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SUPPLEMENT No. 1

TO THE

INLAND REVENUE REPORT

FOR THE YEAR ENDED 30TH JUNE, 1883.

CANAL STATISTICS

FOR

SEASON OF NAVIGATION,

1883.



OTTAWA:

PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET,
1884.

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SUPPLEMENT NO. I

TO THE REPORT

OF THE

COMMISSIONER OF INLAND REVENUE

To the Honorable

The Minister of Inland Revenue.

SIR,—I have the honor to submit my Report on the Canal Statistics for the season of navigation of 1883.

1. The statistics of the season of 1882 are printed with the Annual Report of the Department, and comparing them with those now submitted, it will be seen that the aggregate revenue has increased, in 1883, by \$38,562.48.

The increase is as follows:—

	Increase.	Decrease.
On the Welland Canal	\$43,432 32	.....
do St. Lawrence Canals	2,414 11	.....
do Burlington Bay Canal . . . . .	.....	\$1,233 44
do Chambly Canal . . . . .	.....	3,018 18
do Rideau Canal . . . . .	.....	1,117 10
do Ottawa Canals . . . . .	.....	3,038 20
do St. Peter's Canal	1,356 28	.....
do Newcastle Dist. Canals . . . . .	.....	233 31
<hr/>		
	\$47,202 71	\$8,640 13

Showing an increase of \$38,562 48

Or slightly in excess of 11 per cent.

2. The statistical comparisons heretofore given in respect of 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.

Similar statements will be found herewith.

Transhipment of grain at Port Colborne 3. The quantity of grain transhipped at Port Colborne in 1883 and three previous years, is given below. The total number of grain-laden vessels lightened at that port in 1883 was 65, against 8 in the previous year. The number unladen without entering the canal was 5, against 1 in 1882.

The quantity of grain lightered was as follows:—

	1880. Centals.	1881. Centals.	1882. Centals.	1883. Centals.
Wheat.....	297,483	154,134	18,380	46,601
Corn	203,552	132,921	32,053	315,410
Barley.....	.....	.....	.....	.....

The quantity of grain discharged in the port from vessels which did not enter the canal, was as follows:—

	1880. Centals.	1881. Centals.	1882. Centals.	1883. Centals.
Wheat.....	178,617	113,890	13,200	69,919
Corn	422,492	179,660	.....	.....
Barley.....	.....	.....	.....	.....

Proportion of freight carried by New York Canals and competing Railways. 4. On reference to the returns made by the railways to the State authorities of New York, and to the canal statistics submitted to the State Legislature, I find that of the total tonnage of freight carried by the canals and railways, the State Canals carried:—

In 1859.....	68·9	per cent.
1869.....	47·0	do
1870.....	38·9	do
1871.....	38·9	do
1872.....	40·1	do
1873.....	34·9	do
1874.....	31·7	do
1875.....	28·4	do
1876.....	24·6	do
1877.....	28·3	do
1878.....	27·1	do
1879.....	23·7	do
1880.....	25·1	do
1881.....	18·5	do
1882.....	19·0	do
1883.....	18·7	do

The quantity of freight carried by the canals and railways was greater in 1883 by 1,474,065 tons than the quantity carried in 1882.

The proportion carried by canals shows a decrease as compared with the previous year.

The quantities carried are as follows :—

	Total Tonnage.	Proportion by Canals.
In 1859.....	5,485,076	.6890
1860.....	12,453,174	.4705
1870.....	15,118,274	.3895
1871.....	15,844,152	.3896
1872.....	16,631,609	.4012
1873.....	18,200,208	.3497
1874.....	18,283,547	.3174
1875.....	17,101,753	.2841
1876.....	16,948,627	.2462
1877.....	17,489,770	.2833
1878.....	19,017,301	.2719
1879.....	22,590,766	.2371
1880.....	25,706,586	.2512
1881.....	27,857,394	.1859
1882.....	28,693,054	.1905
1883.....	30,167,119	.1877

It does not appear from these figures that the abandonment of tolls upon the Erie Canal has revolutionized the carrying trade, nor in fact that it has materially changed its channels.

By reference to statement II as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by canal was 1,379,000 tons as against 1,118,776 in 1882, 2,371,090 in 1880, and 1,302,613 in 1869.

The quantities carried by New York Central and Erie Railways being :—

	Tons.
In 1883.....	4,422,461
1882.....	3,885,557
1880.....	4,732,385
1869.....	1,087,809

These figures show plainly that in the struggle between land and water carriage, the railways are fast out distancing the water-ways, and we may infer that should this Government accede to the petitions of the various Boards of Trade and abandon the tolls upon the Canadian canals, the result would be simply a loss of so much revenue, to be imposed elsewhere, while no material increase of traffic would necessarily accrue.

In connection with this feature a memorandum prepared by the undersigned, in January, 1883, upon the probable effect of the abolition of canal tolls, is appended (Appendix N).

Proportion of
vegetable food
carried by
New York
Canals and
competing
Railways.

5. The following figures are an abstract of the quantities for fifteen years of Vegetable Food carried to tide-water by the canals and railways of the State of New York:—

	Canals.	Railways.	Total.	Proportion by Canals.
1869	1,302,613	1,087,809	2,390,422	.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	3,618,791	.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

From which it appears that the proportion of the total volume of freight of the description mentioned, carried by railways, has increased from .455, in 1869, to .763, in 1883.

In addition to the usual statements, C to H, five further statements are submitted; the four first, I, J, K and L, having special reference to the Welland Canal; and the last, M, to the through as apart from the way traffic upon the St. Lawrence and Welland Canals.

I have the honor to be, Sir,

Your obedient servant,

E. MIALL,

Commissioner, Inland Revenue.

OTTAWA, 1st April, 1884.

C.—TABLE showing the Tonnage of the undermentioned Articles, moved on all the Canals in the State of New York during a series of Fifteen Years.

	1860. Tons.	1870. Tons.	1871. Tons.	1872. Tons.	1873. Tons.	1874. Tons.	1875. Tons.	1876. Tons.	1877. Tons.	1878. Tons.	1879. Tons.	1880. Tons.	1881. Tons.	1882. Tons.	1883. Tons.
VEGETABLE FOOD															
Flour	71,051	54,978	41,211	20,534	10,307	29,131	17,635	9,290	8,923	5,904	7,164	8,266	6,926	9,372	9,047
Wheat	670,534	658,524	748,511	403,903	803,064	773,163	744,293	416,376	418,013	814,555	949,466	966,052	144,832	642,215	573,740
Corn	256,471	193,129	672,051	902,753	637,296	510,203	282,031	365,251	723,458	734,903	621,180	1,156,619	475,823	251,687	522,978
Barley	99,012	123,191	113,991	120,061	70,586	93,651	104,475	96,494	130,453	89,534	96,144	106,247	81,587	96,650	58,787
Oats	92,301	117,941	129,891	92,859	70,023	59,408	62,717	52,147	66,045	85,029	23,164	20,893	30,321	22,180	51,607
Rye	13,485	10,520	31,563	13,357	3,160	8,215	8,309	18,919	35,918	61,613	69,210	26,340	15,484	43,372	35,246
Other Vegetable Food	99,743	127,727	100,935	120,753	114,735	280,821	86,090	104,783	77,114	88,106	77,071	86,673	61,588	53,300	67,595
Total	1,302,613	1,295,010	1,850,198	1,674,320	1,745,171	1,767,598	1,305,550	1,064,293	1,496,984	1,912,734	1,833,399	2,371,090	1,116,561	1,118,776	1,379,000
HEAVY GOODS															
Railway Iron	157,677	135,910	178,269	161,667	53,353	24,511	36,603	11,691	10,341	8,385	27,634	91,613	78,650	58,921	46,553
Other Iron	79,652	89,708	100,310	93,996	62,581	82,955	95,305	69,450	58,828	65,612	99,568	130,993	205,006	122,786	47,412
Salt	263,333	266,711	248,709	218,558	210,706	173,500	186,785	114,070	156,918	139,927	136,021	144,487	113,756	108,040	190,392
Coal	1,324,408	1,558,185	1,194,037	1,462,590	1,625,859	1,413,162	1,217,091	1,036,698	1,286,881	889,873	971,074	959,342	1,092,603	1,228,435	1,152,849
Ores	183,992	233,802	289,952	377,592	415,368	232,544	283,219	173,530	250,573	210,078	314,411	370,884	337,873	364,361	293,893
Total	1,999,062	2,269,365	2,011,277	2,317,403	2,374,477	1,926,762	1,819,003	1,405,439	1,763,541	1,313,905	1,518,708	1,709,319	1,827,287	1,882,543	1,731,098

NOTE.—In 1872 there was a change made in the rate of tolls, by which the tariff on flour, wheat, barley, rye, anthracite coal and iron ore was reduced one-half; on corn and oats, two-fifths; and on railway iron, domestic salt and bituminous coal, one-third,—and in 1883 the tolls were abolished.

D.—TABLE showing the Tonnage of the undermentioned Articles moved through the Welland Canal during a series of Thirteen Years, ended 31st December, 1883.

	Fiscal Year 1869 Tons.	1872. Tons.	1873. Tons.	1874. Tons.	1875. Tons.	1876. Tons.	1877. Tons.	1878. Tons.	1879. Tons.	1880. Tons.	1881. Tons.	1882. Tons.	1883. Tons.
VEGETABLE FOOD.													
Flour.....	45,674	26,851	30,663	24,019	13,934	15,778	13,558	9,121	10,710	12,679	9,950	12,261	13,471
Wheat.....	313,825	239,999	385,847	413,212	253,835	201,906	233,953	191,982	274,570	246,020	127,832	215,056	152,794
Corn.....	120,569	251,102	189,169	181,151	103,749	141,501	169,196	185,931	144,503	163,733	103,075	54,799	182,269
Barley	20,951	6,035	8,225	13,871	25,751	18,155	19,870	10,979	4,655	17,771	24,599	20,126	10,435
Oats.....	.....	7,752	1,191	5,954	3,383	24,496	2,810	3,088	1,239	440	1,016	1,841	611
Rye	901	61	3	513	917	1,451	2,439	.....	.....	2,444	1,480	3,226	1,642
Other articles.....	1,937	2,745	3,777	8,677	6,337	2,198	2,355	2,302	2,302	2,444	2,086	403	10,983
Total	503,860	638,147	579,880	647,397	417,936	409,788	461,181	403,403	435,564	442,182	269,395	306,482	373,316
HEAVY GOODS.													
Railway Iron	68,061	26,217	6,923	6,032	1,517	81	9,630	10	2,732	5,300	4,585	.....	1,237
Other Iron	16,921	17,141	20,751	12,063	7,189	7,907	9,696	11,518	5,797	4,812	7,013	5,318	7,922
Salt.....	91,575	50,540	40,850	23,309	13,509	30,300	9,173	3,930	7,171	413	10	50	66
Iron and Salt having paid full toll on St Lawrence Canals.....	37,153	44,247	17,159	9,579	9,962	20,327	3,983	12,686	17,793	22,273	30,683	17,317	17,037
Coal	163,126	186,932	339,016	323,503	321,306	288,211	323,869	295,318	192,957	109,986	128,113	237,559	307,058
Ores	58,781	98,605	118,685	56,825	43,083	31,854	42,758	15,229	19,164	34,133	18,785	23,700	31,785
Total	37,5623	433,678	513,387	431,316	397,565	373,540	399,109	333,741	245,670	176,983	189,188	283,924	365,105

SUPPLEMENT to Table E, showing the Shipments at Oswego during the same period.

	1869. Tons.	1870. Tons.	1871. Tons.	1872. Tons.	1873. Tons.	1874. Tons.	1875. Tons.	1876. Tons.	1877. Tons.	1878. Tons.	1879. Tons.	1880. Tons.	1881. Tons.	1882. Tons.	1883. Tons.
Flour.....	7,361	11,440	10,043	4,773	4,061	.....	1,728	967	855	1,391	731	951	758	813	432
Wheat.....	141,360	115,732	123,173	57,865	53,361	108,288	32,690	21,890	28,955	24,171	25,740	17,466	25,352	20,274	22,632
Corn.....	28,585	10,120	70,218	27,148	10,578	46,127	3,034	1,321	3,308	1,383	9,268	15,656	8,064	4,401	535
Barley.....	66,791	77,906	72,675	62,172	46,337	77,007	75,083	63,336	80,306	50,381	71,693	82,743	62,793	70,862	32,557
Oats	1,113	3,953	1,806	684	670	1,103	3,308	117	316	.....	.....	.....	200	416	.....
Rye.....	8,569	7,402	6,250	6,751	6,019	7,053	4,989	5,703	6,603	10,598	16,623	12,598	14,444	22,265	14,381
Other Articles.....	14,033	11,628	13,259	10,425	10,739	3,747	5,931	6,638	6,556	5,222	3,110	5,996	4,027	7,773	1,967
Total	267,815	238,181	297,424	169,818	131,765	243,325	126,763	99,975	126,899	93,149	127,168	135,410	115,638	126,804	72,507
Increase } p. c. as com- pared Decrease } with 1869.	.....	.....	11·05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	11·06	.....	36·59	50·80	9·14	52·67	62·67	52·61	65·21	52·51	49·43	56·82	52·65	73·00	

F.—TABLE showing the Tonnage of the undermentioned Articles cleared downwards on Welland Canal during a series of Thirteen Years, ended 31st December, 1883.

	Fiscal Year 1869	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.													
Flour	48,110	26,648	20,660	24,017	13,930	15,738	13,588	8,851	10,558	12,467	9,655	12,205	13,258
Wheat	310,090	231,056	345,720	406,157	248,555	191,559	218,891	188,106	271,545	240,601	121,393	205,876	146,741
Corn	119,541	254,534	180,042	181,128	103,477	144,501	169,185	185,931	141,276	162,890	103,075	51,797	182,143
Barley	3,910	2,693	2,613	377	813	1,110	10,216	1,217	803	.....	252	537	975
Oats .....	.....	7,594	1,188	5,053	2,383	24,496	2,810	3,088	1,196	477	.....	.....	731
Rye	680	64	3	.....	500	1,454	2,405	.....	.....	.....	6	1,051	518
Other Articles	1,541	2,300	3,537	3,301	4,304	2,949	1,833	2,100	2,387	1,418	1,371	225	10,971
Total	479,882	524,889	563,813	620,933	374,962	384,807	418,931	389,296	430,795	417,853	235,752	275,504	355,335

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 Thirteen Years, ended 31st December, 1883.

	Fiscal Year 1859. Tons.	1872. Tons.	1873. Tons.	1874. Tons.	1875. Tons.	1876. Tons.	1877. Tons.	1878. Tons.	1879. Tons.	1880. Tons.	1881. Tons.	1882. Tons.	1883. Tons.
VEGETABLE FOOD.													
Flour	30,681	10,482	10,803	8,230	1,881	5,187	3,342	1,316	159	.....	.....	107	2,041
Wheat	211,085	124,695	127,729	229,053	113,832	96,247	107,396	65,542	63,791	30,611	34,320	30,227	54,282
Corn	91,149	89,761	101,329	125,627	54,188	48,138	65,260	60,026	33,401	16,122	32,131	32,433	66,128
Barley	2,942	1,391	1,920	2,641	.....	.....	1,603	859	.....	1,551	924	537	735
Oats	7,400	1,188	5,948	2,946	1,905	2,314	277	464	296	.....	.....	.....	731
Rye	667	.....	3	.....	500	525	258	.....	.....	.....	.....	684	.....
Other Articles	1,005	608	392	5,368	1,920	403	413	311	11	.....	10	14	8,579
Total	337,530	234,337	242,366	374,226	177,903	162,405	180,586	128,381	87,826	48,580	65,285	64,002	132,496
HEAVY GOODS.													
Railway Iron	68,004	24,040	4,659	5,742	14	.....	8,976	.....	2,405	4,743	1,313	.....	1,209
Other Iron	14,334	13,239	13,826	8,941	4,123	5,531	8,638	10,713	8,643	3,515	5,570	4,076	6,901
Salt	89,086	49,843	40,507	22,888	12,931	29,395	8,336	3,892	8,318	371	.....	.....	8
Coal	28,566	95,741	170,242	203,673	192,767	167,110	172,868	150,583	118,573	65,945	83,858	158,552	196,462
Ores	33,912	59,401	61,942	19,651	34,616	25,808	41,107	12,535	17,797	18,380	6,464	14,533	24,891
Total	235,932	242,264	292,176	260,895	244,451	227,841	239,975	178,723	143,741	97,954	97,207	177,161	229,471

II.—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 Thirteen Years, ended 31st Dec., 1883.

	Fiscal Year 1869 Tons.	1872. Tons.	1873. Tons.	1874. Tons.	1875. Tons.	1876. Tons.	1877. Tons.	1878. Tons.	1879. Tons.	1880. Tons.	1881. Tons.	1882. Tons.	1883. Tons.
Total on New York Canals.	1,302,613	1,671,320	1,745,171	1,767,598	1,305,550	1,064,293	1,408,934	1,912,734	1,833,399	2,371,090	1,116,561	1,118,776	1,379,600
Total on Welland Canal...	503,860	538,147	579,880	647,397	417,936	409,768	464,181	403,403	438,564	441,182	263,395	306,482	372,326
Total on New York Central and Erie Railways.....	1,087,809	1,870,614	2,036,992	2,791,517	2,343,241	2,875,803	2,497,683	3,605,764	4,353,617	4,732,385	4,983,722	3,885,557	4,422,461
Quantity cleared at Buffalo and Tonawanda by Erie Canal.....	780,436	1,317,276	1,432,174	1,157,509	1,017,550	783,331	1,223,100	1,644,301	1,565,543	2,065,184	878,842	864,826	1,191,974
Quantity cleared at Oswego by Canal.....	267,815	169,818	131,765	243,325	126,763	99,975	116,899	93,149	127,168	135,410	115,638	126,804	72,567
Quantity cleared through the Welland Canal in transit between ports in the United States.....	337,539	231,337	213,366	374,226	177,903	163,405	180,596	123,361	87,826	49,580	65,295	64,002	132,496

I.—STATEMENT showing the Quantity of Freight passed down the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne during the Season of Navigation, in 1882.

Articles.	Canadian Vessels.				United States Vessels.		Total.			
	Steam.		Sail.		Steam.		Sail.		Steam & Sail.	
	No.	Ton'age	No.	Ton'age	No.	Ton'age	No.	Ton'age	No.	Ton'age
	174	62,665	432	121,150	41	17,482	329	97,257	976	298,554
		Tons.		Tons.		Tons.		Tons.		
Wheat	60,535	46,201		5,203		87,213		199,152		
Corn	7,431	6,075		3,468		38,360		55,334		
Rye						1,254		1,954		
Coal.....	1,673	51,127		112		27,968		80,880		
Miscellaneous merchandise	2,939	3,744		1,553		2,605		10,841		
Lumber.....	Feet B.M. 1,021,957	Feet B.M. 1,943,568		Feet B.M. 3,969,790		Feet B.M. 17,327,483		Feet B.M. 24,262,798		
Timber	Cubic Feet. 125,960	Cubic Feet. 2,874,066		Cubic Feet.		Cubic Feet 13,500		Cubic Feet. 3,013,526		
Staves.....	M. 59,690	M. 1,065,233		M.		M. 104,000		M. 1,228,833		

J.—STATEMENT showing the Quantity of Freight passed down the Welland Canal in Canadian and United States Vessels, entering the Canal at Port Colborne, during the Season of Navigation, in 1883.

Articles.	Canadian Vessels.				United States Vessels.				Total.	
	Steam.		Sail.		Steam.		Sail.		Steam & Sail.	
	No.	Ton'age	No.	Ton'age	No.	Ton'age	No.	Ton'age	No.	Ton'age
180	68,850	463	130,844	111	68,609	417	127,616	1176	395,919	
		Tons.		Tons.		Tons.		Tons.		Tons.
Wheat.....	31,761		29,385		5,928		76,715		144,789	
Corn.....	25,651		21,073		36,146		99,272		182,142	
Barley.....							735		735	
Rye.....							518		518	
Oats.....					731				731	
Coal.....	8,398		48,329		835		40,388		97,950	
Miscellaneous merchandise.....	5,238		3,590		13,195		2,299		24,322	
Lumber.....	Feet B.M. 2,102,292		Feet B.M. 3,455,590		Feet B.M. 5,287,386		Feet B.M. 15,143,274		Feet B.M. 25,988,542	
Timber.....	Cubic Feet. 83,700		Cubic Feet. 3,514,944		Cubic Feet.		Cubic Feet. 70,500		Cubic Feet. 3,669,144	
Staves.....	M. 32,876		M. 1,038,319		M.		M. 90,000		M. 1,161,255	

**K.—STATEMENT of Large Class of Vessels Lightened at Welland Railway Elevator
passed through the Enlarged Welland Canal,**

UNITED STATES

Date of Arrival.	Vessels.	Registered Tonnage.	Dimensions.			Original Cargo.		Depth of Water drawn on Arrival in Harbour.	
			Length over all.		Depth of Hold.	Wheat.	Corn.	ft. in.	ft. in.
			ft.	in.					
April 21	John C. Gault.....	1,213	233	33	13 6	.....	43,000	13 5	13 5
May 8	do	1,213	233	33	13 6	.....	43,000	13 1	13 9
do 18	do	1,213	233	33	13 6	.....	43,000	13 11	13 9
July 26	Business.....	986	191	34 7	17 7	50,000	.....	14 10	14 7
	Average.....	1,156	223	33 5	14 6	50,000	43,000	13 9	13 10

UNITED STATES

July 31	H. Bissell	497	34,015·50
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CANADIAN

Aug. 11	Glenora.....	627	180	34	15	48,884	13 4	13 4
do 19	Pride of America.....	21,600	11 6	11 6
Sept. 4	Glenora.....	627	180	34	15	49,570	.....	13 3	13 4
	Average.....	627	180	34	15	39,686·66	.....	12 8	12 8

at Port Colborne; showing their Tonnage, Dimensions, Depth of Water, and Cargoes during the Season of Navigation in 1882.

