

Historical File Copy

SUPPLEMENT No. 1 84098

TO THE

# INLAND REVENUE REPORT

FOR THE YEAR ENDED 30TH JUNE, 1881.

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## CANAL STATISTICS

FOR

SEASON OF NAVIGATION,

1881. ✓

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OTTAWA:  
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.  
1882.

THE ...

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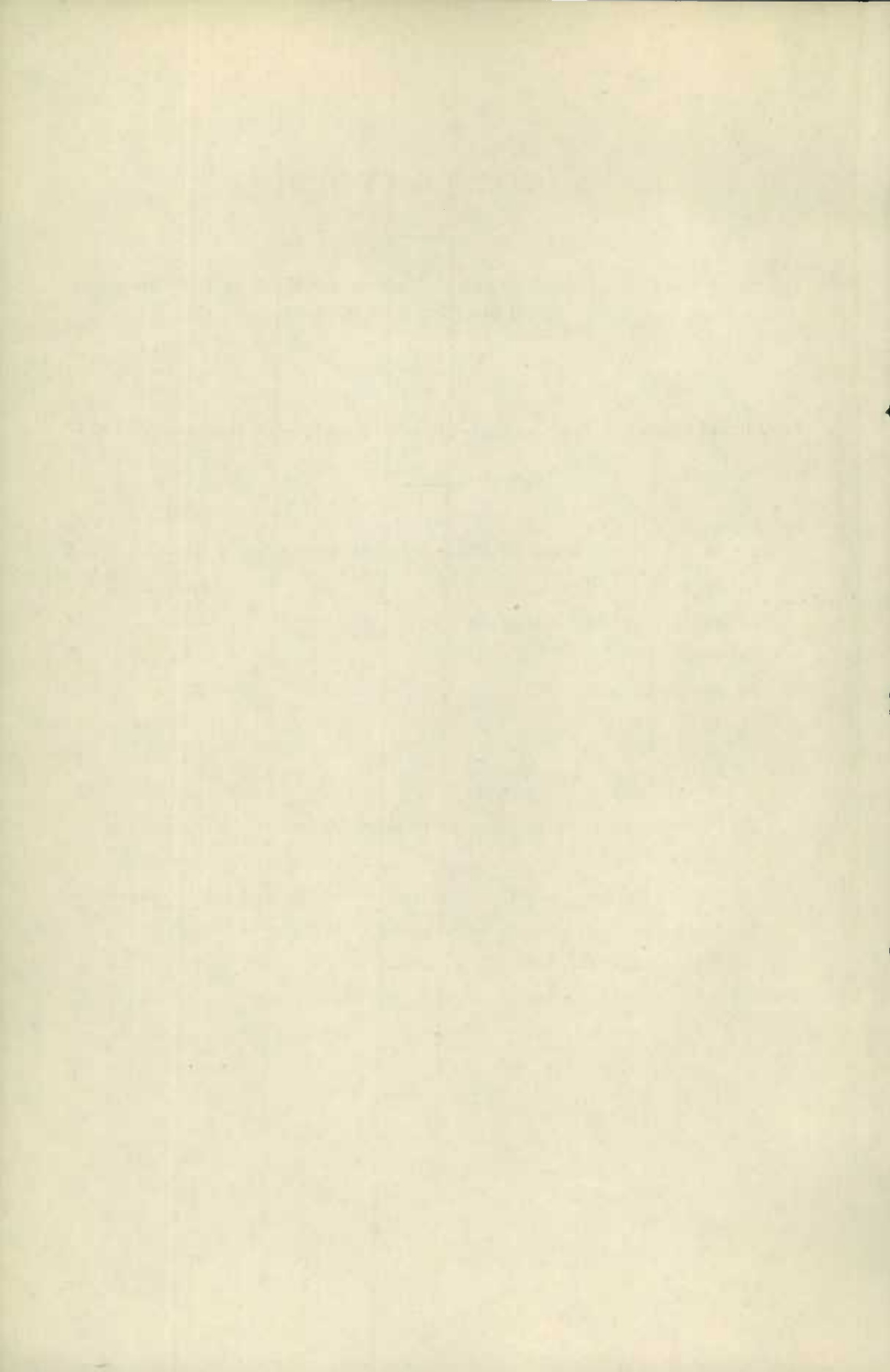
**REPORT** of the Commissioners of Inland Revenue for the Season of Navigation  
ended 31st December, 1881.

