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SUPPLEMENT No. 1

TO THE

INLAND REVENUE REPORT

FOR YEAR ENDED 30TH JUNE, 1877.

CANAL STATISTICS

FOR SEASON OF NAVIGATION, 1877.



OTTAWA :

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1878.



THE GREAT REVOLUTION

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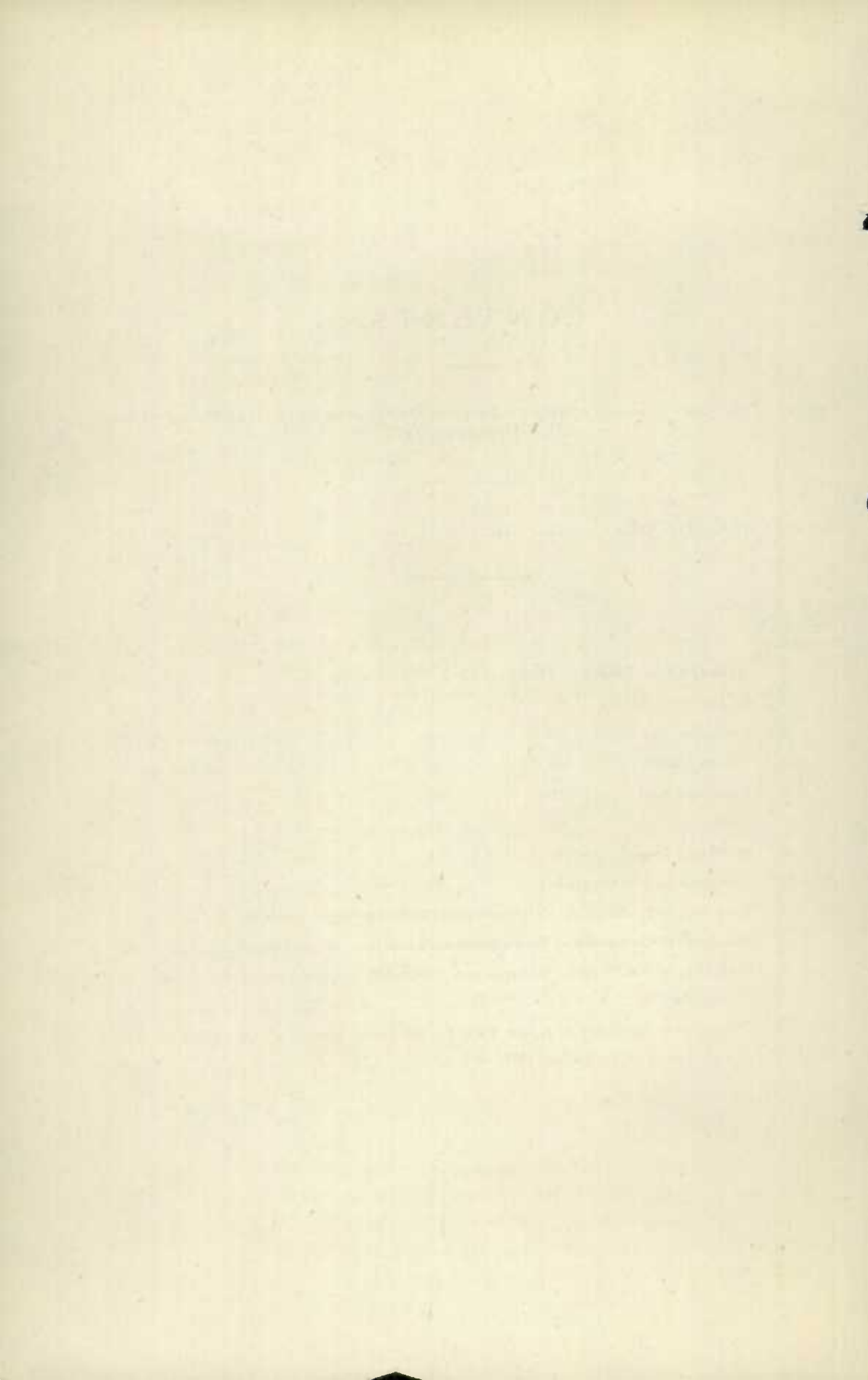
THE GREAT REVOLUTION

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31st December, 1877.

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SUPPLEMENT No. 1,

TO THE

REPORT

OF THE

COMMISSIONER OF INLAND REVENUE.

To the Honorable
The Minister of Inland Revenue.

SIR,—I have now the honor to submit my Report on the Canal Statistics for the Season of Navigation of 1877.

1. The Statistics for the Season of 1876 are printed with the Annual Report of the Department; and comparing them with those now submitted, it will be seen that the aggregate revenue accrued has increased in 1877, as compared with that of the preceding year, by \$6,123.47. This increase is accounted for as follows:—

	Decrease.	Increase.
	\$ cts.	\$ cts.
On the Welland Canal.....		25,790 43
do St. Lawrence Canals.....	19,340 65	.....
do Burlington Bay Canal.....		236 70
do Chambly Canal.....	1,559 00	.....
do Rideau Canal	508 53	.....
do Ottawa Canals.....		1,856 55
do St. Peter's Canal.....	32 82	.....
do Newcastle District Canals..	319 21	.....
	21,760 21	27,883 68

Showing a net increase of. 6,123 47

or about 1.65 per cent.

2. In continuation of the statistical comparisons which were given last year of the quantities of the principal articles carried through the Welland Canal, with the quantities of similar articles carried over the routes in the United States in competition with that work, similar statements will be found printed herewith.

Comparisons
with New-
York Canals.

4. The movement of *Heavy Goods*, including iron, salt, coal and Heavy goods
 ron ore, shows the following result:—

	1870.		1871.		1872.		1873.		1874.		1875.		1876.		1877.	
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.
New York Canals.....	15.09		1.12	18.01			19.37			3.14		8.55		41.52		11.33
Welland Canal.....		2.35	5.81		5.11	25.113			44.44		1.52	9.08			7.47	

Vegetable
Food cleared
downwards.

5. Making a similar comparison of the tonnage of similar articles of Vegetable Food cleared downwards at Buffalo and Tonawanda, with the quantities cleared eastward at Port Colborne, we have the following result:—

	1870.		1871.		1872.		1873.		1874.		1875.		1876.		1877.	
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.
At Buffalo and Tonawanda...	2.05		67.29		67.55		82.10		47.18		29.38		0.39		55.52	
At Port Colborne.....	17.15		33.30		26.61		9.45		26.26		1.45		14.33			25.87

6. The quantities of Vegetable Food passed through the Welland Canal in transit between ports in the United States has largely decreased, as will be seen by the following statement, and the decrease in 1877 is greater as compared with 1869 than in any preceding year. There has also been a decrease in the quantities of Heavy Goods.

Goods in transit between ports in the United States.

	1870.		1871.		1872.		1873.		1874.		1875.		1876.		1877.	
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.
Vegetable Food .....	.....	0 04	13 94	.....	6 19	.....	29 86	.....	14 04	.....	13 65	.....	16 11	.....	49 68	.....
Heavy Goods.....	1 20	.....	5 32	.....	15 46	.....	13 70	.....	23 46	.....	7 03	.....	11 56	.....	3 04	.....

Proportion of freight carried by New-York canals and competing Railways.

7. On reference to the returns made by the railways to the State authorities of New York, and to the canals 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:—

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

It will thus be seen that although, as will presently appear, the total quantity of freight carried by the canals and railways was less in 1876 by more than one hundred and fifty-three thousand tons than the quantity carried in 1875, the railways still succeeded in increasing the proportion carried by them.

The quantities carried are as follows:—

	Total Tonnage.	Proportion by Canals.
In 1859.....	5,485,076	.6890
1869.....	12,453,174	.4705
1870.....	15,148,274	.3895
1871.....	15,844,152	.3896
1872.....	16,631,609	.4012
1873.....	18,200,208	.3497
1874.....	18,283,547	.3174
1875.....	17,101,758	.2841
1876.....	16,948,627	.2462

The above figures are the latest I have been able to obtain in a reliable form. By reference to the figures in Statement G. as to the quantity of Vegetable Food carried to tide-water, it will be observed that the quantity carried by canals has increased fifteen per cent. as compared with 1869, and twenty-nine per cent. as compared with the previous year, and the quantity carried by railways has increased nearly one hundred and twenty-nine and a quarter per cent. as compared with 1869, and a decrease of thirteen and a quarter per cent. as compared with the previous year.

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

Proportion of
Vegetable
Food carried
by New York
canals and
competing
Railways.

	Canals.	Railways.	Total.	Proportion by Canals.
1869.....	1,302,613	1,087,809	2,390,422	·345
1870.....	1,295,010	1,766,457	3,061,467	·423
1871.....	1,850,198	2,205,580	4,055,787	·456
1872.....	1,674,320	1,870,614	3,544,934	·472
1873.....	1,745,171	2,036,992	3,782,163	·461
1874.....	1,767,598	2,791,517	4,559,115	·387
1875.....	1,305,550	2,343,241	3,648,791	·357
1876.....	1,064,293	2,875,803	3,940,096	·270
1877.....	1,498,984	2,493,683	3,992,667	·375

I have the honor to remain, Sir,
Your obedient servant,

A. BRUNEL,
Commissioner.

DEPARTMENT OF INLAND REVENUE,
31st January, 1878.

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

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.									
Flour.....	71,051	54,978	41,211	20,534	19,307	29,134	17,635	9,290	8,923
Wheat.....	670,534	658,524	748,549	493,903	803,064	772,163	744,293	416,376	448,043
Corn.....	256,475	193,129	672,037	902,753	637,296	519,203	282,031	365,254	723,458
Barley.....	99,012	123,191	113,992	120,661	70,586	98,654	104,475	96,494	139,433
Oats.....	92,309	117,941	129,891	92,959	70,023	59,408	62,717	52,147	66,045
Rye.....	13,489	19,520	34,563	13,357	30,160	8,215	8,309	19,949	35,948
Other Vegetable Food.....	99,743	127,727	109,935	120,753	114,735	280,821	86,090	104,783	77,114
Total	1,302,613	1,295,010	1,850,198	1,674,320	1,745,171	1,767,598	1,365,550	1,064,293	1,498,984
Increase } per cent. as compared with Decrease } 1869.			42.03	28.53	33.97	35.69	0.22		15.07
		0.58						18.29	
HEAVY GOODS.									
Railway Iron.....	137,677	135,930	178,269	161,667	53,363	24,511	36,603	11,691	10,341
Other Iron.....	79,652	89,708	100,310	96,996	63,581	82,955	95,305	69,450	58,828
Salt.....	263,333	266,740	248,709	248,553	216,706	173,590	186,785	114,070	156,918
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
Ores.....	183,992	238,802	289,952	377,592	415,968	232,544	283,219	173,530	250,573
Total	1,989,062	2,289,365	2,011,277	2,347,403	2,374,477	1,926,762	1,819,003	1,405,439	1,763,541
Increase } per cent. as compared with Decrease } 1869.		15.09	1.12	18.01	19.37		3.14	8.55	41.52
									11.33

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.