VESSELS—STEAM.

Lighterage.		Total Cargo through the Canal.				Draft of Water through Canal.		Destination.		Cost per bushel.	Time occupied in Lightering
Wheat.	Corn.	Wheat.	Corn.	Deck Load or Rolling Freight.		Forward.	Aft.	From	To		
bush.	bush.	bush.	bush.	tons.	ft. in.	ft. in.				cts.	b. m.
.....	11,625·35	.....	31,374·21	.....	11 9	11 9		Toledo	Ogdensburg	1 $\frac{1}{4}$	5 45
.....	13,280·25	.....	29,719·31	10	11 6	11 6 $\frac{1}{2}$		do	do	1 $\frac{1}{4}$	5 30
.....	15,396·15	.....	27,603·41	57	11 5 $\frac{1}{2}$	11 7 $\frac{1}{2}$		do	do	1 $\frac{1}{4}$	6
16,934·10	.....	33,065·50	.....	.....	12	12		Milwaukee	Kingston	1 $\frac{1}{4}$	6 45
16,934·10	13,433·91	33,065·50	29,565·64	33·5	15 7	15 8				1 $\frac{1}{4}$	6

VESSELS—SAIL.

6,190·05	27,825·45	Milwaukee	Kingston	2
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VESSELS—SAIL.

8,230·05	40,653·55	11 6	11 6	Chicago	Kingston	1 $\frac{1}{4}$	4 10
7,658·45	13,941·15	9 6	9 · 6	Milwaukee	do	2
8,555·10	.....	40,014·50	.....	.....	11 5	11 6	Toledo	do	1 $\frac{1}{4}$	2 45
8,147·86	.....	31,536·40	.....	.....	10 8	10 8	.....	.....	1 $\frac{1}{4}$	3 27

L.—STATEMENT of Large Classes of Vessels Lightered at Welland Railway
Water and Cargoes, passed through the enlarged Wel

CANADIAN

Date of Arrival.	Vessels.	Registered Tonnage.	Dimensions.			Original Cargo.		Depth of Water on arrival in Harbour.	
			Length over all.		Width of Beam.	Depth of Hold.	Wheat.	Corn.	Forward.
			ft.	in.					
July 2	Myles.....	929	179	33 6	15	12,863·40	bush.	bush.	12 0 12 6
Aug. 15	Myles.....	929	179	33 6	15	40,000	.....	.....	13 8 13 11
do 23	Tecumseh.....	530	.....	.....	.....	37,975	.....	14 0	13 10
Sept. 14	Tecumseh.....	530	.....	.....	.....	38,503·30	.....	.....	.....
do 17	Myles	929	.....	.....	.....	20,000	.....	.....	.....
Oct. 3	Lake Michigan.....	440	.....	.....	.....	17,000	.....	10 3	10 6
do 26	Myles.....	929	.....	.....	.....	40,000	.....	.....	.....
Average.....		745	179	33 5	15	30,954 46	28,369 57	12 6	12 9

CANADIAN

Nov. 28	G. M. Neelon.....	314	19,000 00	10 6	10 6
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UNITED STATES

May 14	Northerner	1,038 237	33	16	42,000	13 9	14
do 14	Jim Sheriffs.....	562 200	37,245·10	12 3	13
do 21	D. C. Whitney.....	1,013 246	40 6	14 6	.....	61,000	14 3	14 6
do 24	Jas. Davidson.....	1,202 235	37 6	20	.....	63,480·34	14 5	15
do 26	Roanoke	957 257	35	14	.....	32,319·26	12 10	13 6
June 1	D. M. Willson.....	592 175	31	21	23,775·50	9,113·42	13 6	13 9
do 4	Northerner.....	1,038 237	33	16	.....	43,593·32	14 4	14 8
do 14	Jas. Davidson	1,202 235	37 6	20	.....	62,899·46	14 10	15 2
do 16	Roanoke	957 257	35	14	.....	26,329·31	.....	.....
do 21	Northerner.....	1,038 237	33	16	.....	42,768·52	.....	.....
do 30	Oneida.....	929 215	31	12	.....	23,500	12 9	13 1
July 4	J. R. Whitney.....	326 145	26	16	.....	23,000	12 6	12 9
do 10	Northerner.....	1,038 237	33	16	.....	40,334·6	.....	.....
do 16	Roanoke	957 257	35	14	.....	25,686·14	12 6	13 6
do 12	W. L. Frost.....	1,203 250	37	15 9	.....	50,000	12 9	12 10
do 26	Oneida.....	929 215	31	12	.....	22,464·36	.....	.....
do 27	Jas. Davidson.....	1,202 235	37 6	20	65,000	.....	15 2	15 6
do 30	Northerner	1,038 237	33	16	.....	35,855·40	.....	.....
Aug. 4	W. L. Frost.....	1,203 250	37	15 9	.....	54,727·45	13 3	14
do 6	Roanoke.....	957 257	35	14	.....	32,739·28	.....	.....
do 14	Oneida.....	929 215	31	12	.....	26,000·43	.....	.....
do 16	Northerner	1,038 237	33	16	.....	44,713·12	.....	.....
do 22	W. L. Frost	1,203 250	37	15	.....	48,720	.....	.....
do 27	Roanoke	957 257	35	14	.....	32,235·20	.....	.....
do 1	Oneida.....	929 215	31	12	.....	26,328·21	.....	.....
do 4	Northerner	1,038 237	33	16	.....	41,412	.....	.....
do 7	W. L. Frost.....	1,203 250	37	15	.....	51·258·8	13 2	13 6

SEP 20 1914

Elevator at Port Colborne; showing their Tonnage, Dimensions, Depth of land Canal during the season of Navigation in 1883.

STEAM VESSELS.

Lighterage.		Total Cargo through the Canal.				Draft of Water through Canal.	Destination.		Cost per bushel.	Time occupied in Lightering	
Wheat.	Corn.	Wheat.	Corn.	Deck Load or Rolling Freight.	tons.		Forward.	Aft.			
							ft.	in.			
bush.	bush.	bush.	bush.	tons.	ft. in.	ft. in.					
1,542 50	.....	11,320 50	.....	455	12	12	Chicago	Montreal	2	1 25
9,343 55	.....	30,553 50	.....	.....	12	12	Toledo	do	1 $\frac{1}{2}$	2 50
.....	13,340 35	.....	24,635 00	.....	12	12	Chicago	Kingston	2	4 05
.....	13,222 38	.....	25,280 48	.....	do	do	do	do	2 $\frac{1}{2}$	4 25
7,959 00	.....	12,041 00	614	.....	.....	.....	Duluth	do	2	4 35
1,750 25	.....	15,249 31	.....	.....	10	10	Chicago	Montreal	2	1 00
12,364 50	.....	27,635 10	.....	7	.....	.....	Duluth	do	2 $\frac{1}{2}$	4 45
7,750 18	9,067 90	23,203 88	19,301 49	358 66	11 6	11 6	2 $\frac{1}{2}$	3 18	

VESSELS—SAIL.

4,212 15	14,786 45	9 3	9 5	Toledo	St. Catharines	2	7	55
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VESSELS—STEAM.

15,031 19	26,968 37	77	11 7	11 7	Chicago	Ogdensburg	2	7	15
5,438 4	31,807 3	11 6	11 6	do	Kingston	2	6	40
24,396 29	.....	36,603 27	.....	11 8	11 8	do	do	2	11	00
22,581 24	.....	40,899 10	.....	12	12	do	Ogdensburg	2	11	10
8,393 37	.....	23,935 45	124	11 8	12	do	do	2	5	40
4,477 05	19,298 05	5,298	.....	12	12	do	Kingston	2	7	15
18,345 36	.....	25,247 53	216	12	12	do	Ogdensburg	2	10	35
24,916 34	.....	37,933 12	.....	12	12	do	do	2	8	15
5,376 4	.....	20,953 27	229	.....	.....	do	do	2	3	55
17,895	.....	24,873 52	185	.....	.....	do	do	2	7	45
5,810 50	.....	17,689 6	185	12	12	Toledo	do	2	2	45
3,427 53	.....	19,572 3	.....	11 3	11 9	Chicago	do	2	3	00
14,199 26	.....	26,134 36	176	.....	.....	do	do	2	5	30
6,215 15	.....	19,470 55	242	.....	.....	do	do	2	3	45
8,112 18	.....	41,887 38	.....	11 10	11 10	Toledo	do	2	4	10
2,851 34	.....	19,613 2	75	.....	.....	Chicago	do	2	3	00
27,276 30	37,723 30	.....	.....	12	12	Milwaukee	Kingston	1 $\frac{1}{2}$	10	00
13,034 26	.....	22,821 10	265	.....	.....	Chicago	Ogdensburg	2	5	35
14,813 17	.....	39,914 28	55	11 9	11 10	do	do	2	5	03
6,131 24	.....	26,607 54	39	.....	.....	do	do	2	3	15
6,095 20	.....	19,005 23	119	.....	.....	do	do	2	3	25
20,130 10	.....	24,583 2	198	.....	.....	do	do	2	6	45
10,091 14	.....	38,628 42	.....	.....	.....	do	do	2	3	25
8,945 35	.....	23,289 41	113	.....	.....	do	do	2	4	15
3,602 53	.....	22,725 25	64	.....	.....	do	do	2	1	55
18,485	.....	22,947	245	.....	.....	do	do	2	6	15
14,907 38	.....	36,350 36	113	11 9	11 10	do	do	2	6	00

L.—STATEMENT of Large Classes of Vessels Lightened at Welland Railway
UNITED STATES

Date of Arrival	Vessels.	Registered Tonnage.	Dimensions.			Original Cargo.		Depth of Water on arrival in Harbour.		
			Length over all. ft. in.	Width of Beam. ft. in.	Depth of Hold. ft. in.	Wheat. bush.	Corn. bush.	Forward. ft. in.	Aft. ft. in.	
Sept. 14	Roanoke.....	.957 257	35	14			32,000	12 11	13 11	
do 20	Oneida.....	929					22,634 6			
do 24	Northerner.....	1,038					43,006 8			
do 25	W. L. Frost.....	1,203					41,277 8			
Oct. 3	Roanoke.....	957					29,014 26			
do 8	Oneida.....	929					25,000			
							oats.			
do 17	W. L. Frost.....	1,203				20,178	38,639 36	13	13 9	
do 27	Oneida.....	929					24,930 20			
do 27	D. M. Willson.....	592					34,100			
Nov. 2	Northerner.....	1,038					43,589 6	14 10	14 8	
do 2	Roanoke.....	957					27,451 32	13	13	
do 6	W. L. Frost.....	1,203					32,946 10			
do 26	Northerner.....	1,038					39,000	14	14 6	
Dec. 3	W. L. Frost.....	1,203					47,879 12	12 7	12 9	
	Average	996 233	34	15 5	36,317 83	37,014 97	13 5	13 10		

Elevator at Port Colborne, showing their Tonnage, &c.—*Concluded.*

VESSELS—STEAM—*Concluded.*

Lighterage.		Total Cargo through the Canal.					Draft of Water through Canal.	Destination.		Cost per bushel.	Time occupied in Lightering
Wheat.	Corn.	Wheat.	Corn.	Deck Load or Rolling Freight.	From	To		Forward.	Aft.		
bush.	bush.	bush.	bush.	tons.	ft. in.	ft. in.					
7,526·19		24,474		155			Chicago.....	Ogdensburg	2	4	10
4,525·35		18,108·27		173			do	do ...	2	2	10
18,530·45		24,475·19		220			do	do ...	2	6	10
10,108·32		31,168·32		282			do	do ...	2	4	35
5,808·47		23,205·35		164			do	do ...	2	4	35
6,411·29		18,588·27		156			do	do ...	2	2	30
oats.											
14,029·6	20,178·12	24,010·30	149	11 10	11 11		do	do ...	2	6	10
4,463·27		20,466·49	107				do	do ...	2	1	55
8,554·11		25,545·45					do	do ...	2½	4	00
21,281·29		22,307·27	230	11 10	11 10		do	do ...	2	6	45
4,612·52		22,837·36	138	12	12 00		do	do ...	2	5	15
8,938·7		24,008·3	488	11 9	11 9		do	do ...	2	4	25
17,147·3		21,852·53	231	11 8	11 8		do	do ...	2	8	00
13,848·32		34,030·36	26	11	11 1		do	do ...	2	7	55
15,876·65	11,220·88	25,733·16	25,794·59	170	11 9	11 9¾			2	5	30

L.—STATEMENT of Large Class of Vessels Lightened at Welland Railway
Water and Cargoes.,

UNITED STATES

Date of Arrival.	Vessels.	Registered Tonnage.	Dimensions.			Original Cargo.			Depth of water drawn on Arrival in Harbor.	
			Length over all. ft. in.	Width of Beam. ft. in.	Depth of Hold. ft. in.	Wheat. bush.	Corn. bush.	Forward. ft. in.	Aft. ft. in.	
1883.										
May 11	Higbie	418	171	31 4	12		31,669·26	12 7	12 7	
do 11	S. Halstead	497	.....	.....	.....		35,710	12 6	12 6	
do 12	Homer	455	.....	.....	.....		31,376·44	13 5	13 8	
do 17	Parana	406	.....	.....	.....		27,324·06	13	13	
do 17	Wayny	641	197	35	14		48,436·17	13 6	13 6	
June 1	Manitowae	479	225	29 9	13	35,316·40	.....	12 3	13	
July 26	Angus Smith	551	182	32	13	36,600	.....	13	13	
Aug. 6	Halstead	472	.....	.....	.....		35,100	.....	.....
do 17	Parana	386	.....	.....	.....		27,500	13	13	
do 23	Angus Smith	551	182	32	13	36,600	.....	.....	.....
Sept. 17	Halstead	472	.....	.....	.....		35,170·10	.....	.....
do 21	Parana	386	.....	.....	.....		27,400	.....	.....
Oct. 25	Halstead	472	.....	.....	.....		35,098·12	12 10	12 3	
do 27	C. B. Jones	470	.....	.....	.....		34,010	.....	.....
Nov. 21	Angus Smith	551	.....	.....	.....		36,902·08	.....	.....
	Average	480	191 4 $\frac{1}{2}$	32	13	36,172·13	33,813	12 10	12 11	

Elevator, at Port Colborne; showing their Tonnage, Dimensions, Depth of &c.—Continued.

VESSELS—SAIL.

Lighterage.		Total Cargo through the Canal.				Draft of Water through Canal.		Destination.		Cost per bushel.	Time occupied in Lightering.
Wheat.	Corn.	Wheat.	Corn.	Deck Load or Rolling Freight.	Forward.	Aft.	From.	To.			
bush.	bush.	bush.	bush.	tons.	ft. in.	ft. in.					
4,613·37	27,055·45	.....	11 8	11 10					cts.	h. m.
4,574·26	31,125·30	.....	11 10	11 10	do	do	do	do	2	4 10
8,258·02	23,118·42	.....	11 9	11 9	do	do	do	do	3	3 15
5,268·22	22,065·40	.....	11 10	11 10	do	do	do	do	5	5 50
11,910·25	36,575·48	.....	11 6	11 8	do	do	do	do	18	6
3,427·55	31,888·45	.....	12	12	do	do	do	do	3	3
6,272·15	30,327·55	.....	12	12	Milwaukee	do	do	do	1	2 45
3,318·02	31,781·54	.....			Chicago	do	do	do	2	5
4,415·20	23,084·36	.....	11 10	11 10	Milwaukee	do	do	do	1	1 55
5,904	30,696	.....			do	do	do	do	2	2 55
3,360·20	31,809·46	.....			Chicago	do	do	do	2	1 25
4,012·18	23,387·28	.....			do	Ogdensburg	do	do	2	2 25
3,386·39	31,711·29	.....	12	12	do	Kingston	do	do	1	1 30
3,865·25	30,144·31	.....			do	Ogdensburg	do	do	5	35
5,829·51	31,072·13	.....			do	do	do	do	2	3 50
5,201·20	5,234·23	30,970·66	28,578·36	.....	11 9	11 10				2	4 19

M.—STATEMENT of the East and West bound Freight passing through the whole length of the Welland and St. Lawrence Canals, during the Season of Navigation, in 1882 and 1883.

Freight passed Eastward from Lake Erie to Montreal.			Freight passed Westward from Montreal to Lake Erie.		
Articles.	1882.	1883.	Articles.	1882.	1883.
Asbes	10	3	Agricultural products.....		25
Apples.....	1	.....	Bricks.....	96	78
Agricultural products, vegetable.....	1	.....	Cement and water lime....	533	508
Barley.....	259	.....	Clay, lime and sand.....	56	56
Coal.....	75	.....	Coal.....		40
Corn.....	17,474	109,191	Crockery and earthenware.....	116	137
Flour.....	5,920	5,089	Dye woods, &c.....		2
Furniture.....	12	6	Fish.....	406	.....
Glass, all kinds.....	6	1	Flour.....		21
Hides and skins, &c.....		77	Furniture.....	4	4
Horses	1	.....	Glass, all kinds.....	359	156
Iron, pig.....	459	.....	Horses	2	.....
do all other.....	9	5	Iron, railway.....	11,246	8,725
Lard and lard oil.....	206	6	do pig.....	3,375	2,460
Meals, all kinds.....		1,188	do all other.....	686	528
Molasses	18	43	Manilla.....	5	5
Oil (in barrels).....	425	.....	Meals, all kinds.....		5
Pease.....		726	Molasses.....	58	3
Pork.....	278	213	Nails.....	576	1,085
Paint.....	4	.....	Oats.....		264
Pitch and tar.....	1	.....	Oil (in barrel[s]).....	119	122
Rye.....	1,269	518	Potatoes.....	23	.....
Stone for cutting.....	2	.....	Paint.....	124	103
do wrought.....	484	269	Pitch and tar.....		50
Seeds, all kinds.....	37	2	Rosin.....	11	21
Sugar.....		2	Salt.....	1,820	5,324
Spirits, beer, &c.....	25	35	Seeds, all kinds.....	14	.....
Tobacco, raw.....	1	.....	Soda ash.....	1,040	1,801
Turpentine.....	2	.....	Sugar.....	465	375
Wreath	161,692	76,379	Spirits, beer, &c.....	564	791
Merchandise, not enumerated.....	105	53	Stone, wrought.....		2
Barrels, empty.....	3	.....	Tin.....	641	1,669
Lumber, sawn, in vessel.....	3,639	6,311	White lead.....	14	.....
Staves, pipe	2,359	2,024	Whiting.....	5	19
do West India.....	1,130	451	Wool	3	.....
Timber, square, in vessels.....	1,574	290	Merchandise, not enumerated.....	1,992	2,612
do do rafts.....	1,149	2,314	Barrels, empty	130	179
Woodenware.....	205	199	Lumber, sawn, in vessels.....	175	316
Total tons.....	198,835	205,394	Woodenware.....	23	.....
			Total tons.....	24,881	27,488

APPENDIX N.

MEMORANDUM respecting petitions for abolition of Canal Tolls, presented by the Montreal Board of Trade et alia.

The memorial of the Committee of Management of the Montreal Corn Exchange Association refers to the anticipated action of the New York State Legislature, in the direction of freeing the State canals from all imports in the way of tolls, as striking a deadly blow at the inland and foreign commerce of the Dominion.

The undersigned is of opinion that a careful analysis of the several statement appended to this Memorandum will lead to the conviction that, however, powerful a motor "Free Canals" may be as a sentiment, their importance as an economic fact is very trifling.

In order that the statements referred to may be the more readily understood, they have been reduced to quinquennial averages, statements of which precede the appendices.

By referring to statement *a*, it will be observed that during the four years ended 1859, the average annual movement by railways and canals, respectively, in the state of New York stood thus:—

Moved one mile by railways, 313 millions of tons; moved one mile by canals, 546 millions of tons.

In 1880 the movement by railways had increased to 4,246 millions of tons, while that of canals increased only to 1224 millions. It must be noted further that this immense relative gain in land carriage has occurred in spite of the fact that in 1880, the cost of carriage per ton per mile, by rail, was nearly double that by canal, viz.:—

Eight mills and 4 fractions per ton per mile, by railroad against 4 mills and 9 fractions per ton per mile (including tolls) by canal.