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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,—The Statistics of the season of 1880 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 decreased in 1881 by \$23,420.69.

This decrease is accounted for as follows:—

	Increase.	Decrease.
	\$ cts.	\$ cts.
On the Welland Canal .....	.....	31,833 24
do St. Lawrence Canals....	6,024 07	.....
do Burlington Bay Canal...	214 88	.....
do Chambly Canal.. .....	1,492 92	.....
do Rideau Canal .....	457 09	.....
do Ottawa Canals .....	.....	1,154 83
do St. Peter's Canal.... ..	1,298 61	.....
do Newcastle Dist. Canals.	79 81	.....
	<hr/>	<hr/>
	\$9,567 38	\$32,988 07
	<hr/>	<hr/>

Showing a decrease of..... \$23,420 69

Or about 6.96 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.

Comparison  
with New  
York Canals.

Vegetable  
food.

3. The increase or decrease in the tonnage of flour, wheat, barley, corn, oats, rye and other vegetable food moved through the Welland Canal, and through the Erie Canal, as compared with the movement of 1869—the year before an important reduction of tolls on the Erie Canal took place—may be summarized as follows:—

	1870.		1871.		1872.		1873.		1874.	
	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.
N. York Canals. ....	0.58		42.03		28.53		33.97		35.69	
Welland Canal..	18.43		32.59		23.73		7.18		23.55	
	1875.		1876.		1877.		1878.		1879.	
	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.
N. York Canals. ....	0.22		18.29		15.07		46.83		40.75	
Welland Canal..	1.61		9.69		19.30		12.89		16.10	
	1880.		1881.							
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.						
N. York Canals. ....	82.02				14.27					
Welland Canal..		7.67			17.56					

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

	1870.		1871.		1872.		1873.		1874.	
	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.
N. York Canals.	15.09	.....	1.12	.....	18.01	.....	19.37	.....	.....	3.14
Welland Canal.	.....	2.35	5.81	.....	.....	5.11	25.113	.....	44.44	.....
	1875.		1876.		1877.		1878.		1879.	
	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.
N. York Canals.	.....	8.55	.....	41.52	.....	11.33	.....	33.96	.....	22.13
Welland Canal.	.....	1.52	9.54	.....	7.47	.....	.....	0.57	.....	20.23
	1880.		1881.							
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.						
N. York Canals.	.....	14.06	.....	8.13						
Welland Canal.	.....	39.95	.....	51.78						

Vegetable  
food carried  
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 eastwards at Port Colborne, we have the following result:—

	1870.		1871.		1872.		1873.		1874.	
	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	.....	67·50	.....	82·10	.....	47·18	.....
At P'rt Colborne	17·15	.....	33·30	.....	26·61	.....	9·45	.....	26·26	.....
	1875.		1876.		1877.		1878.		1879.	
	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.....	29·38	.....	0·39	55·52	.....	109·08	.....	99·07	.....	.....
At P'rt Colborne	1·45	.....	14·33	.....	25·87	.....	11·12	.....	14·92	.....
	1880.		1881.							
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.						
At Buffalo and Tonawanda.....	162·6	.....	11·75	.....						
At P'rt Colborne	.....	4·81	.....	19·12						





Transshipment  
of grain at  
Port Col-  
borne.

7. The quantity of grain transhipped at Port Colborne, in 1881 and three previous years, is given below. The total number of grain laden vessels lightened at that port in 1881 was 133, against 209 in the previous year. The number unladen, without entering the canal, was 22, as against 51 in 1880.