D.—TABLE showing the Tonnage of the undermentioned articles moved through the Welland Canal through a series of Nine Years, ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.									
Flour.....	45,674	42,741	47,403	27,623	29,780	29,361	17,681	15,759	14,968
Wheat.....	313,825	432,162	435,166	297,222	303,507	378,591	340,345	261,030	182,698
Corn.....	120,569	84,252	164,599	364,263	194,550	198,000	127,688	119,506	169,233
Barley.....	20,951	34,001	13,788	14,719	6,174	7,729	14,067	37,057	22,293
Oats.....			2,460	7,700	3,272	3,023	4,192	14,553	13,066
Rye.....	904	1,036	954	3,737		516	417	643	1,531
Other Articles.....	1,937	2,557	3,706	8,179	2,367	5,338	7,600	6,474	2,778
Total.....	503,860	596,749	668,076	623,448	540,050	622,558	511,990	455,022	406,567
Increase } per cent. as compared with Decrease } 1869.		18.43	32.59	23.73	7.18	23.55	1.61	9.69	19.3
HEAVY GOODS.									
Railway Iron.....	68,064	60,110	62,720	41,167	18,815	4,702	5,962	1,523	3,767
Other Iron.....	16,924	20,433	24,676	19,677	17,518	18,374	10,428	7,392	6,280
Salt.....	91,575	83,289	92,252	47,766	40,721	44,264	19,198	17,437	23,188
Iron and Salt, having paid full toll on St. Lawrence Canals.....	37,153	37,138	39,062	53,691	55,302	32,435	21,814	24,154	25,580
Coal.....	103,126	98,472	125,119	136,480	245,622	372,979	269,659	328,403	324,785
Ores.....	58,781	67,334	53,624	57,615	92,069	69,815	42,896	32,563	22,387
Total.....	375,623	366,776	397,453	356,396	470,047	542,569	369,957	411,472	405,987
Increase } per cent. as compared with Decrease } 1869.		2.35	5.81	5.11	25.113	44.44	1.52	9.8	7.47

E.—TABLE showing the Tonnage of the undermentioned Articles cleared at Buffalo and Tonawanda for transit through the Erie Canal for a series of Nine Years ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.									
Flour	5,609	8,258	5,607	.....	6	.....	5,859	231	1,710
Wheat	490,904	502,158	570,819	330,032	737,167	650,161	695,315	377,317	398,416
Corn	219,874	165,577	579,709	866,169	611,675	459,728	273,006	356,064	709,723
Barley	1,978	19,944	19,810	41,515	8,636	3,192	1,156	6,335	26,351
Oats	63,728	89,156	106,391	73,572	51,615	44,079	36,609	26,488	54,559
Rye	2,150	10,593	27,622	5,900	22,441	112	2,242	12,205	27,365
Other Articles	2,193	6,906	5,705	88	634	237	3,372	4,691	4,976
Total	786,436	802,592	1,315,693	1,317,276	1,432,174	1,157,509	1,017,559	783,331	1,223,100
Increase } per cent. as compared {	.....	2.05	67.29	67.60	82.10	47.18	29.38	.....	55.62
Decrease } with 1869. {	.....	.....	.....	.....	.....	.....	.....	0.39	.....

AIX.

SUPPLEMENT to the above showing the Shipments at Oswego during the same period.

Flour	7,361	11,440	10,043	4,773	4,061	.....	1,728	987	855
Wheat	141,360	115,732	123,173	57,865	53,361	108,288	32,690	21,890	28,955
Corn	28,585	10,120	70,218	27,148	10,578	46,127	3,034	1,324	3,308
Barley	66,794	77,906	72,675	62,172	46,337	77,007	75,083	63,336	80,306
Oats	1,113	3,953	1,806	684	670	1,103	3,308	117	316
Rye	8,669	7,402	6,250	6,751	6,019	7,053	4,989	5,703	6,603
Other Articles	14,033	11,628	13,259	10,425	10,739	3,747	5,931	6,038	6,556
Total	267,815	238,181	297,424	169,818	131,765	243,325	126,763	99,975	126,899
Increase } per cent. as compared {	.....	.....	11.05	.....	.....	.....	.....	.....	.....
Decrease } with 1869. {	.....	11.06	.....	36.58	50.80	9.14	52.67	62.67	52.61

F.—Table showing the Tonnage of the undermentioned Articles cleared downwards at Port Colborne during a series of Nine Years ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.									
Flour.....	44,110	41,694	45,867	27,138	29,775	29,358	17,645	15,759	14,928
Wheat.....	310,090	428,749	418,917	290,859	292,148	370,091	333,903	254,828	175,018
Corn.....	119,541	83,418	163,104	262,643	194,950	197,873	127,665	119,234	169,233
Barley.....	3,920	6,500	7,366	8,543	2,965	2,147	377	813	6,426
Oats.....				7,561	3,257	3,019	4,191	14,553	13,066
Rye.....	680	757	804	3,695		3		643	1,497
Other Articles.....	1,541	1,081	3,635	7,175	2,166	3,425	3,100	5,285	2,076
Total.....	479,882	562,199	639,693	607,614	525,261	605,916	486,881	411,115	381,244
Increase..... } Per cent. as compared {		17.15	33.3	26.61	9.45	26.26	1.45		
Decrease..... } with 1869. {								14.33	25.87

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 Nine Years ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.									
Flour.....	30,681	25,353	20,876	14,651	11,079	9,489	6,555	3,077	4,772
Wheat.....	211,085	224,480	222,866	152,905	134,158	151,983	190,137	117,337	92,309
Corn.....	91,149	80,409	132,200	129,146	86,417	122,045	86,479	52,164	70,878
Barley.....	2,942	5,543	5,451	6,669	1,677	1,634	.....	2,641	543
Oats.....	.....	.....	1,987	7,478	3,110	3,017	3,928	4,511	340
Rye.....	667	1,036	917	3,612	.....	3	.....	643	568
Other Articles.....	1,006	563	789	2,168	302	1,943	4,374	1,512	345
Total.....	337,530	337,384	384,585	316,619	236,743	290,114	291,473	181,885	169,836
Increase.. } per cent. as compared Decrease.. } with 1869. {	.....	0.04	13.94	6.19	29.86	14.04	13.65	46.11	49.63
HEAVY GOODS.									
Railway Iron.....	63,064	59,906	62,124	40,109	16,706	2,698	5,672	20	3,722
Other Iron.....	14,334	17,433	18,761	14,294	14,534	11,762	7,150	3,903	4,551
Salt.....	89,086	81,474	90,135	46,594	40,377	43,673	18,653	17,094	22,378
Coal.....	28,566	27,320	42,882	54,011	132,958	192,962	163,931	211,114	171,937
Ores.....	35,912	52,678	34,634	44,563	63,735	40,233	18,977	31,220	26,199
Total.....	235,962	238,811	248,535	199,481	268,310	291,328	219,383	263,351	228,787
Increase.. } per cent. as compared Decrease.. } with 1869. {	.....	1.02	5.32	15.46	13.07	23.46	7.03	11.56	3.04

G.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals, and on the two Principal Railways competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Nine Years ending 30th June, 1877.

3—B*

	1869. Tons.	1870. Tons.	1871. Tons.	1872. Tons.	1873. Tons.	1874. Tons.	1875. Tons.	1876. Tons.	1877. Tons.
Total on New York Canals.....	1,302,613	1,295,010	1,850,198	1,674,320	1,745,171	1,767,598	1,305,550	1,064,293	1,498,984
Increase } per cent. as compared {			42.03	28.53	33.97	35.69	0.22		15.07
Decrease } with 1869. {		0.58						18.29	
Total on Welland Canal.....	593,860	596,749	668,076	623,448	540,050	622,558	511,990	455,022	406,567
Increase } per cent. as compared {		18.43	13.59	23.73	7.18	23.55	1.61		
Decrease } with 1869. {								9.69	19.3
Total on New York Central and Erie Railways.....	1,087,809	1,766,457	2,205,589	1,870,614	2,036,992	2,791,517	2,343,241	2,875,803	2,493,683
Increase } per cent. as compared {		62.36	102.75	71.96	87.25	156.62	115.4	165.40	129.23
Decrease } with 1869. {									
Quantity cleared at Buffalo and Tona- wanda by Erie Canal.....	786,436	802,592	1,315,693	1,317,276	1,432,174	1,157,509	1,017,559	783,331	1,223,100
Increase } per cent. as compared {		2.05	67.29	67.50	82.1	47.18	29.38		55.52
Decrease } with 1869. {								0.39	
Quantity cleared at Oswego by Canal...	267,815	238,181	297,424	169,818	131,765	243,325	126,763	99,975	126,899
Increase } per cent. as compared {			11.05						
Decrease } with 1869. {		11.06		36.59	50.8	9.15	52.71	62.7	52.61
Quantity cleared through the Welland Canal in transit between ports in the United States.....	337,530	337,354	384,585	316,619	236,743	290,114	291,473	181,885	169,836
Increase } per cent. as compared {			13.94						
Decrease } with 1869. {		0.04		6.19	29.86	14.04	13.65	46.5	49.68

II 1.—COMPARATIVE STATEMENT for Years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1876.....				5,796 02	23,105 65
do 1877.....			636 30	7,323 43	32,960 37
Increase.....			636 30	1,527 41	9,854 72
Decrease.....					
St. Lawrence Canals, 1876.....					13,515 61
do 1877.....					8,377 26
Increase.....					
Decrease.....					5,138 35
Chambly Canal, 1876.....					3,394 43
do 1877.....				33 55	3,041 35
Increase.....				33 55	
Decrease.....					353 08
Rideau Canal, 1876.....					959 09
do 1877.....				2 75	947 20
Increase.....				2 75	
Decrease.....					11 89
Ottawa Canals, 1876.....					3,046 44
do 1877.....				19 97	5,412 21
Increase.....				19 97	2,365 77
Decrease.....					
Burlington Bay Canal, 1876.....				44 64	391 30
do 1877.....				82 97	525 62
Increase.....				38 33	134 32
Decrease.....					
St. Peter's Canal, 1876.....					
do 1877.....					
Increase.....					
Decrease.....					
Newcastle District Canals, 1876.....					
do 1877.....				3 50	49 32
Increase.....				3 50	49 32
Decrease.....					
Total Increase.....			636 30	1,625 51	6,900 81
Total Decrease.....					

REVENUE.

ending 31st December, 1876 and 1877.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
33,973 92	27,826 92	35,160 45	31,588 81	26,661 76	24,278 63	437 11	208,829 27
31,905 35	31,717 19	32,484 14	38,105 12	31,618 94	26,858 18	1,010 68	234,619 70
.....	3,890 27	.....	6,516 31	4,957 18	2,579 55	573 57	25,790 43
2,068 57	.....	2,676 31	.....	.....	.....	.....	.....
15,729 17	14,036 76	15,323 31	10,803 27	14,103 80	7,790 60	46 07	91,348 59
10,888 77	8,591 03	8,677 44	11,283 28	15,350 64	8,752 08	87 44	72,007 94
.....	.....	.....	480 01	1,246 84	961 48	41 37	.....
4,840 40	5,445 73	6,645 87	.....	.....	.....	.....	19,340 65
2,237 08	3,933 97	2,725 61	2,307 74	3,026 16	2,934 98	.....	20,559 97
2,723 88	3,313 91	2,441 38	2,339 18	3,317 06	1,790 66	.....	19,000 97
486 80	.....	.....	31 44	290 90	.....	.....	.....
.....	620 06	284 23	.....	.....	1,144 32	.....	1,559 00
1,219 91	882 96	658 75	618 40	685 11	530 73	89 45	5,644 40
843 74	773 00	962 45	646 15	597 26	350 64	12 68	5,135 87
.....	.....	303 70	27 75	.....	.....	.....	.....
376 17	109 96	.....	.....	87 85	180 09	76 77	508 53
7,423 36	6,763 06	6,902 73	5,493 42	5,819 50	4,427 11	.....	39,875 62
8,523 93	6,666 65	7,407 65	5,590 04	5,345 17	2,766 13	0 42	41,732 17
1,100 57	.....	504 92	96 62	.....	.....	0 42	1,856 55
.....	96 41	.....	.....	474 33	1,669 98	.....	.....
599 88	698 73	647 04	453 64	453 60	302 54	14 10	3,595 47
624 41	639 32	614 81	559 56	463 13	310 54	11 81	3,832 17
24 53	.....	.....	105 92	9 53	8 00	.....	236 70
.....	49 41	32 23	.....	.....	.....	2 29	.....
32 82	.....	.....	.....	.....	.....	.....	32
.....
32 82	.....	.....	.....	.....	.....	.....	32 82
99 84	96 24	162 47	144 69	112 51	17 50	.....	633 25
77 55	28 58	55 60	63 33	13 81	22 35	.....	314 04
.....	.....	.....	.....	.....	4 85	.....	.....
22 29	67 66	106 87	81 36	98 70	.....	.....	319 21
5,728 35	2,498 96	8,936 89	7,176 69	5,843 57	568 49	536 30	6,123 47

Total for year 1876 370,519 39
do 1877 376,642 86

H. 2.—COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lumber passed through the Canals during the Years ended 31st December, 1876 and 1877.