The movement has been one ever in the same direction. Each period of 5 years shows a relative gain by the land carriers without any apparent heed to cost per ton.

It is plain that some other considerations than that of carrier's charges have governed this movement. What are they?

The State Auditor reports the tolls of 1880 to have arisen as follows:—

Products of the forest.....	\$259,148
Vegetable food.....	746,964
Manufacturers.....	36,842
Merchandise.....	44,611
Other articles.....	67,854
	<hr/>
	\$1,155,419

Lumber and grain, but chiefly the latter, then are the principal elements in determining the revenues derived, the tolls upon merchandise from Tidewater westward being but \$41,130.

By statement *c*, it will be seen that of the total \$1,155,419 collected, \$1,046,963 was collected from 3,226,358 tons arriving at Tidewater from the Western States; and by statement *B*, that of this tonnage, 2,371,094 (that is more than two-thirds) consisted of vegetable food.

The railways (New York Central & Erie) carried 4,732,385 tons of vegetable food, at nearly double the cost per ton per mile.

The only explanation seems to be that "Time is money."

The closing of our waterways follows so closely upon the harvest that but a small proportion of the crop can be moved by water within the year in which it is harvested, and the loss by storing till inland navigation reopens, attended, as it is, by all kinds of risk as to variation in prices, is a greater evil than the present sacrifice of a few cents per bushel.

It has already been shown that the cost of canal freights, including tolls, to the State, were only $4\frac{1}{5}$ mills per ton per mile in 1880 against land charges of $8\frac{1}{5}$ mills.

The freeing of the canal will reduce that charge to 4 mills, if the public, rather than the carriers, get the benefit of the reduction.

There does not appear to be any probability of a vastly increased volume of traffic resulting from this contemplated change. The saving will be about one cent a bushel; the saving by the Canadian route by abolition of tolls would be five-eighths of a cent per bushel between the western wheat fields and the Atlantic coast.

An advantage of 3 or 4 cents per bushel between Chicago and Montreal, as compared with the cheapest rates of any other route (see Statement *d*) has not tempted one tithe of the Western grain to seek an outlet at Montreal *via* the Welland Canal. How can it be expected that a further relief to the extent of only five-eights of a cent per bushel would appreciably alter the *status quo*.

The fight is not between the St. Lawrence and the New York State canals. It is between land and water-borne carriage, and the railways have come out victors.

By reference to a very valuable report, furnished by L. J. Sargeant, Esq., Traffic Manager of the Grand Trunk Railway, which is appended for your further information, the following statistics may be gleaned :

	1880. Bushels.	1881. Bushels.
Total United States crop.....	2,703,575,966	2,053,543,370
Shipped coastwise from Chicago....	154,377,115	146,307,597
do do Milwaukee	31,096,463	33,796,548
do do Toledo	53,751,627	32,115,279
do do Detroit....	10,431,970	
Exported surplus crop of United States and Canada from United States Atlantic ports.....	286,313,760	285,441,434
Of which New York and Montreal exported as follows :		
New York.....	135,937,036	96,532,200
Montreal	27,290,905	18,567,360

From these figures it will be seen that at present Montreal exports but one-fifth the quantity of grain exported by New York.

Now, let us refer to the same authority as to the rates of freight.

In 1880, the rates were as follows :—

	Highest.	Lowest.
Chicago to Buffalo, by rail.....	8	3
Buffalo to New York, canal.....	9	$5\frac{1}{2}$
—	17	$8\frac{1}{2}$
—	—	—
* { Chicago to Kingston.....	11	$\frac{1}{4}$
Kingston to Montreal, by canal, given only for 1875 and 1879.....	$3\frac{1}{2}$	3
—	—	—
$14\frac{1}{2}$	$9\frac{1}{4}$	—
—	—	—
Chicago, by lake to Buffalo, and thence by rail to New York.....	18	12
Chicago by lake to Sarnia and Goderich, and thence by Grand Trunk Railway to Montreal.....	$11\frac{4}{5}$	9
All rail—		
Chicago to New York.....	40	30
" Montreal	40	30
—	—	—

*Average, Chicago to Montreal, 1874 to 1879, inclusive, 10 cents. Vide page 14 of Montreal Report, W. J. Patterson to Sir Hector Langevin.

The average rates are greater by Montreal.

Board of Trade for 1878, as follows:—

Chicago to New York	9
" Montreal.....	8½

These figures bear on the face of them adequate proof that it is not inland freight, whether by rail or by water, that turns so great a proportion of Western grain to New York.

It is the uncertainty of export facilities from Montreal during the closing months of river navigation, and the necessarily higher rates due to excessive pilotage, towage and harbour charges at and below Montreal.†

Reducing to tons the 18,567,360 bushels exported from Montreal in 1881, we have 563,000 tons.

The canal statistics show that 388,081 tons cleared from Lake Erie downwards through the Welland, of which 38,511 were for United States ports.

About 330,000 tons or, say 11,000,000 bushels, of the United States grain crops found its way to Europe via Montreal. Another 1,500,000 probably reached Montreal via rail from Chicago, and the remaining 6,067,360 bushels exported was apparently Canadian produce.

Mr. Sargeant's statement gives the following figures, as representing principal shipments from western points eastward:—

1881.	Bushels.
Shipped from Chicago	140,307,597
do do Milwaukee.....	33,797,548
do do Toledo.....	32,115,279
	<hr/>
	206,219,424
Add probable shipment from Detroit.....	10,000,000
	<hr/>
	216,219,424
At 33½ bushels to a ton	6,487,000
	<hr/>

By reference to statement "b" it will be seen that in 1881 the number of tons of vegetable food moved to Tidewater is recorded as follows:—

	Tons.
By rail to New York.....	4,983,722
By Erie Canal, from Tonawanda.....	878,842
do do Oswego.....	115,638
Welland Canal, eastward from Port Colborne.....	388,081
	<hr/>
Total	6,366,283

There seems to be little reason to doubt that if Montreal were as favourable a point for Atlantic freight as New York the St. Lawrence Canals would share with the Erie the water-borne grain traffic, instead of being able only to take one-fourth.

†Page 16, Report of W. J. Patterson to Sir Hector Langevin:—
For vessels of 600 tons drawing 18 feet:

	Pilotage.	Towage.	Wharfage.
Boston.....	\$ 86 37	\$ 60 00	
New York	172 80	100 00	\$6 00 per day, and fee \$9.
Philadelphia	162 00	120 00	\$3.00 " " "
Baltimore.....	162 00	150 00	\$1.00 " " "
Montreal	193 50	450 00 to 600 00	\$4.50 " " "

The wharfage dues alone for 1880, collected by the Harbour Commissioners to 1st October, amounted to \$234,014, or more than the entire revenue from the Welland and St. Lawrence Canals last year.

The railways will, however, continue as in the past, to take the lion's share, for reasons already advanced.

The abolition of tolls on the St. Lawrence and Welland Canals would result in a diminution of revenue to the extent of from \$200,000 to \$300,000 per annum.

It is not clear to the writer that the grain traffic to Tidewater would be thereby increased to any appreciable extent.

The memorial of the Board of Trade of Montreal covers questions of much greater importance than that of the abolition of canal tolls.

The charges upon foreign shipping entering the Port of Montreal amount to from \$1.25 to \$1.50 per ton. A broad view of public policy may ultimately dictate the assumption by the Dominion of liabilities which have hitherto been considered local in character.

The reduction in inward and outward freights, which will ensue from increasing competition amongst ship-owners at a port known to be comparatively cheap, would be a public gain, reducing the cost of every commodity brought into the country, and increasing the price of every bushel of produce sold by the Canadian farmer for export to foreign marts.

This is a question worthy of serious and deliberate discussion, in the presence of which the smaller one, involving at best a trivial charge of some twenty cents per ton, becomes insignificant.

A revision of the tariff rates per westward-borne freight, the abolition of all tolls on passengers and a provision that vessels passing through the St. Lawrence Canals would be entitled to free passage through the Welland, whether going through to Lake Erie or not, might be entertained, and might result in advantages to the carrying trade, without loss of aggregate revenue.

It is worthy of consideration, however, that the Washington Treaty gives United States citizens the right to navigate our canals on the same terms as British subjects.

The Fishery Clauses of the same Treaty are open to be brought to an end by the stipulated twelve months' notice.

The question of Reciprocity is beginning to show some signs of life.

In view of these facts, is it wise to give away for nothing now, that for which, in a year or two, we may obtain a full equivalent?

E. MIALL,

Acting Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 15th January, 1883.

APPENDIX C.

STATISTICS of Annual Freights, from Chicago to Tidewater, per 60 lbs.

	Lake Freight, Chicago to Buffalo.		Canal Freight, Buffalo to New York, includ- ing Tolls.		Lake Freight, Chicago to Oswego.		Canal Freight, Oswego to New York, includ- ing Tolls.		Railroad Freight, Buffalo to New York.		Chicago to Montreal, ^{via} Kingston, includ- ing Transfer and Tolls.		CANAL TOLLS.	
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	Included in Col- umn 3.	Included in Col- umn 5.		
1860.....														
1861.....	11·53	15·75	15·67	11·11							5·17	2·95		
1862.....	10·49	15·84	15·22	11·05							6·21	3·54		
1863.....	7·51	15·39	11·74	10·89							6·21	3·54		
1864.....	9·58	18·78	15·37	13·09							6·21	3·54		
Average, 5 years.....	9·78	16·44	14·50	11·53							5·95	3·41		
1865.....	9·78	16·84	14·92	12·31							6·21	3·54		
1866.....	13·40	16·98	19·58	11·87							6·21	3·54		
1867.....	6·67	15·69	10·87	11·48							6·21	3·54		
1868.....	7·14	15·65	11·65	11·22							6·21	3·54		
1869.....	6·81	16·31	11·32	11·81							6·21	3·54		
Average, 5 years.....	8·76	16·29	13·61	11·74							6·21	3·54		
1870.....	5·88	11·22	10·25	8·19							3·10	1·77		
1871.....	7·62	12·62	12·35	8·92							3·10	1·77		
1872.....	11·15	13·10	14·79	8·68							3·10	1·77		
1873.....	7·62	11·57	14·20	8·01							3·10	1·77		
1874.....	4·03	10·11	7·57	7·32							3·10	1·77		
Average, 5 years.....	7·26	11·72	11·83	8·22							3·10	1·77		
1875.....	3·42	8·01	6·76	6·08							2·07	1·18		
1876.....	3·11	6·72	6·01	5·54							2·07	1·18		
1877.....	3·57	7·39	7·21	5·97							1·03	.59		
1878.....	3·17	5·99	7·13	5·95							1·03	.59		
1879.....	4·72	6·96	7·69	5·68							1·03	.59		
Average, 5 years.....	3·60	7·01	6·96	5·84							1·45	.83		
1880.....	5·64	6·58	8·59	5·43							1·03	.59		

APPENDIX O—Continued.

ANNUAL FREIGHTS COMPARED.

	Erie Railroad.	New York Central Railroad.	Total Railroad.	Canal Freights and Tolls.
	\$	\$	\$	\$
1855.....				
1856.....	4,545,782	4,328,041	8,873,823	6,573,125
1857.....	4,097,610	4,559,276	8,656,886	3,876,000
1858.....	3,843,310	3,700,270	7,543,580	4,502,437
1859.....	3,195,869	3,337,148	6,533,017	3,665,806
Average, 5 years.....	3,920,613	3,980,684	7,901,826	4,684,367
1860.....				
1861.....	3,884,343	4,085,934	7,980,277	8,049,450
1862.....	4,351,464	4,644,449	8,995,913	9,369,378
1863.....	6,642,915	6,607,331	13,250,246	10,780,431
1864.....	8,432,234	7,458,509	15,830,743	9,065,005
Average, 5 years.....	6,633,208	6,277,918	12,891,127	9,460,775
1865.....				
1866.....	10,726,364	8,776,028	19,502,292	8,695,961
1867.....	11,611,023	9,671,920	21,282,943	10,160,031
1868.....	11,204,689	9,151,750	20,356,439	8,663,119
1869.....	11,425,739	9,491,427	20,917,166	9,012,659
Average, 5 years.....	11,602,904	9,509,741	21,112,645	8,986,784
1870.....				
1871.....	12,328,027	14,327,418	26,655,445	7,552,988
1872.....	13,232,235	14,647,580	27,879,815	10,775,887
1873.....	14,59,745	16,259,647	30,769,332	10,648,711
1874.....	15,015,808	19,616,018	34,631,826	9,267,503
Average, 5 years.....	13,765,171	17,039,878	30,205,049	9,025,602
1875.....				
1876.....	12,287,460	17,899,702	30,187,102	4,863,137
1877.....	11,429,930	17,593,265	29,023,195	3,898,918
1878.....	10,617,807	16,424,316	27,074,123	4,839,033
1879.....	11,914,489	19,045,830	30,960,319	3,936,520
Average, 5 years.....	12,233,481	18,270,250	30,503,730	4,470,611
1880.....				
1881.....	11,702,621	17,846,672	29,549,294	4,401,644
1880.....	14,391,115	22,199,966	36,591,081	5,988,915
1881.....	15,979,577	20,736,750	36,716,327	3,890,233

APPENDIX O—Continued.

Cost of Freight and Tolls on Produce, from Lake Erie to Tidewater.

	Tolls.	Carrier, Freight, and Charges.	Tons Arriving by Canal at Tidewater.
1855.....	\$ 2,144,962	2,566,131	1,420,715
1856.....	2,162,321	3,327,447	1,587,130
1857.....	1,703,231	1,609,903	1,117,199
1858.....	1,951,315	2,245,349	1,496,687
1859.....	1,611,403	1,668,545	1,451,333
Average, 5 years.....	1,914,616	2,283,467	1,414,613
1860.....	2,785,712	4,879,935	2,276,061
1861.....	3,800,827	5,393,902	2,449,609
1862.....	5,027,387	5,404,551	2,917,094
1863.....	4,507,954	4,311,956	2,647,689
1864.....	3,896,290	5,881,891	2,146,634
Average, 5 years.....	4,001,634	5,187,447	2,487,417
1865.....	3,728,076	4,611,506	2,078,361
1866.....	4,305,618	5,530,000	2,513,664
1867.....	3,924,630	4,233,899	2,236,122
1868.....	4,040,168	4,461,418	2,378,572
1869.....	3,612,341	4,468,346	2,257,689
Average, 5 years.....	3,922,178	4,681,034	2,292,882
1870.....	2,479,423	4,716,324	2,200,698
1871.....	2,980,639	7,472,089	2,649,877
1872.....	2,911,708	7,339,072	2,670,405
1873.....	2,897,072	6,290,785	2,585,355
1874.....	2,576,961	4,245,850	2,470,297
Average, 5 years.....	2,765,161	6,018,824	2,533,126
1875.....	1,562,658	3,232,696	1,914,942
1876.....	1,325,771	2,537,904	1,745,320
1877.....	866,663	3,937,126	2,298,008
1878.....	969,151	2,907,453	2,331,740
1879.....	847,565	3,390,264	2,546,002
Average, 5 years.....	1,114,362	3,201,083	2,267,212
1880.....	1,046,963	4,038,182	3,226,338
1881.....	632,390	{ Down freight only. }	2,193,302

APPENDIX O—Continued.

NUMBER of Tons moved One Mile, Rates, Freights (including Tolls in the case of Canal Freights) per Ton per Mile.

	Erie Railroad.	New York Central Railroad.	Canals.	No. of Tons moved One Mile.	
				E. & N.Y.C. Railroads.	Canal.
	c. m. f.	c. m. f.	c. m. f.		
1856.....	2 4 8	2 9 7	1 1 1	329	592
1857.....	2 4 5	3 1 3	0 8 0	313	485
1858.....	3 3 2	2 5 9	0 8 0	308	565
1859.....	2 0 7	2 1 3	0 6 7	304	544
Average, 4 years.....	2 6 0	2 7 0	0 7 8	313	546
1860.....	1 8 4	2 0 6	0 9 9	413	809
1861.....	1 7 3	1 9 6	1 0 8	489	864
1862.....	1 8 9	2 2 2	0 9 6	648	1,124
1863.....	2 0 9	2 4 0	0 8 7	716	1,034
1864.....	2 3 1	2 7 5	1 1 5	736	871
Average, 5 years.....	1 9 7	2 2 8	1 0 1	600	940
1865.....	2 7 6	3 3 1	1 1 0	653	844
1866.....	2 4 5	2 9 2	1 0 0	830	1,012
1867.....	2 0 4	2 5 3	0 9 0	912	958
1868.....	1 9 2	2 5 9	0 8 8	962	1,033
1869.....	1 6 0	2 2 0	0 9 2	1,292	919
Average, 5 years.....	2 1 5	2 7 1	0 9 6	930	953
1870.....	1 3 7	1 8 6	0 8 3	1,668	904
1871.....	1 4 7	1 6 5	1 0 2	1,786	1,050
1872.....	1 5 2	1 6 9	1 0 2	1,971	1,049
1873.....	1 4 5	1 5 7	0 8 8	2,279	1,058
1874.....	1 3 1	1 4 7	0 7 3	2,439	939
Average, 5 years.....	1 4 2	1 6 5	0 9 0	2,029	1,000
1875.....	1 2 1	1 2 7	0 6 6	2,431	728
1876.....	1 0 7	1 0 5	0 6 8	2,715	571
1877.....	0 9 6	1 0 2	0 5 7	2,734	857
1878.....	0 9 7	0 9 1	0 4 2	3,309	938
1879.....	0 7 8	0 8 0	0 4 6	3,865	963
Average, 5 years.....	1 0 0	1 0 1	0 5 6	3,012	811
1880.....	0 8 4	0 8 8	0 4 9	4,246	1,224
1881.....	0 8 1	0 7 7	0 3 8	4,689	565
					Westward freight, free.

a—MILLIONS of Tons of Freight moved one Mile on the New York State leading Railways and Canals, respectively; also Freight Rates per ton per mile (including Tolls in the case of Canal Rates.)

	New York Central and Erie Railroads.	New York Canals.	Freight Rates per Ton per Mile.								
			Erie Rail- road.			New York Central Railroad.			Canals, including Tolls.		
			c.	m.	f.	c.	m.	f.	c.	m.	f.
1856-9.....	313	546	2	6	0	2	7	0	0	7	8
1860-4.....	600	940	1	9	7	2	2	8	1	0	1
1865-9.....	930	953	2	1	5	2	7	1	0	9	6
1870-4.....	2,029	1,000	1	4	2	1	6	5	0	9	0
1875-9.....	3,012	811	1	0	0	1	0	1	0	5	6
1880.....	4,246	1,224	0	8	4	0	8	8	0	4	9
1881.....	4,689	{ 566 West bound freight ex- cluded.	{ 0	8	1	0	7	7	{ 0	3	8 On whole movement.

NOTE.—The figures for 1881 are misleading, owing to the west bound freight being free of tolls, and on that account excluded from the figures in the season column.

b—NUMBER of Tons of Vegetable Food moved to Tidewater, by the several Routes undermentioned.

Year.	Erie and New York Central Railroads.	New York State Canals.	Welland Canal, Port Col- borne, Down	Welland Canal, Lake Erie to Un'd States Ports.	Cleared from Buffalo and Tonawanda through Erie Canal.	Cleared from Oswego via Erie Canal.	G. T. R.
1869.....	1,087,809	1,302,613	479,852	337,530	786,436	867,815	
	2,068,878	1,666,459	588,121	313,089	1,205,049	216,102	
1875 to 1879....	3,352,422	1,504,992	422,782	186,142	1,246,767	114,791	
1880.....	4,732,385	2,371,090	456,775	78,853	2,065,184	135,410	
1881.....	4,983,722	1,116,561	388,081	58,511	878,842	115,638	

c—NUMBER of Tons of Down Freight (Produce), Lake Erie to Tidewater, *vid* New York State Canals, with Tolls Collected and Carriers' Charges thereon.

	Tons arrived at Tidewater by Canals.	Canal Tolls thereon.	Freight charges beyond Tolls.	Freight and Tolls.
		\$	\$	\$
1855-59	1,414,613	1,914,646	2,283,467	4,198,113
1860-64	2,487,417	4,001,634	5,187,447	9,189,081
1865-69	2,292,882	3,922,178	4,681,034	8,603,212
1870-74	2,533,126	2,765,161	6,018,824	8,783,985
1875-79	2,267,212	1,114,362	3,201,083	4,315,445
1880.....	3,226,358	1,046,963	4,038,182	5,085,145
1881.....	2,193,302	632,390	{ 1,264,780 Down fr't only. }	1,897,170

d—RATES of Freight per bushel of 60 lbs., including Canal Tolls in the case of Canal Freights.

