6,176	54 25	261 43	315 68
Firewood, in rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels..	1,100	1,408		13,846		38,085		5,513	1,100	58,852	59,952	197 33	10,531 61	10,728 94
Lumber, sawn, in rafts....		66								66	66		12 00	12 00
Masts, spars and telegraph poles, in vessels.....														
Masts, spars and telegraph poles, in rafts.....														
Railway ties, in vessel.....	683	26							683	26	709	55 75	0 25	56 00
Railway ties, in rafts.....														
Saw logs.....	406	1,546	166	150					572	1,696	2,268	14 41	89 17	103 58
Staves and headings, barrel.....				1,724						1,724	1,724		27 60	27 60
Staves and headings, pipe.....														
Staves and headings, West India.....														
Staves, salt barrel.....		44								44	44		3 52	3 52
Shingles.....	18	36							18	36	54	1 56	14 04	15 60
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels..		15,00						13,027		14,527	14,527		2,177 98	2,177 98
Timber, square in rafts....	1	17							1	17	18	0 25	0 49	0 74
Traverses.....														
Woodenware and wood partly manufactured.....	1				123				124		124	49 60		49 60
Total, freight paying tolls.	7,342	184,973	2,475	15,720	82,816	190,476	58	122,635	92,691	513,804	606,495	15,771 86	58,188 45	73,960 31

Articles having paid full tolls on the St. Lawrence Canals, free:—												
Bricks	75	121						196	196			
Brimstone		5						5	5			
Cement and water lime	2,697	219						2,916	2,916			
Clay, lime and sand		2						2	2			
Fish		8						8	8			
Flour		16						16	16			
Glass (all kinds)	106	373	133					612	612			
Iron (railway)	748							748	748			
Iron (all other)	2,191	2,307	452					4,950	4,950			
Molasses		1						1	1			
Nails	625	50						675	675			
Oil (in barrels)	22	54	7					83	83			
Paint	8	7	54					69	69			
Pitch and tar	15	12						27	27			
Salt	69	6						75	75			
Seeds	18	284						302	302			
Soda ash	10	159						169	169			
Steel		3						3	3			
Sugar	85	725						810	810			
Tin	119	219						338	338			
Turpentine		1						1	1			
Vegetables		1						1	1			
Whiting		49						49	49			
White lead	8	3						11	11			
Whiskey	19	112						131	131			
All other goods and merchandise not enumerated	533	902	81					1,516	1,516			
Grand total freight	14,691	184,973	8,113	15,720	83,543	190,476	58	122,635	106,405	513,804	620,209	
Total tolls on vessels										6,161 13	6,490 74	12,651 87
" passengers										71 50	76 80	148 30
" free goods										\$2,057 10		
Total tolls										22,004 49	64,755 99	86,760 48
Fines										35 00		
Damages												
Harbour dues										123 24		
Other receipts										29 62		
Total revenue exclusive of hydraulic rents										86,939 34		

APPENDIX A—Continued.

No. (A) 1.—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 1901.

Article.	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.....								3		3	3		\$ 60	\$ 60
Apples.....														
Agricultural products not enumerated, vegetables.....						10				10	10		2 00	2 00
Agricultural products not enumerated, animal.....														
Agricultural implements.....									1,785	1,785	1,785		357 00	357 00
Barley.....						7,119				7,119	7,119		711 90	711 90
Bricks.....														
Bones.....														
Brimstone.....														
Buckwheat.....														
Cement and water lime.....					149				149	149	149	22 35		22 35
Clay, lime and sand.....					365				365	365	365	54 75		54 75
Coal.....			398		46,345	357	58	2,322	46,801	2,679	49,480	9,360 20	535 80	9,896 00
Corn.....		916				55,531		11,309		67,756	67,756		6,775 60	6,775 60
Cattle.....			1						1		1	15		15
Cotton, raw.....														
Crockery and earthenware.....	1								1		1	15		15
Dye wood and dye stuffs.....														
Fish.....					521				521		521	78 15		78 15
Flax and hemp.....														
Flour.....						17,168		218		17,386	17,386		3,477 20	3,477 20
Furniture.....	1		4		11	3		2	16	5	21	2 40	1 00	3 40
Gypsum.....														
Glass, all kinds.....	8		26					1	34	1	35	5 10	0 20	5 30
Hay, pressed.....								246		246	246		49 20	49 20
Hogs.....														
Horses.....	1								1		1	15		15

Hides and skins, horns and hoofs.....														
Ice.....														
Iron, railway.....				83										
" pig.....	2,019						83		83	12 45				12 45
" all other.....	416			80		1,790	2,019	1,790	3,809	302 85	358 00			660 85
Iron ore.....		66,027				1,767	496	1,767	2,263	74 40	353 40			427 80
Kryolite chemical ore and other ore, except iron.....			1,035			32,425		98,452	98,452		4,922 60			4,922 60
Lard and lard oil.....							1,035		1,035	51 75				51 75
Meal, all kinds.....				1,680			827		2,507			501 40		501 40
Meats, other than pork.....				14,016					14,016			2,803 20		2,803 20
Marble.....				4			117					24 20		24 20
Manilla.....				1,360				1,360						204 00
Molasses.....	1			557			557		557	83 55				83 55
Nails.....	9			287			17	288	17	305	43 20	3 40		46 60
Oats.....	204	1,797					9	9	9	1 35				1 35
Oil (in barrels).....	27	15,087		26,344			204	28,141	28,345	30 60	2,814 10			2,844 70
Oil cake.....				22			357	17,980	18,337	53 55	3,596 00			3,649 55
Pease.....				1,302			113	1,415	1,415		283 00			283 00
Potatoes.....														
Pork.....			1		970		44	1						
Paint.....				115			23	115	1,014	1,015	0 15	202 80		202 95
Pitch and tar.....	4						17	4	23	138	17 25	4 30		21 85
Rags.....							17	4	17	21	0 60	3 40		4 00
Rye.....														
Flax seed.....							2,961		2,961					
Rosin.....							4,967		4,967	4,967		296 10		296 10
Salt.....				25				25	4,967	4,967	496 70			496 70
Stone intended for cutting.....				105				215	320	25	3 75			3 75
" wrought.....									320		64 00			64 00
" not suitable for cutting, unwrought.....														
Seeds, all kinds.....														
Sheep.....														
Soda ash.....				110			4	110	4	114	16 50	0 80		17 30
Steel.....	21			47				68		68	10 20			10 20
Sugar.....	28		1	4,368	448		112	4,397	560	4,957	659 55	112 00		771 55
Spirits, beer, &c.....	54		21		1		31	75		107	11 25	6 40		17 65
Tobacco, raw.....					23			23		23		4 60		4 60
Tallow.....				547	119			547	119	666	82 05	23 80		105 85
Tin.....				26				26		26	3 90			3 90
Turpentine.....														
Wheat.....		87,799			23,557			38,454		149,810	149,810		14,981 00	14,981 00
White lead.....														
Whiting.....														
Wool.....				5	3			5	3	8	0 75	060		1 35
All other goods and merchandise not enumerated.....	223		56	27,362	3,327			1,454	27,641	4,781	32,422	4,146 15	956 20	5,102 35
Bark.....														

No. (A) 2.—GENERAL STATEMENT showing the Quantity of each Articles of Through Freight transported on the Welland Canal and the Amount of Tolls collected during the Season of Navigation, in 1901.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
												\$ cts.	\$ cts.	\$ cts.
Barrels empty	16					282			16	282	298	2 90	56 24	59 14
Boat knees														
Floats														
Fire wood, in vessels		1,287	756						756	1,287	2,043	50 40	85 80	136 20
" " rafts														
Hoops														
Hop poles														
Lumber, sawn, in vessels	1,093	534		13,846		38,085		5,513	1,093	57,978	59,071	196 58	10,432 95	10,629 53
" " rafts														
Masts, spars, and telegraph poles, in vessels		13								13	13		2 00	2 00
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		18								18	18		12.48	12 48
Split posts and fence rails, in vessels														
Split posts and fence rails, in rafts														
Timber, square, in vessels		1,500						13,027		14,527	14,527		2,177 98	2,177 98
" " rafts	1								1		1	0 25		0 25
Traverres														
Woodenware and wood partly manufactured	1				123				124		124	49 60		49 60
Total freight paying tolls	4,128	174,978	2,299	13,846	82,816	190,476	58	122,635	89,301	501,935	591,236	15,632 93	57,490 25	73,123 18

Articles having paid fulltolls on the St. Lawrence Canals. free:—											
Bricks.....	75		121						196		196
Brimstone.....			5						5		5
Cement and water lime.....	2,637		219						2,916		2,916
Clay, lime and sand.....			2						2		2
Fish.....			8						8		8
Flour.....			16						16		16
Glass, all kinds.....	106		373		133				612		612
Iron, railway.....	748								748		748
Iron, all other.....	2,191		2,307		452				4,950		4,950
Molasses.....			1						1		1
Nails.....	625		50						675		675
Oil, in barrels.....	22		54		7				83		83
Paint.....	8		7		54				69		69
Pitch and tar.....	15		12						27		27
Salt.....	69		6						75		75
Seeds.....	18		284						302		302
Soda ash.....	10		159						169		169
Steel.....			3						3		3
Sugar.....	85		725						810		810
Tin.....	119		219						338		338
Turpentine.....			1						1		1
Vegetables products.....			1						1		1
Whiting.....			49						49		49
White lead.....	8		3						11		11
Whisky.....	19		112						131		131
All other goods and mer- chandise not enumerated	533		902		81				1,516		1,516
Gand total through freight.	11,476	174,978	7,938	13,846	83,543	190,476	58	122,635	103,015	501,935	604,950

Total tolls on vessels.....	6,000 61	6,309 89	12,310 50
" passengers.....	30 80	43 95	74 75
" free goods.....	\$2,057.10		
Total tolls.....	21,664 34	63,844 09	85,508 43

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

RICHARD DEVLIN,
Compiler of Canal Statistics.

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 1901.

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		5							5		5		13			13	
Agricultural products not enumerated, vegetables..																	
Agricultural products not enumerated, animal..																	
Agricultural implements..																	
Barley																	
Bricks	78								78		78	1 48				1 48	
Bones																	
Brimstone																	
Buckwheat																	
Cement and water lime..	210								240		240	22 50				22 50	
Clay, lime and sand	60	50							60	50	110	1 14	2 50			3 64	
Coal																	
Corn																	
Cattle																	
Cotton (raw)																	
Crockery and earthenware..																	
Dye wood and dye stuffs..																	
Fish																	
Flax and hemp																	
Flour	41	1,551							41	1,551	1,592	78	38 81			39 59	
Furniture																	
Gypsum																	
Glass (all kinds)	27								27		27	52				52	
Hay (pressed)																	
Hogs																	
Horses	3								3		3	06				06	

Hides and skins, horns and hoofs.....												
Ice.....												
Iron, railway.....												
" pig.....												
" all other.....	22					2		22		42		42
Iron ore.....												
Kryolite chemical ore and other ore, except iron.....												
Lard and lard oil.....												
Meal, all kinds.....	3					3		3		28		28
Meats, other than pork.....												
Marble.....												
Manilla.....												
Molasses.....												
Nails.....	18					18		18		35		35
Oats.....		140										
Oil (in barrels).....							140	140			24 29	24 29
Oil cake.....												
Pease.....												
Potatoes.....												
Pork.....												
Paint.....	6					6		6		12		12
Pitch and tar.....												
Rags.....	47					47		47		90		90
Rye.....												
Flax seed.....												
Rosin.....												
Salt.....	7					7		7		14		14
Stone intended for cutting.....												
" wrought.....												
" not suitable for cutting, unwrought.....	120	90				120	90	210	7 50	5 63	13 13	13 13
Seeds, all kinds.....	11					11		11		21		21
Sheep.....												
Soda ash.....	6					6		6		12		12
Steel.....												
Sugar.....	45					45		45		86		86
Spirits, beer, &c.....	1					1		1		02		02
Tobacco (raw).....												
Tallow.....												
Tin.....												
Turpentine.....												
Wheat.....	261	1,515				261	1,515	1,776	5 58	211 11	216 69	216 69
White lead.....												
Whiting.....												
Wool.....												
All other goods and merchandise not enumerated.....	669	350	10			679	350	1,029	19 20	8 85	28 05	28 05
Bark.....												

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.			
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.							
												\$	cts.	\$	cts.	\$	cts.
Barrels empty	18								18		18	43				43	
Boat knees																	
Floats																	
Fire wood, in vessels	417	3,716							417	3,716	4,133	3 85	175 63		179 48		
" " rafts																	
Hoops																	
Hop poles																	
Lumber, sawn, in vessels	7	874							7	874	881	75	98 66		99 41		
" " rafts		66								66	66		12 00		12 00		
Masts, spars, and telegraph poles, in vessels																	
Masts, spars, and telegraph poles, in rafts																	
Railway ties, in vessels	683	13							683	13	696	53 75	25		54 00		
" " rafts																	
Saw logs	406	1,546	166	150					572	1,696	2,268	14 41	89 17		103 58		
Staves and headings, barrel				1,724						1,724	1,724		27 60		27 60		
Staves and headings, pipe																	
Staves and headings, West India																	
Staves, salt barrel		44								44	44		3 52		3 52		
Shingles	18	18							18	18	36	1 56	1 56		3 12		
Split posts and fence rails, in vessels																	
Split posts and fence rails, in rafts																	
Timber, square, in vessels																	
" " rafts		17								17	17		49		49		
Traverses																	
Woodenware and wood partly manufactured																	
Total freight paying tolls	3,214	9,995	176	1,874					3,390	11,869	15,259	136 93	700 20		837 13		

Total way tolls on vessels	160 52	180 85	341 37
" " passengers	40 70	32 85	73 55
Total way tolls	338 15	913 90	1,252 05

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, September 2, 1902.