	VEGETABLE FOOD.							Lumber.	Total.	
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	All other.			
	Tons	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.			
Welland Canal	1876	15,778	201,906	144,501	18,455	24,496	1,454	3,198	111,146	520,934
	1877	13,558	253,953	169,196	19,870	2,810	2,439	2,355	65,202	529,383
	Increase, 1877		52,047	24,695	1,415		985			8,449
	Decrease, 1877	2,220			21,686		843		45,944	
St. Lawrence Canals	1876	31,023	183,644	114,063	4,810	44,132	3	43,159	94,538	515,372
	1877	11,514	208,007	136,566	25,865	6,276	631	33,539	74,098	496,436
	Increase, 1877		24,363	22,443	21,055		628			
	Decrease, 1877	19,509			37,856		9,620		20,440	18,936
Chambly Canal	1876	535		11	4,209	2,427		2,218	44,971	54,371
	1877	387			1,944	1,975		1,202	37,415	45,923
	Increase, 1877							1,984		
	Decrease, 1877	148		11	2,265	452		7,556		8,448
Rideau Canal	1876	300	333	81	57	1,392	72	1,083	10,915	14,233
	1877	262	210	432	4	109	269	333	13,828	15,447
	Increase, 1877			351			197		2,913	1,214
	Decrease, 1877	38	123		53	1,283		750		
Ottawa Canals	1876	125		1	621	675		3,628	328,402	333,452
	1877	92	102		741	898	35	6,258	347,202	355,328
	Increase, 1877		102		120	223	35	2,630	18,800	21,876
	Decrease, 1877	33		1						

Burlington Bay Canal.	{ 1876	7,295	7,517	.....	2,405	464	.....	5,610	2,064	25,385
	{ 1877	1,278	2,128	.....	2,146	.....	1,348	1,744	1,463	10,107
Increase, 1877.....								1,348		
Decrease, 1877.....		6,017	5,419		259	464		3,876	601	15,278
*St. Peter's Canal.....	{ 1876	56							44	100
	{ 1877									
Increase, 1877.....										
Decrease, 1877.....		56							44	100
Newcastle District Canals	{ 1876								14,483	14,483
	{ 1877								5,721	5,721
Increase, 1877.....										
Decrease, 1877.....									8,762	8,762
Total, Increase.....			70,970	47,477	20,013		3,193			
Total, Decrease.....		28,021				61,518		10,465	61,634	19,985

Total for 1876.....	1,478,330
do 1877.....	1,468,345

CANAL STATISTICS

FOR

SEASON OF NAVIGATION,

1877.

SUPPLEMENTARY APPENDIX A.

No. (A) 24 GENERAL STATEMENT showing the Quantity of each Article transported through the Welland Canal, and the Amount of Revenue collected, during the season of Navigation in 1877.

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.....		88		320	27			29	27	437	464	\$ 44 55
Apples.....		590			14	2		45	14	637	651	27 63
Agricultural Products, not enumerated, Vegetable.....				150	108	53			108	203	311	62 20
Agricultural Products, not enumerated, Animal.....				200	13	16		8	13	224	237	27 40
Agricultural Implements.....	20				240	6			260	6	266	105 40
Barley.....	408	587	8,766	234	480	1,123		8,272	9,654	10,216	19,870	3,873 65
Bricks.....	179	122	28		39	102		116	246	340	586	99 50
Bones.....												
Baggage.....					8				8		8	3 20
Beer.....	6				6	53			12	53	65	25 90
Brimstone, Crude.....					12				12		12	4 80
Cement and Water Lime.....	6	43			220				226	43	269	48 63
Clay, Lime and Sand.....	110	1,305			14	4		18	124	1,327	1,451	168 88
Coal.....	631	326	5		169,255	3,613	9,584	140,455	179,475	144,391	323,869	62,977 12
Corn.....		2,331			11	65,249		101,605	11	169,185	169,196	33,838 45
Cattle.....					10	1			10	1	11	2 20
Cotton, Raw.....												
Coffee.....	1				55				56		56	22 05
Crockery.....	1				35				36		36	14 40
Dye Wood and Dye Stuffs.....	10		1		715				726		726	288 65
Earthenware.....	22		8		20	16			50	16	66	26 05
Fish.....	30		166		896	4			1,092	4	1,096	219 20
Flax and Hemp.....					1,217				1,217		1,217	243 40
Flour.....		10,077				3,342		139		13,558	13,558	1,113 78
Furniture.....	3	4			28	92		4	31	100	131	51 85
Gypsum.....	3	806		250		250			3	1,306	1,309	154 43
Glass, Window.....	45		8			5			53	5	58	21 45
Glassware.....	1		2		5	115			8	115	123	49 20

Hay, Pressed.....				50				50		50	10 00
Hogs.....											
Horses.....				52	18			52	18	70	14 00
Hides and Skins, Horns and Hoofs.....	1	25		2	76		25	3	176	129	22 14
Ice.....											
Iron, Railway.....	459		195	8,976				9,630		9,630	1,917 25
do Pig.....	370		336	940	273		10	1,616	283	1,929	327 20
do All other.....	87		7	7,159	316		198	7,253	514	7,767	1,547 36
Iron Ore.....			1,071	33,632				34,703		34,703	1,735 15
Kryolite or Chemical Ore, and other Ore, except Iron.....											
Lard and Lard Oil.....	2	3			53		4	2	69	62	12 40
Meats, all kinds.....		398			344				742	742	80 15
Meats, other than Pork.....		9			32		4		45	45	9 00
Marble.....	2			1,900				1,902		1,902	760 80
Manilla.....	4	5	29	496				529	5	534	211 85
Molasses.....	3			1,519				1,522		1,522	607 75
Nails.....	114		60	19	80		82	193	162	355	138 20
Oats.....		112			2,314		384		2,810	2,810	560 75
Oil, in Barrels.....	37	494	6	616	1,891		487	659	2,872	3,531	1,408 70
Oil Cake.....				1				1		1	0 20
Pease.....		254		20	177		22	20	453	473	83 80
Potatoes.....	223		233	32	1			488	1	489	65 27
Pork.....		3			220		80		303	303	60 60
Paint.....	38		1	282	7			321	7	328	131 20
Pitch and Tar.....				3				3		3	1 20
Rags.....	47		16	830	10	194		1,087	10	1,097	390 60
Rye.....	34				258		2,147	34	2,405	2,439	481 85
Rosin.....	4			39		15		58		58	10 05
Salt.....	17	488	25	8,336				327	8,378	815	9,193
Stone, intended for cutting.....		325		160	113		3,596	169	4,034	4,194	816 38
do unwrought.....				30	68	155	474	185	542	727	286 40
do not suitable for cutting, unwrought.....	2,657	14,814	1,118	569				4,344	14,814	19,158	1,030 76
Seeds, all kinds.....				40	142		27	40	169	209	40 48
Sheep.....				1				1		1	0 20
Soda Ash.....	69		36	349	12			454	12	466	166 80
Steel.....	6	10		18				24	10	34	9 75
Sugar.....	108		13	2,598				2,719		2,719	1,075 50
Spirits.....	22	64	16	81	112		64	119	240	359	133 45
Tobacco, Raw.....	1			1	34		7	2	41	43	8 43
Tallow.....				112	11			112	11	123	24 60
Tin.....	17		40	688				745		745	297 30
Turpentine.....											
Vinegar.....	1		5		1			6	1	7	1 75
Wheat.....	4,859	15,007	200	154		107,396	126,337	5,059	248,894	253,953	49,609 93
White Lead.....	23		4	58	16			85	16	101	40 40

Timber, square, in vessels.....	60	10,729		180		12,868		85,544	60	109,721	109,781	16,441 92
do in rafts.....	100	354				1,448		70	100	1,872	1,972	405 34
Traverses.....												
Woodenware and Wood partly manufactured.....		157		185	25			37	185	219	404	132 20
Total Freight paying Tolls.	22,632	125,466	13,907	7,545	251,722	234,634	11,890	495,564	300,151	863,209	1,163,360	205,884 25
Iron, Iron Ore, &c., having paid full toll on the St. Lawrence, Chambly and Rideau Canals, Free.....	1,547		3,006		7,485				12,038		12,038	
Timber passed free from Wel- lund to Port Robinson.....												
Grand Total Freight	24,179	125,466	16,913	7,545	259,207	234,634	11,890	495,564	312,189	863,209	1,175,398	

Total Tolls on Vessels.....	26,874 33
do Passengers.....	445 57
do Free Goods.....	\$1,196 85
Fines, Damages and other Receipts.....	1,415 55
Total Revenue, exclusive of Hydraulic Rents.....	234,619 70

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 25.—GENERAL STATEMENT showing the Quantity of each Article transported through the St. Lawrence Canals and the Amount of Revenue collected during the Season of Navigation in 1877.

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	13	1,043		187	20			28	33	1,258	1,291	\$ 221 75
Apples	97	5,013				1		15	97	5,020	5,126	742 05
Agricultural products not enumerated, Vegetable.....	1,000	1,189			1				1,001	1,189	2,190	271 13
Agricultural products not enumerated, Animal.....	149	867		135	9			1	158	1,003	1,161	115 42
Agricultural Implements.....	175	42							175	42	217	17 78
Barley	214	17,765				25			214	17,790	18,004	1,999 83
Bricks	3,240	423	89			22	177		3,506	445	3,951	240 67
Bones.....		57		609						666	666	76 19
Baggage.....	369	549							369	549	918	143 59
Beer	238	8	3						241	8	249	28 10
Brimstone, Crude.....												
Cement and Water Lime.....	840	575					114	1,747	954	2,322	3,276	391 42
Clay, Lime and Sand.....	3,205	1,716	34				2,257	353	5,496	2,069	7,565	362 32
Coal.....	53	11,729	320			29		17,810	373	29,568	29,941	4,003 00
Corn.....	1,401	33,342			6	141	211	982	1,618	34,465	36,083	4,619 30
Cattle.....	70	1,028							70	1,028	1,098	76 73
Cotton, Raw.....	93	3							93	3	96	7 16
Coffee.....	7	1					10		17	1	18	2 05
Crockery	764	12	1						765	12	777	163 11
Dye Wood and Dye Stuffs.....	3	2					76		79	2	81	4 86
Earthenware.....	458	4	20						478	4	482	92 68
Fish.....	1,920	170	267				19		2,206	170	2,376	271 76
Flax and Hemp.....	2	45					5		8	45	53	2 34
Flour.....	2,111	9,386				5	12		2,123	9,391	11,514	1,437 02
Furniture.....	178	65			1	1			179	66	245	26 18
Gypsum.....	1,921	242		47			47		1,968	289	2,257	115 26
Glass, Window.....	985		23	25					1,008	25	1,033	198 77
Glassware.....	92	414	7						99	414	513	96 64