The quantity of grain lightered was as follows :—

—	1878.	1879.	1880.	1881.
	Centals.	Centals.	Centals.	Centals.
Wheat.....	48,595	278,732	297,483	154,134
Corn.....	147,789	160,622	203,552	132,921
Barley.....				

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

—	1878.	1879.	1880.	1881.
	Centals.	Centals.	Centals.	Centals.
Wheat.....	163,330	114,241	178,617	113,890
Corn.....	414,452	195,299	422,492	179,660
Barley.....				

Proportion of  
freight car-  
ried by New  
York Canals  
and compet-  
ing Railways.

8. 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 .—

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

In 1878.....	27·1	per cent.
1879.....	23·7	do
1880.....	25·1	do
1881.....	18·5	do

The total quantity of freight carried by the canals and railways was greater in 1881 by two million one hundred and fifty thousand eight hundred and eight tons than the quantity carried in 1880.

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
1869 .....	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 .....	17,101,758	·2841
1876 .....	16,948,627	·2462
1877 .....	17,489,770	·2833
1878 .....	19,017,301	·2719
1879 .....	22,590,766	·2373
1880 .....	25,706,586	·2512
1881 .....	27,857,394	·1859

By reference to the figures in Statement II, as to the quantity of Vegetable Food carried to tide-water, it will be observed that the quantity carried by canals has decreased fourteen and one quarter per cent as compared with 1869, and a decrease of nearly 53 per cent. as compared with the previous year and the quantity carried by railways has increased 358 per cent. as compared with 1869, and 5 per cent. as compared with the previous year.

9. The following figures are an abstract of the quantities for thirteen years of Vegetable Food carried by 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	3,648,791	·357
1876.....	1,064,293	2,875,803	3,940,096	·270
1877.....	1,498,984	2,493,683	3,992,667	·375
1878.....	1,912,734	3,695,764	5,608,498	·341
1879.....	1,833,399	4,353,617	6,187,016	·296
1880.....	2,371,090	4,732,385	7,103,475	·333
1881.....	1,116,561	4,983,722	6,100,283	·183

From which it appears that the proportion of the total volume of freight of the description mentioned, carried by the railways, has increased from ·455 in 1869 to ·817 in 1881.

Respectfully submitted,

A. BRUNEL,

*Commissioner of Inland Revenue.*

INLAND REVENUE DEPARTMENT,

OTTAWA, May 1st, 1882.