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 1901.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl	30	17	22						52	17	69	\$ cts. 10 40	\$ cts. 3 40	\$ cts. 13 80
Apples.....	4	699							4	699	703	43	103 85	104 28
Agricultural products not enumerated, vegetables..	776	1,408	1						777	1,408	2,185	50 29	207 64	257 93
" " animal.....	1,283	1,673							1,283	1,673	2,956	66 11	220 88	286 99
Agricultural implements...	50	44							50	44	94	7 70	3 40	11 10
Barley.....	6	18,045							6	18,045	18,051	25	1,511 61	1,511 86
Bricks.....	8,957	16	121			15	26		9,104	31	9,135	456 44	1 18	457 62
Bones.....		16								16	16		1 44	1 44
Brimstone.....	80		5						85		85	12 38		12 38
Buckwheat.....	23	849							23	849	872	59	30 24	30 83
Cement and water lime....	6,939	534	244			145	990	598	8,173	1,277	9,450	810 36	106 02	916 38
Clay, lime and sand.	11,127	23,699	2			22	1,724		12,853	23,721	36,574	551 87	997 20	1,549 07
Coal.....		76,759			40	738		245,143	40	322,640	322,680	1 50	46,193 84	46,195 34
Corn.....	574	87,441			4	9		857	578	88,307	88,885	43 50	2,357 68	2,401 18
Cattle.....	40	382	1						41	382	423	1 96	28 64	30 60
Cotton (raw).....														
Crockery and earthenware..	81	96							81	96	177	14 60	16 15	30 75
Dye wood and dye stuffs...	37	3					38		75	3	78	5 70	60	6 30
Fish.....	63	6	8						71	6	77	6 61	24	6 85
Flax and hemp.....	1								1		1	10		10
Flour.....	895	11,580	16						911	11,580	12,491	57 52	914 89	972 41
Furniture.....	511	1,495							511	1,495	2,006	92 57	273 85	366 42
Gypsum.....	1,390								1,390		1,390	18 33		18 33
Glass (all kinds).....	784	77	516						1,300	77	1,377	255 88	9 15	265 03
Hay (pressed).....	2,503	1,705							2,503	1,705	4,208	94 20	100 95	195 15
Hogs.....	10	22							10	22	32	40	1 67	2 07
Horses.....	282	506							282	506	788	15 08	31 65	46 73
Hides and skins, horns and hoofs.....	22	14	14						36	14	50	3 76	53	4 29
Ice.....														
Iron, railway.....	2,611	138							2,611	138	2,749	332 21	12 02	344 23

" pig.....	351	103				170		521	103	624	34 14	15 45	49 59	
" all other.....	13,354	1,883	2,251				20	15,605	1,903	17,508	1,447 06	144 04	1,591 10	
Iron ore.....														
Kryolite chemical ore and other ore, except iron.....		417							417	417		40 04	40 04	
Lard and lard oil.....	174	263						174	263	437	20 83	34 79	55 62	
Meal, all kinds.....	9	928						9	928	937	66	52 29	52 95	
Meats, other than pork.....	5	6						5	6	11	42	90	1 32	
Marble.....	4	1						4	1	5	76	05	81	
Manilla.....	11							11		11	2 10		2 10	
Molasses.....	355	144						355	144	499	51 76	9 80	61 56	
Nails.....	1,090	520	150					1,240	520	1,760	239 77	43 55	283 32	
Oats.....	937	24,588						937	24,588	25,525	24 30	1,107 78	1,132 08	
Oil (in barrels).....	833	685	189			11		1,033	685	1,718	188 81	81 95	270 76	
Oil cake.....		1,395							1,395	1,395		68 00	68 00	
Pease.....	66	6,745						66	6,745	6,811	1 71	625 06	626 77	
Potatoes.....	6	7						6	7	13	41	53	94	
Pork.....	195	420						195	420	615	19 20	24 44	43 64	
Paint.....	253	255	95			17		361	257	622	68 21	20 50	88 71	
Pitch and tar.....	229	201				212		441	201	642	48 30	17 55	65 85	
Rags.....	171	68						171	68	239	34 09	13 50	47 59	
Rye.....		10,828							10,828	10,828		672 87	672 87	
Flax seed.....	1	17,216						1	17,216	17,217	03	431 06	431 09	
Rosin.....	99	21				1,213		1,312	21	1,333	67 07	1 05	68 12	
Salt.....	2,923	72	110			169		3,202	72	3,274	368 62	6 87	375 49	
Stone intended for cutting. " wrought.....	54	2,180				172		226	2,180	2,406	11 60	81 75	93 35	
" not suitable for cutting, unwrought.....	23	1,023						23	1,023	1,046	45	24 90	25 35	
Seeds, all kinds.....	4,114	103	300					4,414	103	4,517	228 87	9 06	237 93	
Sheep.....	6	89						6	89	95	31	6 74	7 05	
Soda ash.....	162	23	147			12		321	23	344	63 90	2 65	66 55	
Steel.....	756	44	4					760	44	804	78 21	4 93	83 14	
Sugar.....	3,246	211	924			327		4,497	211	4,708	811 12	24 20	835 32	
Spirits, beer, &c.....	368	194	127					495	194	689	76 99	32 05	109 04	
Tobacco (raw).....	6							6		6	60		60	
Tallow.....	22	60						22	60	82	3 30	9 00	12 30	
Tin.....	1,008	18	285					1,293	18	1,311	257 90	3 15	261 05	
Turpentine.....	25	19				118		143	19	162	7 59	1 10	8 69	
Wheat.....	196	225,714					952	196	226,666	226,862	4 90	7,028 65	7,033 55	
White lead.....	84	20	4					88	20	108	17 19	1 00	18 19	
Whiting.....	188	2	92					280	2	282	55 66	10	55 76	
Wool.....														
All other goods and merchandise not enumerated.....	8,586	6,144	1,267		155	707	667	5	10,675	8,556	17,531	1,628 25	1,036 95	2,665 20
Bark.....														
Barrels, empty.....	367	153			2			369	153	522	30 90	14 29	45 19	
Boat knees.....														
Floats.....	860							860		860	15 06		15 06	
Fire wood, in vessels.....	2,094	6,717	120		180		537	2,931	6,717	9,648	48 95	159 67	208 62	

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

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Fire wood, in rafts.....												\$ cts.	\$ cts.	\$ cts.
Hoops.....														
Hop poles.....	1	34							1	34	35	25	2 00	2 25
Lumber, sawn, in vessels...	21,550	4,227							21,550	4,227	25,777	737 76	127 21	864 97
" " rafts....	14	954							14	954	968	60	42 64	43 24
Masts, spars, and telegraph poles, in vessels.....														
Masts, spars, and telegraph poles, in rafts.....	70	22,878							70	22,878	22,948	1 75	571 95	573 70
Railway ties, in vessels.....		4								4	4		14	14
" " rafts.....		184								184	184		7 35	7 35
Saw logs.....														
Staves and headings, barrel pipe.....														
" " West India.....														
Staves, salt barrel.....														
Shingles.....	1	96							1	96	97	15	16 34	16 49
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....														
Timber, square, in vessels...	185	540							185	540	725	2 38	7 34	9 72
" " rafts....	1,060	3,828							1,060	3,828	4,888	26 50	99 20	125 70
Traverses.....		60								60	60		75	75
Woodenware and wood partly manufactured.....	54	47							54	47	101	18 00	9 30	27 30
Total freight paying tolls.	105,468	569,573	7,015		393	1,636	6,391	247,577	119,267	818,786	938,053	9,678 67	65,866 95	75,546 62
<i>Free articles having paid full tolls on Welland Canal...</i>														
Agricultural implements.....					278		1,507			1,785	1,785			
Ashes.....							3			3	3			
Corn.....		10,625					9,274			19,899	19,899			
Flax seed.....		4,965								4,965	4,965			
Flour.....		622					778			1,400	1,400			

Furniture.....					5				5	5
Glass.....							1		1	1
Hay, pressed.....							246		246	246
Iron, all other.....	55						1,123		1,178	1,178
Lard and Lard oil.....					606		549		1,155	1,155
Meals.....							35		35	35
Meats (all kinds).....					2		112		114	114
Merchandise.....	5				6		2,409		2,420	2,420
Oats.....	1,584								1,584	1,584
Oil cake.....							1,083		1,083	1,083
Oils.....	12,686						2,301		14,987	14,987
Paint.....	15						2		17	17
Pork.....							34		34	34
Rye.....	1,910						1,051		2,961	2,961
Salt.....							50		50	50
Soda ash.....	4								4	4
Sugar.....							112		112	112
Tobacco.....							23		23	23
Wheat.....	118,464						14,238		132,702	132,702
Whiskey and (all other spirits).....					31		1		32	32
Barrels (empty).....							66		66	66
Lumber sawn (in vessels).....	1,978				429		228		2,635	2,635
Square timber (in vessels).....	504								504	504
Coal.....	70,447		45			6,326		76,818		76,818
<i>Free articles for Canal Construction, O.C. 1884.</i>										
Coal.....		723			129		2,573		3,425	3,425
Grand total, freight.....	175,915	723,713	7,060		393	3,122	12,717	285,376	196,085	1,012,211
										1,208,296

Total tolls on vessels.....	9,409 87	7,884 72	17,294 59
" " passengers.....	1,239 32	3,197 37	4,436 69
" " free goods.....	\$25,733.62		
Total tolls.....	20,327 86	76,949 04	97,276 90
Fines.....			75 00
*Damages.....			1,421 65
Wharfage and storage.....			4,890 62
Other receipts.....			
Total revenue, exclusive of hydraulic rents.....			\$103,664 17

*Amount of damages not included in above, \$508.15

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Concluded.

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1901.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl	30	17	22						52	17	69	10 40	3 40	13 80
Apples		689								689	689		103 35	103 35
Agricultural products not enumerated, vegetables..	172	1,385	1						173	1,385	1,558	25 95	206 75	232 70
Agricultural products not enumerated, animal.....	18	1,323							18	1,323	1,341	2 70	198 45	201 15
Agricultural implements...		8								8	8		1 60	1 60
Barley.....		14,139								14,139	14,139		1,413 90	1,413 90
Bricks.....	531		121						652		652	97 80		97 80
Bones.....		3								3	3		0 45	0 45
Brimstones.....	75		5						80		80	12 00		12 00
Buckwheat.....		120								120	120		12 00	12 00
Cement and water lime.....	3,464	188	244						3,708	188	3,896	556 20	28 20	584 40
Clay, lime and sand.....	312	75	2						314	75	389	47 10	11 25	58 35
Coal.....		70,463					227,782			298,245	298,245		44,732 55	34,732 55
Corn.....		1,805								1,805	1,805		180 50	180 50
Cattle.....														
Cotton (raw).....														
Crockery and earthenware.	29	75							29	75	104	5 80	15 00	20 80
Dye wood and dye stuffs...	1	3							1	3	4	0 20	0 60	0 80
Fish.....	16		8						24		24	3 60		3 60
Flax and hemp.....														
Flour.....	6	3,440	16						22	3,440	3,462	3 30	516 00	519 30
Furniture.....	367	1,287							367	1,287	1,654	73 40	257 40	330 80
Gypsum.....														
Glass (all kinds).....	651	34	516						1,167	34	1,201	233 40	6 80	240 20
Hay (pressed).....														
Hogs.....														
Horses.....	1	58							1	58	59	0 15	8 70	8 85

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1901.—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 Toll	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.	\$	cts.
Barrels, empty	61	1							61	1	62	10	38	0	14	10	52
Boat knees																	
Floats																	
Fire wood, in vessels.....																	
" " rafts																	
Hoops																	
Hop poles.....																	
Lumber, sawn, in vessels ..	109	220	5						114	220	334	10	20	19	80	30	00
" " 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.....																	
Timber, square, in vessels..		6								6	6			0	47	0	47
" " rafts.....																	
Traverses.....																	
Woodenware and wood partly manufactured.....	36								36		36	14	40			14	40
Total freight paying tolls..	25,738	136,798	6,896		12			228,756	32,646	365,554	398,200	5,687	38	52,533	16	58,225	54

Free articles having paid full tolls on the Welland Canal:

Agricultural implements.....					278		1,507		1,785	1,785
Ashes.....							3		3	3
Corn.....	8,033						6,286		14,319	14,319
Flax seed.....	4,965								4,965	4,965
Flour.....	622						778		1,400	1,400
Furniture.....					5				5	5
Glass.....							1		1	1
Hay pressed.....							246		246	246
Iron, all other.....	55						1,123		1,178	1,178
Lard and lard oil.....					606		549		1,155	1,155
Meals.....							35		35	35
Meats (all kinds).....					2		112		114	114
Merchandise.....	5				6		2,409		2,420	2,420
Oats.....	1,584								1,584	1,584
Oil cake.....							1,083		1,083	1,083
Oils.....	12,686						2,301		14,987	14,987
Paint.....	15						2		17	17
Pork.....							34		34	34
Rye.....	1,910						1,051		2,961	2,961
Salt.....							50		50	50
Soda ash.....	4								4	4
Sugar.....							112		112	112
Tobacco.....							23		23	23
Wheat.....	118,464						14,238		132,702	132,702
Whiskey and all other spirits.....					31		1		32	32
Barrels (empty).....							66		66	66
Lumber sawn (in vessels).....	1,978				429		228		2,635	2,635
Square timber (in vessels).....	504								504	504
Coal free per Order in Council.....	2,720		45					2,765		2,765
Grand total through freight	28,458	287,623	6,941		12	1,357	260,994	35,411	549,974	585,385

Total tolls on vessels.....	5,208 72	5,506 01	10,714 73
" passengers.....	707 25	2,496 80	3,204 05
" free goods.....	\$21,115.61		
Total through tolls.....	11,603 35	60,540 97	72,144 32

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 1901.