Hay, Pressed.....	950	159						950	159	1,109	90 11
Hogs.....		123							123	123	10 33
Horses.....	148	309			2			150	309	459	36 14
Hides & Skins, Horns & Hoofs	29	265			1		12	42	265	307	37 86
Ice.....											
Iron, Railway.....	10,144	350	211				963	11,318	350	11,668	1,633 70
do Pig.....	7,895	25	200				10	8,105	25	8,130	789 43
do all other.....	5,770	2,713	119	56			162	6,051	2,785	8,836	1,051 35
Iron Ore.....	72		156			2,609		203	228	2,812	3,040 152 00
Kryolite or Chemical Ore, and other Ore, except Iron.....		2,077		116					2,193	2,193	109 65
Lard and Lard Oil.....	107	53						107	53	169	18 51
Meals, all kinds.....	427	1,056				2		427	1,058	1,485	125 57
Meats, other than Pork.....	15	92					17	32	92	124	15 79
Marble.....	86						32	118		118	18 65
Manilla.....	39	5	32					71	5	76	15 28
Molasses.....	672	49			145		2,878	3,695	49	3,744	246 89
Nails.....	3,333	124	273			2	2	3,608	126	3,734	802 02
Oats.....	693	4,708		389				693	5,097	5,790	313 37
Oil, in Barrels.....	1,191	662	4			2	131	1,316	664	1,990	296 51
Oil Cake.....	1	2						1	2	3	0 31
Peas.....	3,909	21,836						3,909	21,836	25,745	1,979 31
Potatoes.....	761	219						761	219	980	125 82
Pork.....	515	218				2		515	228	743	70 32
Paint.....	249	5	6				42	297	5	302	52 57
Pitch and Tar.....	81	152	15				1,087	1,183	152	1,335	79 86
Rags.....	564	183	84				36	684	183	867	101 91
Rye.....		631							631	631	94 43
Rosin.....	89	26	21				1,321	1,431	26	1,457	88 68
Salt.....	8,117	30	1,407		1	27		8,627	59	9,586	1,138 30
Stone intended for Cutting.....	58	89					105	163	189	352	34 41
do Wrought.....	15	21	1					152	16	173	34 25
do not suitable for Cutting, unwrought.....	105	3,462						105	3,462	3,567	126 15
Seeds, all kinds.....	11	29						11	29	40	4 68
Sheep.....	3	467						3	467	470	33 18
Soda Ash.....	786	9	3				51	840	9	849	137 17
Steel.....	50	20						50	20	70	13 93
Sugar.....	2,014	19	18				75	2,107	19	2,126	350 81
Spirits.....	655	143	1					656	145	801	135 63
Tobacco, Raw.....	31	1					2	33	8	41	4 83
Tallow.....	12	48					2	14	48	62	8 39
Tin.....	488	14	10				6	504	14	518	104 64
Turpentine.....	3	2					643	646	2	648	33 15
Vinegar.....	26	248						26	248	274	53 24
Wheat.....	1,175	71,662	152			135		886	1,327	72,683	8,930 95
White Lead.....	63		13					76		76	14 65
Whiting.....	148							148		148	29 98

Timber, Square, in vessels.....	60	4,333	40					20	100	4,353	4,453	219 75
do in Rafts.....	70	13,251						960	70	14,211	14,281	457 35
Traverses.....		9,100								9,100	9,100	23 68
Woodenware and Wood partly manufactured.....	330	212						19	330	231	561	184 95
Total Freight paying Tolls	100,840	341,514	4,980	5,436	765	3,951	11,435	28,615	118,020	379,516	497,536	44,663 51
Barley having paid full Toll on the Welland Canal, Free.....		7,861								7,861	7,861	
Corn do do		91,424						8,999		100,423	100,423	
Flour do do		6,646						67		6,707	6,707	
Oats do do		102						384		486	486	
Peas do do		182						21		203	203	
Petroleum do								482		482	482	
Wheat do do		129,756						4,241		133,997	133,997	
Coal, Free as per Order in Council.....	21,558		5		424		69,030		91,017		91,017	
Iron, Pig, Free as per Order in Council.....												
Iron, all other, Free as per Order in Council.....		360								360	360	
Iron Ore, having paid full toll on the Chambly Canal, Free												
Kryolite, Free.....		2,301		113						2,414	2,414	
Grand Total Freight.....	122,398	580,140	4,985	5,549	1,189	3,951	80,465	42,809	209,037	632,449	841,486	

Total Tolls on Vessels.....	14,585 93
do Passengers.....	2,783 57
do Free Goods.....	\$41,670 37
Fines and Damages	683 00
Wharfage and Storage.....	8,552 86
Winterage, Basin Dues and other Receipts.....	739 07
Total Revenue, exclusive of Hydraulic Rents.....	72,007 94

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Burlington Bay Canal, and the amount of Revenue collected during the Season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Ashes, Pot and Pearl.....		265		480						745	745	
Apples.....		330								330	330	
Agricultural Products not enumerated, Vegetable.....	18	8							18	8	26	
Agricultural Products not enumerated, Animal.....	26	9					30		56	9	65	
Agricultural Implements.....	3	74							3	77	77	
Barley.....	207	171		1,768					207	1,939	2,146	
Bricks.....	14		30				65		109		109	
Bones.....												
Baggage.....	60	69							60	69	129	
Beer.....	19	11							19	11	30	
Brimstone, Crude.....												
Cement and Water Lime.....	21						57		78		78	
Clay, Lime and Sand	3						787		790		790	
Coal.....	582	771					51,469		52,051	771	52,822	
Corn.....												
Cattle.....	1	1							1	1	2	
Cotton, Raw.....												
Coffee.....	4						25		29		29	
Crockery.....	79	2							79	2	81	
Dye Wood and Dye Stuffs.....	2						12		14		14	
Earthenware.....	253		7						260		260	
Fish.....	254								256		256	
Flax and Hemp.....												
Flour.....		1,278								1,278	1,278	
Furniture.....	15	6							15	6	21	
Gypsum.....												
Glass, Window.....	61	5	1						65	5	70	
Glassware.....	397	269					4		401	269	670	

Hay, Pressed.....		1						1	1
Hogs.....		26						26	74
Horses.....	48						48		
Hides and Skins, Horns and Hoofs.....		42						42	42
Ice.....									
Iron, Railway.....	5,436	529	18			33	5,487	529	6,016
do Pig.....	1,706	20				1,905	3,611	20	3,631
do All other.....	1,037	517	7			26	1,070	517	1,587
Iron Ore.....									
Kryolite or Chemical Ore, and other Ore excepting Iron.....									
Lard and Lard Oil.....	7	4					7	4	11
Meals, all kinds.....		12						12	12
Meats other than Pork.....		12						12	12
Marble.....	12	13				65	77	13	90
Manilla.....	7						7		7
Molasses.....	210	38				154	364	38	402
Nails.....	1,544					19	1,563		1,563
Oats.....									
Oil, in barrels.....	110	81				28	138	81	219
Oil Cake.....	3						3		3
Pease.....	120	303	925				120	1,228	1,348
Potatoes.....	50	4					50	4	54
Pork.....	8	74					8	74	82
Paint.....	68	1	2			4	74	1	75
Pitch and Tar.....	9					2	11		11
Rags.....	3	21					3	21	24
Rye.....			243					243	243
Rosin.....	9					279	288		288
Salt.....	330					10	340		340
Stone intended for cutting.....	248	2				1,427	1,675	2	1,677
do wrought.....									
do not suitable for cutting, unwrought.....									
Seeds, all kinds.....		3						3	3
Sheep.....									
Soda Ash.....	110					56	166		166
Steel.....									
Sugar.....	549	20				297	846	20	866
Spirits.....	136	71					136	71	207
Tobacco, raw.....	15	21				1	16	21	37
Tallow.....		1						1	1
Tin.....	55						55		55
Turpentine.....	14					8			22
Vinegar.....	1	363					1	363	364
Wheat.....		1,485	213			430	430	1,698	2,128
White Lead.....	37						37		37

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Burlington Bay Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Whiting	24								24		24	
Wool	26	21							26	21	47	
All other Goods and Merchandise not enumerated.....	3,244	1,707	1	5			335		3,580	1,712	5,292	
Bark												
Barrels, empty.....	33								33		33	
Boat Knees.....												
Floats												
Fire Wood, in vessels.....	282								282		282	
do in rafts.....												
Hoops												
Hop Poles												
Lumber, sawn, in vessels.....	476			987					476	987	1,463	
do in rafts.....												
Masts, Spars and Telegraph Poles, in vessels.....		250								250	250	
Masts, Spars and Telegraph Poles, in rafts.....												
Railway Ties, in vessels.....												
do in rafts.....												
Saw Logs.....												
Staves and Headings, barrels.....												
do pipe.....		432								432	432	
do West India.....		208								208	208	
Staves, salt barrel.....												
Shingles				233						233	233	
Split Posts and Fence Rails, in vessels.....												
Split Posts and Fence Rails, in rafts.....												

Timber, square, in vessels.....		2,580						2,580	2,580	
do in rafts		8,140						8,140	8,140	
Traverses										
Woodenware and Wood partly manufactured.....	75	13					75	13	88	
Total Freight, free, per Order in Council.....	18,064	20,284	66	4,854		57,530	75,660	25,138	100,798	
Total Tolls on Vessels.....										3,832 17

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—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 1877

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.....		95								95	95	\$ 16 15
Apples.....		25								25	25	1 67
Agricultural Products not enumerated—Vegetable.....	13	71							13	71	84	5 74
Agricultural Products not enumerated—Animal.....	1	380		100					1	480	481	48 54
Agricultural Implements.....	2	12							2	12	14	1 30
Barley.....		741								741	741	50 82
Bricks.....	11	84							11	84	95	2 38
Bones.....		83								83	83	15 02
Baggage.....	20	116							20	116	136	11 65
Beer.....	39								39		39	1 95
Brimstone, Crude.....												
Cement and Water Lime.....	4	1,351							4	1,351	1,355	126 16
Clay, Lime and Sand.....		5,452								5,452	5,452	217 24
Coal.....												
Corn.....												
Cattle.....	1	437							1	437	438	29 37
Cotton, Raw.....												
Coffee.....												
Crockery.....												
Dye Wood and Dye Stuffs.....												
Earthenware.....												
Fish.....	1	2							1	2	3	0 17
Flax and Hemp.....												
Flour.....	52	40							52	40	92	4 26
Furniture.....	5	57							5	57	62	3 23
Gypsum.....												
Glass, Window.....												
Glassware.....		1								1	1	0 10