	1			2			3			4			5			Tolls, included in Column 2.	Tolls, included in Column 4.				
	Lake. Chicago to Buffalo.			Canal. Buffalo to New York.			Lake. Chicago to Oswego.			Canal. Oswego to New York.			Chicago to Montreal, includ- ing transfer at Kingston and Canal Tolls.								
	c.	m.	f.	c.	m.	f.	c.	m.	f.	c.	m.	f.	c.	m.	f.						
1861-64.....	9	7	8	16	4	4	14	5	0	11	5	3	20	3	7	5	9	5	3	4	2
1865-69.....	8	7	6	16	2	9	13	6	1	11	7	4	15	6	0	6	2	1	3	5	4
1870-74.....	7	2	6	11	7	2	11	8	3	8	2	2	16	6	0	3	1	0	1	7	7
1875-79.....	3	6	0	7	0	1	6	9	6	5	8	4	9	5	0	1	4	5	0	8	3
1880.....	5	6	4	6	5	9	8	5	9	5	4	2	.....	.....	.....	1	0	3	0	5	9
1881.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—Railroad freights, from Buffalo to New York were, 1870-73, 7. 8. 4. per bushel.
Canal Tolls included in Column 5, 2m. per bushel.

e—MEMO. of Annual Averages, based upon the following periods: 1856 to 1859, 1860 to 1864, 1865 to 1869, 1870 to 1874, 1875 to 1879, as compared with 1880 and 1881.

ANNUAL AVERAGE FREIGHTS.

	Erie Railroad.	New York Central Railroad.	Total Railway.	Canal Freights and Toll.
	\$	\$	\$	\$
1855-59.....	3,920,643	3,980,684	7,901,826	4,684,367
1860-64.....	6,633,208	6,277,918	12,891,127	9,460,775
1865-69.....	11,602,904	9,509,741	21,112,645	8,986,784
1870-74.....	13,765,171	17,039,878	30,805,049	9,025,602
1875-79.....	11,702,621	17,846,672	29,549,294	4,401,644
1880.....	14,391,115	22,199,966	36,591,081	5,988,945
1881.....	15,979,577	20,736,730	36,716,327	3,890,233

f—STATEMENT showing the Quantity of Freight passed Westward, from Montreal, through the whole length of the St. Lawrence and Welland Canals to Lake Erie, during the Seasons of Navigation in 1881 and 1882; and the amount of Tolls collected on the same.

Articles.	1881.		1882.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Class 3.</i>				
Bricks.....	81	\$ 12 15	96	14 40
Cement and Water Lime.....	38	5 10	533	79 95
Clay, Lime and Sand.....	121	18 15	56	8 40
Fish.....	18	2 70	406	60 90
Iron, Railway.....	16,476	2,471 40	11,246	1,686 90
do Pig.....	8,131	1,219 65	3,575	536 25
do All other.....	800	135 00	686	102 90
Salt.....	5,175	776 25	1,820	273 00
Stone, for cutting.....	5	0 75	.....	.....
Potatoes.....	359	53 85	23	3 45
Seeds, all kinds.....	65	9 75	14	2 10
Agricultural Products, not enumerated, vegetable.....	2	0 30	.....	.....
Horses.....	.....	.....	2	0 30
Wool.....	.....	.....	3	0 45
Total Class 3.....	31,371	4,705 65	18,460	2,789 00
<i>Class 4.</i>				
Crockery and Earthenware.....	24	4 80	116	23 20
Furniture.....	3	0 60	4	0 80
Glass, all kinds.....	97	19 40	359	71 80
Manilla.....	.....	.....	5	1 00
Molasses.....	14	2 80	58	11 60
Nails.....	258	51 60	576	115 20
Oil, in barrels.....	54	10 80	119	23 80
Paint.....	47	0 40	124	24 80
Pitch and Tar.....	1	0 20	.....	.....
Rosin.....	.....	.....	11	2 20
Soda Ash.....	3,177	635 40	1,040	208 00
Steel.....	29	5 80	.....	.....
Sugar.....	5	1 00	465	93 00
Tin.....	959	191 80	641	128 20
White Lead.....	.....	.....	14	2 80
Whiting.....	10	2 00	5	1 00
Whiskey, Beer and other Spirits.....	91	18 20	564	112 80
Merchandise, not enumerated.....	984	196 80	1,992	398 40
Total Class 4.....	5,753	1,150 60	6,093	1,218 60
<i>Class 5.</i>				
Barrels, empty.....	40	8 00	130	25 56
Lumber, sawn, in vessels.....	.....	.....	175	15 00
Woodenware.....	26	10 40	23	9 20
Total Class 5.....	66	18 40	328	49 76
Grand Total.....	37,190	5,874 65	24,881	4,037 36

OTTAWA, 16th December, 1882.

g—STATEMENT showing the Quantity of Freight passed Eastward from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, and the amount of Tolls collected thereon, during the seasons of Navigation in 1881 and 1882.

Articles.	1881.		1882.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Class 3.</i>				
Iron, Pig.....	858	171 60	459	91 80
" all other.....			9	1 80
Stone for Cutting.....	233	46 60	2	0 40
Apples.....			1	0 20
Barley.....			259	51 80
Corn.....	69,066	13,813 20	17,474	3,494 80
Flour.....	4,478	895 20	5,920	1,184 00
Rye.....			1,269	253 80
Seeds, all kinds.....			37	7 40
Tobacco, Raw.....			1	0 20
Wheat.....	77,061	15,412 20	161,692	32,338 40
All other Agricultural Products, Vegetable.....			1	0 20
Horses.....			1	0 20
Lard and Lard Oil.....	361	72 20	206	41 20
Pork.....	5,141	1,028 20	278	55 60
Total, Class 3.....	157,196	31,439 20	187,609	37,521 80
<i>Class 4.</i>				
Ashes.....	13	2 60	10	2 00
Furniture.....	4	0 80	12	2 40
Glass, all kinds.....	47	9 40	6	1 20
Molasses.....			18	3 60
Oil, in barrels.....			425	85 00
Paint.....			4	0 80
Pitch and Tar.....			1	0 20
Stone, Wrought.....	291	58 20	484	96 80
Turpentine.....			2	0 40
Whiskey, Beer, and all other Spirits.....			26	5 00
Merchandise, not enumerated.....	60	12 00	105	21 00
Total, Class 4.....	415	83 00	1,092	218 40
<i>Class 5.</i>				
Barrels, Empty.....	1	0 20	3	0 60
Sawed Lumber, in Vessels.....	2,849	512 82	3,639	655 02
Square Timber do.....	3,227	484 05	1,574	236 10
do in Raft.....	3,250	731 25	1,149	258 50
Staves, Pipe.....	1,001	187 68	2,359	442 31
do West India.....	1,198	224 63	1,131	211 88
Woodenware.....	76	30 40	205	82 00
Total, Class 5.....	11,602	2,171 03	10,659	1,886 41
<i>Special Class.</i>				
Coal.....			75	15 00
Grand Total.....	169,213	33,693 23	198,835	39,641 61

OTTAWA, 16th December, 1882.

	\$ cts.
Amount of Tolls collected on the St. Lawrence Canals, during the Season of Navigation in 1882.....	76,957 97
Amount collected on the Welland Canal during the Season of Navigation in 1882	140,177 84
Total	<u>217,135 81</u>
Amount of Tolls collected on Through Freight from Montreal to Lake Erie.....	4,037 36
Amount of Tolls collected on Through Freight passed Eastward from Lake Erie to Montreal	39,641 61
Amount of Tolls collected on Freight passing Up the St. Lawrence Canals, from Montreal to Lake Ontario.....	15,450 67
Amount of Tolls on Vessels	4,740 14
do Passengers	497 20
Total Through Tolls Up	<u>5,147 34</u>
	20,598 01
Amount of Tolls collected on Freight passing Down from Lake Ontario to Montreal....	29,840 55
Amount of Tolls on Vessels	4,494 98
do Passengers	1,711 40
Total Through Tolls Down	<u>6,206 38</u>
Amount of Way Tolls, including Freight, Vessels and Passengers, Up and Down the St. Lawrence Canals.....	36,046 93
Amount of Tolls collected on Freight passing Up the Welland Canal from Lake Ontario to Lake Erie	35,480 23
Amount of Tolls on Vessels	5,531 97
do Passengers	11 10
Total Through Tolls Up	<u>5,542 07</u>
	41,031 30
Amount of Tolls collected on Freight passing Down the Welland Canal from Lake Erie to Lake Ontario	84,909 33
Amount of Tolls on Vessels	6,301 22
do Passengers	59 00
Total Through Tolls Down	<u>6,360 22</u>
	91,269 55
Amount of Way Tolls, including Freight, Vessels and Passengers, Up and Down, on the Welland Canal.....	7,876 99
The Through Tolls on the Welland Canal include Tolls on Coal, as follows, viz :—	
Up	29,767 00
Down	15,164 60
Total	<u>44,931 60</u>

OTTAWA, December, 1882.

i—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, to United States Ports, during the seasons of Navigation in 1881 and 1882.

ARTICLES.	1881.				1882.			
	Canadian to United States Ports.		United States to United States Ports.		Canadian to United States Ports.		United States to United States Ports.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class 3.</i>								
Bricks.....							3	0 60
Cement & Water Lime.....							2	0 40
Iron (all other).....		87	16 80				114	22 80
Apples.....							8	1 60
Barley.....							537	107 40
Corn.....		30,982	6,196 40				32,433	6,486 40
Flour.....							107	21 40
Meal (all kinds).....							5	1 00
Potatoes.....							1	0 20
Rye.....							684	136 80
Seeds (all kinds).....		16	3 20					
Wheat.....		33,445	6,689 00				30,227	6,045 40
Agricultural Products (vegetable).....		1	0 20				5	1 00
Horses.....							1	0 20
Meats (other than pork).....							1	0 20
Pork.....							1	0 20
Total, class 3.....		64,528	12,905 60				64,129	12,825 80
<i>Class 4.</i>								
Agricultural Implements.....		3	0 60					
Crockery and Earthenware.....		4	0 80				1	0 20
Furniture.....							15	3 00
Glass (all kinds).....		1	0 20				66	13 20
Nails.....		102	20 40				7	1 40
Oil (in barrels).....							995	199 00
Paint.....							3	0 60
Soda Ash.....							7	1 40
Steel.....							1	0 20
Stone, Wrought.....		12	2 40				33	6 60
White Lead.....		2	0 40				6	1 20
Whiskey, Beer and all other spirits.....							12	2 40
Merchandise (not enumerated).....		49	9 80				91	18 20
Total, class 4.....		173	34 60				1,237	247 40
<i>Class 5.</i>								
Lumber, Sawn (in vessels).....	98	17 64	30,462	5,483 16			34,182	6,152 76
Shingles.....							9	6 48
Woodenware.....							43	17 20
Total, class 5.....	98	17 64	30,462	5,483 16			34,234	6,176 44
<i>Special Class.</i>								
Coal.....			1,164	232 80			10,686	2,137 20
Grand Total.....	98	17 64	96,327	18,656 16			110,286	21,386 84

OTTAWA, December, 1882.

CANAL

COMPARATIVE STATEMENT for Years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1882.....			9 21	4,387 59	14,805 71
do 1883.....			25 00	4 50	24,301 38
Increase			15 79		3,495 67
Decrease				4,383 09	
St. Lawrence Canals, 1882.....			10 10	379 02	11,647 29
do 1883.....	1 25		2 00	45 05	15,114 84
Increase	1 25				3,467 55
Decrease	x		8 10	333 97	
Chambly Canal, 1882.....				15 51	3,431 59
do 1883.....				5 56	1,819 19
Increase					
Decrease				9 95	1,612 40
Rideau Canal, 1882.....					1,279 33
do 1883.....				50 00	995 72
Increase				50 00	
Decrease					283 61
Ottawa Canals, 1882.....				62 43	9,760 37
do 1883.....				17 90	9,218 14
Increase				44 53	542 23
Decrease				x	
Burlington Bay Canal, 1882				14 37	359 77
do 1883.....				8 06	271 98
Increase					
Decrease				6 31	87 79
St. Peter's Canal, 1882.....					42 88
do 1883.....	0 68			25 36	160 00
Increase	0 68			25 26	117 12
Decrease	x				
Newcastle District Canals, 1882.....				4 05	37 15
do 1883.....					15 00
Increase				4 05	22 15
Decrease					
Total Increase	1 93		7 69		10,532 16
Total Decrease				4,706 64	

REVENUE.

ended 31st December, 1882 and 1883.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
17,255 01	25,012 03	26,043 36	24,893 11	18,029 17	11,761 77	241 44	142,438 40
24,750 49	29,471 84	31,411 63	28,176 80	28,538 19	18,608 68	583 21	185,870 72
7,495 48	4,459 81	5,368 27	3,282 69	10,509 02	6,846 91	341 77	43,432 32
12,178 27	14,992 99	13,702 59	12,960 21	14,469 73	7,641 22	47 07	88,028 49
12,697 82	14,371 29	15,037 11	11,983 53	14,090 51	6,882 95	216 25	90,442 60
519 55		1,324 52				119 18	2,414 11
	621 70	3	976 68	379 22	758 27	6	
4,121 95	4,318 06	3,957 35	3,482 89	3,658 01	2,248 03		25,233 39
4,034 84	4,616 26	4,084 75	3,094 28	3,236 93	1,323 40		22,215 21
	298 20	127 40					
87 11			388 61	421 08	924 63		3,018 18
1,305 50	1,318 99	850 30	891 03	836 30	455 09	14 00	6,951 44
1,661 59	1,080 76	923 93	778 01	601 30	340 03	3 00	5,834 34
		73 63					
243 91	238 23		113 92	235 00	115 06	11 00	1,117 10
10,963 74	11,632 87	9,988 54	9,460 51	8,231 32	3,692 00		63,191 78
10,490 69	10,850 90	8,174 60	9,846 31	8,168 95	3,386 09		60,153 58
			385 80				
473 05	181 97	1,813 94		62 37	305 91		3,038 20
708 72	607 89	484 10	492 18	346 59	176 68	10 12	3,200 43
429 72	270 34	285 95	219 02	332 30	130 91	18 70	1,966 98
						8 58	
279 00	337 55	198 15	273 16	14 29	45 77		1,233 44
109 84	116 67	111 00	122 35	151 82	134 17	45 10	833 83
361 61	317 03	360 84	294 20	363 73	246 64	70 12	2,190 11
251 77	200 33	249 84	171 85	201 91	112 47	25 02	1,356 28
72 17	155 22	67 50	24 25	32 50	18 50		411 34
16 35	38 75	35 65	27 50	21 53	23 25		178 03
55 82	116 47	31 85		10 97			233 31
			3 25		4 75		
7,127 91	3,462 45	5,099 72	2,091 22	9,588 00	4,814 49	543 55	38,562 48

Total for the year 1882..... \$330,289 00
do 1883..... 368,851 57

COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lumber passed through the Canals during the Years ended 31st December, 1882 and 1883.

		VEGETABLE FOOD.							Lumber.	Total.
		Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	All other.		
		Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Welland Canal.....	{ 1882	12,261	215,056	54,797	20,126	611	3,226	426	49,761	356,264
	{ 1883	13,492	152,794	182,269	10,436	995	1,642	10,988	48,945	421,561
Increase, 1883.....		1,231	.....	127,472	.....	384	.....	10,562	.....	65,297
Decrease, 1883.....		.....	62,262	.....	9,690	.....	1,584	.....	816	.....
St. Lawrence Canals.....	{ 1882	20,830	207,479	20,713	6,075	10,549	4,016	37,014	63,123	369,800
	{ 1883	19,588	137,500	131,366	4,154	6,020	5,373	32,075	45,491	381,567
Increase, 1883.....		.....	.....	110,653	.....	.....	1,357	.....	.....	11,787
Decrease, 1883.....		1,242	69,979	.....	1,821	4,520	.....	4,939	17,642	.....
Chambly Canal.....	{ 1882	381	.....	.....	2,839	8,926	803	2,421	95,053	110,423
	{ 1883	702	.....	.....	2,425	2,242	.....	1,818	82,102	89,289
Increase, 1883.....		321	.....	.....	.....	.....	.....	.....	.....	.....
Decrease, 1883.....		.....	.....	.....	414	6,684	803	603	12,951	21,134
Rideau Canal.....	{ 1882	421	16	24	159	135	1,721	206	6,987	9,669
	{ 1883	251	127	18	7	345	1,613	154	12,510	15,025
Increase, 1883.....		.....	111	.....	.....	210	.....	.....	5,523	5,356
Decrease, 1883.....		170	.....	6	152	.....	108	52	.....	.....
Ottawa Canals.....	{ 1882	8	104	1	603	3,753	102	8,327	557,832	570,730
	{ 1883	35	91	.....	351	2,268	747	6,393	523,341	533,226
Increase, 1883.....		27	.....	1	252	1,485	.....	645	.....	.....
Decrease, 1883.....		.....	13	.....	.....	.....	1,934	34,491	.....	37,504

Burlington Bay Canal	{	1882	784	9,552	.....	288	.....	687	876	1,068	12,785
		1883	291	5,269	.....	862	.....	242	102	1,292	7,858
Increase, 1883.	.....					374	.....			224	.....
Decrease, 1883.	.....		493	4,283	.....		.....	426	274	.....	4,877
*St. Peter's Canal.....	{	1882	573	.....	.....	.....	.....	.....	.....	1,340	1,918
		1883	338	.....	.....	.....	.....	.....	.....	1,306	1,614
Increase, 1883.	.....									34	.....
Decrease, 1883.	.....		235	.....	.....	.....	.....	.....	.....	269	.....
Newcastle District Canals.....	{	1882	.....	.....	.....	.....	.....	.....	.....	696	696
		1883	.....	.....	.....	.....	.....	.....	.....	1,233	1,233
Increase, 1883.	.....									587	587
Decrease, 1883.	.....									.....	.....
Total Increase					238,118				2,760		18,178
Total Decrease			561	136,426		12,055	12,086	918		59,850	
					Total for 1882						1,432,230
					Total for 1883						1,451,403

CANAL STATISTICS

FOR

SEASON OF NAVIGATION,

1883.

SUPPLEMENTARY APPENDIX A.

No. A 22.—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 1883.

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. \$ cts.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Ashes, Pot and Pearl		6							5		11	11	2 05
Apples		340								340	340	340	9 72
Agricultural Products not enumerated, Vegetable			2	1,196	71	3			73	1,193	1,272	1,272	59 56
Agricultural Products not enumerated, Animal									6		6	6	1 20
Agricultural Implements		3								4		4	0 28
Barley			9,461	240			735		9,461	975	10,436	10,436	1,584 15
Bricks													
Bones													
Brimstone													
Cement and Water Lime	75		70		4				149		149	149	21 11
Clay, Lime and Sand	726	2,620							726	2,520	3,246	3,246	286 58
Cow	759				191,090	5,372	16,912	92,885	208,761	98,257	307,018	307,018	60,026 91
Corn	126	1,027				66,128		114,988	126	182,143	182,269	182,269	36,410 08
Cattle													
Cotton, Raw													
Crockery and Earthenware	40						1		40	1	41	41	5 42
Dye Wood and Dye Stuffs					158				158		158	158	23 70
Fish					887	1			887	1	888	888	133 25
Flax and Hemp													
Flour	215	8,592				2,041		2,623	215	13,256	13,471	13,471	1,158 86
Furniture	4		4		66	25		15	64		40	40	17 53
Gypsum		688		462						1,150	1,150	1,150	23 74
Glass, all kinds	16								10	16	10	10	2 32
Hay, Pressed	26								26		26	26	3 90
Hogs													
Horses	12				6	6		2	18	8	26	26	4 30
Hides and Skins, Horns and Hoofs			10				60		41		111	111	22 20

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 22.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Boat Knees.....													
Floats.....													
Fire Wood, in Vessels.....	5,451	27,337	4,353	717					150	9,804	28,204	38,008	1,631 76
" Rafts.....													
Hoops.....								26				26	6 50
Hop Poles.....													
Lumber, Sawn, in Vessels	5,094	3,169			556		34,189		5,578	5,094	43,492	48,586	7,994 85
" Rafts.....	14	27							14	27		41	1 74
Masts, Spars and Telegraph poles, in Vessels.....													
Masts, Spars and Telegraph poles, in Rafts.....	14	21							14	21		35	2 38
Railway Ties, in Vessels.....	287	728	94	20			488		849	748	1,597	1,684	41
" Rafts.....				131							131	131	20 72
Saw-logs.....	669	5,452			4,156			2,204		2,873	9,608	12,481	396 83
Staves and Headings, barrel " " pipe.....					130				31		161	161	13 33
" " W. India.....			1						4,761		4,762	4,762	890 08
Staves, salt barrel.....								25		2,396		2,397	2,397
Shingles.....								9			25	25	4 00
Split Posts and Fence Rails, in Vessels.....									1		9	9	6 00
Split Posts and Fence Rails, Rafts.....			2								3	3	59
Timber square, in Vessels.....		14,644							58,885		73,529	73,529	11,015 10
" Rafts.....	38	3,504								38	3,504	3,542	789 33
Traverses.....													
Woodenware and wood part- ly manufactured.....	84	252			257	30		175	341	457	798	251 65	
Total Freight paying Tolls.	34,164	81,080	28,528	7,519	257,699	174,912	19,845	370,041	340,236	633,552	973,788	165,412	37

*Free Articles having paid full
Tolls on the St. Lawrence
Canals.*

Agricultural Products, not enumerated, Animal.....	18									18		18
Agricultural Products, not enumerated, Vegetable	7									7		7
Bricks.....	48		30							78		78
Cement and Water Lime.....	347		161							508		508
Clay, Lime and Sand.....			56							56		56
Coal.....	40									40		40
Crockery and Earthenware.....	43		94							137		137
Dye Woods and Dye Stuffs.....	2									2		2
Flour.....			21							21		21
Furniture.....	4									4		4
Glass, all kinds.....	121		35							156		156
Iron, Railway.....	8,613		112							8,725		8,725
do Pig.....	932		1,528							2,460		2,460
do all other.....	384		144							528		528
Manilla.....	1		4							5		5
Meals, all kinds.....	5									5		5
Molasses.....	3									3		3
Nails.....	746		339							1,085		1,085
Oats.....	128		136							264		264
Oil (in barrels).....	84		38							122		122
Paint.....	73		30							103		103
Pitch and Tar.....	37		13							50		50
Rosin.....	21									21		21
Salt.....	445		4,879							5,324		5,324
Soda Ash.....	163		1,638							1,801		1,801
Spirits, Beer, &c.....	137		654							791		791
Sugar.....	281		94							375		375
Steal.....	2		1							3		3
Stone, wrought.....	2									2		2
Tin.....	231		1,438							1,669		1,669
Turpentine.....			1							1		1
Whiting.....	19									19		19
All other Goods and Mer- chandise not enumerated.....	1,171		1,437							2,608		2,608
Barrels, Empty.....	95		84							179		179
Lumber, Sawn, in Vessels.....	223		95							318		318
<i>Free Articles, having paid Toll on Rideau Canal.</i>												
Iron Ore.....			454							454		454
Timber passed free from Welland to Port Robinson.....			3,426							3,426		3,426
Grand Total.....	48,590	84,506	42,044	7,519	257,699	174,912	19,815	370,041	368,178	636,978	1,005,156	

SUPPLEMENTARY APPENDIX A.—*Continued.*

No. (A) 22.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—*Concluded.*

	\$ cts.
Total Tolls on Vessels.....	16,533 48
" Passengers.....	114 87
" Free Goods.....	\$4,316 93
Fines and Damages.....	3,810 00
Total Revenue.....	185,870 72

E MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884

SUPPLEMENTARY APPENDIX A.—Continued

No. (A) 23.—GENERAL STATEMENT shewing the Quantity of each Article of Through Freight transported on the Welland Canal, and the Amount of Tolls Collected thereon during the Season of Navigation in 1883.