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.....	4	10							4	10	14	0 35	0 58	0 93
Agricultural products not enumerated, vegetables..	604	23							604	23	627	24 34	0 89	25 23
Agricultural products not enumerated, animal.....	1,265	350							1,265	350	1,615	63 41	22 43	85 84
Agricultural implements... ..	50	36							50	36	86	7 70	1 80	9 50
Barley.....	6	3,906							6	3,906	3,912	0 25	97 71	97 96
Bricks.....	8,426	16			15	26			8,452	31	8,483	358 64	1 18	359 82
Bones.....		13								13	13		0 99	0 99
Brimstone.....	5								5		5	0 38		0 38
Buckwheat.....	23	729							23	729	752	0 59	18 24	18 83
Cement and water lime....	3,475	346			145	990	598		4,465	1,089	5,554	254 16	77 82	331 98
Clay, lime and sand.....	10,815	23,624			22	1,724			12,539	23,646	36,185	504 77	985 95	1,490 72
Coal.....		6,296			40	738	17,361		40	24,395	24,435	1 50	1,461 29	1,462 79
Corn.....	574	85,636			4	9	857		578	86,502	87,080	43 50	2,177 18	2,220 68
Cattle.....	40	382	1						41	382	423	1 96	28 64	30 60
Cotton (raw).....														
Crockery and earthenware..	52	21							52	21	73	8 80	1 15	9 95
Dye wood and dye stuffs... ..	36						38		74		74	5 50		5 50
Fish.....	47	6							47	6	53	3 01	0 24	3 25
Flax and hemp.....	1								1		1	0 10		0 10
Flour.....	889	8,140							889	8,140	9,029	54 22	398 89	453 11
Furniture.....	144	208							144	208	352	19 17	16 45	35 62
Gypsum.....	1,390								1,390		1,390	18 33		18 33
Glass, all kinds.....	133	43							133	43	176	22 48	2 35	24 83
Hay, pressed.....	2,503	1,705							2,503	1,705	4,208	94 20	100 95	195 15
Hogs.....	10	22							10	22	32	0 40	1 67	2 07
Horses.....	281	448							281	448	729	14 93	22 95	37 88

Hides and skins, horns and hoofs	22	14							22	14	36	1.66	0 53	2 19
Ice														
Iron, railway	756	115							756	115	871	53 96	8 57	62 53
" pig	229				170				399		399	15 84		15 84
" all other	8,261	1,333							8,261	1,333	9,594	345 46	58 54	404 00
Iron ore														
Kyrolite chemical ore and other ore, except iron		307								307	307		34 54	34 54
Lard and lard oil	102	42							102	42	144	10 03	1 64	11 67
Meal, all kinds	9	875							9	875	884	0 66	44 34	45 00
Meats, other than pork	5								5		5	0 42		0 42
Marble	4	1							4	1	5	0 76	0 05	0 81
Manilla	10								10		10	1 90		1 90
Molasses	352	127							352	127	479	51 16	6 40	57 56
Nails	229	404							229	404	633	37 57	20 35	57 92
Oats	937	18,279							937	18,279	19,216	24 30	476 88	501 18
Oil (in barrels)	234	371			11				245	371	616	31 21	19 15	50 36
Oil cake		1,395								1,395	1,395		68 00	68 00
Pease	66	661							66	661	727	1 71	16 66	18 37
Potatoes	6	6							6	6	12	0 41	0 38	0 79
Pork	195	385							195	385	580	19 20	19 19	38 39
Paint	53	206			17				70	206	276	9 21	10 30	19 51
Pitch and tar	108	151			212				320	151	471	24 10	7 55	31 65
Rags	11	1							11	1	12	2 09	0 10	2 19
Rye		5,466								5,466	5,466		136 67	136 67
Flax seed	1	17,208							1	17,208	17,209	0 03	430 26	430 29
Rosin	92	21			1,213				1,305	23	1,326	65 67	1 05	66 72
Salt	1,663	36			169				1,832	36	1,868	163 12	1 47	164 59
Stone intended for cutting	54	2,180			172				226	2,180	2,406	11 60	81 75	93 35
Stone, wrought	223	11							223	11	234	20 54	0 55	21 09
Stone not suitable for cut- ting, unrough	23	948							23	948	971	0 45	18 90	19 35
Seeds, all kinds	3,863	57							3,863	57	3,920	146 22	2 16	148 38
Sheep	6	89							6	89	95	0 31	6 74	7 05
Soda ash	3	13							3	13	16	0 30	0 65	0 95
Steel	410	15							410	15	425	25 71	0 58	26 29
Sugar	725	120			327				1,052	120	1,172	122 12	6 00	128 12
Spirits, beer, &c	319	46							319	46	365	41 79	2 45	44 24
Tobacco, raw	6								6		6	0 60		0 60
Tallow														
Tin	43	3							43	3	46	7 90	0 15	8 05
Turpentine	23	18			118				141	18	159	7 19	0 90	8 09
Wheat	196	208,618							196	208,618	208,814	4 90	5,223 85	5,228 75
Whhite lead	23	20							23	20	43	4 19	1 00	5 19
Whiting	7	2							7	2	9	1 06	0 10	1 16
Wool														
All other goods and mer- chandise not enumerated	3,635	1,776	6		155	707	667	5	4,463	2,488	6,951	385 85	163 35	549 20
Bark														

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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 1901—*Continued*.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, up.	Amount of Tolls Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
												\$ cts.	\$ cts.	\$ cts.
Barrels, empty.....	306	152			2				308	152	460	20 52	14 15	34 67
Boat knees.....														
Floats.....	860								860		860	15 06		15 06
Fire wood, in vessels.....	2,094	6,717	120		180		537		2,931	6,717	9,648	48 95	159 67	208 62
" " rafts.....														
Hoops.....														
Hop poles.....	1	34							1	34	35	0 25	2 00	2 25
Lumber, sawn, in vessels	21,436	4,007							21,436	4,007	25,443	727 56	107 41	834 97
Lumber, sawn, in rafts....	14	954							14	954	968	0 60	42 64	43 24
Masts, spars and telegraph poles, in vessels.....														
Masts, spars and telegraph poles, in rafts.....	70	22,878							70	22,878	22,948	1 75	571 95	573 70
Railway ties, in vessels		4								4	4		0 14	0 14
" " rafts.....		154								184	184		7 35	7 35
Saw logs.....														
Staves and headings, barrel " " pipe.....														
" " West India.....														
Staves, salt barrel.....														
Shingles.....	1	96												
Split posts and fence rails, in vessels.....									1	96	97	0 15	16 34	16 49
Split posts and fence rails, in rafts.....														
Timber, square, in vessels.	185	534							185	534	719	2 38	6 87	9 25
Timber, square, in rafts....	1,060	3,825							1,060	3,828	4,888	26 50	99 20	125 70
Traverses.....		60								60	60		0 75	0 75
Woodenware and wood partly manufactured....	18	47							18	47	65	3 60	9 30	12 90
Total freight paying tolls	79,722	432,775	127		381	1,636	6,391	18,821	86,621	453,232	539,853	3,991 21	13,328 87	17,320 08

<i>Free articles having paid full tolls on the Walland Canal:</i>													
20 — v— 71	Corn	2,592					2,988		5,580	5,580			
	Coal, free, per Order in Council	67,727				6,326		74,053		74,052			
<i>Free articles for canal construction, O. C., 1884;</i>													
	Coal	723			129		2,573		3,425	3,425			
	Grand total way freight.	147,449	436,090	127	381	1,765	12,717	24,382	160,674	462,237	622,911		
											4,201 15	2,378 71	6,579 86
Total way tolls on vessels											532 07	700 57	1,232 64
" " passengers													
" " free goods											\$4,618 01		
Total way tolls											8,724 43	16,408 15	25,132 58

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

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 1901.

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.....		3								3	3	0	57
Apples.....		110								110	110	6	43
Agricultural products not enumerated, vegetables.....		13								13	13	1	22
" " " animal.....		2,351								2,351	2,351	209	16
Agricultural implements.....		4								4	4	0	76
Barley.....													
Bricks.....		1								1	1	0	06
Bones.....		10								10	10	0	71
Brimstone.....													
Buckwheat.....		40								40	40	3	84
Cement and water lime.....	291	161							291	161	452	18	59
Clay, lime and sand.....	490	1,890							490	1,890	2,380	54	65
Coal.....		6								6	6	0	10
Corn.....													
Cattle.....		492								492	492	40	94
Cotton (raw).....													
Crockery and earthenware.....													
Dye wood and dye stuffs.....		3								3	3	0	29
Fish.....		4								4	4	0	24
Flax and hemp.....													
Flour.....		56								56	56	5	55
Furniture.....		33								33	33	5	82
Gypsum.....													
Glass (all kinds).....		11								11	11	2	09
Hay (pressed).....		2,761								2,761	2,761	224	49
Hogs.....		130								130	130	10	57
Horses.....	14	135							14	135	149	6	78
Hides and skins, horns and hoofs.....		4								4	4	0	28
Ice.....													

Iron, railway.....	10					10	10	0 98
" pig.....								
" all other.....	25					25	25	2 03
Iron ore.....								
Kryolite chemical ore and other ore, except iron...								
Lard and lard oil.....	2					2	2	0 20
Meal, all kinds.....	2					2	2	0 12
Meats, other than pork.....	34					34	34	2 03
Marble.....								
Manilla.....	2					2	2	0 38
Molasses.....								
Nails.....								
Oats.....	1,132					1,132	1,132	77 47
Oil (in barrels).....	1					1	1	0 19
Oil cake.....								
Pease.....	27					27	27	2 15
Potatoes.....	148					148	148	9 54
Pork.....	9					9	9	0 74
Paint.....	1					1	1	0 19
Pitch and tar.....	133					133	133	25 37
Rags.....	71					71	71	13 81
Rye.....	6					6	6	0 59
Flax seed.....								
Rosin.....								
Salt.....	20					20	20	1 36
Stone intended for cutting.....								
" wrought.....	1					1	1	0 19
" not suitable for cutting, unwrought.....								
Seeds, all kinds.....								
Sheep.....	367					367	367	32 24
Soda ash.....								
Steel.....								
Sugar.....	7					7	7	0 69
Spirits, beer, &c.....	3					3	3	0 39
Tobacco (raw).....								
Tallow.....	29					29	29	2 85
Tin.....								
Turpentine.....								
Wheat.....								
White lead.....								
Whiting.....								
Wool.....								
All other goods and merchandise not enumerated.....	431					431	431	75 56
Bark.....								
Barrels empty.....	45					45	45	6 46
Boat knees.....								
Floats.....	20	62,160				20	62,160	62,180
Fire wood, in vessels.....	120	11,889	242			120	12,131	12,251
" rafts.....								
Hoops.....	19					19	19	1 10

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.		
Hop poles.....												\$ cts.
Lumber, sawn, in vessels.....		261,767		37,694					299,461		299,461	20,969 17
" " rafts.....		14							41		14	0 24
Masts, spars and telegraph poles, in vessels.....												
" " " rafts.....												
Railway ties, in vessels.....		56							56		56	5 15
" " rafts.....		19							19		19	1 00
Saw logs.....		2,717							2,717		2,717	61 50
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....		92		3					95		95	12 73
Split posts and fence rails, in vessels.....												
" " " rafts.....												
Timber, square, in vessels.....		11,350							11,350		11,350	125 82
" " rafts.....		720							720		720	7 51
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	935	361,527		37,939					935	399,466	400,401	22,932 30
<i>Free per Order in Council, June 27, 1890.</i>												
Floats.....		27,140							27,140		27,140	
Railway ties in rafts.....		19							19		19	
Square timber ".....		17,120							17,120		17,120	
Saw logs.....		1,182							1,182		1,182	
Freight, grand total.....	935	406,988		37,939					935	444,927	445,862	

Total tolls on vessels.....	2,542 18
" passengers.....	152 71
" free goods.....	\$484 19
Other receipts.....	35 25
Total revenue exclusive of hydraulic rents	25,662 44

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected during the Season of Navigation in 1901.

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.....												33 03
Apples.....	5	460					15	5	475	480		
Agricultural products not enumerated, vegetables.....												
" " animal.....												
Agricultural implements.....	46							46		46		1 58
Barley.....		18	3					3	18	21		80
Bricks.....	256						43	256	43	299		22 57
Bones.....												
Brimstone.....							168		168	168		16 80
Buckwheat.....												
Cement and water lime.....	6			88			5,942	6	6,030	6,036		637 89
Clay, lime and sand.....	290	555					7,870	290	8,425	8,715		853 38
Coal.....							84,949		84,949	84,949		8,334 16
Corn.....												
Cattle.....		156							156	156		5 42
Cotton (raw).....												
Crockery and earthenware.....		37							37	37		3 70
Dye wood and dye stuffs.....							36		36	36		3 60
Fish.....												
Flax and hemp.....												
Flour.....	490	4						490	4	494		16 75
Furniture.....												
Gypsum.....												
Glass (all kinds).....							3		3	3		30
Hay (pressed).....	689	2,303	23,258	997			48	23,947	3,348	27,295		1,894 79
Hogs.....												
Horses.....	10	34						10	34	44		1 60
Hides and skins, horns and hoofs.....												
Ice.....												
Iron, railway.....												

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

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts
Lumber, sawn, in vessels.....	1,170	11	29,121				273	30,291	284	30,575		1,768 21
" " rafts.....												
Masts, spars, and telegraph poles, in vessels..												
" " " " rafts.....			4,587					4,587		4,587		366 35
Rail-way ties, in vessels.....												
" " rafts.....												
Saw logs.....												
Staves and headings, barrel.....												
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....												
Split posts and fence rails, in vessels.....	2							2		2		27
" " " " rafts.....												
Timber, square, in vessels.....							1,447	1,447		1,447		72 84
" " rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	5,444	7,115	219,894	1,245			126,100	225,338	134,460	359,798		21,648 17
Total tolls on vessels.....											3,152 46	
" " passengers.....											63 89	
Total revenue exclusive of hydraulic rents.....											24,864 52	

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 1901.

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.....		2								2	2	0 36
Apples.....		16								16	16	0 45
Agricultural products not enumerated, vegetables.....												
" " " animal.....	435	818							435	818	1,253	35 30
Agricultural implements.....	8	62							8	62	70	10 03
Barley.....		56								56	56	1 31
Bricks.....	232	104	61						293	104	397	12 09
Bones.....	2	12							2	12	14	0 62
Brimstone.....												
Buckwheat.....												
Cement and water lime.....	608	3							608	3	611	15 55
Clay, lime and sand.....	7,579	754	125						7,704	754	8,458	202 01
Coal.....		1,046					16,633			17,679	17,679	614 13
Corn.....	3	61							3	61	64	1 56
Cattle.....		2								2	2	0 12
Cotton (raw).....												
Crockery and earthenware.....	1	4							1	4	5	0 45
Dye wood and dye stuffs.....												
Fish.....	45								45		45	1 09
Flax and hemp.....												
Flour.....	115	327							115	327	442	11 19
Furniture.....	7	19							7	19	26	2 59
Gypsum.....												
Glass (all kinds).....	43	1							43	1	44	3 92
Hay (pressed).....	310	26							310	26	336	8 93
Hogs.....												
Horses.....												
Hides and skins, horns and hoofs.....	7								7		7	0 18
Ice.....												
Iron, railway.....	6								6		6	0 15
" pig.....	2								2		2	0 05

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.....	369	6							369	6	375	\$ 9 77
" ore.....												
Kryolite, chemical ore or other ore, except iron.....		38								38	38	1 90
Lard and lard oil.....	63	9							63	9	72	1 92
Meal, all kinds.....	8	152							8	152	160	3 92
Meats, other than pork.....	3								3		3	0 09
Marble.....												
Manilla.....		1								1	1	0 09
Molasses.....	61	1							61	1	62	5 44
Nails.....	76	2							76	2	78	7 56
Oats.....	309	149							309	149	458	13 40
Oil (in barrels).....	132	10							132	10	142	12 79
Oil cake.....		1								1	1	0 03
Pease.....	9	2							9	2	11	0 26
Potatoes.....												
Pork.....	48								48		48	1 33
Paint.....	20								20		20	1 80
Pitch and tar.....	16	16							16	16	32	2 84
Rags.....	19	7							19	7	26	2 64
Rye.....												
Flax seed.....												
Rosin.....	1								1		1	0 09
Salt.....	961	225							961	225	1,186	30 03
Stone intended for cutting.....	5								5		5	0 12
" wrought.....												
" not suitable for cutting, unwrought.....		188								188	188	2 34
Seeds, all kinds.....	1								1		1	0 03
Sheep.....												
Soda ash.....												
Steel.....	11	5							11	5	16	0 42
Sugar.....	214	14							214	14	228	21 84
Spirits, beer, &c.....	56	9							56	9	65	5 87
Tobacco (raw).....	8								8		8	0 22
Tallow.....		2								2	2	0 05