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

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>													
Flour .....	71,051	54,978	41,211	20,534	19,307	29,134	17,635	9,290	8,923	5,904	7,164	8,266	6,926
Wheat.....	670,534	658,524	748,549	403,903	803,064	772,163	744,293	416,376	448,043	844,555	949,466	966,052	444,832
Corn.....	256,475	193,129	672,057	962,753	637,296	519,203	282,031	365,254	723,458	734,993	621,180	1,156,619	475,823
Barley.....	99,012	123,191	113,992	120,061	70,586	98,654	104,475	96,494	139,453	89,534	96,144	106,247	81,587
Oats.....	92,309	117,941	129,891	92,959	70,023	59,408	62,717	52,147	66,045	85,029	23,164	20,893	30,321
Rye.....	13,489	19,520	34,563	13,357	30,160	8,215	8,309	19,949	35,948	64,613	59,210	26,340	15,484
Other Vegetable Food.....	99,743	127,727	109,935	120,753	114,735	280,821	86,090	104,783	77,114	88,106	77,071	86,673	61,588
<b>Total.....</b>	<b>1,302,613</b>	<b>1,295,010</b>	<b>1,850,198</b>	<b>1,674,320</b>	<b>1,745,171</b>	<b>1,767,598</b>	<b>1,305,550</b>	<b>1,064,293</b>	<b>1,498,984</b>	<b>1,912,734</b>	<b>1,833,399</b>	<b>2,371,090</b>	<b>1,116,561</b>
Increase p. c. as compared with 1869.....			42.03	28.53	33.97	35.69	0.22		15.07	46.83	40.74	82.02	
Decrease p. c. as compared with 1869.....		0.58						18.29					14.27
<b>HEAVY GOODS.</b>													
Railway Iron.....	137,677	135,930	178,269	161,667	53,363	24,511	36,603	11,691	10,341	8,385	27,634	94,613	78,650
Other Iron.....	74,652	89,708	100,310	96,996	62,581	82,955	95,305	69,450	58,828	65,642	99,568	139,893	205,005
Salt.....	263,333	266,740	248,709	248,558	216,706	173,590	186,785	114,070	156,918	139,927	136,021	144,487	113,756
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	1,092,003
Ores.....	183,992	238,802	289,952	377,592	415,968	232,544	283,219	173,530	250,573	210,078	314,411	370,884	337,873
<b>Total.....</b>	<b>1,989,062</b>	<b>2,289,365</b>	<b>2,011,277</b>	<b>2,347,477</b>	<b>2,374,403</b>	<b>1,926,762</b>	<b>1,819,003</b>	<b>1,405,439</b>	<b>1,763,541</b>	<b>1,313,905</b>	<b>1,548,708</b>	<b>1,709,319</b>	<b>1,827,287</b>
Increase p. c. as compared with 1869.....		15.09	1.12	18.01	19.37								
Decrease p. c. as compared with 1869.....						3.14	8.55	41.52	11.33	33.96	22.13	14.06	8.13

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 e-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 during a series of Thirteen Years, ended 30th June, 1881.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>													
Flour.....	45,674	42,741	47,403	27,623	29,780	29,361	17,681	15,759	14,968	11,227	10,648	10,348	11,904
Wheat.....	313,825	432,162	435,166	297,222	303,507	378,591	340,345	261,030	182,698	237,839	212,182	286,429	237,799
Corn.....	120,569	84,252	161,599	261,262	194,950	198,000	127,688	119,506	169,233	166,801	184,617	159,818	141,108
Barley.....	20,951	34,001	13,788	14,719	6,174	7,729	14,067	37,057	22,293	15,221	10,288	4,895	21,654
Oats.....			2,460	7,706	3,272	3,023	4,192	14,553	13,066	2,810	3,317	1,165	322
Rye.....	904	1,036	954	3,737		516	417	643	1,531	2,219		440	1,016
Other Articles.....	1,937	2,557	3,706	8,179	2,367	5,338	7,600	6,474	2,778	2,772	1,683	2,154	1,562
<b>Total.....</b>	<b>503,860</b>	<b>596,749</b>	<b>668,076</b>	<b>623,448</b>	<b>540,050</b>	<b>622,553</b>	<b>511,990</b>	<b>455,022</b>	<b>406,567</b>	<b>438,889</b>	<b>422,735</b>	<b>465,249</b>	<b>415,365</b>
Increase p. c. as compared with 1879.....		18·43	32·59	23·73	7·18	23·55	1·61						
Decrease p. c. as compared with 1869.....								9·69	19·3	12·89	16·10	7·67	17·56
<b>HEAVY GOODS.</b>													
Railway Iron.....	68,064	60,110	62,720	41,167	18,815	4,702	5,962	1,523	3,767	5,918	1,717	1,175	5,151
Other Iron.....	16,924	20,433	24,676	19,677	17,518	18,374	10,428	7,302	6,280	11,829	9,234	6,565	4,836
Salt.....	91,575	83,289	92,252	47,766	40,721	44,261	19,198	17,437	33,188	9,373	5,143	5,443	408
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	12,698	10,449	30,654	21,371
Coal.....	103,126	98,472	125,119	136,480	245,622	372,979	269,659	328,403	324,785	297,898	267,698	151,435	118,676
Ores.....	58,781	67,331	53,624	57,615	92,069	69,815	42,896	32,563	22,387	35,752	5,379	27,280	30,680
<b>Total.....</b>	<b>375,623</b>	<b>366,776</b>	<b>397,453</b>	<b>356,396</b>	<b>470,047</b>	<b>542,569</b>	<b>369,957</b>	<b>411,472</b>	<b>405,987</b>	<b>373,467</b>	<b>299,620</b>	<b>225,552</b>	<b>181,122</b>
Increase p. c. as compared with 1869.....			5·81		25·113	44·44		9·54	7·47				
Decrease p. c. as compared with 1869.....		2·35		5·11			1·52			0·57	20·23	39·95	51·78