Hay, Pressed.....		50					50	50	1 50
Hogs.....		56					56	56	3 86
Horses.....	28	206					28	206	234 14 18
Hides and Skins, Horns and Hoofs.....		31					31	31	2 60
Ice.....									
Iron, Railway.....	20	2					20	2	22 0 64
do Pig.....		53						53	53 4 81
do All other.....	5	159					5	159	164 14 49
do Ore.....		112						112	112 5 60
Kryolite or Chemical Ore, and other Ore, except Iron.....		569						569	569 31 00
Lard and Lard Oil.....									
Meals, all kinds.....		1,098						1,098	1,098 101 33
Meats, other than Pork.....									
Marble.....									
Manilla.....		1						1	1 0 10
Molasses.....		2						2	2 0 38
Nails.....	2	2							
Oats.....		898					2	2	4 0 20
Oil, in Barrels.....	5							898	898 64 53
Oil Cake.....							5	5	5 0 60
Pease.....		4,799							
Potatoes.....		336						4,799	4,799 316 29
Pork.....	1	33						336	336 23 29
Paint.....							1	33	34 2 38
Pitch and Tar.....	1	50							
Rags.....		19					1	50	51 9 43
Rye.....		35						19	19 2 69
Rosin.....								35	35 3 24
Salt.....									
Stone intended for cutting.....		2,888							
do wrought.....								2,888	2,888 267 17
do not suitable for cutting, unwrought.....									
Seeds, all kinds.....		18							
Sheep.....		239						18	18 1 25
Soda Ash.....								239	239 16 37
Steel.....									
Sugar.....	6	1							
Spirits.....	14	1						6	1 7 0 40
Tobacco, Raw.....								14	1 15 0 80
Tallow.....		1							
Tin.....								1	1 0 07
Turpentine.....									
Vinegar.....	1								
Wheat.....		102						1	1 0 65
White Lead.....								102	102 9 16

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported through the Ottawa 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.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting												\$ cts.
Wool.....		3								3	3	0 21
All other Goods and Merchandise not enumerated	469	287							469	287	756	50 53
Bark												
Barrels, Empty	1	101							1	101	102	14 09
Boat Knees												
Floats		2,849								2,849	2,849	30 57
Fire Wood, in vessels.....	45	106,599		891					45	107,490	107,535	3,539 86
do in rafts.....		399								399	399	3 99
Hoops		29								29	29	2 90
Hop Poles		769								769	769	29 90
Lumber, sawn, in vessels.....	81	143,856		181,327					81	325,183	325,264	30,636 17
do do rafts.....		21,938								21,938	21,938	640 46
Masts, Spars and Telegraph Poles, in Vessels												
Masts, Spars and Telegraph Poles, in Rafts												
Railway Ties, in vessels												
do rafts												
Saw Logs		901								901	901	24 50
Staves and Headings, Barrel		21								21	21	3 60
do do Pipe.....												
do do West India												
Staves, Salt Barrel												
Shingles		100								100	100	27 95
Split Posts and Fence Rails, in vessels												
Split Posts and Fence Rails, in rafts.....												

Timber, square, in vessels.....									
do in rafts.....		4,879					4,879	4,879	99 58
Traverses.....		922					922	922	5 02
Woodenware and Wood partly manufactured.....		56					56	56	15 30
Total Freight paying tolls.	828	304,417		182,318			828	486,735	487,563
Coal and Stone, free, per Order in Council.....	88						88		88
Grand Total Freight...	916	304,417		182,318			916	486,735	487,651

Total Tolls on Vessels.....									4,719 81
do Passengers.....									428 32
do Free Coal and Stone.....								\$4 84	
do Wharfage and Storage.....									5 22
do Fines and Damages.....									5 00
do Other Receipts.....									8 00
Total Revenue, exclusive of Hydraulic Rents.....									41,732 17

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the amount of Revenue collected, during the Season of Navigation in 1877

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.....			1,126						1,126		1,126	\$ 112 60
Apples.....		158						1,313	1,471		1,471	140 40
Agricultural Products not enumerated, Vegetable.....	726	274							726	274	1,000	33 79
Agricultural Products not enumerated, Animal.....	43	72							43	72	115	3 90
Agricultural Implements.....	2								2		2	0 20
Barley.....		446	1,498						1,498	446	1,944	124 47
Bricks.....	1,138							166	1,138	166	1,304	71 22
Bones.....			1,097						1,097		1,097	109 70
Baggage.....		2								2	2	0 20
Beer.....												
Brimstone, Crude.....												
Cement and Water Lime.....												
Clay, Lime and Sand.....	35	84	115					2,179	150	2,263	2,413	222 34
Coal.....								102,509		102,509	102,509	10,220 79
Corn.....												
Cattle.....		171								171	171	5 84
Cotton, Raw.....												
Coffee.....		3						4		7	7	0 70
Crockery.....												
Dye Wood and Dye Stuffs.....								78		78	78	7 80
Earthenware.....												
Fish.....			10						10		10	1 00
Flax and Hemp.....								6		6	6	0 60
Flour.....	358	18						11	358	29	387	15 85
Furniture.....		2						1		3	3	0 27
Gypsum.....	50								50		50	1 68
Glass, Window.....												
Glassware.....												

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Hay, Pressed.....	1,281	144	1,136				2,417	144	2,561	162 88
Hogs.....										
Horses.....	5	102					5	102	107	3 71
Hides and Skins, Horns and Hoofs.....			64				11	64	11	75 7 50
Ice.....										
Iron, Railway.....	67						1,445	67	1,445	1,512 146 74
do Pig.....			8		11		8	11	19	3 55
do all other.....	1						4,053	1	4,054	522 44
Iron Ore.....						7,395		7,395	7,395	369 75
Kryolite or Chemical Ore, and other Ore, except Iron.....			254				254		254	12 70
Lard and Lard Oil.....										
Meals, all kinds.....	11	96	50				61	96	157	8 90
Meats, other than Pork.....							5	5	5	0 50
Marble.....							32	32	32	3 20
Manilla.....										
Molasses.....	5						2,908	5	2,908	2,913 291 30
Nails.....										
Oats.....	151	1,824					151	1,824	1,975	108 95
Oil, in Barrels.....	1						211	1	211	21 17
Oil Cake.....										
Pease.....		2,443						2,443	2,443	81 51
Potatoes.....		9	122					9	131	13 10
Pork.....							4	4	4	0 40
Paint.....		1					33		34	3 40
Pitch and Tar.....	2						1,157	2	1,159	115 90
Rags.....		1					95		96	9 60
Rye.....										
Rosin.....							1,459		1,459	1,459 145 90
Salt.....	907						262	907	262	1,169 107 30
Stone intended for Cutting.....							1,822		1,822	1,822 182 20
do Wrought.....	13						22	13	22	35 6 09
do not suitable for Cutting, Unwrought.....										
Seeds, all kinds.....										
Sheep.....	8	237					8	237	245	8 71
Soda Ash.....										
Steel.....										
Sugar.....	1						96	1	96	97 9 70
Spirits.....										
Tobacco, Raw.....							5		5	5 0 50
Tallow.....										
Tin.....										
Turpentine.....							657		657	657 65 70
Vinegar.....										
Wheat.....										
White Lead.....										

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported through the Chambly Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....												\$ cts.
Wool.....								161		161	161	10 77
All other Goods and Merchandise not enumerated.....	1,363	426	726			1		1,397	2,089	1,824	3,913	380 21
Bark.....												
Barrels, Empty.....		92								92	92	13 51
Boat Knees.....												
Floats.....			1,200							1,200	1,200	72 00
Firewood, in vessels.....	42	705						390	42	1,095	1,137	26 05
do in rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, sawn, in vessels.....	2,816		34,599							37,415	37,415	2,178 04
do in rafts.....												
Masts, Spars and Telegraph Poles, in vessels.....												
Masts Spars and Telegraph Poles, in rafts.....												
Railway Ties, in vessels.....												
do in rafts.....												
Saw Logs.....												
Staves and Headings, Barrel.....												
do do Pipe.....												
do do W India.....												
Staves, Salt Barrel.....												
Shingles.....	19	1							19	1	20	3 32
Split Posts and Fence Rails, in vessels.....	12							1	12	1	13	0 95
Split Posts and Fence Rails, in rafts.....												

Timber, square, in vessels.....	10'						10'		10'	
do in rafts.....										
Traverses.....			35				35		35	0 70
Woodenware and Wood partly manufactured.....										
Total Freight paying Tolls	9,067	7,311	42,040			7,407	122,493	51,107	137,211	188,218
Coal and Stone, Free, per Or- der in Council.....	120						9,265	120	9,265	9,385
Grand Total Freight.....	9,187	7,311	42,040			7,407	131,758	51,227	146,476	197,703

Total Tolls on Vessels.....										2,722 25
do Passengers.....										96 37
do Free Coal and Stone.....									\$934 50	
Fines and Damages.....										10 00
Total Revenue, exclusive of Hydraulic Rents.....										19,000 97

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported through the Rideau Canal, and the Amount of Revenue collected, during the Season of Navigation in 1877.

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.....	3	58							3	58	61	12 23
Apples.....	27	4							27	4	31	0 79
Agricultural Products, not enumerated, Vegetable.....	160	153							160	153	313	30 77
Agricultural Products, not enumerated, Animal.....	338	860							338	860	1,198	76 94
Agricultural Implements.....	1	66							1	66	67	8 06
Barley.....	4								4		4	0 19
Bricks.....	172	17							172	17	189	4 74
Bones.....		71								71	71	11 18
Baggage.....		8								8	8	0 88
Beer.....	16	3							16	3	19	1 67
Brimstone, Crude.....												
Cement and Water Lime.....	76	194							76	194	270	19 52
Clay, Lime and Sand.....	44	126							44	126	170	4 28
Coal.....	1	2,344							1	2,344	2,344	110 98
Corn.....	90	342							90	342	432	12 79
Cattle.....												
Cotton, Raw.....												
Coffen.....		1								1	1	0 09
Crockery.....	9	1							9	1	10	0 99
Dye Wood and Dye Stuffs.....												
Earthenware.....	32	7							32	7	39	3 47
Fish.....	305	21							305	21	326	8 23
Flax and Hemp.....												
Flour.....	98	164							98	164	262	7 09
Furniture.....	22	46							22	46	68	6 05
Gypsum.....	53	24							53	24	77	1 96
Glass, Window.....	27								27		27	2 39
Glassware.....	3								3		3	0 27

Hay, Pressed									
Hogs									
Horses		1					1	1	0 02
Hides and Skins, Horns and Hoofs	6	23				6	23	29	0 83
Ice									
Iron, Railway	7	4				7	4	11	0 28
do Pig	143					143		143	4 36
do All other	607	209				607	209	816	25 41
Iron Ore	250					250		250	12 50
Kryolite or Chemical Ore, and other Ore, except Iron	2,724	225				2,724	225	2,949	147 45
Lard and Lard Oil	18	5				18	5	23	0 61
Meals, all kinds	6	237				6	237	243	7 51
Meats, other than Pork		11					11	11	0 36
Marble	1					1		1	0 09
Manilla	12					12		12	1 07
Molasses	99	10				99	10	109	9 99
Nails	179	40				179	40	219	20 04
Oats	104	5				104	5	109	3 19
Oil, in barrels	50	73				50	73	123	13 62
Oil Cake									
Pense	6	23				6	23	29	2 29
Potatoes	26	4				26	4	30	1 04
Pork		23					23	23	0 77
Paint		3					3	3	0 35
Pitch and Tar	22	45				22	45	67	5 89
Rags		27					27	27	7 43
Rye	267	2				267	2	269	7 89
Rosin	13					13		13	1 14
Salt	1,209	305				1,209	305	1,514	40 50
Stone, intended for cutting	142	63				142	63	205	5 16
do wrought		25					25	25	3 27
do not suitable for cutting, unwrought									
Seeds, all kinds		7					7	7	0 31
Sheep									
Soda Ash	24					24		24	2 10
Steel	2					2		2	0 18
Sugar	249	52				249	52	301	28 37
Spirits	75	29				75	29	104	9 37
Tobacco, Raw	14	3				14	3	17	0 79
Tallow	1	4				1	4	5	0 32
Tin	14					14		14	1 42
Turpentine									
Vinegar	4	2				4	2	6	0 53
Wheat	80	130				80	130	210	6 06
White Lead	1					1		1	0 09