Tin	3							3	3	0 27
Turpentine										
Wheat	9	456						9	456	10 86
White lead	23							23	23	2 07
Whiting										
Wool										
All other goods and merchandise not enumerated	688	462						688	462	1,150 113 76
Bark										
Barrels, empty	10	10						10	10	20 1 49
Boat knees										
Floats										
Fire wood, in vessels	3,939	168						3,939	168	4,107 72 70
" rafts										
Hoops										
Hop poles										
Lumber, sawn, in vessels	1,260	3,332	8,408	3,936				9,668	7,268	16,936 1,239 06
" " rafts										
Masts, spars, and telegraph poles, in vessels										
" " " rafts										
Railway ties, in vessels	533							533	533	21 22
" " rafts										
Saw logs										
Staves and headings, barrel										
" " pine										
" " West India										
Staves and barrel										
Shingles	84	71						84	71	155 37 55
Split posts and fence rails, in vessels										
" " " rafts										
Timber, square, in vessels										
" " rafts	20	20						20	20	40 0 76
Traverses										
Woodenware and wood partly manufactured		32							32	32 3 20
Total freight paying tolls	18,362	8,701	8,594	3,936				16,633	26,956	29,270 56,226 2,551 81
Coal, free, per Order in Council	150							150	150	150
Grand total freight	18,512	8,701	8,594	3,936				16,633	27,106	29,270 56,376
Total tolls on vessels										1,401 48
" passengers										161 15
" free coal									\$4 00	
Wharfage and winterage										121 50
Other receipts										125 00
Total revenue, exclusive of hydraulic rents										4,360 94

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 1901.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to Canadian Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.												\$ cts.
Apples.....	83								83		83	0 83
Agricultural products not enumerated, vegetables..	98								98		98	0 98
" " " animal.....	4								4		4	0 04
Agricultural implements.....	9								9		9	0 09
Barley.....	5								5		5	0 05
Bricks.....	4,218								4,218		4,218	42 18
Bones.....		4								4	4	0 04
Brimstone.....												
Buckwheat.....	1								1		1	0 01
Cement and water lime.....	323	463							323	463	786	7 86
Clay, lime and sand.....		411								411	411	4 11
Coal.....	62	46,324							62	46,324	46,386	463 86
Corn.....												
Cattle.....	11								11		11	0 11
Cotton (raw).....												
Crockery and earthenware.....	14								14		14	0 14
Dye wood and dye stuffs.....												
Fish.....	81	1,561							81	1,561	1,642	16 42
Flax and hemp.....												
Flour.....	1,527								1,527		1,527	15 27
Furniture.....	27								27		27	0 27
Gypsum.....												
Glass (all kinds).....	5								5		5	0 05
Hay (pressed).....	1,739								1,739		1,739	17 39
Hogs.....												
Horses.....												
Hides and skins, horns and hoofs.....		1								1	1	0 01
Ice.....												
Iron, railway.....												
" pig.....	1	50							1	50	51	0 51
" all other.....	65	65							65	65	130	1 30

Iron ore.....									
Kryolite chemical ore and other ore, except iron.....	30							30	0 30
Lard and lard oil.....	2							2	0 02
Meal, all kinds.....	681							681	6 81
Meats, other than pork.....	21							21	0 21
Marble.....		858						858	8 58
Manilla.....	16	10						26	0 26
Molasses.....	338							338	3 38
Nails.....	93							93	0 93
Oats.....	2,515	3						2,518	25 18
Oil (in barrels).....	177	32						209	2 09
Oil cake.....	7							7	0 07
Pease.....									
Potatoes.....	4,224	6						4,230	42 30
Pork.....	33							33	0 33
Paint.....	24							24	0 24
Pitch and tar.....	11							11	0 11
Rags.....									
Rye.....									
Flax seed.....									
Rosin.....									
Salt.....	739	18							
Stone intended for cutting.....		108						757	7 57
" wrought.....								108	1 08
" not suitable for cutting, unwrought.....	115	2,189							
Seeds, all kinds.....								2,304	23 04
Sheep.....	8							8	0 08
Soda ash.....									
Steel.....									
Sugar.....	93	2						95	0 95
Spirits, beer, &c.....	25							25	0 25
Tobacco (raw).....	1							1	0 01
Tallow.....									
Tin.....	25							25	0 25
Turpentine.....									
Wheat.....									
White lead.....	1							1	0 01
Whiting.....									
Wool.....									
All others goods and merchandise not enumerated.....	568								
Bark.....	112							568	5 68
Barrels empty.....	17							112	1 12
Boat kees.....	2							17	0 17
Floats.....								2	0 02
Fire wood, in vessels.....		222							
" " rafts.....								222	2 22
Hoops.....									
Hop poles.....									
Lumber, sawn, in vessels.....	16,288	103							
" " rafts.....								16,391	163 91

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 Canadian Ports.		From United States to United States Ports.		From United States to United States Ports.		Tons.		Total Tons.	Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Masts, spars, and telegraph poles, in vessels.. . . .	82	141							82	141	223	\$ 2 23	
" " " " rafts.. . . .	30								30		30	0 30	
Railways ties, in vessels.. . . .													
" " rafts.. . . .													
Saw logs.. . . .													
Staves and headings, barrel.. . . .													
" " pipe.. . . .													
" " West India.. . . .													
Staves, salt barrel.. . . .													
Shingles.. . . .	368								368		368	3 68	
Split posts and fence rails, in vessels.. . . .	138								138		138	1 38	
" " " " rafts.. . . .													
Timber, square, in vessels.. . . .	519	110							519	110	629	6 29	
" " " " rafts.. . . .													
Traverses.. . . .													
Woodenware and wood partly manufactured.. . . .													
Total freight paying tolls.. . . .	35,576	52,681							35,576	52,681	88,257	882 57	
											Total tolls on vessels.. . . .		2,416 55
											Other receipts.. . . .		
											Total receipts.. . . .		3,299 12

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

RICHARD DEVLIN,
Compiler of Canal Statistics.

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 1901.

20—V—8

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl..												\$ cts.
Apples..												
Agricultural products not enumerated, vegetables..												
" " " animal..		8								8	8	0 24
Agricultural implements..												
Barley..												
Bricks..		113								113	113	1 13
Bones..												
Brimstone..												
Buckwheat..	22								22		22	0 22
Cement and water lime..												
Clay, lime and sand..												
Coal..												
Corn..												
Cattle..	5	9							5	9	14	0 14
Cotton (raw)..												
Crockery and earthenware..												
Dye wood and dye stuffs..												
Fish..												
Flax and hemp..												
Flour..												
Furniture..	1								1		1	0 03
Gypsum..												
Glass (all kinds)..												
Hay (pressed)..												
Hogs..	162								162		162	1 62
Horses..												
Hides and skins, horns and hoofs..	2								2		2	0 02
Ice..												
Iron, railway..												

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

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.
Iron pig.....													
" all other.....													
Iron ore.....													
Kryolite chemical ore and other ore, except iron.....													
Lard and lard oil.....													
Meal, all kinds.....													
Meats, other than pork.....													
Marble.....													
Manilla.....													
Molasses.....													
Nails.....													
Oats.....													
Oil (in barrels).....													
" cake.....													
Pease.....	3								3		3	0	03
Potatoes.....													
Pork.....													
Paint.....													
Pitch and tar.....													
Rags.....													
Rye.....													
Flax seed.....													
Rosin.....													
Salt.....													
Stone intended for cutting.....													
" wrought.....													
" not suitable for cutting, unwrought.....													
Seeds, all kinds.....													
Sheep.....	12								12		12	0	12
Soda ash.....													
Steel.....													
Sugar.....													
Spirits, beer, &c.....													

Tobacco (raw).....									
Trawl.....									
Tin.....									
Turpentine.....									
Wheat.....	494	50				494	50	544	7 94
White lead.....									
Whiting.....									
Wool.....									
All other goods and merchandise not enumerated.....	11	67				11	67	78	2 34
Bark.....	36					36		36	1 37
Barrels, empty.....									
Boat knees.....									
Floats.....	512	5,816				512	5,816	6,328	54 57
Fire wood, in vessels.....	12,825	2,850				12,825	2,850	15,675	156 75
" rafts.....									
Hoops.....									
Hop poles.....									
Lumber, sawn, in vessels.....	2,346	244				2,346	244	2,590	51 24
" " rafts.....									
Masts, spars and telegraph poles, in vessels.....									
" " " rafts.....	250					250		250	2 50
Railway ties, in vessels.....									
" " rafts.....	886					886		886	34 95
Saw logs.....	8,533	623				8,533	623	9,156	78 96
Staves and headings, barrel.....									
" " pipe.....									
" " West India.....									
Staves, salt barrel.....									
Shingles.....	19	2				19	2	21	1 95
Split posts and fence posts, in vessels.....									
" " rafts.....									
Timber, square, in.....									
" " rafts.....	31	600				31	600	631	6 60
Traverses.....									
Woodenware, &c..... partly manufactured.....									
(aw).....									
Eight paying tolls.....	26,150	10,382				26,150	10,382	36,532	402 72
Total tolls on vessels.....									505 36
" " passengers.....									155 16
Other receipts.....									36 60
Total revenue exclusive of hydraulic rents.....									1,099 84

APPENDIX A—Continued.

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported on the Murray Canal, and the Amount of Revenue collected during the Season of Navigation in 1901.

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.....	11	319							11	319	330	6	29
Agricultural product not enumerated, vegetables.....	168	138	50						218	138	356	6	77
" " " animal.....	42								42		42	0	80
" " " ".....	1								1		1	0	03
Agricultural implements.....	1								1		1	0	03
Barley.....		688								688	688	12	92
Bricks.....	32	2							32	2	34	0	65
Bones.....													
Brimstone.....	8								8		8	0	16
Buckwheat.....		3								3	3	0	06
Cement and water lime.....	14	8							14	8	22	0	42
Clay, lime and sand.....	61								61		61	1	17
Coal.....	80	320					490	1,299	570	1,619	2,189	41	08
Corn.....													
Cattle.....		10								10	10	0	15
Cotton (raw).....													
Crockery and earthenware.....	32	36							32	36	68	1	72
Dye wood and dye stuffs.....		5								5	5	0	13
Fish.....	4								4		4	0	08
Flax and hemp.....													
Flour.....		5								5	5	0	10
Furniture.....	83	125	3						86	125	211	5	55
Gypsum.....								7		7	7	0	14
Glass (all kinds).....	45	60							45	60	105	2	64
Hay (pressed).....													
Hogs.....													
Horses.....	4	1						1	4	2	6	0	12
Hides and skins, horns and hoofs.....													
Ice.....													

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported on the Murray Canal, &c.—*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.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Hop poles.....												
Lumber, sawn, in vessels.....	32		264						296		296	3 32
" rafts.....												
Masts, spars and telegraph poles, in vessels.....			30						30		30	0 19
" rafts.....												
Railway ties, in vessels.....			1,284						1,284		1,284	12 84
" rafts.....												
Saw logs.....												
Staves and headings, barrel.....												
" pipe.....												
" West India.....												
Staves, salt barrel.....												
Shingles.....			56						56		56	4 60
Split posts and fence rails, in vessels.....												
" rafts.....												
Timber, square, in vessels.....												
" rafts.....		2,280							2,280		2,280	28 50
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight paying tolls.....	8,627	12,814	6,248				490	1,356	15,365	14,170	29,535	528 86
Total tolls on vessels.....												284 63
" passengers.....												235 71
Total revenue, exclusive of hydraulic rents.....												1,049 20

DEPARTMENT OF RAILWAYS AND CANALS

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APPENDIX A—Continued.

No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on Sault Ste. Marie Canal, during the Season of Navigation, 1901.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Ashes, pot and pearl											
Apples	30		216						246		246
Agricultural products not enumerated, vegetables						1				1	1
" " " " animal											
Agricultural implements											
Barley						1,759				1,759	1,759
Bricks	420		90				3,912		4,422		4,422
Bones											
Brimstone											
Buckwheat											
Cement and water lime	400				225		1,708		2,333		2,333
Clay, lime and sand	340	9,120		7,070			299		639	16,190	16,829
Coal	50	750			334,410	6,850	118,333		502,793	7,600	510,393
Corn						21,266	1,456	6,466	1,456	27,732	29,188
Cattle	272	12	2						274	12	286
Cotton (raw)											
Crockery and earthenware	145								145		145
Dye wood and dye stuffs											
Fish		585		439		121		123		1,268	1,268
Flax and hemp											
Flour	30	28,197				89,920		19,260	30	137,377	137,407
Furniture	55					1			55	1	56
Gypsum											
Glass (all kinds)	112						2		114		114
Hay (pressed)	1,573	9	110						1,683	9	1,692
Hog											
Horses	137	15	5	26				28	142	69	211
Hides and skins, horns and hoofs											
Ice											

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

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Iron, railway	1,021	75	95		2,800	60	12,189		16,105	135	16,240
" pig	5,163	400			440	4,686	15,627	1,759	21,230	845	28,075
" all other	1,584	90	107		3,014		1,164		5,869	690	5,959
Iron, ore		62,309		128,708	2,950	1,381,567	130	20,885	3,080	1,593,469	1,596,549
Kryolite chemical ore and other ore, except iron ..		54				11,774		24		11,852	11,852
Lard and lard oil											
Meal, all kinds											
Meats, other than pork											
Marble											
Manilla	175								175		175
Molasses	36								36		36
Nails	581						101		682		682
Oats	818	1,344	17			7,558	1,966	990	2,801	9,892	12,693
Oil (in barrels)	209		115		2,977		1		3,302		3,302
Oil cake								3,864		3,864	3,864
Pease											
Patatoes											
Pork											
Paint	72								72		72
Pitch and tar	24								24		24
Rags											
Rye						3,374				3,374	3,374
Flax seed						13,880		4,289		18,169	18,169
Rosin											
Salt	1,008		1,189		4,668		143		7,008		7,008
Stone intended for cutting											
" wrought	20								20		20
" not suitable for cutting, unwrought	4,918	190							4,918	190	5,108
Seed, all kinds	4								4		4
Sheep											
Soda ash											
Steel	642				869		1,596		3,107		3,107
Sugar	821								821		821
Spirits, beer, &c.	546		65						611		611

Tobacco (raw).....											
Tallow.....											
Tin.....	10							10		10	
Turpentine.....											
Wheat.....		170,896		5,895		44,490		67,905		289,186	289,186
White lead.....	95							95		95	
Whiting.....											
Wool.....						1,185		30		1,215	1,215
All other good and merchandise not enumerated.....	22,464	2,246	16,529	253	20,442	858	792	476	60,227	3,835	64,060
Bark.....											
Barrels empty.....											
Boat knees.....											
Flats.....											
Fire wood, in vessels.....	612	693				2,400			612	3,093	3,705
" " rafts.....		186								186	186
Hoops.....											
Hop poles.....											
Lumber, sawn, in vessels.....	7,099	306				11,895	809	767	8,008	12,968	20,976
" " rafts.....		14								14	14
Masts, spars, and telegraph poles, in vessels.....											
" " " rafts.....		45				100				145	145
Railway ties, in vessels.....	2,670	135				62	2,438		5,108	197	5,305
" " rafts.....											
Saw logs.....	586	1,046			473	1,338	489		1,548	2,384	3,932
Staves and headings, barrel.....											
" " pipe.....											
" " West India.....											
Staves, salt barrel.....											
Shingles.....	9	10				2,953		879	9	3,842	3,851
Split posts and fence rails, in vessels.....											
" " " rafts.....											
Timber, square, in vessels.....	100						1,295	2,220	1,395	2,220	3,615
" " rafts.....	3								3		3
Traverses.....											
Woodenware and wood partly manufactured.....	1								1		1
Total freight.....	54,955	278,727	18,540	142,391	423,268	1,608,098	164,450	129,965	661,213	2,159,181	2,820,394

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, September, 2, 1902.