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 Toll Up.	Amount of Tolls Down.	Total Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.					
Ashes, Pot and Pearl.....											\$ cts.	\$ cts.	\$ cts.		
Apples.....													1 00	1 00	
Agricultural Products not enumerated, Vegetable.....			2		71	3			5		5				
Agricultural Products not enumerated, Animal.....									6		76	10 95	0 60	11 55	
Agricultural Implements.....									1		6		1 20	1 20	
Barley.....			9,461				735			9,461	735	10,196	1,419 15	0 20	0 20
Bricks.....													147 00	1,566 15	
Bones.....															
Brimstone.....															
Cement and Water Lime.....	70		27		4				101		101	15 15		15 15	
Clay, Lime and Sand.....															
Coal.....	759				191,090	5,372	9,968	89,344	201,817	94,716	296,533	40,363 40	18,943 20	59,306 60	
Corn.....			1,027			66,128		114,979		182,134	182,134			36,426 80	36,426 80
Cattle.....															
Cotton, Raw.....															
Crockery and Earthenware.....	34					1			34	1	35	5 10	0 20	5 30	
Dye Wood and Dye Stuffs.....					158				158		158	23 70		23 70	
Fish.....					887	1			887	1	888	133 05	0 20	133 25	
Flax and Hemp.....															
Flour.....		42		4		2,041		2,621		4,704	4,701		940 80	940 80	
Furniture.....	4			4		56	25		14	64	39	103	9 60	7 80	17 40
Gypsum.....															
Glass, all kinds.....									10		10		2 00	2 00	
Hay, Pressed.....	26								26		26	3 90		3 90	
Hogs.....															
Horses.....	12				6	6		2	18	8	26	2 70	1 60	4 30	

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 23—GENERAL STATEMENT showing the Quantity of each Article of Through Freight, &c.—Continued.

Articles.	From Canadian to Canadian Ports		From Canadian to United States Ports		From United States to United States Ports		From United States to Canadian Ports		Tons.		Total Tons.	Amount of Tolls Up.	Amount of Tolls Down.	Total Amount of Tolls.	
	Up	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.					
Hides and Skins, Horns and Hoofs		10					60		41		111	111	\$ cts.	\$ cts.	
Ice													22 20	22 20	
Iron, Railway	28				1,067	142			1,095	142	1,237	164 25	28 40	192 65	
“ Pig															
“ All other	442	4	299		6,811	90			40	7,552	134	7,686	1,132 80	26 80	1,159 60
Iron Ore			6,440		24,891				31,331		31,331	1,566 55		1,566 55	
Kryolite, Chemical Ore and other Ore, except iron															
Lard and Lard Oil							5		7		12	12	2 40	2 40	
Meat, all kinds	9	8	3				8,579		1,318	12	9,905	9,917	1 80	1,981 00	
Ments, other than Pork		2					12				14		2 80	2 80	
Marble	4				2,881					2,885		2,885	432 75		432 75
Manilla							20	4		20	4	24	3 00	0 80	3 80
Molasses	58				35	1			47	98	48	141	13 95	9 60	23 55
Nails			11				51			11	51	62	1 65	10 20	11 85
Oats							731				731	731		146 20	146 20
Oil, in Barrels	41		12		89	206			300	112	506	618	16 80	101 20	118 00
Oil Cake							1				1	1		0 20	0 20
Pease		726									726	726		145 20	145 20
Potatoes															
Pork	3						163		225	3	388	391	0 45	77 60	78 05
Paint	5				408	6				413	6	419	61 95	1 20	63 15
Pitch and Tar															
Rags					153	271				153	271	424	22 95	54 20	77 15
Rye	1,124								518	1,124	518	1,642	168 60	103 60	272 20
Rosin															
Salt			58				8			58	8	66	8 70	1 60	10 30
Stone intended for Cutting					1,185	38			2,584	1,185	2,622	3,807	177 75	524 40	702 15
“ wrought						87			622		709	709		141 80	141 80
“ not suitable for Cutting, unwrought					4,644	662				4,644	664	4,644	464 25		464 25
Seeds, all kinds							2			684	664			132 80	132 80

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 23.—GENERAL STATEMENT showing the Quantity of each Article transported, &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.	Amount of Tolls Up.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
<i>Free Articles having paid Full Tolls on the St. Lawrence Canals.</i>														
Agricultural Products not enumerated, Animal.....	18										18		18	
Agricultural Products not enumerated, Vegetable...	7										7		7	
Bricks	48		30								78		78	
Cement and Water Lime..	317		161								508		508	
Clay, Lime and Sand....			56								56		56	
Coal	40										40		40	
Crockery and Earthenware	43		94								137		137	
Dye Woods and Dye Stuffs	2										2		2	
Flour			21								21		21	
Furniture	4										4		4	
Glass, all kinds	121		35								156		156	
Iron, Railway	8,613		1,2								8,725		8,725	
“ Pig	932		1,528								2,460		2,460	
“ all other	384		144								528		528	
Manilla	1		4								5		5	
Meals, all kinds	5										5		5	
Molasses	3										3		3	
Nails	746		339								1,085		1,085	
Oats.....	128		136								264		264	
Oil, in barrels.....	84		38								122		122	
Paint	73		30								103		103	
Pitch	37		13								50		50	
Rosin	21										21		21	
Salt.....	445		4,879								5,324		5,324	
Soda Ash.....	163		1,638								1,801		1,801	
Spirits, Beer, &c.....	137		654								791		791	

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E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 24.—GENERAL STATEMENT, showing the Quantity of each Article of Way Freight Transported on the Welland Canal and the Amount of Tolls collected thereon during the Season of Navigation in 1883.

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.....		6								6	6	1 05
Apples.....		340								340	340	9 72
Agricultural Products not enu- merated, Vegetable.....					1,196					1,196	1,196	48 01
Agricultural Products not enu- merated, Animal.....										3	3	0 08
Agricultural Implements.....		3			240					240	240	18 00
Barley.....												
Bricks.....												
Bones.....												
Brimstone.....												
Cement and Water Lime.....		5		43						48	48	5 96
Clay, Lime and Sand.....	726		2,520							726	2,520	286 58
Coal.....							6,944	3,541	6,944	3,541	10,485	720 31
Corn.....	126							9	126	9	135	13 28
Cattle.....												
Cotton, Raw.....												
Crockery and Earthenware.....		6								6	6	0 12
Dye Wood and Dye Stuffs.....												
Fish.....												
Flax and Hemp.....												
Flour.....	215	8,550							2	215	8,552	8,767 218 06
Furniture.....									1		1	0 13
Gypsum.....			688		482						1,150	1,150 23 74
Glass, all kinds.....		16								16		0 32
Hay, Pressed.....												
Hogs.....												
Horses.....												
Hides and Skins, Horns and Hoofs.....												

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 24.—GENERAL STATEMENT, showing the Quantity of each Article of way Freight Transported, &c.—Con.

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.		
Boat Knees.....												
Floats.....												
Firewood, in Vessels.....	5,451	26,557	3,267	717					8,718	27,274	35,992	1,497 36
" Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, sawn, in Vessels.....	4,685	1,644		13					4,685	1,657	6,342	396 64
" Rafts.....	14	27							14	27	41	1 74
Masts, Spars and Telegraph Poles in Vessels.....												
Easts, Spars and Telegraph Poles in Rafts.....	14	21							14	21	35	2 38
Railway Ties, in Vessels.....	106	728		20			488		594	748	1,342	127 66
" Rafts.....		131								131	131	20 72
Sawlogs.....	669	5,452		4,156			2,204		2,873	9,608	12,481	396 83
Staves and Headings, barrel.....				130						130	130	8 50
" " pipe.....												
" " West India.....												
Staves, salt barrel.....												
Shingles.....												
Split Posts and Fence Rails, in Vessels.....		2								2	2	0 50
Split Posts and Fence Rails, in Rafts.....												
Timber, square, in Vessels.....		102								102	102	7 65
" Rafts.....	38								38		38	1 09
Traverses.....												
Woodenware and Wood, partly manufactured.....		193								193	193	9 65
Total Freight paying Tolls.....	30,083	50,887	10,963	6,976			9,858	12,819	50,904	70,682	121,586	7,299 09

Timber passed Free from Wel-										
land to Port Robinson.....	3,426									
Grand Total Freight.....	30,083	54,313	10,963	6,976			9,858	12,819	50,904	74,108

Total Way Tolls on Vessels.....										1,730 33
do do Passengers.....										10 37
do do Free Goods.....										\$164 31
Total Way Tolls.....										9,039 79

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 25.—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 1883.

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. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl	356	483	.....	.....	19	.....	.....	15	375	498	873	115 75
Apples	27	1,750	.....	.....	.....	.....	.....	27	.....	1,750	1,777	242 04
Agricultural Products, not enumerated, Vegetable	4,898	1,918	.....	.....	.....	.....	.....	2	4,898	1,918	6,816	342 68
Agricultural Products not enumerated, Animal	156	986	.....	370	10	.....	.....	327	166	1,683	1,849	235 31
Agricultural Implements	484	76	.....	.....	.....	.....	.....	.....	484	76	560	50 65
Barley	198	3,803	.....	153	.....	.....	.....	.....	198	3,956	4,154	420 49
Bricks	2,070	414	30	.....	.....	.....	231	.....	2,331	414	2,745	235 15
Bones	50	735	.....	304	.....	.....	68	5	118	1,044	1,162	88 67
Brinstone .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cement and Water Lime	1,495	5	161	.....	.....	.....	.....	.....	1,656	5	1,661	232 00
Clay, Lime and Sand	4,631	2,882	66	414	.....	.....	2,745	305	7,432	3,601	11,033	451 15
Coal	40	27,700	.....	253	.....	514	.....	105,128	40	133,596	133,636	18,688 07
Corn	287	21,530	.....	.....	58	.....	.....	.....	287	21,888	22,175	2,139 66
Cattle	61	820	.....	.....	.....	.....	.....	.....	61	820	881	57 63
Cotton, Raw .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crockery and Earthenware	1,036	21	74	.....	.....	.....	.....	.....	1,110	21	1,131	190 07
Dye Wood and Dye Stuffs	170	.....	2	.....	.....	.....	264	.....	436	.....	426	28 61
Fish	517	43	.....	.....	.....	.....	.....	.....	547	43	593	70 03
Flax and Hemp .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour	11,49	13,275	.....	.....	75	.....	.....	1,149	13,350	14,499	2,061 71	.....
Furniture	566	756	.....	.....	.....	.....	1	566	757	1,323	170 48	.....
Gypsum	2,858	201	.....	.....	.....	.....	.....	2,858	301	3,159	68 71	.....
Glass, all kinds	1,058	221	53	.....	.....	.....	.....	.....	1,111	221	1,332	257 85
Hay, Presed	1,074	80	27	.....	288	.....	16	1,389	96	1,485	104 42	.....
Hogs	8	206	.....	.....	.....	.....	.....	8	206	214	16 51	.....
Horses	88	278	.....	3	.....	.....	.....	91	278	369	27 09	.....
Hides and Skins, Horns and Hoofs	5	38	.....	3	.....	.....	.....	8	38	46	5 46	.....

Ice	24,773	548	113					24,885	548	25,433	3,744 00
Iron, Railway	7,130	59	1,528					8,758	59	8,817	1,288 47
" Pig	5,847	709	143					5,990	711	6,701	792 29
Iron Ore											
Kryolite Chemical Ore and other Ore, except Iron	1	1,973						1	1,973	1,974	98 70
Lard and Lard Oil	35	93						35	93	123	8 73
Meal, all kinds	62	1,371						62	1,371	1,433	57 44
Meats, other than Pork	34	135		2		5		34	142	176	14 20
Marble	43	96						43	95	138	27 38
Manilla	59		3					62		62	12 39
Molasses	735	94					1,428	2,161	94	2,255	167 90
Nails	3,985	303	339					4,324	303	4,627	833 71
Oats	2,213	3,671	136					2,349	3,671	6,020	368 16
Oil (in barrels)	1,438	267	28		11	55	603	2,080	322	2,402	272 62
Oil Cake	6							6		6	0 38
Pease	555	26,104						555	26,104	26,659	2,359 73
Potatoes	22	255			15			37	255	292	16 06
Pork	148	305						149	305	453	29 17
Paint	517	132	21				62	600	132	732	114 50
Pitch and Tar	192	246	13				1,505	1,710	246	1,956	137 59
Rags	1,226	87					65	1,291	87	1,378	144 85
Rye		4,855							4,855	4,855	568 46
Rosin	100	30					1,343	1,443	30	1,473	86 68
Salt	5,378	9	4,378		21	38		9,792	30	9,821	1,273 06
Stone intended for Cutting	587	1,360					132	928	719	2,283	3,007
" wrought	591	2						2	591	4	595
" not suitable for Cut- ting, unwrought	900	9,380						900	9,380	10,280	205 80
Seeds, all kinds	61	255						63	255	318	19 81
Sheep	13	631						13	631	544	40 60
Sheep skin	934		1,638					2,572		2,572	506 90
Sheep	85	63						86	63	139	17 29
Sugar	5,281	21	87				800	6,168	21	6,189	1,021 99
Pass Beer &c	1,657	189	493					2,150	189	2,330	359 57
Indigo or Raw		7							7	7	0 60
Tallow	8	23					72	80	23	103	6 46
Tin	1,120	72	1,438					2,558	72	2,630	513 52
Purpentine	66	18					651	717	18	735	41 83
Wheat	412	60,666			13			442	60,679	61,121	7,821 89
White Lead	224							224		224	38 05
Whiting	363	10					11	314	10	324	60 03
Wool	159	7		2				161	7	168	23 98
All other Goods and Mer- chandise not enumerated	14,204	4,169	1,311		974	743		16,489	4,912	21,401	2,846 93
Total Supply	137	53	78		33			248	59	307	44 76

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 25.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees.....												\$ cts.
Floats.....	80	3,906							80	3,906	3,986	69 78
Firewood, in Vessels.....	6,570	24,477	678		45				7,293	24,477	31,770	849 89
" Rafts.....		345								345	345	7 19
Hoops.....					33				7	33	7	5 05
Hop Poles.....			534							534	534	26 00
Lumber, Sawn, in Vessels.....	15,473	12,714	364	9,757	26	71	4		15,866	22,542	38,408	2,402 53
" Rafts.....		772								772	772	20 38
Masts, Spars, and Telegraph Poles, in Vessels.....												
Masts, Spars, and Telegraph Poles, in Rafts.....		11,120								11,120	11,120	278 00
Railway Ties, in Vessels.....	1,427	65							1,427	65	1,427	62 09
" Rafts.....												
Saw Logs.....		18,342								18,342	18,342	419 18
Staves and Headings, Barrel, " " Pipe.....	24	187		343					367	187	554	27 53
" " W. India.....		264								264	264	30 90
Staves, Salt Encrusted.....		4	340							4	34	50 52
Shingles.....	132	18							61		64	1 23
Split Posts and Fence Rails, in Vessels.....					64				132	18	150	29 45
Split Posts and Fence Rails in Rafts.....												
Timber, Square, in Vessels.....	1,708	836	20						20	1,728	856	2,584
" Rafts.....		11,144								20	11,144	11,164
Traverses.....		9,378									9,378	9,378
Woodenware and Wood, partly manufactured.....	220	292			8					228	292	520
Total Freight paying Tolls	130,344	230,973	11,743	10,252	1,870	1,522	10,017	10,768	155,980	410,540	566,523	57,454 45

*Free Articles having paid full
Tolls on the Welland Canal.*

Ashes	3									3	3
Corn	108,951							240		109,191	109,191
Flour	4,854							235		5,089	5,089
Furniture	6									6	6
Glass, all kinds	1									1	1
Hides and Skins, Horns and Hoofs	77									77	77
Iron, Pig											
" all other	5									5	5
Lard and Lard Oil	6									6	6
Meals, all kinds	639							549		1,188	1,188
Molasses	43									43	43
Pease	726									726	726
Pork	212									212	212
Rye	518									518	518
Seeds, all kinds	2									2	2
Steel	1									1	1
Stone, Wrought	269									269	269
Sugar	2									2	2
Wheat	76,379									76,379	76,379
Whiskey, Beer and all other Spirits	35									35	35
Merchandise not enumerated	52									52	52
Lumber, Sawn, in Vessels	6,311									6,311	6,311
Staves, Pipe	2,024									2,024	2,024
" West India	451									451	451
Timber, Square, in Vessels	290									290	290
" " Rafts	2,314									2,314	2,314
Woodenware	199									199	199
Coal, Free, per Order in Council	40,256		269				43,282		83,907		83,907
Kryolite, Free, having paid full Toll on the Rideau Canal		962								962	962
Grand Total Freight ..	170,700	496,305	14,015	11,253	1,876	4,556	53,200	107,782	239,890	616,896	656,786

SUPPLEMENTARY APPENDIX A—*Continued.*

No. (A) 25—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—*Concluded.*

	\$ cts.
Total Tolls on Vessels.....	15,699 29
" Passengers.....	2,715 44
Free Goods.....	\$34,523 22
Fines and Damages.....	899 20
Wharfage and Storage.....	7,593 47
Winterage, Basin Dues and other Receipts.....	6,080 75
 Total Revenue, exclusive of Hydraulic Rents.....	 \$90,442 60

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 26—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 1883.

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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 Port.		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 or Pearl.....	6	316	.....	.....	.....	.....	6	346	352	\$ 1 20	69 20	\$ 70 40	.....	.....
Apples.....	4	1,510	.....	.....	.....	.....	4	1,510	1,514	0 60	226 50	227 10	.....	.....
Agricultural products not enumerated, Vegetable.....	372	39	.....	.....	.....	.....	372	39	411	55 80	5 85	61 65	.....	.....
Agricultural products not enumerated, Animal.....	34	680	.....	.....	.....	.....	34	680	714	5 10	102 00	107 10	.....	.....
Agricultural Implements.....	.....	62	.....	.....	.....	.....	.....	62	62	.....	12 40	12 40	.....	.....
Barley.....	.....	1,669	.....	.....	.....	.....	.....	1,669	1,669	.....	250 35	250 35	.....	.....
Bricks.....	756	30	.....	.....	.....	.....	786	786	117 90	.....	.....	117 90	.....	.....
Bones.....	.....	59	.....	.....	.....	.....	5	64	64	.....	9 60	9 60	.....	.....
Brimstone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cement and Water Lime.....	1,319	1	1-1	.....	.....	.....	1,480	1	1,481	222 00	0 15	222 15	.....	.....
Clay, Lime and Sand.....	41	1	56	.....	.....	.....	97	1	98	14 55	0 15	14 70	.....	.....
Coal.....	40	26,052	.....	.....	.....	89,299	40	116,257	116,297	8 00	17,438 55	17,446 55	.....	.....
Corn.....	.....	11,341	.....	.....	.....	.....	.....	11,341	11,341	.....	1,701 15	1,701 15	.....	.....
Cattle.....	.....	18	.....	.....	.....	.....	.....	18	18	.....	2 70	2 70	.....	.....
Cotton, Raw.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crockery and Earthenware.....	758	21	71	.....	.....	.....	830	21	851	166 00	4 30	170 20	.....	.....
Dye Wood and Dye Stuffs.....	107	.....	2	.....	.....	.....	109	.....	109	21 80	.....	21 80	.....	.....
Fish.....	337	34	.....	.....	.....	.....	337	34	371	50 55	5 10	55 65	.....	.....
Flax and Hemp.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour.....	45	13,104	.....	.....	.....	.....	45	13,104	13,149	6 75	1,965 60	1,972 35	.....	.....
Furniture.....	12	47	.....	.....	.....	1	125	480	605	23 00	96 00	121 00	.....	.....
Gypsum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glass, all kinds.....	1,018	184	53	.....	.....	.....	1,071	184	1,255	214 20	36 80	231 00	.....	.....
Hay, Pressed.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hogs.....	.....	11	.....	.....	.....	.....	.....	11	11	.....	1 65	1 65	.....	.....
Horses.....	17	49	.....	.....	.....	.....	17	49	68	2 55	7 35	9 90	.....	.....
Hides and Skins, Horns and Hoofs.....	1	26	.....	.....	.....	.....	1	26	27	0 15	3 90	4 0	.....	.....