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported through the Rideau Canal.
&c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....	2								2		2	\$ 0 18
Wool.....	16	2							16	2	18	0 48
All other Goods and Merchandise, not enumerated.....	608	385							608	385	993	99 27
Bark.....	179	37							179	37	216	5 48
Barrels, Empty.....	30	17							30	17	47	2 46
Boat Knees.....												
Floats.....	3,135	1,280							3,135	1,280	4,415	100 80
Firewood, in vessels.....	55,635	7,647							55,635	7,647	63,282	1,186 05
do in rafts.....	234	84							234	84	318	6 64
Hoops.....												
Hop Poles.....	1,559								1,559		1,559	121 50
Lumber, sawn, in vessels.....	10,302	3,470							10,302	3,470	13,772	604 53
do do rafts.....	12	44							12	44	56	2 08
Masts, Spars and Telegraph Poles, in vessels.....												
Masts, Spars and Telegraph Poles, in rafts.....												
Railway Ties, in vessels.....	2,833								2,833		2,833	179 30
do rafts.....		9								9	9	0 75
Saw Logs.....	1,542	1,175							1,542	1,175	2,717	70 23
Staves and Headings, Barrel.....		388								388	388	15 75
do do Pipe.....												
do do West India.....												
Staves, Salt Barrel.....												
Shingles.....	75	1							75	1	76	21 38
Split Posts and Fence Rails, in vessels.....	156	1							156	1	157	21 84
Split Posts and Fence Rails, in rafts.....		1								1	1	0 07

Timber, square, in vessels.....	60	2					60	2	62	1 13
do rafts.....	620	167					620	167	787	55 09
Traverses.....	3,120	3,370					3,120	3,370	6,490	61 20
Woodenware and Wood, partly manufactured.....	63	146					63	146	209	29 90
Total Freight paying tolls..	88,017	24,325					88,017	24,325	112,342	3,284 26
Coal, free, per Order in Council.....	1,700	24					1,700	24	1,724	
Grand Total Freight...	89,717	24,349					89,717	24,349	114,066	

Total Tolls on Vessels.....	1,530 67
do Passengers.....	75 54
Fines and Damages.....	10 00
Wharfage and Storage.....	68 40
Other Receipts.....	167 00
Free Coal.....	\$46 60

Total Revenue, exclusive of Hydraulic Rents..... \$5,135 87

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 30 —GENERAL STATEMENT, showing the Quantity of each Article transported through the St. Peter's Canal, and the Amount of Revenue collected during the Season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.

NOTE.—This canal being closed for enlargement, no business has been done on it during this year.

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

No. (A) 31.—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 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts
Bark												
Firewood (in Vessels).....	7,524								7,524		7,524	127 41
Floats	80								80		80	1 50
Lumber, sawn, (in Vessels)....	5,721								5,721		5,721	34 16
Railway Ties.....	157								157		157	6 50
Saw Logs.....	11,693								11,693		11,693	34 91
Shingles.....	124								124		124	7 75
Split Posts, &c.....												
Timber, square.....	1,268								1,268		1,268	14 25
Traverses.....												
Iron Ore.....	483								483		483	4 83
Stone, unwrought.....	105								105		105	0 60
Total Freight paying Tolls...	27,155								27,155		27,155	231 91
Total Tolls on Vessels.....												82 00
Other Receipts.....												0 13
Total Revenue exclusive of Hydraulic Rents												\$314 04
<p>INLAND REVENUE DEPARTMENT, OTTAWA, 31st December, 1877.</p>												

No. (A) 32.—STATEMENT of Traffic on the Undermentioned Canals, and

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian Vessels, steam.....	193,557	3,124 39	752,765	5,012 09	72,779	324
United States Vessels, steam.....	164,032	2,928 52	27,053	175 53	102	1
Canadian Vessels, sail.....	561,154	11,321 37	758,595	8,271 17	71,283	1,120
United States Vessels, sail.....	425,061	9,500 05	100,249	1,127 14	89,827	1,275
Total, Class No. 1.....	1,343,804	26,874 33	1,638,662	14,585 93	233,991	2,722
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	10,360	445 57	58,817	2,783 57	4,687	96
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	586	99 50	3,951	240 67	1,304	71
Brimstone.....	12	4 80				
Cement and Water Lime.....	269	48 63	3,276	391 42		
Clay, Lime and Sand.....	1,451	168 88	7,565	362 32	2,413	222
Coal.....	323,869	62,957 12	29,941	4,603 00	102,509	10,220
Fish.....	1,096	219 20	2,376	271 76	10	1
Gypsum.....	1,309	154 43	2,257	115 25	50	1
Iron, Railway.....	9,630	1,917 25	11,668	1,633 70	1,512	146
do Pig.....	1,929	327 20	8,130	789 43	19	3
do All other.....	7,767	1,547 36	8,836	1,051 35	4,054	522
Salt.....	9,193	1,835 61	9,586	1,136 36	1,169	107
Stone, for cutting.....	4,194	816 38	352	34 41	1,822	182
Apples.....	651	27 63	5,126	722 05	1,471	140
Barley.....	19,870	3,873 65	18,004	1,990 83	1,914	124
Corn.....	169,196	33,838 45	36,083	4,649 30		
Cotton, Raw.....			96	7 16		
Flax and Hemp.....	1,217	243 40	53	2 34	6	0
Flour.....	13,558	1,118 78	11,514	1,437 02	387	15
Hay, Pressed.....	50	10 00	1,169	90 11	2,561	102
Meals, all kinds.....	742	80 15	1,488	125 57	157	8
Oil Cake.....	1	0 20		0 34		
Oats.....	2,810	560 75	5,792	313 37	1,975	108
Pease.....	473	83 80	25,745	1,679 31	2,443	81
Potatoes.....	489	65 27	980	125 82	131	12
Rye.....	2,439	481 85	631	94 43		
Seeds, all kinds.....	209	40 48	40	4 68		
Tobacco, Raw.....	43	8 43	41	4 83	5	0
Wheat.....	253,953	49,609 83	74,010	8,930 95		
All other Agricultural Pro- ducts, Vegetable.....	311	62 20	2,190	271 13	1,000	30
Bones.....			666	79 19	1,097	104
Cattle.....	11	2 20	1,098	76 73	171	
Hogs.....			123	10 33		
Hides and Skins, Horns and Hoofs.....	129	22 14	307	27 86	75	
Horses.....	70	14 00	459	36 14	107	
Lard and Lard Oil.....	62	12 40	160	18 51		
Meats, other than Pork.....	45	9 00	124	15 79	51	
Pork.....	303	60 60	743	70 32	4	
Sheep.....	1	20	470	33 18	245	
Tallow.....	123	24 60	62	8 39		

APPENDIX A.—Continued.

The Amount of Tolls collected during the Season of Navigation in 1877.

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.
261,109	3,033 63	214,000	746 21	45,587	444 66			4,475	60 00
67,619	676 19			10	0 50			4,202	22 00
106	2 12	176,847	2,413 20	112,790	1,027 34				
12,023	120 23	72,093	1,560 40	6,558	58 17				
340,857	3,832 17	462,940	4,719 81	164,945	1,530 67			8,677	82 00
No.		No.		No.		No.		No.	
30,535		36,446	428 32	3,109	75 54				
Tons.		Tons.		Tons.		Tons.		Tons.	
109		95	2 38	189	4 74				
78		1,355	126 16	270	19 52				
790		5,452	217 24	170	4 28				
52,822				2,344	110 98				
256		3	0 17	326	8 23				
6,916		22	0 64	77	1 96				
3,631		53	4 81	11	0 28				
1,587		164	14 49	143	4 36				
340				816	25 41				
1,677		2,888	267 17	1,514	40 50				
330		25	1 67	205	5 16				
2,146		741	50 82	31	0 79				
				4	0 18				
				432	12 79				
1,278		92	5 26	262	7 09				
		50	1 50						
12		1,098	101 33	243	7 51				
3									
		898	64 53	109	3 19				
1,348		4,799	316 29	29	2 29				
54		336	23 29	30	1 04				
243		35	3 24	269	7 89				
3		18	1 25	7	0 31				
37				17	0 79				
2,128		102	9 16	210	6 06				
26		84	5 74	313	30 77				
		83	15 02	71	11 18				
2		438	29 37						
1		56	3 86						
42		31	2 60	29	0 83				
74		234	14 18	1	0 02				
11				23	0 61				
12				11	0 36				
82		34	2 38	23	0 77				
		239	16 37						
1		1	0 07	5	0 32				

No. (A) 32.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 3.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Wool.....	221	44 20	86	7 44	161	10 77
All other Agricultural Pro- ducts, Animal.....	237	27 40	1,161	115 42	115	3 90
Total, Class No. 3.....	828,519	160,413 07	276,297	31,286 22	128,922	12,321 22
<i>Class No. 4.</i>						
Ashes, Pot and Pearl.....	464	44 55	1,291	221 75	1,126	112 60
Agricultural Implements....	266	105 40	217	17 78	2	0 20
Baggage.....	8	3 20	918	143 59	2	0 20
Beer.....	65	25 90	249	28 10		
Coffee.....	56	22 05	18	2 05	7	0 70
Crockery.....	36	14 40	777	153 11		
Dye Woods and Dye Stuffs..	726	288 65	81	4 86	78	7 80
Earthenware.....	66	26 05	482	92 68		
Furniture.....	131	51 85	245	26 18	3	0 27
Glassware.....	123	49 20	513	96 64		
Glass, Window.....	58	21 45	1,033	198 77		
Marble.....	1,902	760 80	118	18 65	32	3 20
Manilla.....	534	211 85	76	15 28		
Molasses.....	1,522	607 75	3,744	246 89	2,913	291 30
Nails.....	355	138 20	3,734	802 02		
Oil, in Barrels.....	3,531	1,408 70	1,990	296 51	212	21 17
Paint.....	328	131 20	302	52 57	34	3 40
Pitch and Tar.....	3	1 20	1,335	79 86	1,159	115 90
Rags.....	1,097	390 60	867	101 91	96	9 60
Rosin.....	58	10 05	1,457	88 68	1,459	145 90
Soda Ash.....	466	166 80	849	137 17		
Steel.....	34	9 75	70	13 93		
Sugar.....	2,719	1,075 50	2,126	350 81	97	9 70
Stone, Wrought.....	727	286 40	189	34 25	35	6 09
Tin.....	745	297 30	518	104 64		
Turpentine.....			648	33 15	657	65 70
Vinegar.....	7	1 75	274	53 24		
White Lead.....	101	40 40	76	14 65		
Whiting.....	6	2 40	148	29 98		
Whiskey and all other Spirits	359	133 45	801	135 63		
Merchandise, not enumerat'd	9,702	3,645 85	12,610	1,787 07	3,913	380 21
Total, Class No. 4.....	26,195	9,972 65	37,756	5,382 40	11,825	1,173 94
<i>Class No. 5.</i>						
Bark.....	40	4 00	20	0 75		
Barrels, Empty.....	748	140 22	477	81 82	92	13 51
Boat Knees.....			116	2 40		
Floats.....			4,880	85 44	1,200	72 00
Fire Wood, in Vessels.....	57,216	2,679 37	46,332	1,188 10	1,137	26 05
do in Rafts.....	120	7 00				
Lumber, Sawed, in Vessels...	65,202	10,350 26	66,554	3,687 94	37,415	2,178 04
do in Rafts.....			17,544	789 47		