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APPENDIX

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

Articles.	Welland Canal.		St. Lawrence Canals.		Chamby Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian vessels, steam.....	285,672	3,662 72	740,269	4,935 75	56,470	218 20
United States vessels, steam.....	347,821	5,223 47	84,536	503 13	1,074	15 22
Canadian vessels, sail.....	127,925	2,782 87	1,118,866	10,787 35	24,901	310 55
United States vessels, sail.....	44,162	982 81	91,651	1,068 36	213,389	2,608 49
Total, Class No. 1.....	805,580	12,651 87	2,035,322	17,294 59	295,834	3,152 46
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	12,117	148 30	85,246	4,436 69	3,587	63 89
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	78	1 48	9,135	457 62	209	22 57
Brimstone.....			85	12 38	168	16 80
Cement and water lime.....	389	44 85	9,450	916 38	6,036	637 89
Clay, lime and sand.....	475	58 39	36,574	1,549 07	8,715	853 38
Fish.....	521	78 15	77	6 85		
Gypsum.....			1,390	18 33		
Iron (railway).....	83	12 45	2,749	344 23		
" (pig).....	3,809	660 85	624	49 59	170	17 00
" (all other).....	2,285	423 22	17,508	1,591 10	745	72 29
Steel.....	68	10 20	804	83 14		
Salt.....	327	64 14	3,274	375 49	550	40 78
Stone, for cutting.....			2,406	93 35	20	1 34
Apples.....	5	0 13	703	104 28	480	33 03
Barley.....	7,119	711 90	18,051	1,511 86	21	80
Buckwheat.....			872	30 83		
Corn.....	67,756	6,775 60	88,885	2,401 18		
Cotton (raw).....			1	0 10		
Flax and hemp.....						
Flour.....	18,978	3,516 79	12,491	972 41	494	16 75
Hay (pressed).....	246	49 20	4,208	195 15	27,295	1,894 79
Meals (all kinds).....	14,019	3,803 48	937	52 95		
Oil cake.....	1,415	283 00	1,395	68 00		
Oats.....	23,485	2,868 99	25,525	1,132 08	2,148	71 82
Pease.....			6,811	626 77	13	44
Potatoes.....			13	94	18	61
Rye.....	2,961	296 10	10,828	672 87		
Flax seed.....	4,967	496 70	17,217	431 09		
Seeds (all kinds).....	11	0 21	4,517	237 93	19	0 65
Tobacco (raw).....	23	4 60	6	0 60		
Wheat.....	151,586	15,197 69	226,862	7,032 55		
All other agricultural products, vegetable.....	10	2 00	2,185	257 93		
Bones.....			16	1 44		
Cattle.....	1	0 15	423	30 60	156	5 42
Hogs.....			32	2 07		
Hides and skins, horns and hoofs.....			50	4 29		
Horses.....	4	21	788	46 73	44	1 60
Lard and lard oil.....	2,507	501 40	437	55 62		
Meats (other than pork).....	121	24 20	11	1 32		
Pork.....	1,015	202 95	615	43 64		
Sheep.....			95	7 05	75	2 69
Tallow.....	666	105 85	82	12 30		
Wool.....	8	1 35				
All other agricultural products, animal.....			2,956	286 99		
Total, Class No. 3.....	309,938	35,201 23	511,088	21,720 10	47,466	3,680 65

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A—Continued.

the amount of Tolls collected during the Season of Navigation in 1901.

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.	
209,564	230 69	126,837	629 54	124,767	821 26	41,977	839 75	65,328	375 51	634,186
1,044	4 26			877	12 25	402	8 04			1,423,803
12,387	45 18	115,144	1,554 86	32,329	454 36	77,840	1,558 14	34,837	129 85	140,965
337	4 50	15,577	357 78	6,276	113 61	531	10 62			250,794
223,332	284 43	257,558	2,542 18	164,249	1,401 48	120,750	2,416 55	100,165	505 36	2,449,748
No.		No.		No.		No.		No.		No.
19,120	235 71	10,822	152 71	6,199	161 15			23,306	155 16	30,031
Tons.		Tons.		Tons.		Tons.		Tons.		Tons.
34	0 65	1	0 06	397	12 09	4,218	42 18	113	1 13	4,422
8	0 16									
22	0 42	452	18 59	611	15 55	786	7 86			2,333
61	1 17	2,380	54 65	8,458	202 01	411	4 11			16,829
4	0 08	4	0 24	45	1 09	1,642	16 42			1,268
7	0 14									
136	2 62	10	0 98	6	0 15					16,240
6	0 12			2	0 05	51	0 51			28,075
427	8 09	25	2 03	375	9 77	130	1 30			5,959
48	0 93			16	0 42					3,107
237	4 48	20	1 36	1,186	30 03	757	7 57			7,008
				5	0 12	108	1 08			
330	6 29	110	6 43	16	0 45	83	0 83			246
688	12 92			56	1 31	5	0 05			1,759
3	0 06	40	3 84			1	0 01	22	0 22	
				64	1 56					29,188
5	0 10	56	5 55	442	11 19	1,527	15 27			137,407
		2,761	224 49	336	8 93	1,739	17 39			1,692
13	0 26	2	0 12	160	3 92	681	6 81			
				1	0 03	7	0 07			3,864
19	0 36	1,132	77 47	458	13 40	2,518	25 18			12,693
376	7 09	27	2 15	11	0 26			3	0 03	
		148	9 54			4,230	42 30			
868	16 32	6	0 59							3,374
										18,169
50	0 98			1	0 03					4
				8	0 22	1	0 01			
914	17 18			465	10 86			544	7 94	289,186
356	6 77	13	1 22			98	0 98			1
		10	0 71	14	0 62	4	0 04			
10	0 15	492	40 94	2	0 12	11	0 11	14	0 14	286
		130	10 57					162	1 62	
		4	0 28	7	0 18	1	0 01	2	0 02	
6	0 12	149	6 78							211
96	1 86	2	0 20	72	1 92	2	0 02			
2	0 04	34	2 03	3	0 09	21	0 21			
		9	0 74	48	1 33	33	0 33			
		367	32 24			8	0 08	12	0 12	
		29	2 85	2	0 05					
5	0 12									1,215
42	0 80	2,351	209 16	1,253	35 30	4	0 04	8	24	
4,773	90 28	10,764	715 81	14,520	363 05	19,077	190 77	880	11 46	584,536

2-3 EDWARD VII., A. 1903

APPENDIX

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

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>		\$ cts.		\$ cts.		\$ cts.
Ashes, pot and pearl.....	3	0 60	69	13 80		
Agricultural implements.....	1,785	357 00	94	11 10	46	1 58
Crockery and earthenware.....	1	0 15	177	30 75	37	3 70
Dye woods and dye stuffs.....			78	6 30	36	3 60
Furniture.....	21	3 40	2,006	366 42		
Glass (all kinds).....	62	5 82	1,377	265 03	3	30
Marble.....	1,360	204 00	5	0 81		
Manilla.....	557	83 55	11	2 10		
Molasses.....	305	46 60	499	61 56	115	3 92
Nails.....	27	1 70	1,760	283 32	6	0 21
Oil (in barrels).....	18,337	3,649 55	1,718	270 76	152	10 89
Paint.....	144	21 97	622	88 71	1	0 10
Pitch and tar.....	21	4 00	642	65 85	2,301	230 10
Rags.....	47	0 90	239	47 59		
Rosin.....	25	3 75	1,333	68 12	2,057	237 24
Soda ash.....	120	17 42	344	66 05		
Sugar.....	5,002	772 41	4,708	835 32	569	51 88
Stone (wrought).....			240	22 29		
Tin.....	26	3 90	1,311	261 05		
Turpentine.....			162	8 69	137	13 70
White lead.....			108	18 19		
Whiting.....			282	55 76		
Whiskey and all other spirits.....	108	17 67	689	109 04		
Merchandise (not enumerated).....	33,451	5,130 40	17,531	2,665 20	7,221	582 72
Total, Class No. 4.....	61,402	10,324 79	36,005	5,624 31	12,681	1,139 94
<i>Class No. 5.</i>						
Bark.....						
Barrels (empty).....	316	59 57	522	45 19	23	2 60
Boat knees.....					13	1 00
Floats.....			860	15 06		
Fire wood (in vessels).....	6,176	315 68	9,648	208 62	160,044	5,333 53
" (in rafts).....						
Lumber sawn (in vessels).....	59,952	10,728 94	25,777	864 97	30,575	1,768 21
" (in rafts).....	66	12 00	968	43 24		
Hoops.....						
Railway ties (in vessels).....	709	56 00	4	0 14	4,587	366 35
" (in rafts).....			184	7 35		
Masts, spars and telegraph poles (in vessels).....						
Masts, spars and telegraph poles (in rafts).....			22,948	573 70		
Square timber (in vessels).....	14,527	2,177 98	725	9 72	1,447	72 84
" (in rafts).....	18	74	4,888	125 70		
Woodenware and wood partly manufactured.....	124	49 60	101	27 30		
Shingles.....	54	15 60	97	16 49		
Split posts and fence rails (in vessels).....					2	0 27
" (in rafts).....						
Saw logs.....	2,268	103 58				
Staves and headings (barrel).....	1,724	27 60				
" " (pipe).....						
" " (West India).....						
" " (salt barrel).....	44	3 52				
Traverses.....			60	0 75		
Hop poles.....			35	2 25		
Total, Class No. 5.....	85,978	13,550 81	66,817	1,940 48	196,691	7,544 80

SESSIONAL PAPER No. 20

A—Continued.

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.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
1	0 03	3	0 57	2	0 36	9	0 09			
68	1 72	4	0 76	70	10 03	14	0 14			145
5	0 13	3	0 29							
211	5 55	33	5 82	26	2 59	27	0 27	1	0 03	56
105	2 64	11	2 09	44	3 92	5	0 05			114
						858	8 58			
		2	0 38	1	0 09	26	0 26			175
40	1 01			62	5 44	338	3 38			36
155	3 90			78	7 56	93	0 93			682
194	4 87	1	0 19	142	12 79	209	2 09			3,302
72	1 82	1	0 19	20	1 80	24	0 24			72
		133	25 37	32	2 84	11	0 11			24
69	1 74	71	13 31	26	2 64					
				1	0 09					
32	0 81									
460	11 54	7	0 69	228	21 84	95	0 95			821
21	0 53	1	0 19							20
58	1 46			3	0 27	25	0 25			10
8	0 20									
				23	2 07	1	0 01			95
28	0 70									
71	1 78	3	0 39	65	5 87	25	0 25			611
9,408	235 37	431	75 56	1,150	113 76	568	5 68	78	2 34	64,060
11,006	275 80	704	125 80	1,978	194 41	2,328	23 28	79	2 37	70,223
						112	1 12	36	1 37	
22	0 42	45	6 46	20	1 49	17	0 17			
						2	0 02			
		62,180	517 56					6,328	54 57	
5,277	47 28	12,251	382 35	4,107	72 70	222	2 22	15,675	156 75	3,705
										186
296	3 32	299,461	20,969 17	16,936	1,239 06	16,391	163 91	2,590	51 24	20,976
		14	0 24							14
		19	1 10							
1,284	12 84	56	5 15	533	21 22	30	0 30			5,305
		19	1 00					886	34 95	
30	0 19					223	2 23			
								250	2 50	145
		11,350	125 82			629	6 29			3,615
2,280	28 50	720	7 51	40	0 76			631	6 60	3
										1
				32	3 20					
56	4 60	95	12 73	155	37 55	368	3 68	21	1 95	3,851
						138	1 38			
		2,717	61 50					9,156	78 96	4,932
9,245	97 15	338,927	22,090 59	21,823	1,375 98	18,132	181 32	35,573	388 89	41,733

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APPENDIX

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

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Special Class.</i>		\$ cts.		\$ cts.		\$ cts.
Coal.....	49,480	9,896 00	322,680	46,195 34	84,949	8,334 16
Kryolite or chemical ore.....	1,035	51 75	417	40 04		
Iron ore.....	98,452	4,922 60			17,329	866 45
Stone (unwrought, not suitable for cutting).....	210	13 13	1,046	25 35	682	72 17
Ice.....						
Total, Special Class.....	149,177	14,883 48	324,143	46,260 73	102,960	9,272 78
Total freight and tolls.....	606,495	86,760 40	938,053	97,276 90	359,798	24,864 52
Timber and other wood, free.....			3,205	380 23		
Wheat, corn, flour, iron, salt, coal, &c., free.....	13,714	2,057 10	267,038	25,353 39		
Grand totals (passengers and tonnage of vessels not included).....	620,209	88,817 50	1,208,296	123,010 52	359,798	24,864 52

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

SESSIONAL PAPER No. 20

A—Continued.

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.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
2,189	41 08	6	0 10	17,679	614 13	46,386	463 86			510,393
152	2 85			38	1 90	30	0 30			11,852
										1,596,549
2,170	21 70			188	2 34	2,304	23 04			5,108
4,511	65 63	6	0 10	17,905	618 37	48,720	487 20			2,123,902
29,535	1,049 20	400,401	25,627 19	56,226	4,114 44	88,257	3,299 12	36,532	1,063 24	2,820,394
		45,461	434 19							
				150						
29,535	1,049 20	445,862	26,061 38	56,376	4,114 44	88,257	3,299 12	36,532	1,063 24	2,820,394

RICHARD DEVLIN,
Compiler of Canal Statistics.