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, &c.—Continued.

Articles	From Canadian to Canadian Ports		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports		Tons.		Total Tons.	Amount of Tolls Up.	Amount of Tolls Down.	Total Amount of Tolls
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ice												\$ cts	\$ cts	\$ cts
Iron, Railways	2,457	233	112	.....	.....	.....	.....	.....	2,659	233	21,802	3,685 33	34 95	3,720 30
" Pig	6,750	.....	1,523	.....	.....	.....	.....	.....	8,278	.....	8,278	1,241 70	.....	1,241 70
" all other	4,086	354	143	.....	.....	.....	.....	.....	4,149	354	4,503	622 35	53 10	675 45
Iron Ore														
Kryolite, Chemical Ore and other Ore, except Iron		1,972	.....	.....	.....	.....	.....	.....	1,972	1,972	.....	98 60	98 60	98 60
Lard and Lard Oil		14	.....	.....	.....	.....	.....	.....	14	14	.....	2 10	2 10	2 10
Meat, all kinds	6	.....	.....	.....	.....	.....	.....	.....	6	6	0 90	.....	0 90	0 90
Meats, other than Pork		47	.....	.....	.....	.....	.....	.....	47	47	.....	7 05	7 05	7 05
Marble	116	.....	.....	.....	.....	.....	.....	.....	116	.....	116	23 20	.....	23 20
Manilla	68	.....	3	.....	.....	.....	.....	.....	61	.....	61	12 20	.....	12 20
Molasses	238	.....	.....	.....	.....	.....	.....	.....	288	.....	288	57 60	.....	57 60
Nails	3,476	13	339	.....	.....	.....	.....	.....	3,815	13	3,823	763 00	2 60	765 60
Oats	290	177	136	.....	.....	.....	.....	.....	336	177	513	50 40	26 55	76 95
Oil, in Barrels	731	150	28	.....	.....	.....	.....	.....	753	150	918	151 80	31 80	183 60
Oil Cake														
Pease		10,885	.....	.....	.....	.....	.....	.....	10,885	10,885	.....	1,632 75	1,632 75	1,632 75
Potatoes	7	2	.....	.....	.....	.....	.....	.....	7	2	9	1 05	0 30	1 35
Pork		34	.....	.....	.....	.....	.....	.....	31	31	.....	5 10	5 10	5 10
Paint	462	29	21	.....	.....	.....	.....	.....	453	29	512	96 60	5 80	102 40
Pitch and Tar	153	98	13	.....	.....	.....	.....	.....	166	98	284	33 20	19 60	52 80
Rags	85	62	.....	.....	.....	.....	.....	.....	85	62	147	17 00	12 40	29 40
Rye		3,423	.....	.....	.....	.....	.....	.....	3,423	3,423	.....	513 45	513 45	513 45
Rosin	83	.....	.....	.....	.....	.....	.....	.....	83	.....	83	16 60	.....	16 60
Salt	2,571	.....	4,378	.....	.....	.....	.....	.....	6,949	.....	6,949	1,012 35	.....	1,042 35
Stone intended for Cutting	1	.....	.....	.....	.....	.....	.....	.....	928	1	929	0 15	139 20	139 35
" wrought	10	2	.....	.....	.....	.....	.....	.....	2	10	4	2 00	0 80	2 80
" not suitable for Cutting unwrought														
Seeds, all kinds	31	21	.....	.....	.....	.....	.....	.....	31	21	520	4 65	3 15	7 80

Sheep.....	2	50						2	50	52	0 30	7 60	7 80	
Soda Ash.....	884		1,638					2,622		2,521	504 40		504 40	
Steel.....	62		1					63		63	12 60		12 60	
Sugar.....	4,474	7	87					4,561	7	4,568	912 20	1 40	918 60	
Spirits, Beer, &c.....	910	130	493					1,403	130	1,530	280 60	26 00	306 60	
Tobacco, Raw.....		3							3	3		0 45	0 45	
Tallow.....		23							23	23		3 45	3 45	
Tin.....	1,086		1,438					2,524		2,521	504 80		504 80	
Turpentine.....	32							32		32	6 40		6 40	
Wheat.....		49,059							49,059	49,059		7,358 85	7,358 85	
White Lead.....	156							156		156	31 20		31 20	
Whiting.....	289							289		289	57 80		57 80	
Wool.....	147	7						147	7	154	22 03	1 03	23 10	
All other Goods and Merchandise not enumerated	6,400	2,243	1,311					7,711	2,243	9,934	1,542 20	448 60	1,990 80	
Bark.....														
Barrels, Empty.....	105	4	78					183	4	187	35 56	0 70	36 26	
Boat Kneec.....														
Floats.....														
Firewood, in Vessels.....		1,296							1,296	1,296		86 40	86 40	
" Rafts.....														
Hoops.....														
Hop Poles.....														
Lumber, sawn, in Vessels.....	251	619	132	9,378				383	9,997	10,380	34 20	1,460 90	1,495 10	
" " 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, Brl.....		144							144	144		11 70	11 70	
" " Pipe.....		248							248	248		30 40	30 40	
" " W. India.....	4	324						4	324	328	0 54	49 38	49 92	
Staves, Salt Barrel.....														
Shingles.....	1							1		1	0 30		0 30	
Split Posts and Fence Rails, in Vessels.....														
Split Posts and Fence Rails, in Rafts.....														
Timber, Square, in Vessels.....	1,568	794						1,568	794	2,362	78 40	39 64	118 64	
" " Rafts.....														
Traverses.....														
Woodenware and Wood, partly manufactured.....	116	289						116	289	405	46 40	115 60	162 00	
Total Freight paying Tolls	64,956	129,357	12,255	9,378				90,235	77,211	228,970	206,181	12,804 20	34,170 52	46,974 72

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up.	Amount of Tolls Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
<i>Free Articles having paid full Toll on the Welland Canal.</i>												\$ cts	\$ cts	\$ cts
Ashes.....		3							3	3				
Corn.....	108,951						240		109,191	109,191				
Flour.....	4,854						235		5,089	5,039				
Furniture.....	6								6	6				
Glass, all kinds.....	1								1	1				
Hides and Skins, Horns and Hoofs.....	77								77	77				
Iron, Pig.....														
" All other.....	5								5	5				
Lard and Lard Oil.....	6								6	6				
Meals, all kinds.....	639						549		1,188	1,188				
Molasses.....	43								43	43				
Pease.....	726								726	726				
Pork.....	212								212	212				
Rye.....	518								518	518				
Seeds, all kinds.....	2								2	2				
Steel.....	1								1	1				
Stone, Wrought.....	269								269	269				
Sugar.....	2								2	2				
Wheat.....	76,379								76,379	76,379				
Whiskey, Beer and all other Spirits.....	35								35	35				
Merchandise not enumerated.....	52								52	52				
Lumber, sawn, in Vessels.....	6,311								6,311	6,311				
Staves, Pipe.....	2,024								2,024	2,024				

West India.....	451								451	451
Timber, Square, in Vessels.	290								290	290
" " Rafts..	2,314								2,314	2,314
Woodenware.....	199								199	199
Coal, Free, per Order in Council.....	2,932		10					2,942		2,942
Fryolite, Free, having paid full Toll on Rideau Canal	962							962		962
Grand Total, Thro' Freight	67,888	334,639	12,265	9,378			91,259	80,153	435,326	515,470

E. MIAALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884

SUPPLEMENTARY APPENDIX A—*Continued.*

No. (A) 27.—GENERAL STATEMENT, showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Season of Navigation in 1883.

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. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	350	137			19			15	369	152	521	45 35
Apples.....	23	249						23	240	263		14 94
Agricultural Products not enumerated, Vegetable.....	4,526	1,877						2	4,526	1,879	6,405	291 03
Agricultural Products not enumerated, Animal.....	122	306			370	10		227	132	1,003	1,135	128 21
Agricultural Implements.....	484	14							484	14	498	33 25
Barley.....	198	2,134			153				198	2,287	2,485	170 05
Bricks.....	1,314	414						231		1,545	414	1,959
Bones.....	50	678			304			63		118	980	1,098
Brimstone.....												
Cement and Water Lime.....	176	4							176	4	180	9 85
Clay, Linne and Sand.....	4,590	2,881			414			2,745	305	3,600	10,935	436 45
Coal.....					742	253		515	15,829		17,339	1,341 52
Corn.....	287	10,489						53		287	10,547	10,834
Cattle.....	61	802								61	802	863
Cotton, Raw.....												
Crockery and Earthenware.....	280								280		280	19 87
Dye Wood and Dye Stuffs.....	63								325		327	16 81
Fish.....	210	9							210	9	219	14 33
Flax and Hemp.....												
Flour.....	1,104	171				73			1,104	246	1,350	89 36
Furniture.....	441	277							441	277	718	40 43
Gypsum.....	2,858	301							2,858	301	3,159	68 71
Glass, all kinds.....	40	37							40	37	77	6 85
Hay, Pressed.....	1,074	80	27		288			16	1,369	96	1,485	104 42
Hogs.....	8	195								8	195	203
Horses.....	71	229			3					74	229	303
Hides and Skins, Horns and Hoofs.....	4	12			3					7	12	19
Ice.....												

Iron, Railway	316	315					316	315	341	23 70
" Pig	480	59					480	59	539	46 77
" all other	1,841	333				2	1,841	337	2,198	116 84
Iron Ore										
Kryolite Chemical Ore and other Ore, except Iron	1	1					1	1	2	0 10
Lard and Lard Oil	35	79					36	79	114	6 63
Meal, all kinds	56	1,371					56	1,371	1,427	56 51
Meats, other than Pork	34	88	2		5		34	93	129	7 15
Marble	22						22		22	4 18
Manilla	1						1		1	0 19
Molasses	418	94				1,425	1,873	94	1,967	110 30
Nails	569	200					569	200	798	68 11
Oats	2,013	3,494					2,013	3,494	5,567	291 21
Oil, in barrels	707	108		11	55	693	1,321	163	1,484	89 02
Oil Cake	6						6		6	0 36
Pease	553	15,219					555	15,219	15,774	726 98
Potatoes	15	253		15			30	253	283	14 71
Pork	148	271					148	271	419	21 07
Paint	55	103				62	117	163	220	12 19
Pitch and Tar	39	143				1,503	1,544	143	1,692	84 79
Rags	1,141	25				65	1,206	25	1,231	115 45
Rye		1,432						1,432	1,432	55 01
Rosin	17	30				1,343	1,330	30	1,390	70 08
Salt	2,857	9			21	36	2,843	30	2,873	230 71
Stone intended for Cutting,	556	1,360				132	718	1,360	2,078	83 79
" wrought	581						581		581	31 60
" not suitable for Cutting, unwrought	900	9,380					900	9,380	10,280	205 80
Seeds, all kinds	32	234					32	234	293	12 01
Sheep	11	481					11	481	492	32 80
Soda Ash	50						50		50	2 50
Steel	23	53					23	53	76	4 69
Sugar	807	14				800	1,607	14	1,621	108 39
Spirits, Beer, &c.	747	50					747	50	797	52 97
Tobacco, Raw		4						4	4	0 15
Tallow	8					72	80		80	3 01
Tin	34	72					34	72	106	8 72
Turpentine	34	18				631	636	18	703	35 43
Wheat	412	14,607		13			442	11,620	12,062	473 04
White Lead	68						68		68	6 85
Whiting	14	10				11	25	10	35	2 23
Wool	12			2			14		14	0 83
All other Goods and Merchandise not enumerated	7,804	1,926		974	740		8,773	2,609	11,417	856 16
Bark										
Barrels, Empty	32	55					65	55	120	8 50
Bout Knees										

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 27.—GENERAL STATEMENT, showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.....	80	3,906							80	3,906	3,986	69 76
Fire Wood, in Vessels.....	6,570	23,181	678		45				7,293	23,181	30,474	754 49
" Rafts.....		345								345	345	7 19
Hoops.....					33				7	33	7	5 05
Hop Poles.....			534						534		534	26 00
Lumber, sawn, in Vessels.....	15,222	12,095	232	379	25	71	4		15,483	12,543	28,028	907 43
" Rafts.....		772								772	772	20 38
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....			11,120									
Railway Ties, in Vessels.....	1,427	66							1,427	63	1,492	62 09
" Rafts.....												
Saw Logs.....		18,342								18,342	18,342	419 18
Staves and Headings, Barrel.....	24	43			343				337	43	410	15 83
" " Pipe.....		16								16	16	0 50
" " West India.....		16								16	16	0 60
Staves, Salt Barrel.....					64				64		64	1 28
Shingles.....	132	17							132	17	149	29 15
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....	140	42	20					20	160	62	222	6 13
" Rafts.....	20	11,144							20	11,144	11,164	287 10
Traverses.....		9,378								9,378	9,387	24 35
Woodenware and Wood partly manufactured.....	104	3			8				112	3	115	32 00
Total Freight paying Tolls...	65,424	161,520	1,491	1,875	1,876	1,756	19,617	16,523	78,868	181,474	260,942	10,479 73

Coal, Free, per Order in Council...	37,424	.....	259	.....	.....	43,282	.....	80,965	.....	80,965	.....
Grand Total, Freight.....	102,908	161,520	1,750	1,875	1,876	1,556	53,299	16,523	159,833	161,474	341,307

Total Way Tolls on Vessels.....	5,896	51
" " Passengers.....	1,077	29
" " Free Goods.....	\$3,862	73
Total Way Tolls	\$17,453	
	53	

E. MIA LL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A—*Continued.*

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported on the Burlington Bay Canal, and the Amount of Revenue collected, during the Season of Navigation in 1883.

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		49		240						280	289	\$ cts.
Apples		102								102	102	
Agricultural Products, not enumerated, Vegetable	10	8							10	8	18	
Agricultural Products, not enumerated, Animal	18	474							18	474	492	
Agricultural Implements		20								20	20	
Barley				662						662	662	
Bricks	4	290							4	290	294	
Bones												
Brimstone												
Cement and Water Lime	38								38		38	
Clay, Lime and Sand		150					510		510	150	660	
Coal						48,164		48,164			48,164	
Corn												
Cattle												
Cotton, Raw	10	3							10	3	13	
Crockery and Earthenware	131	22							131	22	163	
Dye Wood and Dye Stuffs	22								22		22	
Fish	34	6							34	6	40	
Flax and Hemp		3								3	3	
Flour		291								291	291	
Furniture	6	9							6	9	15	
Gypsum	2								2		2	
Glass, all kinds	137	78							137	78	215	
Hay, Pressed		10								10	10	
Hogs												
Horses	9	5							9	5	14	
Hides and Skins, Horns and Hoofs												

Ice									
Iron, Railway	813						813		813
" Pig	1,932	50					1,032	50	1,032
" All other	810	416				168	978	415	1,393
Iron Ore									
Kryolite Chemical Ore and other Ore, except Iron									
Lard and Lard Oil	3	5					3	5	8
Meal, all kinds									
Meats, other than Pork		28						28	28
Marble									
Manilla	7			5			7	5	12
Molasses	12						12		12
Nails	350						350		350
Oats									
Oil, in barrels	43						43		43
Oil Cake									
Peas									
Potatoes									
Pork	2	26					2	26	28
Paint	42						42		42
Pitch and Tar						43		43	
Rags		20						20	
Rye				242				242	242
Rosin						76			76
Salt	198	11					198	11	209
Stone, intended for Cutting						205		205	
" wrought						234		233	231
" not suitable for Cutting, unwrought						233		233	
Seeds, all kinds									
Sheep									
Soda Ash	25						25		25
Steel	2						2		2
Sugar	411	36					411	36	447
Spirits, Beer, &c.	72	23					72	23	95
Tobacco, Raw		9						9	9
Tallow									
Tin	121						121		121
Turpentine	3						3		3
Wheat		4,337		932				5,269	5,269
White Lead	24						24		24
Whiting	74						74		74
Wool									
All other Goods and Merchandise not enumerated	5,151	2,364		12		835	6,107	2,376	8,483
Bark									
Barrels, Empty		1					1		1

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported on the Burlington Bay Canal, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees.....												
Floats.....												
Fire Wood, in Vessels.....												
" Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, Sawn, in Vessels.....	284	450		558					284	1,008	1,292	
" Rafts.....												
Masts, Spars and Telegraph Poles in Vessels.....												
Masts, Spars and Telegraph Poles in Rafts.....			1,600							1,600	1,600	
Railway Ties, in Vessels.....												
" Rafts.....												
Saw Logs.....												
Staves and Headings, barrel.....		1,076								1,076	1,076	
" " pipe.....	288									288	288	
" " W. India.....	32									32	32	
Staves, salt barrel.....												
Shingles.....		4								4	4	
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....		2,770								2,770	2,770	
" in Rafts.....	2,800									2,800	2,800	
Traverses.....												

Woodenware and Wood partly manufactured.....		20						20	20
Total Freight Free, per Order in Council.....	10,002	17,894	2,651	50,488	60,490	20,545	81,035		
Total Tolls on Vessels.. ..									1,966 98

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—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 1883.

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.....		24								24	24	4 51
Apples.....		6								6	6	28
Agricultural Products not enu- merated, Vegetable.....		63								63	63	4 74
Agricultural Products not enu- merated, Animal.....		937								937	937	65 10
Agricultural Implements.....	5	12								5	12	1 76
Barley.....		351								351	351	19 96
Bricks.....										22	22	1 46
Bones.....		22								22	22	
Brimstone.....												
Cement and Water Lime.....	11	688								11	688	699 25 47
Clay, Lime and Sand.....	1,000	7,841								1,000	7,841	8,841 185 76
Coal.....												
Corn.....												
Cattle.....	17	620								17	620	637 33 07
Cotton, Raw.....												
Crockery and Earthenware	1									1	1	0 09
Dye Wood and Dye Stuffs.....												
Fish.....		1								1	1	0 10
Flax and Hemp.....												
Flour.....	5	30								6	30	2 41
Furniture.....	15	33								15	33	4 41
Gypsum.....												
Glass, all kinds.....										3	3	0 18
Hay, Pressed.....		3								123	123	6 81
Hogs.....		123										
Horses.....	58	223								58	223	281 11 56
Hides and Skins, Horns and Hoofs.....		19								1	19	20 1 61

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT, showing the Quantity of each Article transported on the Ottawa 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. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Barrels, Empty.....	8	178							8	178	186	12 69
Boat Knees.....												
Floats.....		678								678	678	8 98
Fire Wood, in Vessels.....		92,490		687						93,177	93,177	3,138 92
" in Rafts.....		5,592								5,592	5,592	55 92
Hoops.....		17								17	17	1 46
Hop Poles.....												
Lumber, Sawn, in Vessels.....	194	277,318		244,314					194	521,662	521,856	46,916 02
" in Rafts.....	5	1,480							5	1,480	1,485	30 15
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....		316								316	316	38 38
" " Rafts.....		2,250								2,250	2,250	120 01
Saw Logs.....		77,557								77,557	77,557	1,790 28
Staves and Headings, Barrel " " Pipe.....												
" " West India.....												
Staves, Salt Barrel.....												
Shingles.....		490								490	490	196 20
Split Posts and Fence Rails, in Vessels.....		3								3	3	0 10
Split Posts and Fence Rails, in Rafts.....		7								7	7	1 19
Timber, Square, in Vessels.....									240	11,678	11,918	133 13
" " Rafts.....		240	11,678									

Traverses.....		350	.....					350	350	1 40
Woodenware and Wood, partly manufactured.....	25							25	25	1 67
Total Freight Paying Tolls	4,033	494,210		246,031				4,033	739,241	743,274
										53,815 08
Total Tolls on Vessels.....										5,790 77
" " Passengers.....										300 73
" Wharfage										10 00
" Fines and Damages										175 00
Other Receipts.....										32 00
Total Revenue, exclusive of Hydraulic Rents.....										\$60,153 58

54,363

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st, April 1884.