E.—TABLE showing the Tonnage of the undermentioned Articles cleared at Buffalo and Tonawanda for transit through the Erie Canal for a series of Thirteen Years ended 30th June, 1881.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.													
Flour.....	5,009	8,258	5,607	.....	6	.....	5,859	231	1,710	987	1,239	2,743	1,491
Wheat.....	490,904	502,158	570,819	330,032	737,167	650,161	695,315	377,317	398,416	775,953	892,404	897,603	386,005
Corn.....	219,874	165,577	579,709	866,169	611,675	459,728	273,006	356,064	709,723	718,714	602,171	1,131,857	458,318
Barley.....	1,978	19,944	19,810	41,515	8,636	3,192	1,156	6,335	26,351	21,665	7,193	434	86
Oats.....	63,728	89,156	106,391	73,572	51,615	44,079	36,609	26,488	54,559	69,256	14,537	16,154	24,751
Rye.....	2,150	10,593	27,622	5,900	22,441	112	2,242	12,205	27,365	51,064	40,471	12,137	107
Other Articles.....	2,193	6,906	5,705	88	634	237	3,372	4,691	4,976	6,662	7,528	4,256	7,484
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	1,644,301	1,565,543	2,065,184	878,812
Increase } p. c. as compared {	.....	2.05	67.29	67.50	82.10	47.18	29.38	.....	55.52	109.08	99.07	162.06	11.75
Decrease } with 1869. {	.....	.....	.....	.....	.....	.....	.....	0.39	.....	.....	.....	.....	.....

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

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Flour.....	7,361	11,440	10,043	4,773	4,061	.....	1,728	967	55	1,394	734	951	758
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
Corn.....	28,585	10,120	70,218	27,148	10,578	46,127	3,034	1,324	3,308	1,383	9,268	15,656	8,064
Barley.....	66,794	77,906	72,675	62,172	46,337	77,007	75,083	63,336	80,306	50,381	71,693	82,743	62,793
Oats.....	1,113	3,953	1,806	684	670	1,103	3,308	117	316	.....	.....	.....	200
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
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
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
Increase } p. c. as compared	.....	.....	11.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decrease } with 1869.	.....	11.06	.....	36.59	50.80	9.14	52.67	62.67	52.61	65.21	52.51	49.43	56.82



F.—TABLE showing the Tonnage of the undermentioned Articles cleared downwards at Port Colborne during a series of Thirteen Years ended 30th June, 1881.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	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	11,060	10,548	10,220	11,591
Wheat.....	310,090	428,749	418,917	290,859	292,148	370,091	333,903	254,828	175,018	234,577	207,574	283,404	234,005
Corn.....	119,541	83,418	163,104	262,643	194,950	197,873	127,665	119,234	169,233	166,790	184,617	159,059	140,789
Barley.....	3,920	6,500	7,366	8,544	2,965	2,147	377	813	5,426	6,436	681	803	.....
Oats.....	.....	.....	.....	7,561	3,257	3,019	4,191	14,553	13,066	2,810	3,308	1,131	332
Rye.....	680	757	804	3,695	.....	3	.....	643	1,497	2,219	.....	.....	.....
Other Articles.....	1,541	1,081	3,635	7,175	2,166	3,425	3,100	3,285	2,076	2,606	1,445	2,152	1,364
Total.....	479,882	562,199	639,693	607,614	525,261	605,916	486,881	411,115	381,244	426,498	408,173	456,775	388,081
Increase p. c. as compared with 1869.....	.....	17.15	33.3	26.61	9.45	26.26	1.45	.....	.....	.....	.....	.....	.....
Decrease p. c. as compared with 1869.....	.....	.....	.....	.....	.....	.....	.....	14.33	25.87	11.12	14.92	4.81	19.12