2-3 EDWARD VII., A. 1903

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.
		\$ cts.		\$ cts.		\$ cts.
Vessels of all kinds.....	805,580	12,651 87	2,035,322	17,294 59	295,835	3,152 46
Passengers.....	No. 12,117	148 30	No. 85,246	4,436 69	No. 3,587	63 89
<i>Forest—Produce of Wood.</i>						
	Tons.		Tons.		Tons.	
Bark.....					13	1
Boat knees.....						
Floats.....			860	15 06		
".....Free.						
Firewood.....	6,176	315 68	9,648	208 62	160,044	5,333 53
Hoops and hop poles.....			35	2 25		
Lumber, sawed.....	60,018	10,740 94	26,745	908 21	30,575	1,768 21
".....Free.			2,635			
Masts, spars, &c.....			22,948	573 70		
Railway ties.....	709	56 00	188	7 49	4,587	366 35
".....Free.						
Saw logs.....	2,268	103 58				
".....Free.						
Staves, all kinds.....	1,768	31 12				
Shingles.....	54	15 60	97	16 49		
Split posts and rails.....					2	0 27
Timber, square.....	14,545	2,178 72	5,613	135 42	1,447	72 84
".....Free.			504			
Traverses.....			60	0 75		
Total.....	85,538	13,441 64	99,333	1,867 99	196,668	7,542 23
<i>Farm Stock.</i>						
Cattle.....	1	0 15	423	30 60	156	5 42
Hogs.....			32	2 07		
Horses.....	4	0 21	788	46 73	44	1 60
Sheep.....			95	7 05	75	2 69
Total.....	5	0 36	1,338	86 45	275	9 71
<i>Produce of Animals.</i>						
Bones.....			16	1 44		
Horns and hoofs, hides and skins (raw).....			50	4 29		
Lard and lard oil.....	2,507	501 40	437	55 62		
".....Free.			1,155			
Meats other than pork.....	121	24 20	11	1 32		
Pork.....Free.			114			
".....Free.	1,015	202 95	615	43 64		
".....Free.			34			
Tallow.....	666	105 85	82	12 30		
Wool.....	8	1 35				
Agricultural products not enumerated (animal).....			2,956	286 99		
Total.....	4,317	835 75	5,470	405 60		

SESSIONAL PAPER No. 20

A—Continued.

the Season of Navigation ended December 31, 1901, 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.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	Free.
223,332	284 63	257,558	2,542 18	164,249	1,401 48	120,750	2,416 55	100,165	505 36	2,820,394
No. 19,120	235 71	No. 10,822	152 71	No. 6,199	161 15	No.		No. 23,306	155 16	30,031
Tons.		Tons.		Tons.		Tons.		Tons.		
						112	1 12	36	1 37	
						2	0 02			
		62,180	517 66					6,328	54 57	
		27,140								
5,277	47 28	12,251	382 35	4,107	72 70	222	2 22	15,675	156 75	3,891
		19	1 10							
296	3 32	299,475	20,969 41	16,936	1,239 06	16,391	163 91	2,590	51 24	20,990
30	0 19					223	2 23	250	2 50	145
1,284	12 84	75	6 15	533	21 22	30	0 30	886	34 95	5,305
		19								
		2,717	61 50					9,156	78 96	3,932
		1,182								
56	4 60	95	12 73	155	37 55	368	3 68	21	1 95	3,851
						138	1 38			
2,280	28 50	12,070	133 33	40	0 76	629	6 29	631	6 60	3,618
		17,120								
9,223	96 73	434,343	22,084 13	21,771	1,371 29	18,115	181 15	35,573	388 89	41,732
10	0 15	492	40 94	2	0 12	11	0 11	14	0 14	286
		130	10 57					162	1 62	
6	0 12	149	6 78							211
		367	32 24			8	0 08	12	0 12	
16	0 27	1,138	90 53	2	0 12	19	0 19	188	1 88	497
		10	0 71	14	0 62	4	0 04			
		4	0 28	7	0 18	1	0 01	2	0 02	
96	1 86	2	0 20	72	1 92	2	0 02			
2	0 04	34	2 03	3	0 09	21	0 21			
		9	0 74	48	1 33	33	0 33			
		29	2 85	2	0 05					
5	0 12									1,215
42	0 80	2,351	209 16	1,253	35 30	4	0 04	8	0 24	
145	2 82	2,439	215 97	1,399	39 49	65	0 65	10	0 26	1,215

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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.
<i>Agricultural Products.</i>						
		\$ cts.		\$ cts.		\$ cts.
Agricultural products not enumerated (vegetable).....	10	2 00	2,185	257 93		
" " " Free.....	1					
Apples.....	5	0 13	703	104 28	480	33 03
Barley.....	7,119	711 90	18,051	1,511 86	21	0 80
Buckwheat.....			872	30 83		
Cotton, raw.....						
Corn.....	67,756	6,775 60	88,885	2,401 18		
" " " Free.....			19,899			
Flax and hemp.....			11	0 10		
Flour.....	18,978	3,516 79	12,491	972 41	494	16 75
" " " Free.....	16		1,400			
Hay, pressed.....	246	49 20	4,208	195 15	27,295	1,894 79
" " " Free.....			246			
Meals, all kinds.....	14,019	2,803 48	937	52 95		
" " " Free.....			35			
Manilla.....	557	83 55	11	2 10		
Oats.....	28,485	2,868 99	25,525	1,132 08	2,148	71 82
" " " Free.....			1,584			
Pease.....			6,811	626 77	13	0 44
Potatoes.....			13	0 94	18	0 61
Rye.....	2,961	296 10	10,828	672 87		
" " " Free.....			2,961			
Seeds, flax, clover and grass.....	4,978	496 91	21,734	669 02	19	0 65
" " " Free.....	302		4,965			
Tobacco, raw.....	23	4 60	6	0 60		
" " " Free.....			23			
Wheat.....	151,586	15,197 69	226,862	7,033 55		
" " " Free.....			132,702			
Total.....	297,042	32,806 94	583,938	15,664 62	30,488	2,018 89
<i>Manufactures.</i>						
Ashes, pot and pearl.....	3	0 60	69	13 80		
" " " Free.....			3			
Agricultural implements.....	1,785	357 00	94	11 10	46	1 58
" " " Free.....			1,785			
Barrels, empty.....	316	59 57	522	45 19	23	2 60
" " " Free.....			66			
Bricks.....	78	1 48	9,135	457 62	299	22 57
" " " Free.....	196					
Cement and water lime.....	389	44 85	9,450	916 38	6,036	637 89
" " " Free.....	2,916					
Crockery and earthenware.....	1	0 15	177	30 75	37	3 70
Furniture.....	21	3 40	2,006	366 42		
" " " Free.....			5			
Glass of all kinds.....	62	582	1,377	265 03	3	0 30
" " " Free.....	612		1			
Iron, railway.....	83	12 45	2,749	344 23		
" " " Free.....	748					
" pig.....	3,809	660 85	624	49 59	170	17 00
" all other.....	2,285	428 22	17,508	1,591 10	745	72 29
" " " Free.....	4,950		1,178			
Molasses.....	305	46 60	499	61 56	115	3 92
" " " Free.....	1					
Nails.....	27	1 70	1,760	283 32	6	0 21
" " " Free.....	675					
Oil.....	18,337	3,649 55	1,718	270 76	152	10 89
" " " Free.....	83		14,987			
Oil cake.....	1,415	283	1,395	68 00		
" " " Free.....			1,083			
Paint.....	144	21 97	622	88 71	1	0 10
" " " Free.....	69		17			

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

Murray Canal.		Ottawa Canals		Murray 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.	Free.
356	6 77	13	1 22			98	0 98			1
330	6 29	110	6 43	16	0 45	83	0 83			246
688	12 92			56	1 31	5	0 05			1,759
3	0 06	40	3 84			1	0 01	22	0 22	
				64	1 56					29,188
5	0 10	56	5 55	442	11 19	1,527	15 27			137,407
		2,761	224 49	336	8 93	1,739	17 39			1,692
13	0 26	2	0 12	160	3 92	681	6 81			
19	0 36	2	0 38	1	0 09	26	0 26			175
		1,132	77 47	458	13 40	2,518	25 18			12,693
376	7 09	27	2 15	11	0 26			3	0 03	
		148	9 54			4,230	42 30			
868	16 32	6	0 59							3,37
50	0 98			1	0 03					18,173
				8	0 22	1	0 01			
914	17 18			465	10 86			544	7 94	289,186
3,622	68 33	4,297	331 78	2,018	52 22	10,909	109 09	569	8 19	493,894
		3	0 57	2	0 36					
1	0 03	4	0 76	70	10 03	9	0 09			
22	0 42	45	6 46	20	1 49	17	0 17			
34	0 65	1	0 96	397	12 09	4,218	42 18	113	1 13	4,422
22	0 42	452	18 59	611	15 55	786	7 86			2,333
68	1 72			5	0 45	14	0 14			145
211	5 55	33	5 82	26	2 59	27	0 27	1	0 03	56
105	2 64	11	2 09	44	3 92	5	0 05			114
136	2 62	10	0 98	6	0 15					16,240
6	0 12			2	0 05	51	51			28,075
427	8 09	25	2 03	375	9 77					5,959
40	1 01			62	5 44	130	1 30			
						338	3 38			36
155	3 90			78	7 56	93	0 93			682
194	4 87	1	0 19	142	12 79	209	2 09			3,302
				1	0 03	7	0 07			3,864
72	1 82	1	0 19	20	1 80	24	0 24			72

2-3 EDWARD VII., A. 1903

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.
Pitch and tar.	21	4 00	642	65 85	2,301	230 10
" " Free.	27					
Rosin	25	3 75	1,333	68 12	2,057	237 24
Soda ash.	120	17 42	344	66 55		
" " Free.	169		4			
Spirits, whiskey, &c.	108	17 07	689	109 04		
" " Free.	131		32			
Steel.	68	10 20	804	83 14		
" " Free.	3					
Sugar.	5,002	772 41	4,708	835 32	569	51 88
" " Free.	810		112			
Tin.	26	3 90	1,311	261 05		
" " Free.	338					
Turpentine.			162	8 69	137	13 70
" " Free.	1					
White lead.			108	18 19		
" " Free.	11					
Whiting.			282	55 76		
" " Free.	49					
Woodenware.	124	49 60	101	27 30		
Total	46,343	6,456 16	79,462	6,462 57	12,697	1,305 94
<i>Merchandise.</i>						
Brimstone, crude.			85	12 38	168	16 80
" " Free.	5					
Clay, lime and sand.	475	58 39	36,574	1,549 07	8,715	853 38
" " Free.	2					
Coal.	49,480	9,896 00	322,680	46,195 34	84,949	8,334 16
" " Free.			80,243			
Dye woods and dye stuffs.			78	6 30	36	3 60
Fish.	521	78 15	77	6 85		
" " Free.	8					
Gypsum.			1,390	18 33		
Ores, all kinds.	99,487	4,974 35	417	40 04	17,329	866 45
Marble.	1,360	204 00	5	0 81		
Rags.	47	0 90	239	47 59		
Salt.	327	64 14	3,274	375 49	550	40 78
" " Free.	75		50			
Stone, all kinds.	210	13 13	3,692	140 99	702	73 51
All other goods and merchandise (not enumerated).....	33,451	5,130 40	17,531	2,665 20	7,221	582 72
" " Free.	1,516		2,420			
Total	186,964	20,419 46	468,755	51,058 39	119,670	10,771 40
Grand totals (passengers and tonnage of vessels not included).....	620,209	86,700 48	1,208,296	97,296 90	359,798	24,864 52

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

SESSIONAL PAPER No. 20

A—Concluded.

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.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	Free.
		133	25 37	32	2 84	11	0 11			24
				1	0 09					
32	0 81									
71	1 73	3	0 39	65	5 87	25	0 25			611
48	0 93			16	0 42					3,107
460	11 54	7	0 69	228	21 84	95	0 95			821
58	1 56			3	0 27	25	0 25			10
8	0 20									
				23	2 07	1	0 01			95
28	0 70									
				32	3 20					1
2,198	51 28	729	64 09	2,261	120 67	6,085	60 85	114	1 16	69,969
8	0 16									
61	1 17	2,380	54 65	8,458	202 01	411	4 11			16,829
2,189	41 08	6	0 10	17,679	614 13	46,386	463 86			510,393
5	0 13	3	0 29	150						
4	0 08	4	0 24	45	1 09	1,642	16 42			1,268
7	0 14									
152	2 85			38	1 90	30	0 30			1,608,401
						858	8 58			
69	1 74	71	13 31	26	2 64					
237	4 48	20	1 36	1,186	30 03	757	7 57			7,008
2,191	22 23	1	0 19	193	2 46	2,412	24 12			5,128
9,408	235 37	431	75 56	1,150	113 76	568	5 68	78	2 34	64,060
14,331	309 43	2,916	145 70	28,925	968 02	53,064	530 64	78	2 34	2,213,087
29,535	1,049 20	445,862	25,627 19	56,376	4,114 44	88,257	3,299 12	36,532	1,063 24	2,820,394

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, 1901.