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.
47		3	0 21	18	0 48				
65		481	48 54	1,198	76 94				
75,251		19,910	1,349 74	9,400	397 63				
745		95	16 15	61	12 23				
77		14	1 30	67	8 06				
129		136	11 65	8	0 88				
30		39	1 95	19	1 67				
29				1	0 09				
81				10	0 99				
14									
260				39	3 47				
21		62	9 26	68	6 05				
670		1	0 10	3	0 27				
70				27	2 39				
90				1	0 09				
7		1	0 10	12	1 07				
402		2	0 38	109	9 99				
1,563		4	0 20	219	20 04				
219		5	0 60	123	13 62				
75				3	0 35				
11		51	9 43	67	5 89				
24		19	2 69	27	7 43				
288				13	1 14				
166				24	2 10				
				2	0 18				
866		7	0 40	301	28 37				
				25	3 27				
55				14	1 42				
22									
364		1	0 05	6	0 53				
37				1	0 09				
24				2	0 18				
207		15	0 80	104	9 37				
5,292		756	50 53	993	99 27				
11,838		1,208	105 59	2,349	240 50				
				216	5 48				
33		102	14 09	47	2 46				
		2,849	30 57	4,415	100 80			80	1 50
282		107,535	3,539 86	63,282	1,186 05			7,524	127 41
		399	3 99	318	6 64				
1,463		325,264	30,636 17	13,772	604 53			5,721	34 16
		21,938	640 46	56	2 08				

No. (A) 32.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Hoops	144	36 00	110	11 50		
Railway Ties, in Vessels						
do in Rafts			200	20 00		
Masts, Spars and Telegraph Poles, in Vessels			52	2 60		
Masts, Spars and Telegraph Poles, in Rafts			6,362	174 05		
Square Timber, in Vessels...	109,781	16,441 92	4,453	219 75	10	0 17
do in Rafts	1,972	405 34	14,281	457 35		
Woodenware and Wood partly manufactured	404	132 20	561	184 95		
Shingles	228	93 87	22	4 12	20	3 32
Split Posts and Fence Rails, in Vessels			3	0 30	13	0 95
Split Posts and Fence Rails, in Rafts						
Saw Logs	7,285	274 21	9,780	223 52		
Staves and Headings, Barrel do do Pipe ..	63	10 00	613	42 25		
do do W. India	7,308	1,372 01	888	111 00		
do do Salt Brl.	3,740	722 22	1,584	228 60		
Traverses			9,100	23 68	35	0 70
Hop Poles	534	64 00	751	67 50		
Total, Class No. 5.....	254,785	32,732 62	174,683	7,607 09	39,922	2,294 74
<i>Special Class.</i>						
Kryolite or Chemical Ore			2,193	109 65	254	12 70
Iron Ore	34,703	1,735 15	3,040	152 00	7,395	369 75
Stone unwrought, not suit- able for cutting	19,158	1,030 76	3,567	126 15		
Ice						
Total Special Class ..	53,861	2,765 91	8,800	387 80	7,649	382 45
Total Freight and Tolls.....	1,163,360	233,204 15	497,536	62,033 01	188,318	18,990 97
Timber and other Wood, Free Wheat, Corn, Flour, Iron, Salt, Coal, &c., Free.....	12,038	1,196 85	343,950	41,670 37	9,385	934 50
Grand Totals, Passengers and Tonnage of Vessels not included.....	1,175,398	234,401 00	841,486	103,703 38	197,703	19,925 47

NOTE—St. Peter's Canal being closed for enlargement.

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

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.		\$ sts.		\$ cts.		\$ cts.
		29	2 90						
				2,833	179 30			157	6 50
				9	0 75				
250									
2,580				62	1 13			1,268	14 25
8,140		4,879	99 58	787	55 09				
88		56	15 30	209	29 90				
233		100	27 95	76	21 38			124	7 75
				157	21 84				
				1	0 07				
		901	24 50	2,717	70 23			11,693	34 91
		21	3 60	388	15 75				
432									
208									
		922	5 02	6,490	61 20				
		769	29 90	1,559	121 50				
13,709		465,764	35,073 89	97,394	2,486 18			26,567	226 48
		569	31 00	2,949	147 45				
		112	5 60	250	12 50			483	4 83
								105	0 60
		681	36 60	3,199	159 95			588	5 43
100,798	3,832 17	487,563	41,713 95	112,342	4,890 47			27,155	313 91
		88	4 84	1,724	46 60				
100,798	3,832 17	487,651	41,718 79	114,066	4,937 07			27,155	313 91

no business has been done on it during this year.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 34.—STATEMENT showing the Amount of Tolls accrued each Month during the Season of Navigation ended December, 1877.

Canals and Offices.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
WELLAND CANAL.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chippawa.....	0 25	3 10	23 05	12 17	26 51	2 00	25 99	28 04	1 25	122 36
Culborne.....	4,329 44	21,725 94	22,007 69	21,428 28	24,164 19	28,026 84	21,157 32	17,660 33	743 47	161,243 50
Dalhousie.....	2,420 55	10,333 71	9,062 36	9,535 23	7,634 71	9,065 57	9,764 85	7,988 90	127 85	65,933 73
Dunville.....	31 70	100 39	34 19	0 75	0 75	29 79	72 82	183 81	.....	454 20
Maitland.....	114 14	238 93	151 76	204 68	184 93	222 43	131 50	222 10	28 26	1,498 73
Robinson.....	278 48	288 60	291 91	135 88	184 72	229 89	287 97	186 84	102 09	1,986 38
St. Catharines.....	148 87	269 70	334 39	400 20	288 33	165 93	178 49	171 58	7 76	1,965 25
Total, Welland Canal...	7,323 43	32,960 37	31,905 35	31,717 19	32,484 14	37,742 45	31,618 94	26,441 60	1,010 68	233,204 15
ST. LAWRENCE CANALS.										
Beauharnois.....		211 08	239 07	223 91	211 96	380 09	882 70	408 76	.....	2,557 57
Cornwall.....		1,755 28	2,818 32	1,554 90	1,005 13	1,668 33	2,866 85	2,935 29	2 55	15,606 65
Edwardsburg.....		147 51	39 83	67 97	51 58	56 98	40 19	157 80	8 95	570 86
Kingston.....		2,328 64	2,080 13	1,394 18	1,656 19	3,451 82	3,655 69	940 23	.....	15,506 88
Lachine.....		262 23	268 73	323 40	660 01	824 61	384 19	215 05	.....	2,938 22
Montreal.....		2,862 05	3,884 51	3,553 73	3,728 32	3,488 53	4,506 87	2,804 18	24 64	24,852 83
Total, St. Lawrence Canals.....		7,566 79	9,330 64	7,118 09	7,313 19	9,870 36	13,336 49	7,461 31	36 14	62,033 01
CHAMBLY CANAL.										
Chambly.....		477 51	552 41	433 43	494 28	294 93	666 42	548 58	.....	3,467 56
St. John's.....		2,479 81	2,057 45	2,804 95	1,880 95	1,982 41	2,522 21	1,125 75	.....	14,853 54
St. Ours.....	33 55	84 03	114 02	75 53	66 15	61 84	128 43	106 33	.....	669 88
Total, Chambly Canal...	33 55	3,041 35	2,723 88	3,313 91	2,441 38	2,339 18	3,317 06	1,780 66	.....	18,990 97

BURLINGTON BAY CANAL.										
Hamilton	82 97	525 62	624 41	639 32	614 81	559 56	463 13	310 54	11 81	3,832 17
OTTAWA CANALS.										
Ottawa		2,885 42	5,466 44	3,600 11	4,601 13	2,806 30	2,740 51	1,066 83		23,166 74
Carillon	2 97	42 82	74 16	93 36	94 61	168 94	157 93	93 42		728 21
Grenville		2,267 08	2,687 57	2,503 51	2,188 71	2,160 72	1,966 16	1,286 11		15,059 86
St. Ann's	17 00	216 89	290 54	469 67	515 20	454 08	480 57	314 77	0 42	2,750 14
Total, Ottawa Canals....	19 97	5,412 21	8,518 71	6,666 65	7,399 65	5,590 04	5,345 17	2,761 13	0 42	41,713 05
RIDEAU CANAL.										
Kingston Mills	2 75	375 06	467 73	414 26	376 00	322 66	281 03	96 31	1 55	2,337 35
Ottawa		277 14	235 23	286 32	496 31	236 79	239 54	222 09	10 33	2,003 75
Smith's Falls		116 58	124 34	69 16	80 96	72 32	63 13	22 88		549 37
Total, Rideau Canal.....	2 75	768 78	827 30	769 74	953 27	631 77	583 70	341 28	11 88	4,890 47
St. PETER'S CANAL.										
St. Peter's										
NEWCASTLE DISTRICT CANALS.										
Bobcaygeon		16 82	74 92	28 58	21 95	40 00	4 76			187 03
Peterborough	3 50	32 50	1 50		1 50					39 00
Hastings			1 00		32 15	23 33	9 05	22 35		87 88
Total, Newcastle District Canals.....	3 50	49 32	77 42	28 58	55 60	63 33	13 81	22 35		313 91
Grand Total.....	7,466 17	50,324 44	54,007 71	50,253 48	51,262 04	56,796 69	54,678 30	39,118 87	1,070 93	364,978 63

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 35.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals during the Season of Navigation ended 31st December, 1877, 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.		
\$ est.													
WELLAND CANAL.													
Canadian Vessels, steam.....	628	65,545	33,482	34,241	797	.....	.....	1,166	58,326	100,952	92,605	193,557	3,124 39
do sail.....	2,528	139,310	74,456	137,467	3,751	1,789	345	5,800	198,236	284,366	276,788	561,154	11,321 37
Total Canadian.....	3,156	204,855	107,938	171,708	4,548	1,789	345	6,966	256,562	385,318	369,393	754,711	14,445 76
United States Vessels, steam....	481	.....	63	24	1,100	81,308	78,724	902	1,911	82,234	81,798	164,032	2,928 52
do do sail.....	1,492	1,078	298	20,403	1,757	186,806	106,404	1,876	106,439	210,163	214,898	425,061	9,500 05
Total United States.....	1,973	1,078	361	20,427	2,857	268,114	185,128	2,778	108,350	292,397	296,696	589,093	12,428 57
Grand Total, Welland Canal.	5,129	205,933	108,299	192,135	7,405	269,903	185,473	9,744	364,912	677,715	666,089	1,343,804	26,874 33
ST. LAWRENCE CANALS.													
Canadian Vessels, steam.....	3,219	448,657	285,133	4,665	.....	9	.....	153	14,148	453,484	299,281	752,765	5,012 09
do sail.....	5,077	434,459	314,830	2,344	30	.....	.....	489	6,443	437,292	321,303	758,595	8,271 17
Total Canadian.....	8,296	883,116	599,963	7,009	30	9	.....	642	20,591	890,776	620,584	1,511,360	13,283 26
United States Vessels, steam....	556	129	221	4,918	293	7,411	7,704	370	6,007	12,828	14,225	27,053	175 53
do do sail.....	1,064	3,200	4,610	12,032	8,139	562	1,375	60,992	9,339	76,786	23,463	100,249	1,127 14
Total United States.....	1,620	3,329	4,831	16,950	8,432	7,973	9,079	61,362	15,346	89,614	37,688	127,302	1,302 67
Grand Total, St. Lawrence Canals.....	9,916	886,445	604,794	23,959	8,462	7,982	9,079	62,004	35,937	980,390	658,272	1,638,662	14,585 93