SUPPLEMENTARY APPENDIX A- *Continued.*

No. (A) 80.—GENERAL STATEMENT showing the Quantity of each Article transported on the Champlain Canal, and the Amount of Revenue collected, during the Season of Navigation in 1883.

Iron, Railway								
" Pig					292	292	292	29 20
" All other	2				280	252	282	26 27
Iron Ore								
Kryolite Chemical Ore or other Ore, except Iron								
Lard and Lard Oil	20				32	52	52	5 20
Meat, all kinds								
Meats, other than Pork								
Marble								
Manilla								
Molasses					1,687	1,687	1,687	167 04
Nails					3	3	3	0 60
Oats	2,242					2,242	2,242	89 29
Oil, in Barrels					604	604	604	60 17
Oil Cake								
Pense	1,304					1,304	1,304	78 00
Potatoes								
Pork								
Paint					51	51	51	4 57
Pitch and Tar					1,520	1,520	1,520	152 00
Rags					11	11	11	1 10
Rye								
Rosin					1,621	1,621	1,621	162 10
Salt	958				34	938	938	79 42
Stone intended for Cutting					338	338	338	33 80
" wrought								
" not suitable for Cut- ting, unwrought					45	45	45	0 75
Seeds, all kinds								
Sheep	6	258				6	258	264
Soda Ash						135	135	8 80
Steel								
Sugar					321	321	321	32 10
Spirits, Beer, &c.								
Tobacco, Raw					4	4	4	0 27
Tallow								
Tin					90	90	90	9 00
Turpentine					690	690	690	68 44
Wheat								
White Lead								
Whiting								
Wool								
All other Goods and Mer- chandise not enumerated.	739	872				1,944	739	2,316
Bark							3,055	224 90
Barrels, Empty								

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 30.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chamby Canal,
 &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Toll. \$ cts.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Boat Knees.....													
Floats.....	1,978											118 80	
Firewood, in Vessels.....	465	315										23 88	
" Rafts.....													
Hoops.....													
Hop Poles.....													
Lumber, sawn, in Vessels.....	2,647		79,302									4,617 07	
" Rafts.....	117											14 00	
Masts, Spars and Telegraph Poles, in Vessels.....													
Masts, Spars and Telegraph Poles, in Rafts.....													
Railway Ties, in Vessels.....	9,479		14,856						4	24,335	4	24,339	1,949 29
" Rafts.....													
Saw Logs.....													
Staves and Headings, Barrel.....													
" " Pipe.....													
" " W. India.....													
Staves, salt barrel.....													
Shingles.....	83		8							91		91	15 88
Split Posts and Fence Rails, in Vessels.....													
Split Posts and Fence Rails, in Rafts.....													
Timber, Square, in Vessels.....													
" Rafts.....	218		1,260							1,478		1,478	144 65
Traverses.....										85		85	1 70

Woodware and Wood partly manufactured								3		3	0 75
Total Freight paying Tolls Coal, Free, per Order in Council	19,887	6,473	97,707					106,729	117,594	113,208	230,802
	1,477								1,477		1,477
Grand Total Freight.....	21,364	6,479	97,707					106,729	119,071	113,208	232,279
Total Tolls on Vessels											4,010 93
" Passengers											63 14
Wharfage and Storage.....											5 82
Fines and Damages.....											10 00
											\$22,215 21

18205

E. MIAALL,
Commissioner

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

14

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 31.—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 1883.

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.....	2	62	.....	.....	.....	.....	.....	.....	2	62	64	\$ 13 51
Apples.....	.....	11	.....	.....	.....	.....	.....	.....	.....	11	11	0 40
Agricultural products not enumerated, Vegetable	11	23	300	.....	.....	.....	.....	.....	311	23	334	16 51
Agricultural products not enumerated, Animal.....	116	908	.....	.....	.....	.....	.....	.....	116	908	1,024	74 05
Agricultural Implements.....	42	120	.....	.....	.....	.....	.....	.....	42	120	162	15 75
Barley.....	7	.....	.....	.....	.....	.....	.....	.....	7	.....	7	0 17
Bricks.....	66	76	.....	.....	.....	.....	.....	.....	66	76	142	3 61
Bones.....	8	.....	.....	.....	.....	.....	.....	.....	8	8	8	0 79
Brimstone.....	4	.....	.....	.....	.....	.....	.....	.....	4	4	4	0 20
Cement and Water Lime....	15	115	.....	.....	.....	.....	.....	.....	15	115	130	8 35
Clay, Lime and Sand.....	457	1	.....	.....	.....	.....	.....	.....	457	1	458	10 80
Coal.....	.....	2,023	.....	.....	.....	.....	.....	.....	.....	2,033	2,033	89 56
Corn.....	4	14	.....	.....	.....	.....	.....	.....	4	14	18	0 55
Cattle.....	10	2	.....	.....	.....	.....	.....	.....	10	2	12	0 32
Cotton, Raw.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crockery and Earthenware..	27	21	.....	.....	.....	.....	.....	.....	27	21	48	6 45
Dye Wood and Dye Stuffs..	4	1	.....	.....	.....	.....	.....	.....	4	1	5	0 79
Fish.....	28	1	.....	.....	.....	.....	.....	.....	28	1	29	1 29
Flax and Hemp.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour.....	20	231	.....	.....	.....	.....	.....	.....	20	231	231	7 02
Furniture.....	19	37	.....	.....	.....	.....	.....	.....	19	37	56	7 13
Gypsum.....	36	2	.....	.....	.....	.....	.....	.....	36	2	38	0 91
Glass, all kinds.....	14	5	.....	.....	.....	.....	.....	.....	14	5	19	1 94
Hay, Pressed.....	.....	6	.....	.....	.....	.....	.....	.....	.....	6	6	0 13
Hogs.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2	2	0 16
Horses.....	3	3	.....	.....	.....	.....	.....	.....	3	3	6	0 26
Hides and Skins, Horns and Hoofs.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2	2	0 05
Ice.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Iron, Railway.....	2	10							2	10	12	0 34
" Pig.....	358								358		14 12	
" All other.....	469	26							469	36	506	15 56
Iron Ore.....	454								454		454	22 70
Kryolite Chemical Ore and other Ore, except Iron.....	1,010	2,136							1,010	2,136	3,146	157 30
Lard and Lard Oil.....	6	11							6	11	17	0 84
Meal, all kinds.....	22	54							22	54	76	2 72
Meats, other than Pork.....	6	10							6	10	16	0 62
Marble.....	9								9		9	0 89
Manilla.....	1								1		1	0 09
Molasses.....	18	3							18	3	21	2 78
Nails.....	118	2							118	2	120	13 35
Oats.....	333	12							333	12	345	8 24
Oil, in Barrels.....	23	144							23	144	167	17 97
Oil Cake.....	6								6		6	0 14
Pease.....	19	30							19	30	49	3 30
Potatoes.....	9	9							9	9	18	0 54
Pork.....	6	6							6	6	12	0 50
Paint.....	2	1							2	1	3	0 27
Pitch and Tar.....	46								46		46	4 01
Rags.....												
Rye.....	987	626							987	626	1,613	114 51
Rosin.....	2								2		2	0 18
Salt.....	680	75							680	75	755	26 96
Stone intended for Cutting.....	11								11		11	0 43
" wrought.....		2								2	2	0 27
" not suitable for Cut- ting, unwrought.....												
Seeds, all kinds.....	1	2							1	2	3	0 15
Sheep.....	10	2							10	2	12	0 36
Soda Ash.....												
Steel.....	1								1		1	0 09
Sugar.....	115	76							115	76	191	19 38
Spirits, Beer, &c.....	8	48							8	46	54	7 82
Tobacco, Raw.....												
Tallow.....		4								4	4	0 10
Tin.....	9	2							9	2	11	1 88
Turpentine.....	5								5		5	0 45
Wheat.....	95	32							95	32	127	3 05
White Lead.....	13								13		13	1 15
Whiting.....												
Wool.....		9								9	9	0 22
All other goods and Merchan- dice not enumerated.....	523	499							523	499	1,022	121 09
Bark.....	80								80		80	1 88
Barrels, Empty.....	26	1							26	1	27	1 97
Boat Knees.....												

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 31—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.....	6,589	580							6,589	580	7,169	\$ 136 15
Firewood, in Vessels.....	31,525	5,865							31,525	5,865	37,390	630 18
" Rafts.....												
Hoops.....												
Hot Poles.....	223		117						340		340	34 50
Lumber, sawn, in Vessels.....	10,701	413	1,376						12,077	423	12,500	683 90
" " Rafts.....		10								10	10	0 23
Masts, Spars and Telegraph Poles, in Vessels.....	40								40		40	4 00
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	7,075		2,024						9,099		9,099	917 72
" " Rafts.....	85								85		85	9 01
Saw Logs.....	1,910	563							1,910	563	2,503	68 78
Staves and Headings, Barrel Pipe.....												
" " W. India												
Staves, Salt Barrel.....		20								20	20	2 00
Singles.....	22	2							22	2	24	4 80
Split Posts and Fence Rails, in Vessels.....	22		36						58		58	9 27
Split Posts and Fence Rails, in Rafts.....	8								8		8	1 02
Timber, Square, in Vessels.....		10								10	10	0 28
" " Rafts.....	80	1,140							80	1,140	1,220	44 08
Traverses.....	2,568	4,060							2,568	4,060	6,628	68 05
Woodenware and Wood partly manufactured.....	10	1							10	1	11	2 10
Total Freight paying Tolls	67,200	20,254	3,853						71,053	20,254	91,307	3,414 04

Total Tolls on Vessels.....	1,773 76
" Passengers.....	96 81
" Free Coal.....	\$30 32
Wharfage and Storage.....	100 73
Damages	58 00
Other Receipts.....	361 00
 Total Revenue, exclusive of Hydraulic Rents.....	 \$5,834 34

E. MIALL,

Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 32.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the amount of Tolls collected thereon, during the Season of Navigation in 1883.

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.		
Fish.....		1,352								1,352	1,352	\$ 13 53
Flour.....	283	55							283	55	338	3 38
Coal.....	84	7,537							84	7,537	7,621	76 21
Lumber.....	447	859							447	859	1,306	13 06
Other Agricultural Products.....	1,620	2,717							1,620	2,717	4,337	43 37
Other Merchandise.....	666	75							666	75	741	7 41
Total	3,100	12,595							3,100	12,595	15,695	156 95
Total Tolls on Vessels												2,033 16
do Passengers												
Total Revenue, exclusive of Hydraulic Rents												2,190 11

E. MIAIL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 33.—GENERAL STATEMENT showing the Quantity of each Article transported through the Newcastle District Canals, and the amount of Revenue collected, during the Season of Navigation in 1883.

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. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Bricks.....												
Clay, Lime and Sand.....												
Bark.....												
Firewood.....	4,044	57							4,044	57	4,101	68 33
Floats.....												
Lumber, Sawn.....	1,153	80							1,153	80	1,233	9 33
Railway Ties.....	321								321		321	12 80
Saw Logs.....	2,300	50							2,300	50	2,350	47 00
Shingles.....												
Split Posts, &c.....	180								180		180	3 00
Timber, Square.....	725	250							725	250	975	19 50
Traverses.....												
Iron Ore.....									750		750	5 00
Stone, unwrought.....	750											
Total Freight Paying Tolls...	9,473	437							9,473	437	9,910	165 03
Total Tolls on Vessels.....												13 00
Other Receipts.....												
Total Revenue, exclusive of Hydraulic Rents.....												\$178 03

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

E. MIAALL,
Commissioner.

SUPPLEMENTARY

No. (A) 34.—STATEMENT of Traffic on the undermentioned Canals, and

Articles.	Welland Canal.		St. Lawrence Canals.		Chamby Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>						
Canadian Vessels, steam ...	161,503	2,499 04	875,781	5,402 06	61,234	211 14
United States Vessels, steam	137,702	2,667 80	22,394	122 83	314	3 49
Canadian Vessels, sail.....	337,069	6,494 68	871,120	9,377 47	117,270	2,060 37
United States Vessels, sail.	244,683	5,471 87	78,570	796 93	123,069	1,135 93
Total, Class No. 1.....	880,957	16,533 48	1,847,865	15,699 29	301,827	4,010 93
<i>Class No. 2.</i>						
Passengers.....	No. 1,865	114 87	No. 61,148	2,715 44	No. 3,970	63 14
<i>Class No. 3.</i>						
Brimstone.....			Tons.		Tons.	
Bricks			2,745	235 15	801	64 94
Cement and Water Lime...	149	21 11	1,661	232 00	6	0 60
Clay, Lime and Sand...	3,246	286 58	11,023	451 15	5,193	530 21
Fish.....	888	133 25	590	70 03		
Gypsum.....	1,150	23 74	3,169	68 71	100	3 34
Iron, Railway.....	1,237	192 65	25,433	3,744 00		
do Pig	23	0 42	8,817	1,288 47	292	29 20
do All other.....	7,900	1,163 63	6,701	792 29	232	26 27
Salt.....	66	10 30	9,822	1,273 06	902	79 42
Stone, for cutting.....	6,421	946 15	3,007	223 14	338	33 80
Apples	340	9 72	1,777	242 04	514	46 64
Barley.....	10,436	1,584 15	4,154	420 40	2,425	186 35
Corn.....	182,269	36,440 08	22,175	2,139 66		
Cotton, Raw.....						
Flax and Hemp						
Flour	13,471	1,158 86	14,490	2,661 71	702	23 40
Hay, Pressed	26	3 90	1,455	104 41	1,083	75 27
Meals, all kinds.....	9,917	1,982 80	1,433	57 41		
Oil Cake	1	0 20	6	0 36		
Oats.....	731	146 20	6,020	368 16	2,242	89 29
Pease.....	726	145 20	26,659	2,359 73	1,384	78 00
Potatoes.....			294	16 06		
Rye	1,642	272 20	4,855	568 46		
Seeds, all kinds.....	664	132 80	318	19 81		
Tobacco, Raw	6	1 15	7	0 60	4	0 27
Wheat	152,794	29,027 64	61,121	7,811 89		
All other Agricultural Products, Vegetable.....	1,272	59 56	6,816	342 68	123	4 10
Bones			1,162	88 67		
Cattle.....			891	57 63	193	6 60
Hogs.....			214	16 51		
Hides and Skins, Horns and Hoofs	111	22 20	46	5 46		
Horses	26	4 30	369	27 09	24	0 90
Lard and Lard Oil.....	12	2 40	128	8 73	52	5 20
Meats, other than Pork.....	14	2 80	176	14 20		
Pork	391	73 05	453	19 17		
Sheep			544	40 60	264	8 80
Tallow	180	27 10	103	6 46		
Wool	95	19 00	168	23 98		
All other Agricultural Products, Animal.....	6	1 20	1,845	235 31	9	0 30
Total, Class No. 3....	396,209	73,899 34	230,674	25,455 23	16,918	1,292 80

APPENDIX A—Continued.

the Amount of Tolls collected, during the Season of Navigation in 1883.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
140,530	1,405 94	211,523	710 00	63,387	660 14	69,233	1,384 66	1,360	8 50
528	5 28	.....	.....	182	7 00	.....	.....	.....	.....
55,576	555 76	231,744	3,287 24	87,564	1,028 37	32,425	648 50	707	4 50
.....	.....	74,456	1,793 53	7,114	78 25	.....	.....	.....	.....
196,634	1,966 98	517,723	5,790 77	158,247	1,773 76	101,658	2,033 16	2,067	13 00
No. 4,814	.....	No. 18,173	300 73	No. 3,067	96 81	No. 4,692	.....	No.	.....
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
294	.....	.....	4	0 20	.....	.....	.....	.....	.....
38	.....	699	25 47	142	3 61	.....	.....	.....	.....
650	.....	8,841	185 76	130	8 35	.....	.....	.....	.....
40	.....	1	0 10	458	10 80	.....	.....	.....	.....
2	.....	.....	.....	29	1 29	1,352	13 52	.....	.....
813	.....	.....	.....	38	0 91	.....	.....	.....	.....
1,082	.....	.....	12	0 34	.....	.....	.....	.....	.....
1,393	.....	80	3 57	358	14 12	.....	.....	.....	.....
209	.....	13	0 26	505	15 56	.....	.....	.....	.....
205	.....	1	0 02	755	26 96	.....	.....	.....	.....
102	.....	6	0 28	11	0 43	.....	.....	.....	.....
662	.....	351	19 96	11	0 40	.....	.....	.....	.....
13	.....	.....	7	0 17	.....	.....	.....	.....	.....
3	.....	.....	18	0 55	.....	.....	.....	.....	.....
291	.....	35	2 41	251	7 02	3 38	3 38	.....	.....
10	.....	3	0 18	6	0 15	.....	.....	.....	.....
.....	.....	19	1 87	76	2 72	.....	.....	.....	.....
.....	.....	.....	.....	6	0 14	.....	.....	.....	.....
.....	2,268	105 54	345	8 24	.....	.....	.....	.....	.....
.....	6,141	497 72	49	3 30	.....	.....	.....	.....	.....
.....	227	13 55	18	0 54	.....	.....	.....	.....	.....
242	.....	747	72 35	1,613	114 51	.....	.....	.....	.....
9	.....	19	1 60	3	0 15	.....	.....	.....	.....
5,269	.....	91	5 14	127	3 05	.....	.....	.....	.....
18	.....	63	4 74	334	16 54	4,337	43 37	.....	.....
.....	22	1 46	8	0 79	.....	.....	.....	.....	.....
.....	637	33 07	12	0 32	.....	.....	.....	.....	.....
.....	123	6 81	2	0 16	.....	.....	.....	.....	.....
.....	20	1 61	2	0 05	.....	.....	.....	.....	.....
14	.....	281	11 56	6	0 26	.....	.....	.....	.....
8	.....	.....	.....	17	0 84	.....	.....	.....	.....
28	.....	16	0 84	16	0 62	.....	.....	.....	.....
28	.....	371	20 25	12	0 50	.....	.....	.....	.....
.....	6	0 59	4	0 36	.....	.....	.....	.....	.....
.....	1	0 10	9	0 10	.....	.....	.....	.....	.....
492	.....	937	65 10	1,024	74 06	.....	.....	.....	.....
11,925	.....	22,019	1,081 91	6,430	318 32	6,027	60 27	.....	.....

SUPPLEMENTARY

No. (A) 84—STATEMENT of the Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chamby Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>						
Ashes, Pot and Pearl.....	11	2 05	873	115 75	135	13 50
Agricultural Implements.....	4	0 28	560	50 65	.....	.....
Crockery and Earthenware.....	41	5 42	1,131	190 07	37	3 70
Dye Woods and Dye Stuffs.....	158	23 70	436	38 61	209	20 90
Furniture.....	104	17 53	1,323	170 43	.....	.....
Glass, all kinds.....	26	2 32	1,332	257 85	.....	.....
Marble.....	2,885	432 75	138	27 38	.....	.....
Manilla.....	24	3 80	62	12 39	.....	.....
Molasses.....	158	23 89	2,255	167 90	1,687	167 04
Nails.....	142	13 41	4,627	833 71	3	0 60
Oil, in barrels.....	656	120 03	2,402	272 62	604	60 17
Paint.....	423	63 23	732	114 50	51	4 57
Pitch and Tar.....	.....	.....	1,956	137 59	1,520	152 00
Rags.....	424	77 15	1,378	144 85	11	1 10
Rosin.....	.....	.....	1,473	86 68	1,621	162 10
Soda Ash.....	264	38 82	2,572	506 90	135	9 00
Steel.....	38	5 75	139	17 29	.....	.....
Sugar.....	4,942	725 46	6,189	1,021 99	321	32 10
Stone, Wrought.....	1,160	220 73	585	34 46	.....	.....
Tin.....	10	1 50	2,830	513 52	90	9 00
Turpentine.....	.....	.....	735	41 83	690	68 44
White Lead.....	5	1 00	224	38 05	.....	.....
Whiting.....	.....	.....	324	60 03	.....	.....
Whiskey and all other spirits.....	300	58 40	2,330	359 57	.....	.....
Merchandise, not enumerated.....	20,171	2,984 37	21,401	2,846 86	3,055	224 90
Total Class No. 4.....	31,946	4,821 59	57,817	8,061 53	10,169	929 12
<i>Class No. 5.</i>						
Bark.....	.....	.....	.....	.....	.....	.....
Barrels, empty.....	14	1 27	307	44 76	.....	.....
Boat Knees.....	.....	.....	3,986	69 76	1,978	118 80
Fleats.....	.....	.....	.....	.....	.....	.....
Fire Wood, in Vessel.....	38,008	1,631 76	31,770	840 89	1,092	23 88
" in Rafts.....	.....	.....	345	7 19	.....	.....
Lumber Sawn, in Vessels.....	48,586	7,994 85	38,408	2,402 53	81,985	4,617 07
" in Rafts.....	41	1 74	772	20 38	117	14 00
Hoops.....	26	6 50	40	5 05	.....	.....
Railway Ties, in Vessels.....	1,597	168 41	1,492	62 09	24,339	1,949 29
" in Rafts.....	131	20 72	.....	.....	.....	.....
Masts, Spars and Telegraph Poles, in Vessels.....	.....	.....	.....	.....	.....	.....
Masts, Spars and Telegraph Poles, in Rafts.....	35	2 38	11,120	278 00	.....	.....
Square Timher, in Vessel.....	73,529	11,015 10	2,584	124 17	.....	.....
" in Rafts.....	3,542	789 33	11,164	287 10	1,478	144 65
Woodenware and Wood partly manufactured.....	798	251 65	520	194 00	3	0 75
Shingles.....	9	6 00	150	29 45	91	15 88
Split Posts and Fence Rails, in Vessels.....	3	0 59	.....	.....	.....	.....