Canals and Offices.	January	Feb'y.	April.	May.	June.	July.	August.	September	October.	November	December.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
WELLAND CANAL.												
Chippawa					15 50	2 00	3 14	10 82		1 50		32 96
Colborne			503 40	7,023 80	8,858 28	10,406 31	9,484 23	8,070 33	10,058 92	7,980 59	1,747 52	64,133 38
Dalhousie			1,760 20	2,312 91	2,816 70	2,770 07	3,320 54	2,645 35	3,209 39	3,053 21	81 34	21,969 71
Dunnville			75	31 24	88 11	18 83	42 83	49 86	106 42	57 80	2 62	398 46
St. Catharines			2 47	44 00	22 68	42 81	20 41	25 97	34 04	33 59		225 97
Total Welland Canal			2,266 82	9,411 95	11,801 27	13,240 02	12,871 15	10,802 33	13,408 77	11,126 69	1,831 48	86,760 48
ST. LAWRENCE CANALS.												
Beauharnois				28 68	39 14	35 55	34 23	37 34	55 41	34 37		264 72
Cardinal				80 98	132 73	169 95	179 33	198 00	110 52	179 09		1,050 60
Cornwall				6,378 65	6,749 90	7,104 65	7,949 25	5,945 90	5,511 93	2,217 58		41,857 86
Kingston			358 76	4,064 94	2,855 66	3,318 18	1,809 12	1,020 45	1,673 43	1,042 36		16,142 90
Lachine				319 92	441 72	661 36	717 48	482 68	415 03	197 97		3,236 16
Montreal				4,037 36	3,676 10	4,166 92	4,873 80	3,124 68	2,719 61	1,921 69	1 00	24,521 16
Soulanges				1,464 03	2,072 13	1,774 72	1,356 43	1,115 61	1,213 65	1,206 93		10,203 50
Total St. Lawrence Canals			358 76	16,374 56	15,967 38	17,231 33	16,919 64	11,924 66	11,699 58	6,799 99	1 00	97,276 90
CHAMBLY CANAL.												
Chambly				906 74	1,720 49	1,959 85	1,702 30	1,344 67	1,804 36	1,521 05		10,959 46
St. John's				2,556 86	1,820 21	2,983 32	2,295 97	1,261 58	1,922 80	547 25		13,387 99
St. Ours			5 95	42 12	92 22	74 08	61 75	99 17	94 77	47 01		517 07
Total Chambly Canal			5 95	3,505 72	3,632 92	5,017 25	4,060 02	2,705 42	3,821 93	2,115 31		24,864 52
OTTAWA CANALS.												
Ottawa			90 00	4,114 09	4,112 99	2,380 37	2,638 25	1,535 25	2,541 88	1,546 45		18,959 28
Carillon				1 44	5 11	7 51	-10 97	2 26	7 79	6 98		42 06
Grenville			33 97	445 53	727 27	876 22	900 36	1,322 46	485 79	659 37		5,450 97
Ste. Anne's			1 75	129 51	230 10	229 05	212 34	139 81	108 68	123 64		1,174 88
Total Ottawa Canals			125 72	4,690 57	5,075 47	3,493 15	3,761 92	2,999 78	3,144 14	2,336 44		25,627 19

RIDEAU CANAL.												
Kingston Mills.....			90 55	98 42	217 88	257 06	191 00	81 33	48 36	.....	984 60
Ottawa.....		2 75	172 24	269 59	365 20	644 51	338 20	315 69	261 99	.....	2,370 17
Smith's Falls.....			75 79	88 65	148 77	198 27	125 25	72 32	50 62	.....	759 67
Total Rideau Canal.....		2 75	338 58	456 66	731 85	1,099 84	654 45	469 34	360 97	.....	4,114 44
ST. PETER'S CANAL.												
St. Peter's.....	7 40	69 08	355 89	376 11	449 37	569 25	485 55	437 84	322 97	225 66	3,299 12	
TRENT VALLEY CANALS.												
Bobcaygeon.....		25		56 66	96 43	79 60	72 21	84 49	45 55	.....	435 19
Buckhorn.....			50	7 40	24 63	23 43	10 45	20 90	8 55	.....	95 86
Burleigh.....			1 75	15 87	19 21	17 59	9 50	11 21	20 90	.....	96 03
Fenelon Falls.....			6 25	10 60	34 25	27 00	6 00	8 00	3 85	.....	95 95
Hastings.....				3 60	7 10	2 00	5 00	1 50	.....	.....	19 20
Peterborough.....		1 20	17 47	44 30	62 36	95 90	50 64	33 35	15 79	.....	321 01
Total Trent Valley Canals.....		25	1 20	25 97	138 43	243 98	245 52	153 80	159 45	94 64	1,063 24	
MURRAY CANAL.												
Brighton.....			9 33	109 08	164 17	189 37	207 95	173 12	138 48	57 70	1,049 20	
Grand total.....	7 40	25	2,839 61	34,812 32	37,612 41	40,596 32	39,735 29	29,899 11	33,279 53	23,214 71	2,058 14	244,055 09

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, September 2, 1902.

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.		
\$ cts													
WELLAND CANAL.													
Canadian vessels, steam.....	734	83,575	94,020	63,227	2,640	580	.....	1,269	40,361	148,651	137,021	285,672	3,662 72
" sail.....	367	35,224	41,462	27,177	3,400	.....	308	9	20,345	62,410	65,515	127,925	2,782 87
Total Canadian.....	1,101	118,799	135,482	90,404	6,040	580	308	1,278	60,706	211,061	202,536	413,597	6,445 59
United States vessels, steam.....	343	20	18	9,753	614	155,433	161,159	7	20,820	165,213	182,608	347,821	5,223 47
" sail.....	103	315	240	6,271	501	14,677	13,993	240	7,925	21,503	22,659	44,162	982 81
Total United States.....	446	335	255	16,024	1,115	170,110	175,152	247	28,745	186,716	205,267	391,983	6,206 28
Grand Total, Welland Canal	1,547	119,134	135,737	106,438	7,155	170,690	175,460	1,525	89,451	397,777	407,803	805,580	12,651 87
ST. LAWRENCE CANALS.													
Canadian vessels, steam.....	3,170	370,418	301,939	30,379	508	.....	.....	389	36,636	401,186	339,083	740,269	4,935 75
" sail.....	4,525	569,082	443,322	35,400	53	.....	.....	73	70,936	604,555	514,311	1,118,866	10,787 35
Total Canadian.....	7,695	939,500	745,261	65,779	561	.....	.....	462	107,572	1,005,741	853,394	1,859,135	15,723 10
United States vessels, steam.....	876	582	293	14,200	86	20,752	22,830	1,612	24,181	37,146	47,390	84,536	503 13
" sail.....	454	702	6,808	33,861	.....	3,189	769	13,478	32,844	51,230	40,421	91,651	1,068 36
Total United States.....	1,330	1,284	7,101	48,061	86	23,941	23,599	15,090	57,025	88,376	87,811	176,187	1,571 49
Grand Total, St. Lawrence Canals... .	9,025	940,784	752,362	113,840	647	23,941	23,599	15,552	164,597	1,094,117	941,205	2,035,322	17,294 59
CHAMBLY CANAL													
Canadian vessels, steam.....	295	33,779	32,628	.....	.....	.....	.....	.....	63	33,779	32,691	66,470	218 20
" sail.....	421	6,898	7,688	3,807	.....	.....	.....	.....	6,508	10,705	14,196	24,901	310 55
Total Canadian.....	716	40,677	40,316	3,807	.....	.....	.....	.....	6,571	44,484	46,887	91,371	528 75

United States vessels, steam	26			72				1,002	72	1,002	1,074	15 22
" sail	2,035	188	2,714	98,326	1,049		300	110,812	98,814	114,575	213,389	2,608 49
Total United States	2,061	188	2,714	98,398	1,049		300	111,814	98,886	115,577	214,463	2,623 71
Grand Total, Chambly Canal	2,777	40,865	43,030	102,205	1,049		300	118,385	143,370	162,464	305,834	3,152 46
OTTAWA CANALS.												
Canadian vessels, steam	724	38,772	87,437		628				38,772	88,065	126,837	629 54
" sail	938	6,447	105,882		2,815				6,447	108,697	115,144	1,554 86
Total Canadian	1,662	45,219	193,319		3,443				45,219	196,762	241,981	2,184 40
United States vessels, steam												
" sail	159	2,837	279					12,461	2,837	12,740	15,577	357 78
Total United States	159	2,837	279					12,461	2,837	12,740	15,577	357 78
Grand Total, Ottawa Canals	1,821	48,056	193,598		3,443			12,461	48,056	209,502	257,558	2,542 18
RIDEAU CANAL.												
Canadian vessels, steam	1,586	57,927	57,911	3,602				5,327	61,529	63,238	124,767	821 26
" sail	741	12,306	12,562	3,676				3,785	15,982	16,347	32,329	454 36
Total Canadian	2,327	79,233	70,473	7,278				9,112	77,511	79,585	157,096	1,275 62
United States vessels, steam	49	74	91	331				381	405	472	877	12 25
" sail	138	1,791	2,333	339	1,628			185	2,130	4,146	6,276	113 61
Total United States	187	1,865	2,424	670	1,628			566	2,535	4,618	7,153	125 86
Grand Total, Rideau Canal	2,514	72,098	72,897	7,948	1,628			9,678	80,046	84,203	164,249	1,401 48
ST. PETER'S CANAL.												
Canadian vessels, steam	288	23,342	18,635						23,342	18,635	41,977	839 75
" sail	1,450	37,610	40,230						37,610	40,230	77,840	1,558 14
Total Canadian	1,738	60,952	58,865						60,952	58,865	119,817	2,397 89
United States vessels, steam	4	278	124						278	124	402	8 04
" sail	3	140	391						140	391	531	10 62
Total United States	7	418	515						418	515	933	18 66
Grand Total, St. Peter's Canal	1,745	61,370	59,380						61,370	59,380	120,750	2,416 55

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

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
TRENT VALLEY CANALS.													\$	cts.
Canadian vessels, steam.....	1,435	32,568	32,760							32,568	32,760	65,328	375 51	
" sail.....	576	17,245	17,592							17,245	17,592	34,837	129 85	
Total Canadian.....	2,011	49,813	50,352							49,813	50,352	100,165	505 36	
United States vessels, steam.....														
" sail.....														
Total United States.....														
Grand Total, Trent Valley Canals....	2,011	49,813	50,352							49,813	50,352	100,165	505 36	
MURRAY CANAL.														
Canadian vessels, steam.....	601	63,446	62,147	42,069	164			82	41,656	105,597	103,967	209,564	230 69	
" sail.....	213	4,053	4,627	2,553				100	1,054	6,706	5,681	12,387	45 18	
Total Canadian.....	814	68,499	66,774	44,622	164			182	42,710	112,303	109,648	221,951	275 87	
United States vessels, steam.....	18	156	114	344	42	39	46	98	205	637	407	1,044	4 26	
" sail.....	18	41	33	102					161	143	194	337	4 50	
Total United States.....	36	197	147	446	42	39	46	98	366	780	601	1,381	8 76	
Grand Total, Murray Canal.....	850	67,696	66,921	45,068	206	39	46	280	43,076	113,083	110,249	223,332	284 63	
SAULT STE. MARIE CANAL.														
Canadian vessels, steam.....	2,311	182,548	192,736	59,342	48,644	2,720	2,600	67,439	78,157	312,049	322,137	634,186		
" sail.....	485	40,712	33,643	7,775	23,689			27,971	7,175	76,458	64,507	140,965		
Total Canadian.....	2,796	223,260	226,379	67,117	72,333	2,720	2,600	95,410	85,332	388,507	386,644	775,151		

United States vessels, steam.....	1,125	1,910	2,246	13,100	17,774	650,293	703,781	21,720	12,979	687,023	736,780	1,423,803	.....
" sail.....	283	2,553	3,025	470	6,430	78,081	142,129	17,440	666	98,544	152,250	250,794	.....
Total United States.....	1,408	4,463	5,271	13,570	24,204	728,374	845,910	39,160	13,645	785,567	889,030	1,674,597	.....
Grand Total, Sault Ste. Marie Canal.	4,204	227,723	231,650	80,687	96,537	731,094	848,510	134,570	98,977	1,174,074	1,275,674	2,449,748	.....

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

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	1,101	118,799	135,482	90,404	6,040	580	308	1,278	60,706	211,061	202,536	413,597	6,445 59
St. Lawrence ..	7,695	939,500	745,261	65,779	561			462	107,572	1,005,741	853,394	1,859,135	15,723 19
Chambly.....	716	40,677	40,316	3,807					6,571	44,484	46,887	91,371	528 75
Ottawa.....	1,662	45,219	193,319		3,443					45,219	196,762	241,981	2,184 40
Rideau.....	2,327	70,233	70,473	7,278					9,112	77,511	79,585	157,096	1,275 62
St. Peter's....	1,738	60,952	58,865							60,952	58,865	119,817	2,397 89
Trent Valley ..	2,011	49,813	50,352							49,813	50,352	100,165	505 36
Murray	814	67,499	66,774	44,622	164			182	42,710	112,303	109,648	221,951	275 87
Sault Ste. Marie ..	2,796	223,260	226,379	67,117	72,333	2,720	2,600	95,410	85,332	388,507	386,644	775,151	No Tolls.
Total Canadian..	20,860	1,615,952	1,587,221	279,007	82,541	3,300	2,908	97,332	312,003	1,995,591	1,984,673	3,980,264	29,396 58
UNITED STATES VESSELS.													
Welland	446	335	255	16,024	1,115	170,110	175,152	247	28,745	186,716	205,267	391,983	6,206 28
St. Lawrence	1,330	1,284	7,101	48,061	86	23,941	23,599	15,090	57,025	88,376	87,811	176,187	1,571 49
Chambly.....	2,061	188	2,714	98,398	1,049			300	111,814	98,886	115,577	214,463	2,623 71
Ottawa.....	159	2,837	279						12,461	2,837	12,740	15,577	357 78
Rideau.....	187	1,865	2,424	670	1,628				566	2,535	4,618	7,153	125 48
St. Peter's....	7	418	515							418	515	933	18 66
Trent Valley ..													
Murray	36	197	147	446	42	39	46	98	366	780	601	1,381	8 76
Sault Ste. Marie...	1,408	4,463	5,271	13,570	24,204	728,374	845,910	39,160	13,645	785,567	889,030	1,674,597	No Tolls.
Total United States	5,634	11,587	18,706	177,169	23,124	922,464	1,044,707	54,895	224,622	1,166,115	1,316,159	2,482,274	10,912 16
Grand total Canadian and United States.....	26,494	1,627,539	1,605,927	456,176	110,665	925,764	1,047,615	152,227	536,525	3,161,706	3,300,832	6,462,538	40,248 71

APPENDIX A—Continued.

No. (A) 18.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation 1900 and 1901, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
1900.												\$	cts.
Welland	8,633	146,034	10,037	4,344	99,560	218,969	231,783	118,239	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	226,336	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
1901.													
Welland	14,691	184,973	8,113	15,720	83,543	190,476	58	122,635	106,405	513,804	620,209	86,769	48
St. Lawrence	175,915	723,713	7,060		393	3,122	12,717	285,376	196,985	1,012,211	1,208,296	97,276	90
Chambly	5,444	7,115	219,894	1,245				126,100	225,338	134,460	359,798	24,864	52
Ottawa	935	406,988		37,939					935	444,927	445,862	25,627	19
Rideau	18,512	8,701	8,594	3,936				16,633	27,106	29,270	56,376	4,114	44
St. Peter's	35,576	52,681							35,576	52,681	88,257	3,299	12
Trent Valley	26,150	10,382							26,150	10,382	36,532	1,063	24
Murray	8,627	12,814	6,248				490	1,356	15,365	14,170	29,535	1,049	20
Sault Ste. Marie	54,955	278,727	18,540	142,391	423,268	1,608,098	164,450	129,965	661,213	2,159,181	2,820,394	No Tolls.	
Grand Total	340,805	1,686,094	268,449	201,231	507,204	1,801,696	177,715	682,065	1,294,173	4,371,086	5,665,259	244,055	09

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

RICHARD DEVLIN,
Compiler of Canal Statistics.

2-3 EDWARD VII., A. 1903

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 1901.