CHAMBLY CANAL.													
Canadian Vessels, steam.....	573	34,340	35,568	410					2,461	34,750	38,029	72,779	324 60
do sail.....	908	14,030	12,427	8,988					35,838	23,018	48,265	71,283	1,120 99
Total Canadian.....	1,481	48,370	47,995	9,398					38,299	57,768	86,294	144,062	1,445 59
United States Vessels, steam.....	5			74				28	74	28	102	102	1 49
do do sail.....	1,067	141	132	14,437			3,164	71,953	14,578	75,249	89,827	89,827	1,275 17
Total United States.....	1,072	141	132	14,511			3,164	71,981	14,652	75,277	89,929	89,929	1,276 66
Grand Total, Chamblly Canal	2,553	48,511	48,127	23,909			3,164	110,280	72,420	161,571	233,991	233,991	2,722 25
<i>Burlington Bay Canal.</i>													
Canadian Vessels, steam.....	1,109	124,774	126,417	782	3,112			6,024	131,580	129,529	261,109	261,109	3,033 63
do do sail.....	374	8,339	15,448		17,886			25,946	34,285	33,334	67,619	67,619	676 19
Total Canadian.....	1,483	133,113	141,865	782	20,998			31,970	165,865	162,863	328,728	328,728	3,709 82
United States Vessels, steam.....	2				51			53	53	53	106	106	2 12
do do sail.....	60	464			6,023			5,536	6,000	6,023	12,023	12,023	120 23
Total, United States.....	62	464			6,076			5,589	6,053	6,076	12,129	12,129	122 35
Grand Total, Burlington Bay Canal.....	1,545	133,577	141,865	782	27,074			37,559	171,918	168,939	340,857	340,857	3,832 17
<i>Ottawa Canals.</i>													
Canadian Vessels, steam.....	1,467	88,308	124,663		1,029				88,308	125,692	214,000	214,000	746 21
do sail.....	2,123	16,462	136,736		23,588			61	16,523	160,324	176,847	176,847	2,413 20
Total, Canadian.....	3,590	104,770	261,399		24,617			61	104,831	286,016	390,847	390,847	3,159 41
United States Vessels, steam.....													
do do sail.....	856	8,364	570		56,938			6,221	14,585	57,508	72,093	72,093	1,560 40
Total, United States.....	856	8,364	570		56,938			6,221	14,585	57,508	72,093	72,093	1,560 40
Grand Total, Ottawa Canals.	4,446	113,134	261,969		81,555			6,282	119,416	343,524	462,940	462,940	4,719 81

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 35.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals, &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.													\$	cts.
Canadian Vessels, steam.....	906	20,336	25,251							20,336	25,251	45,587	444 66	
do sail.....	1,775	52,247	60,543							52,247	60,543	112,790	1,027 34	
Total, Canadian.....	2,681	72,583	85,794							72,583	85,794	158,337	1,472 00	
United States Vessels, steam....	2	5	5							5	5	10	0 50	
do do sail.....	84	1,391	5,167							1,391	5,167	6,558	58 17	
Total, United States.....	86	1,396	5,172							1,396	5,172	6,568	58 67	
Grand Total, Rideau Canal...	2,767	73,979	90,966							73,979	90,966	164,945	1,530 67	
ST. PETER'S CANAL.														
Canadian Vessels, steam.....														
do sail.....														
Total, Canadian.....														
NEWCASTLE DISTRICT CANALS.														
Canadian Vessels, steam.....	117	1,105	3,370							1,105	3,370	4,475	60 00	
do sail.....	43	102	4,100							102	4,100	4,202	22 00	
Total, Canadian.....	160	1,207	7,470							1,207	7,470	8,677	82 00	
Grand Total, Newcastle District Canals	160	1,207	7,470							1,207	7,470	8,677	82 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.....	3,156	204,885	107,938	171,708	4,548	1,789	345	6,966	256,562	385,318	369,393	754,711	14,445 76
St. Lawrence.....	8,296	883,116	599,963	7,009	30	9		642	20,591	890,776	620,584	1,511,360	13,283 26
Chambly.....	1,481	48,370	47,995	9,398					38,299	57,768	86,294	144,062	1,445 59
Burlington Bay.....	1,483	133,113	141,865	782	20,998			31,970		165,865	162,863	328,728	3,709 82
Ottawa.....	3,590	104,770	261,399		24,617			61		104,831	286,016	390,847	3,159 41
Rideau.....	2,681	72,583	85,794							72,583	85,794	158,377	1,472 00
St. Peters.....													
Newcastle District.....	160	1,207	7,470							1,207	7,470	8,677	82 00
Total Canadian.....	20,857	1,448,014	1,252,424	188,897	50,193	1,798	345	39,639	315,452	1,678,348	1,618,414	3,296,762	37,597 84
UNITED STATES VESSELS.													
<i>Steam and Sail.</i>													
Welland.....	1,973	1,078	361	20,427	2,857	268,114	185,128	2,778	108,350	292,397	206,696	589,093	12,428 57
St. Lawrence.....	1,620	3,329	4,831	16,950	8,432	7,973	9,079	61,362	15,346	89,614	37,688	127,302	1,302 67
Chambly.....	1,072	141	132	14,511			3,164		71,981	14,652	75,277	89,929	1,276 66
Burlington Bay.....	62	464			6,076			5,589		6,053	6,076	12,129	122 35
Ottawa.....	856	8,364	576		56,938			6,221		14,585	57,508	72,093	1,560 40
Rideau.....	86	1,396	5,172							1,396	5,172	6,568	58 67
St. Peters.....													
Total, United States...	5,669	14,772	11,066	51,888	74,303	276,087	197,371	75,950	195,677	418,697	478,417	897,114	16,749 32
Grand Total, Canadian and United States.....	26,526	1,462,786	1,263,490	240,785	124,496	277,885	197,716	115,589	511,129	2,097,045	2,096,831	4,193,876	54,347 16

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.

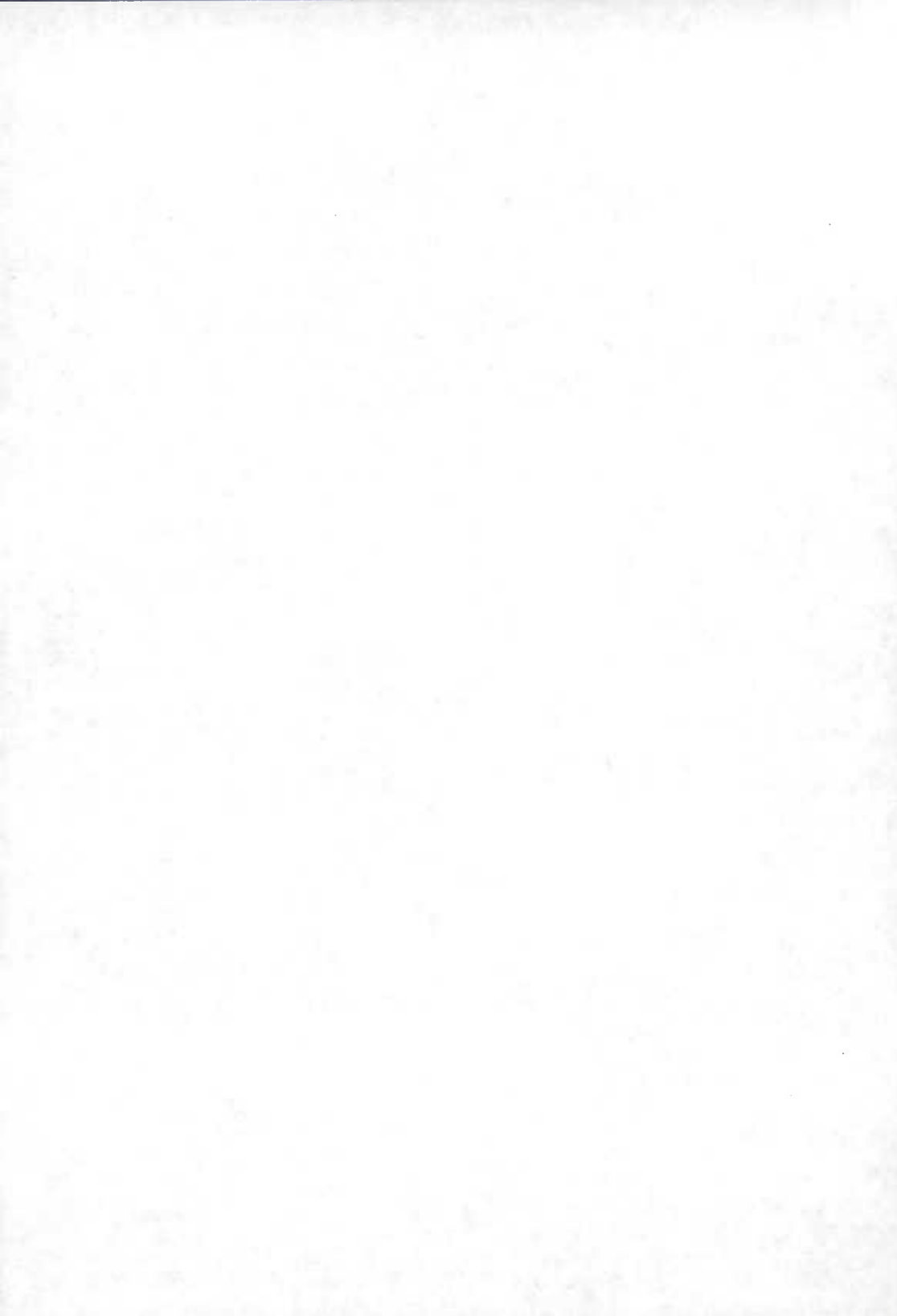
SUPPLEMENTARY APPENDIX A.—*Concluded.*

COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation, 1876-77, with the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1876.												\$ cts.
Welland Canal	41,394	128,323	35,550	6,114	239,713	249,102	12,092	387,522	328,749	771,061	1,099,810	208,789 27
St. Lawrence Canals....	149,023	655,441	8,145	5,652	507	1,994	83,428	43,348	241,103	706,435	947,538	76,006 75
Chambly Canal.....	12,887	5,756	48,688	.....	.....	8,640	.....	132,455	61,575	146,851	208,426	20,486 57
Rideau Canal.....	105,349	32,453	.....	.....	.....	.....	.....	.....	105,349	32,453	137,802	5,272 09
Ottawa Canals.....	1,735	344,069	.....	168,647	.....	.....	30	.....	1,765	512,716	514,481	39,787 62
Burlington Bay Canal...	25,327	30,292	18	6,018	.....	.....	37,696	.....	63,041	36,310	99,351	3,595 47
St. Peter's Canal.....	149	603	.....	.....	.....	.....	.....	.....	149	603	752	32 82
Newcastle Dist. Canals.	31,672	140	.....	.....	.....	.....	.....	.....	31,672	140	31,812	633 25
1877.												
Welland Canal	24,179	125,466	16,913	7,545	259,207	234,634	11,890	495,564	312,189	863,209	1,175,398	233,204 15
St. Lawrence Canals....	122,398	580,140	4,985	5,549	1,189	3,951	80,465	42,809	209,037	632,449	841,486	62,033 01
Chambly Canal.....	9,187	7,311	42,040	.....	.....	7,407	.....	131,758	51,227	146,476	197,703	18,990 97
Rideau Canal.....	89,717	24,349	.....	.....	.....	.....	.....	.....	89,717	24,349	114,066	4,890 47
Ottawa Canals.....	916	304,417	.....	182,318	.....	.....	.....	.....	916	486,735	487,651	41,713 95
Burlington Bay Canal...	18,064	20,284	66	4,854	.....	.....	57,530	.....	75,660	25,138	100,798	3,832 17
*St. Peter's Canal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newcastle Dist. Canals.	27,155	.....	.....	.....	.....	.....	.....	.....	27,155	.....	27,155	313 91

* This Canal being closed for enlargement, no business has been done on it during this year.

INLAND REVENUE DEPARTMENT,
OTTAWA, 31st December, 1877.



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