C-B\*

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 30th June, 1831.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>													
Flour.....	30,681	25,353	20,376	14,651	11,079	9,489	6,555	3,677	4,772	2,367	1,194	81	37,260
Wheat.....	211,085	224,480	222,866	152,905	134,158	151,983	190,137	117,337	92,399	94,266	71,886	48,091	18,719
Corn.....	91,149	80,409	132,200	129,146	86,417	122,045	86,479	52,164	70,878	60,682	51,906	29,977	2,235
Barley.....	2,942	5,543	5,451	6,669	1,677	1,634	.....	2,641	543	1,060	859	240	2,235
Oats.....	.....	.....	1,987	7,478	3,110	3,017	3,928	4,511	340	2,314	277	464	296
Rye.....	667	1,036	917	3,602	.....	3	.....	643	568	72	.....	.....	1
Other Articles.....	1,006	563	788	2,168	302	1,943	4,374	1,512	345	356	285	.....	.....
Total.....	337,530	337,384	384,585	316,619	236,743	290,114	291,473	181,885	169,836	161,117	126,407	78,853	58,511
Increase } per cent. as compared with {	.....	.....	13.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decrease } 1869. {	.....	0.04	.....	6.19	29.86	14.04	13.65	46.11	49.68	52.26	62.54	76.60	82.66
<b>HEAVY GOODS.</b>													
Railway Iron.....	63,064	59,906	62,123	40,109	16,706	2,698	5,672	20	3,722	5,254	1,717	795	5,973
Other Iron.....	14,334	17,433	18,761	14,204	14,534	11,762	7,150	3,903	4,551	10,949	8,338	3,725	3,839
Salt.....	89,086	81,474	90,135	46,594	40,377	43,673	18,653	17,094	22,378	8,469	4,142	5,378	371
Coal.....	28,566	27,320	42,882	54,011	132,958	191,962	168,931	211,114	171,937	150,003	157,049	86,413	78,506
Ores.....	35,912	52,678	34,634	44,563	63,735	40,233	18,977	31,220	26,199	39,484	4,440	24,645	15,287
Total.....	235,962	238,811	248,535	199,481	268,310	291,329	219,383	263,351	228,787	214,159	175,686	120,956	103,076
Increase } per cent. as compared with {	.....	1.20	5.32	.....	13.70	23.46	.....	11.56	.....	.....	.....	.....	.....
Decrease } 1869. {	.....	.....	.....	15.46	.....	.....	7.03	.....	3.01	9.24	25.54	48.73	56.31