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	6	48	23	184	13	104	3	24
10	3	30	9	90	4	40	1	10
15	5	75	2	30	2	30	1	15
20	1	20	9	180	7	140		
25	3	75	1	25	1	25		
30	5	150	2	60	3	90		
35	1	35			2	70		
40			3	120	1	40	1	40
45	1	45	3	135	1	45		
50			6	300				
55					1	55		
60			1	60			1	60
70	1	70	1	70				
75			2	150	1	75		
80							1	80
85	1	85	1	85				
95			1	95				
100	1	100	2	200			1	100
110	4	440	1	110	1	110	1	110
130	1	130			2	260	1	130
135	1	135						
140					1	140		
150			1	150				
155	1	155						
160			1	160	1	160		
165	1	165						
175					2	350		
190			1	190	1	190		
195			1	195				
220	3	660						
230	1	230					1	230
260	1	260			1	260		
265							1	265
270			1	270			1	270
280	1	280					1	280
285			1	285				
290	1	290	1	290				
295	1	295						
300					1	300		
305	1	305						
310	1	310					3	930
315			1	315			1	315
320			1	320				
330			1	330				
335			1	335				
360	2	720						
400	1	400			2	800		
405	1	405					1	405
415							1	415
435	1	435	1	435			1	435
455	1	455						
460	1	460						
485	1	485					1	485
495	1	495						
500	1	500					1	500
510							1	510
520							1	520
525							1	525
530	1	530						
540	1	540			1	540		

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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 1901.

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.
555	1	555						
560	1	560					1	560
575	2	1,150						
585							1	585
590			1	590			1	590
595					1	595		
600	1	600					2	1,200
615					1	615	1	615
640							1	640
645			1	645				
660					1	660		
665					1	665		
675			1	675				
690							1	690
719			1	719				
723					1	723		
739			1	739				
742	1	742						
771	1	771						
802			1	802				
870	1	870						
882			1	882				
908			1	908				
929	1	929						
940					1	940		
950	1	950			2	1,900		
957					1	957		
977	1	977						
989	1	989						
994	1	994					2	1,988
1,023	1	1,023						
1,029					1	1,029		
1,035	1	1,035			2	2,070		
1,041			1	1,041	1	1,041		
1,054					1	1,054		
1,078					1	1,078		
1,079					1	1,079		
1,083							1	1,083
1,118					1	1,118		
1,160							2	2,320
1,172	1	1,172						
1,203					1	1,203		
1,207					1	1,207		
1,330					3	3,990		
1,425	1	1,425			1	1,425		
1,441	2	2,882			4	5,764		
1,547					3	4,641		
1,548					1	1,548		
1,550					1	1,550		
1,553					2	3,106		
1,565					1	1, 65		
1,762					2	3,524		
Total...	77	27,837	88	12,170	86	48,871	40	16,925

2-3 EDWARD VII., A. 1903

APPENDIX A—Continued.

No. (A) 20.—STATEMENT of Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1901.

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	61	488	31	248	8	64	1	8
10	3	30	5	50	4	40		
15	11	165	5	75	3	45		
20	7	140	5	100	2	40	1	20
25	8	200	5	125	1	25		
30	13	390	5	150	1	25		
35	5	175	2	70	2	70		
40	4	160	7	280	2	80	1	40
45	4	180	2	90				
50	4	200	7	350			3	150
55	4	220	1	55				
60	5	300	7	420				
65	1	65						
70	3	210	2	140				
75	1	75	4	300				
80	1	80	6	480				
85	2	170	2	170			2	170
90	2	180	2	180			6	540
95	4	380	4	380			25	2,375
100	5	500	15	1,500			31	3,100
105	6	630	5	525			5	525
110	2	220	7	770	1	110	4	440
115	2	230	5	575	1	115	2	230
120	3	360	7	840	3	360	1	120
125			3	375				
130	3	390	5	650			1	130
135	2	270	7	945				
140			8	1,120				
145	3	435	14	2,030				
150	1	150	19	2,850				
155	2	310	30	4,650			2	310
160	1	160	8	1,280				
165	1	165	10	1,650				
170	2	340	1	170	1	170		
175			4	700				
180			5	900				
185			10	1,850	1	185	1	185
190	2	380	2	380				
195	1	190						
200	3	600					2	400
220			1	220				
225			1	225				
230			4	920				
245			1	245	1	245		
255								
260	1	260	2	520				
265			2	530				
270			1	270				
275			1	275				
280	1	280	1	280			1	280
290	1	290	1	290			2	580
300	2	600	6	1,800				
305			4	1,220				
310					1	310		
315			4	1,260			1	315

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APPENDIX A—Continued.

No. (A) 20.—STATEMENT of Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1901.

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.
320			7	2,240				
325	1	325	1	325				
330			1	330				
335	1	335	1	335			1	335
340	2	680	3	1,020	1	340	1	340
345	1	345	1	345				
350								
360	2	720	1	360				
365			2	730				
370			3	1,110				
375	1	375	1	375				
385			2	770				
415			2	830				
420			2	840				
435			4	1,740			1	435
440			4	1,760			2	880
475							1	475
485	1	485	5	2,425				
500	3	1,500	2	1,000				
508	1	508						
516			1	516				
518			1	518				
541	1	541	5	2,705				
567			1	567				
570	3	210						
578			1	578				
586	1	586	1	586				
590			1	590				
593	1	593						
599	1	599						
607			2	1,214				
614			1	614				
636	1	636					1	636
680			2	1,360				
691							1	691
725	1	725						
870	1	870						
920	1	920						
955	1	955	1	955				
1,041			1	1,041				
1,075					1	1,075		
1,083			1	1,083				
1,167			1	1,167				
1,182	1	1,182						
1,222					1	1,222		
1,237					1	1,237		
1,284					1	1,284		
1,311					1	1,311		
1,323					1	1,323		
1,496					4	5,984		
1,565					1	1,565		
1,762					1	1,762		
Total.....	213	23,658	358	65,507	45	18,987	100	13,710

2-3 EDWARD VII., A. 1903

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 1901.

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	19	152	28	224	7	56	2	16
10	6	60	2	20	1	10		
15	7	105	4	60	1	15		
20	5	100			2	40		
25	2	50			1	25		
30			1	30				
35			1	35				
40	3	120	3	120			1	40
45			1	45				
50	1	50	3	150			1	50
55	4	220	2	110				
60			5	300				
65					1	65		
70								
75			1	75				
80			2	160				
85			1	85			10	850
90			5	450			18	1,620
95							130	12,350
100	3	300	3	300			195	19,500
105	3	315	3	315			43	4,515
110			1	110			38	4,180
115							20	2,300
120			3	360			7	840
125	2	250	3	375			3	375
130	1	130					4	520
135			5	675			1	135
140	1	140	4	560				
145	3	435	9	1,305			1	145
150	1	150	8	1,200				
155	2	310	27	4,185				
160			9	1,440				
165	1	165	9	1,485				
170			3	510				
175	1	175	4	700				
180			3	540				
185			2	370				
190								
195			1	195				
228	1	228	1	228				
258			1	258				
262	1	262						
298	1	298						
312	1	312						
324	1	324						
374	1	374						
397	1	397						
Total.....	72	5,422	158	16,975	13	211	474	47,436

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
 OTTAWA, Sept. 2, 1902.

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 of 1901.
WELLAND CANAL.

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CANAL STATISTICS

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...	37	25,189	1	250 to 1,041 tons...	17 9,581	1	250 to 1,762 tons..	42	46,947	1	250 to 1,160 tons..	28	16,126
2	200 " 249 " ..	4	890	2	200 " 249 " ..	.....	2	200 " 249 " ..	.....	.....	2	200 " 249 " ..	1	230
3	150 " 199 " ..	2	320	3	150 " 199 " ..	4 695	3	150 " 199 " ..	4	700	3	150 " 199 " ..	.....	.....
4	100 " 149 " ..	7	805	4	100 " 149 " ..	3 310	4	100 " 149 " ..	4	510	4	100 " 149 " ..	3	340
5	50 " 99 " ..	2	155	5	50 " 99 " ..	12 760	5	50 " 99 " ..	2	130	5	50 " 99 " ..	2	140
6	Under 50 " ..	25	478	6	Under 50 " ..	52 824	6	Under 50 " ..	34	584	6	Under 50 " ..	6	89
Total.....		77	27,837	Total.....		88 12,170	Total.....		86	48,871	Total.....		40	16,925

ST. LAWRENCE CANALS.

1	250 to 1,182 tons...	31	14,520	1	250 to 1,167 tons...	84 36,474	1	250 to 1,762 tons..	14	17,413	1	250 to 691 tons...	12	4,967
2	200 " 249 " ..	3	600	2	200 " 249 " ..	7 1,610	2	200 " 249 " ..	1	245	2	200 " 249 " ..	2	400
3	150 " 199 " ..	10	1,695	3	150 " 199 " ..	89 14,430	3	150 " 199 " ..	2	355	3	150 " 199 " ..	3	495
4	100 " 149 " ..	26	3,035	4	100 " 149 " ..	76 9,130	4	100 " 149 " ..	5	585	4	100 " 149 " ..	44	4,545
5	50 " 99 " ..	27	1,880	5	50 " 99 " ..	35 2,475	5	50 " 99 " ..	.....	.....	5	50 " 99 " ..	36	3,235
6	Under 50 " ..	116	1,928	6	Under 50 " ..	67 1,188	6	Under 50 " ..	23	389	6	Under 50 " ..	3	68
Total.....		213	23,658	Total.....		358 65,507	Total.....		45	18,987	Total.....		100	13,710

RIDEAU, OTTAWA AND CHAMBLY CANALS.

1	250 to 397 tons...	6	1,967	1	250 to — tons..	1 258	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	100 " 199 " ..	5	800	3	150 " 199 " ..	66 10,625	3	150 " 199 " ..	.....	.....	3	150 " 199 " ..	.....	.....
4	100 " 149 " ..	13	1,570	4	100 " 149 " ..	31 4,000	4	100 " 149 " ..	.....	.....	4	100 " 149 " ..	312	32,510
5	50 " 99 " ..	5	270	5	50 " 99 " ..	19 1,330	5	50 " 99 " ..	1	65	5	50 " 99 " ..	159	14,870
6	Under 50 " ..	42	587	6	Under 50 " ..	40 534	6	Under 50 " ..	12	146	6	Under 50 " ..	3	56
Total.....		72	5,422	Total.....		158 16,975	Total.....		13	211	Total.....		474	47,436

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, September 2, 1902.

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.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	
<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 $\frac{1}{4}$	0	00 $\frac{5}{8}$	0	01 $\frac{1}{2}$	0	0 $\frac{1}{16}$	
" sail and other.....	0	02 $\frac{1}{4}$	0	02 $\frac{1}{4}$	0	03 $\frac{3}{4}$	0	01 $\frac{1}{2}$	0	01 $\frac{1}{4}$	0	02 $\frac{3}{4}$	0	01	0	02 $\frac{3}{8}$	0	0 $\frac{3}{16}$	
<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 $\frac{1}{4}$	0	09 $\frac{3}{4}$	0	11	
" under 21 years each.....	0	05	0	05	0	10	0	05	0	02	0	04	0	01 $\frac{1}{4}$	0	04 $\frac{1}{2}$	0	09 $\frac{1}{2}$	
<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 17 $\frac{1}{2}$		
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	21 $\frac{1}{2}$	

REVENUE TARIFF OF TOLLS

OF THE DOMINION OF CANADA, 1901.

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 Chargeable at Fenelon Falls.	Tolls Chargeable at Bobcaygeon.	Tolls Chargeable at Buckhorn.	Tolls Chargeable at Burleigh.	Tolls Chargeable at Fenelon Falls.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 01	0 00 ³ / ₁₆ 0 00 ¹ / ₄
01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 04 0 02	0 01 0 00 ¹ / ₂
0 01	01	01	01	0 04	0 01
0 03	0 03	0 03	0 03	0 12	0 03

2-3 EDWARD VII., A. 1903

RATES OF TOLLS

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

The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.

	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, 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.
<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 $\frac{3}{4}$
Barrels, empty, each	0 02	0 02	0 02	0 02	0 02	0 02	0 01	0 03 $\frac{3}{4}$	0 00 $\frac{3}{4}$
Boat knees, each	0 05	0 05	0 05	0 02	0 02	0 02	0 01	0 03 $\frac{3}{4}$	0 00 $\frac{3}{4}$
Floats, per 1,000 lineal feet	1 40	1 40	1 40	1 40	1 20	1 05	0 50	2 05	0 17 $\frac{3}{4}$
Firewood, per cord, in vessels	0 20	0 20	0 20	0 20	0 10	0 15	0 08	0 23	0 02 $\frac{3}{4}$
" " rafts	0 25	0 25	0 25	0 25	0 15	0 19	0 09	0 30 $\frac{1}{4}$	0 03 $\frac{3}{4}$
Hoops	0 25	0 25	0 25	0 20	0 15	0 15	0 10	0 30	0 02 $\frac{3}{4}$
Masts and spars, telegraph poles, per ton of 40 cubic feet, in vessels	0 15	0 15	0 15	0 05	0 05	0 08	0 07	0 13 $\frac{1}{4}$	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 $\frac{3}{4}$	0 01 $\frac{1}{2}$	0 01 $\frac{1}{8}$
" " rafts, each	0 02	0 02	0 02	0 01	0 01	0 02	0 01	0 02 $\frac{1}{4}$	0 00 $\frac{3}{4}$
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 $\frac{7}{8}$
Sawed stuff, boards, plank, scantling and sawed timber, per M feet, board measure, in rafts	0 60	0 60	0 60	0 30	0 20	0 19	0 09	0 36 $\frac{1}{2}$	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				
Coal	0 20	0 20	0 20	0 15	0 10	0 08	0 05	0 17 $\frac{3}{4}$	0 01 $\frac{7}{8}$
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	7½
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.	2½
Gypsum and manganese, 6 barrels	1	" " salt barrel, 1 mille.	0½
Horses, 2	1	Saw-logs, standard, 1	0½
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	½
Bales, crates, cases, &c. " per ton weight or measurement	24
Coals " per chaldron	12

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

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

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

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

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

Note.

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

(b.) The firewood shall be loaded 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 AND WELLAND CANALS.

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.

Sec. 32 (a.) The above rates shall also apply to the Welland Canal. (O.C. June 8th. 1901.

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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 1901 ONLY.

Sec. 42. For season of 1901 the Canal Tolls for the passage of the following food products:—wheat, Indian corn, pease, barley, rye, oats, flax seed and buckwheat, for through passage eastward through the Welland Canal, be ten cents per ton, and for through passage eastward through the St. Lawrence Canals only, ten cents per ton; payment of the said toll of ten cents per ton through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals, or any portion thereof. (O. C. May 3, 1901.) 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, pease, barley, rye, oats, flaxseed and buckwheat, 2½ cents per ton, and all rolling and package freight, 5 cents per ton. (O. C. May 3, 1901.)

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. May 27, 1901.)

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 tolls on sand and stone used in the construction of the bridge being built at Cornwall by the Ottawa and New York Railway was reduced from 15 and 20 cents to 7½ and 10 cents respectively. (O. C. August 27, 1898.)

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