APPENDIX A—Continued.

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

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
289		24	4 51	64	13 51				
20		17	1 76	162	15 75				
163		1	0 09	48	6 45				
22				5	0 79				
15		48	4 41	56	7 13				
215				19	1 94				
				9	0 59				
12				1	0 09				
12				21	2 78				
360		1	0 05	120	12 35				
43		2	0 24	167	17 97				
42				3	0 27				
43		53	10 07	46	4 01				
20		18	2 52						
76				2	18				
25									
2				1	0 09				
447		3	0 15	191	19 38				
234				2	0 27				
121				11	1 88				
3				5	0 45				
24				13	1 15				
74									
95		16	0 94	54	7 82				
8,483		977	81 58	1,022	121 09	741	7 41		
10,830		1,160	106 32	2,022	236 24	741	7 41		
		20	1 95	80	1 88				
1		186	12 69	27	1 97				
		678	8 98	7,169	136 15				
		93,177	3,138 92	37,390	630 18				
		5,592	55 92						
1,292		521,856	46,916 02	12,500	683 90	1,306	13 06	4,101	68 35
		1,488	30 15	10	0 23			1,233	9 38
		17	1 46						
		316	38 38	9,099	917 72				
		2,250	120 01	85	9 01			321	12 80
				40	4 00				
1,600									
2,770					10	0 28			
2,800		11,918	133 13	1,220	44 08			975	19 50
20		25	1 67	11	2 10				
4		490	196 20	24	4 80				
		3	0 10	58	9 27				

SUPPLEMENTARY

No. (A) 34.—STATEMENT of Traffic in the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chamby Canals.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5—Concluded.</i>						
Split Posts and Fence Rails, in Rafts						
Saw Logs	12,481	396 83	18,342	419 18		
Staves and Headings, Barrel " " Pipe...	161	13 33	554	27 53		
" " West India	4,762	890 08	264	30 90		
" " Salt Barrel	2,397	447 62	344	50 52		
Traverses	25	4 00	64	1 28		
Hop Poles			9,378	24 35	85	1 70
			534	26 00		
Total Class No. 5....	186,145	23,642 16	132,138	4,945 13	111,168	6,886 02
<i>Special Class.</i>						
Coal	307,018	60,026 91	133,636	18,688 07	92,502	9,016 63
Kryolite or Chemical Ore..			1,974	98 70		
Iron Ore.....	31,331	1,566 55				
Stone, unwrought, not suit- able for cutting.....	21,139	1,455 82	10,280	205 80	45	0 75
Ice.....						
Total Special Class ...	359,488	63,049 28	145,890	18,992 57	92,547	9,017 38
Total Freight and Tools....	973,788	182,060 72	566,523	75,869 18	230,802	22,199 39
Timber and other Wood, free	3,744	208 56	11,589	1,081 74		
Wheat, Corn, Flour, Iron, Coal, &c., &c., free	27,624	4,108 37	278,674	33,443 48	1,477	147 70
Grand Totals, Passengers and Tonnage of Vessels not included.....	1,005,156	186,377 65	856,786	110,394 40	232,279	22,347 09

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

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

Burlington Bay. Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
.....	.....	7	1 19	8	1 62	.....	.....	180	3 00
1,076	77,567	1,790 28	2,503	68 78	.....	.....	.....	2,350	47 00
288	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	350	1 40	20	2 00	.....	.....	.....	.....
.....	.....	.....	.....	6,628	68 05	.....	.....	.....	.....
.....	.....	.....	.....	340	34 50	.....	.....	.....	.....
9,883	715,927	52,448 45	77,222	2,619 92	1,306	13 06	9,160	160 03	.....
.....
48,164	.....	4,168	208 40	2,033	89 56	7,621	76 21	.....	.....
.....	.....	.....	.....	3,146	157 30	.....	.....	.....	.....
.....	.....	.....	.....	454	22 70	.....	.....	.....	.....
233	.....	.....	.....	.....	.....	.....	.....	750	5 00
.....
48,397	.....	4,168	208 40	5,633	269 56	7,621	76 21	750	5 00
81,035	1,966 98	743,274	59,936 58	91,307	5,314 61	15,695	2,190 11	9,910	178 03
.....	.....	.....	.....	1,129	30 32	.....	.....	.....	.....
81,035	1,966 98	743,274	59,936 58	92,436	5,344 93	15,695	2,190 11	9,910	178 03

E. MIALL,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No (A) 36.—STATEMENT showing the amount of Tolls accrued each month during the Season of Navigation ended 31st December, 1883.

Canals and Offices.	January.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
WELLAND CANAL.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chippawa.....	0 95		11 99	26 55	30 72	19 00	21 34	5 73	8 50	7 03	131 81
Colborne.....			13,917 85	15,258 58	20,086 54	20,699 66	19,500 99	17,812 00	11,295 34	251 48	118,822 44
Dalhousie.....			9,402 64	8,820 16	8,491 27	10,095 12	8,157 58	7,215 82	6,575 53	244 60	58,202 72
Dunnville.....			30 28	103 47	119 44	78 57	20 41	75 05	37 81	.....	465 03
Maitland.....			76 78	192 54	127 61	121 18	97 52	113 40	121 16	7 86	858 08
Robinson.....	3 55		439 74	4:1 31	293 80	200 63	284 76	144 15	187 25	72 24	2,072 43
St. Catharines.....			408 30	280 88	272 93	197 47	93 20	172 04	83 39	.....	1,508 21
Total, Welland Canal....		4 50	24,287 58	24,323 49	29,427 34	31,411 63	28,175 80	25,538 19	18,308 98	583 21	182,060 72
ST. LAWRENCE CANALS.											
Beauharnois.....			247 86	231 90	216 96	268 04	199 31	302 88	265 60	.....	1,735 54
Cardinal.....			82 14	32 15	66 55	71 76	64 39	92 73	48 75	48 80	507 27
Cornwall.....	10 05	4,057 47	3,583 69	3,763 52	3,926 82	3,140 04	3,495 56	1,725 22	1 76	23,704 13	
Kingston.....			5,709 80	2,515 55	1,857 36	1,436 61	1,307 71	2,660 11	585 60	.....	16,072 74
Lachine.....			205 91	260 45	298 49	356 98	425 42	648 13	406 04	.....	2,601 45
Montreal.....			3,738 09	4,882 24	5,264 21	5,745 97	5,242 71	4,148 01	2,226 82	.....	31,248 05
Total, St. Lawrence Canals....		10 05	14,041 30	11,508 98	11,467 08	11,806 18	10,379 58	11,347 42	5,258 03	50 56	75,869 18
CHAMBLY CANAL.											
Chambly.....			561 02	1,259 04	1,684 44	1,424 14	1,242 78	1,180 46	706 41	.....	8,058 29
St. Johns.....			1,196 95	2,712 27	2,825 74	2,585 97	1,789 94	1,979 49	532 82	.....	13,623 18
St. Ours.....	5 56		61 22	63 53	94 58	71 32	60 56	76 08	84 17	.....	517 92
Total, Chambly Canal....		5 56	1,819 19	4,034 84	4,604 76	4,081 43	3,093 28	3,236 93	1,323 40	.....	22,199 39

OTTAWA CANALS.											
Ottawa.....	.....	5,442 41	5,512 45	5,818 35	4,770 94	6,040 55	4,582 53	1,454 00	.....	.....	33,621 28
Carillon.....	.....	216 69	866 58	1,015 60	97 06	39 93	49 08	15 39	.....	.....	2,300 33
Grenville.....	.....1 50	3,111 02	3,792 07	3,746 91	2,965 45	3,399 41	3,135 80	1,721 68	.....	.....	21,873 84
St. Anne's.....	.....6 40	278 02	315 59	270 04	341 15	356 42	401 49	172 02	.....	.....	2,141 13
Total, Ottawa Canals.....	.....	7 90	9,048 14	10,486 69	10,850 90	8,174 60	8,836 31	8,168 95	3,363 09	.....	59,936 58
BURLINGTON BAY CANAL.											
Hamilton.....	.....	8 06	271 98	429 72	270 34	285 95	219 02	332 30	130 91	18 70	1,966 98
RIDEAU CANAL.											
Kingston Mills.....	.....	222 26	264 48	328 50	250 69	282 67	234 00	121 49	.....	.....	1,704 09
Ottawa.....	.....	389 58	623 70	643 13	560 31	390 07	231 26	92 97	.....	.....	2,931 02
Smith's Falls.....	.....	101 54	90 57	92 49	102 69	101 72	121 42	69 07	.....	.....	679 50
Total, Rideau Canal.....	.....	713 38	978 75	1,064 12	913 69	774 66	586 68	283 53	.....	.....	5,314 61
ST. PETER'S CANAL.											
St. Peter's.....	.....	0 68	25 26	160 00	361 61	317 03	360 84	294 20	353 73	246 64	70 12
											2,190 11
NEWCASTLE DISTRICT CANALS.											
Bobeaygeon.....	.....	15 00	12 50	32 25	29 50	20 00	15 00	23 25	.....	.....	147 50
Peterborough.....	.....	1 00	.....	.....	.....	3 50	1 43	.....	.....	.....	5 93
Hastings.....	.....	2 85	6 50	6 15	.....	4 00	5 10	.....	.....	.....	24 60
Total, Newcastle District Canals.....	.....	15 00	16 35	38 75	35 65	27 50	21 53	23 25	.....	.....	178 03
Grand Total.....	.....	0 68	61 33	50,356 57	52,140 43	58,040 32	57,069 97	52,800 15	49,585 73	28,937 83	722 59
											349,715 60

E. MIAULL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 37.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals, during the Season of Navigation ended 31st December, 1883; and the Tolls collected thereon.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
WELLAND CANAL.													
Canadian Vessels, steam.....	533	42,712	36,822	20,999	11	376	.....	1,305	59,278	65,392	96,111	161,503	2,499 04
" " sail.....	1,603	80,267	49,472	87,214	1,686	.....	330	6,813	111,287	174,294	162,775	337,069	6,491 68
Total Canadian.....	2,136	122,979	86,294	108,213	1,697	376	330	8,118	170,565	239,686	258,886	498,572	8,993 72
United States Vessels, steam.....	314	23	132	1,190	692	64,145	66,360	1,567	3,593	66,925	70,777	137,702	2,067 89
" " sail....	817	104	700	3,231	527	111,122	56,627	3,869	68,503	118,326	126,357	244,683	5,471 87
Total United States.....	1,131	127	832	4,421	1,219	175,267	122,987	5,436	72,096	185,251	197,134	382,385	7,539 76
Grand Total Welland Canal	3,267	123,106	87,126	112,634	2,916	175,643	123,317	13,554	242,661	424,937	456,020	880,957	16,533 48
ST. LAWRENCE CANALS.													
Canadian Vessels, steam.....	3,519	478,996	372,011	21,221	290	.....	.....	6	3,257	500,223	375,558	875,781	5,402 06
" " sail....	5,471	465,578	310,077	41,713	3,744	.....	.....	294	49,714	507,585	363,535	871,120	9,377 47
Total Canadian.....	8,990	944,574	682,088	62,934	4,034	.....	.....	300	52,971	1,007,808	739,093	1,746,901	14,779 53
United States Vessels, steam.....	482	278	187	1,665	32	8,158	9,080	96	1,893	11,197	11,197	22,394	122 83
" " sail....	796	1,282	5,635	5,878	3,918	700	610	53,733	6,914	61,593	16,977	78,570	796 93
Total United States.....	1,278	1,560	5,822	7,543	3,950	9,858	9,590	53,829	8,812	72,790	28,174	100,964	919 76
Grand Total St. Lawrence Canals.....	10,288	946,134	687,910	70,477	7,984	9,858	9,590	54,129	61,783	1,080,598	767,267	1,847,865	15,699 29

CHAMBLY CANAL.

Canadian Vessels, steam.....	392	29,312	28,829	196				2,897	29,508	31,726	61,234	211 14
" " sail.....	1,173	14,294	13,769	21,196				68,011	35,490	81,780	117,270	2,060 37
Total Canadian	1,566	43,606	42,598	21,392				70,908	64,998	113,506	178,504	2,271 51
United States Vessels, steam..	5	13						301	13	301	314	3 49
" " sail ...	1,263	180	1,639	28,305				92,885	28,485	94,524	123,009	1,735 93
Total United States	1,268	193	1,639	28,305				93,186	28,498	94,825	123,323	1,739 42
Grand Total Chamblay Canal	2,834	43,799	44,237	49,697				164,094	93,496	208,331	301,827	4,010 93

BURLINGTON BAY CANAL.

Canadian Vessels, steam.....	317	68,419	69,309		1,858			944	69,363	71,167	140,530	1,405 94
" " sail.....	283	3,502	16,154		11,433			24,467	27,969	27,607	55,576	555 76
Total Canadian	600	71,921	85,463		13,311			25,411	97,332	98,774	196,106	1,961 70
United States Vessels, steam..	4				264			264		264	264	528
" " sail.....												5 28
Total United States... ..	4				264			264		264	264	528
Grand Total, Burlington Bay Canal	604	71,921	85,463		13,575			25,675	97,596	99,038	196,634	1,966 98

OTTAWA CANALS.

Canadian Vessels, steam.....	1,206	79,496	130,389		1,638				79,496	132,027	211,523	710 00
" " sail.....	2,173	24,509	165,384		41,851				24,509	207,235	231,744	3,287 24
Total Canadian	3,379	104,005	295,773		43,489				104,005	339,262	443,267	3,997 24
United States Vessels, steam..												
" " sail....	755	8,185	3,176		62,714			381	8,566	65,890	74,456	1,793 53
Total United States.....	755	8,185	3,176		62,714			381	8,566	65,890	74,456	1,793 53
Grand Total, Ottawa Canals	4,134	112,190	298,949		106,203			381	112,571	405,152	517,723	5,790 77

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 37.—GENERAL 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.		
RIDEAU CANAL.													
Canadian Vessels, steam....	1,066	28,290	34,731	366	.....	.....	.....	.....	.....	28,656	34,731	63,387	\$ 66014
" " sail....	1,325	36,580	48,829	2,155	.....	.....	.....	.....	.....	38,735	48,829	87,564	1,028 37
Total Canadian	2,331	64,870	83,560	2,521	.....	.....	.....	.....	.....	67,391	83,560	150,951	1,688 51
United States Vessels, steam....	28	87	95	.....	.....	.....	.....	.....	.....	87	95	182	7 00
" " sail....	68	406	5,380	1,328	.....	.....	.....	.....	.....	1,734	5,380	7,114	78 25
Total United States.....	96	493	5,475	1,328	.....	.....	.....	.....	.....	1,821	5,475	7,296	85 25
Grand Total, Rideau Canal..	2,427	65,363	89,035	3,849	.....	.....	.....	.....	.....	69,212	89,035	158,247	1,773 76
ST. PETER'S CANAL.													
Canadian Vessels, steam....	52	34,904	34,329	.....	.....	.....	.....	.....	.....	34,904	34,329	69,233	\$ 1,384 66
" " sail....	808	17,289	15,136	.....	.....	.....	.....	.....	.....	17,289	15,136	32,425	648 50
Total St. Peter's Canal..	1,330	52,193	49,465	.....	.....	.....	.....	.....	.....	52,193	49,465	101,658	2,033 16
NEWCASTLE DISTRICT CANALS													
Canadian Vessels, steam....	17	430	930	.....	.....	.....	.....	.....	.....	430	930	1,360	8 50
" " sail....	9	100	607	.....	.....	.....	.....	.....	.....	100	607	707	4 50
Total Newcastle District Canals.....	26	530	1,537	.....	.....	.....	.....	.....	.....	530	1,537	2,067	13 00

RECAPITULATION.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.			
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.					
CANADIAN VESSELS.																
<i>Steam and Sail.</i>																
Welland	2,136	122,979	86,294	108,213	1,697	376	330	8,118	170,565	239,686	258,886	498,572	\$ 8,993 72			
St. Lawrence	8,990	944,574	682,088	62,934	4,034	.....	.....	300	52,971	1,007,808	739,093	1,746,901	14,779 53	
Chamby	1,566	43,606	42,598	21,392	.....	.....	.....	70,903	64,998	113,506	178,504	2,271 51	
Burlington Bay	600	71,921	85,463	.....	13,311	.....	.....	25,411	.....	97,332	98,774	196,166	1,961 70
Ottawa	3,379	104,005	295,773	.....	43,489	.....	.....	.....	.....	104,005	339,262	443,267	3,997 24
Rideau	2,331	64,870	83,560	2,521	.....	.....	.....	.....	.....	67,391	83,560	150,951	1,688 51
St. Peter's	1,330	52,193	49,465	.....	.....	.....	.....	.....	.....	52,193	49,465	101,658	2,033 16
Newcastle District	26	530	1,537	.....	.....	.....	.....	.....	.....	530	1,537	2,067	13 00
Total Canadian	20,358	1,404,678	1,326,778	195,060	62,531	376	330	33,829	294,444	1,633,943	1,684,083	3,318,026	35,738 37			
UNITED STATES VESSELS.																
<i>Steam and Sail.</i>																
Welland	1,131	127	832	4,421	1,219	175,267	122,987	5,436	72,096	185,251	197,134	382,385	7,539 76			
St. Lawrence	1,278	1,560	5,822	7,543	3,950	9,858	9,590	53,829	8,812	72,790	28,174	100,964	919 76			
Chamby	1,268	193	1,639	28,305	.....	.....	.....	93,186	28,498	94,825	123,323	1,739 42	
Burlington Bay	4	.....	.....	264	.....	.....	264	.....	264	.....	264	528	5 28
Ottawa	755	8,185	3,176	.....	62,714	.....	.....	381	.....	8,566	65,890	74,456	1,793 42
Rideau	96	493	5,475	1,328	.....	.....	.....	.....	1,821	5,475	7,296	85 25	
Total United States	4,532	10,558	16,944	41,597	68,147	185,125	132,577	59,910	174,094	297,190	391,762	688,952	12,083 00			
Grand Total, Canadian and United States	24,890	1,415,236	1,343,722	236,657	130,678	185,501	132,907	93,739	468,538	1,931,133	2,075,845	4,006,978	47,821 37			

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INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

E. MIALL,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 37½.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation, 1882 and 1883, with the amounts 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.		
1882.												
Welland Canal	41,645	81,628	59,234	2,708	172,520	110,286	8,893	314,329	282,292	508,351	790,643	\$ 140,177 84
St. Lawrence Canals.....	239,489	483,134	28,791	17,944	1,466	2,112	58,310	79,813	328,047	583,603	911,050	76,957 97
Chambly Canal.....	25,321	7,329	118,949	5,105	.....	.....	.....	112,112	144,270	119,441	263,711	25,190 79
Rideau Canal.....	83,451	19,869	.....	.....	.....	.....	.....	.....	88,556	19,869	108,425	6,544 64
Ottawa Canals	2,374	554,614	.....	233,412	.....	.....	.....	.....	2,374	788,026	790,400	63,179 78
Burlington Bay Canal.....	20,489	36,128	.....	1,976	.....	.....	48,736	.....	69,225	38,104	107,329	3,200 42
St. Peter's Canal	2,181	6,178	.....	.....	.....	.....	.....	.....	2,181	6,178	8,359	833 83
Newcastle District Canals.....	19,783	.....	.....	.....	.....	.....	19,783	.....	19,783	.....	19,783	411 31
1883.												
Welland Canal	48,590	84,506	42,044	7,519	257,699	174,912	19,845	370,041	368,178	636,978	1,005,156	\$ 182,060 72
St. Lawrence Canals.....	170,700	496,306	14,015	11,253	1,876	1,556	53,299	107,782	239,890	616,836	856,786	75,869 18
Chambly Canal.....	21,364	6,479	97,707	.....	.....	.....	.....	106,729	119,071	113,208	232,279	22,193 39
Rideau Canal.....	67,200	20,254	3,853	.....	.....	.....	.....	.....	71,053	20,254	91,307	5,314 61
Ottawa Canals	4,033	494,210	.....	245,031	.....	.....	.....	.....	4,033	739,241	743,274	59,936 58
Burlington Bay Canal.....	10,002	17,894	.....	2,651	.....	.....	50,488	.....	60,490	20,545	81,035	1,966 98
St. Peter's Canal	3,100	12,595	3,100	12,595	15,695	2,190 11
Newcastle District Canals.....	9,473	437	9,473	437	9,910	165 03

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INLAND REVENUE DEPARTMENT,
OTTAWA, 1st April, 1884.

E. MIALL,
Commissioner.