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H.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals, and the two Principal Railways competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Thirteen Years ended 31st June, 1881.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Total on New York Canals.....	1,302,613	1,295,610	1,850,198	1,674,320	1,745,171	1,767,598	1,305,550	1,064,293	1,408,984	1,912,734	1,833,399	2,371,090	1,116,561
Increase } per cent. as com- Decrease } pared with 1869 {	.....	0.58	42.03	28.53	33.97	35.69	0.22	.....	15.07	46.83	40.74	82.02	14.27
Total on Welland Canal.....	593,860	576,749	668,078	623,448	510,050	622,558	511,390	455,022	406,567	438,889	422,725	465,249	415,365
Increase } per cent. as com- Decrease } pared with 1869 {	.....	18.43	32.59	23.73	7.18	23.55	1.61	.....	9.69	19.03	12.89	16.10	7.67
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	3,695,764	4,353,617	4,732,385	4,983,722
Increase } per cent. as com- Decrease } pared with 1869 {	.....	62.36	102.75	71.96	87.25	156.62	115.04	165.40	129.23	239.74	300.22	335.03	358.14
Quantity cleared at Buffalo and Tonawanda 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	1,644,301	1,565,543	2,065,184	878,842
Increase } per cent. as com- Decrease } pared with 1869 {	.....	2.05	67.29	67.50	82.01	47.18	29.38	.....	55.52	109.08	99.07	162.60	11.75
Quantity cleared at Oswego by Canal.....	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
Increase } per cent. as com- Decrease } pared with 1869 {	.....	11.06	11.05	36.59	50.08	9.14	52.71	62.67	52.61	65.21	52.21	49.43	56.82
Quantity cleared through the Welland Canal in transit be- tween ports in the U.S.....	337,530	337,384	384,585	316,619	236,743	290,114	291,473	181,885	169,836	161,117	126,407	78,853	58,511
Increase } per cent. as com- Decrease } pared with 1869 {	.....	0.04	13.94	6.19	29.86	14.04	13.65	46.11	49.68	52.26	62.54	76.60	82.66

CANAL  
COMPARATIVE STATEMENT for Years

—	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1880.....			0 50	2,392 82	20,241 32
do 1881.....				6 72	19,397 97
Increase.....					
Decrease.....			0 50	2,386 10	843 35
St. Lawrence Canals, 1880.....	63 00			2,175 62	11,857 02
do 1881.....				909 11	13,985 98
Increase.....					2,128 96
Decrease.....	63 00			1,266 51	
Chambly Canal, 1880.....				433 69	2,495 64
do 1881.....				22 77	2,597 05
Increase.....					101 41
Decrease.....				410 92	
Rideau Canal, 1880.....	50 98			133 86	919 76
do 1881.....	0 50	3 50		3 19	1,360 04
Increase.....		3 50			440 28
Decrease.....	50 48			130 67	
Ottawa Canals, 1880.....				345 19	8,963 30
do 1881.....				89 63	8,669 54
Increase.....					
Decrease.....				255 51	293 76
Burlington Bay Canal, 1880.....				52 34	669 89
do 1881.....				81 74	512 92
Increase.....				29 40	
Decrease.....					156 97
St. Peter's Canal, 1880.....				6 20	95 52
do 1881.....					
Increase.....				6 20	95 52
Decrease.....					
Newcastle District Canals, 1880.....				7 60	15 71
do 1881.....				5 50	52 40
Increase.....					36 69
Decrease.....				2 10	
Total Increase.....		3 50			1,508 78
Total Decrease.....	113 48		0 50	4,416 21	

## REVENUE.

ended 31st December, 1880 and 1881.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
21,335 71	25,988 31	26,599 71	22,016 69	18,968 46	10,038 41	2 50	147,584 43
22,362 93	17,195 30	20,071 84	15,667 70	12,166 11	8,766 38	116 22	115,751 19
1,027 24						113 72	
	8,793 01	6,527 87	6,348 99	6,802 35	1,272 03		31,833 24
13,866 50	14,367 40	18,032 89	15,128 46	14,972 07	9,094 99	4 13	99,562 08
14,882 74	16,189 05	16,459 12	15,976 21	15,881 71	9,233 34	2,068 89	105,586 15
1,016 24	1,821 65		847 75	909 64	138 35	2,064 76	6,024 07
		1,573 77					
2,512 22	2,942 72	2,818 03	3,613 97	3,606 85	2,013 93	0 75	20,437 80
2,857 75	3,254 61	3,702 67	3,713 68	3,162 45	2,619 74		21,930 72
345 53	311 89	884 64	99 71		605 81		1,492 92
				444 40		0 75	
983 74	981 22	719 57	649 36	684 87	428 42	7 95	5,559 73
1,097 66	1,020 09	845 64	732 69	576 32	377 19		6,016 82
113 92	38 87	126 07	83 33				457 09
				108 55	51 23	7 95	
8,163 17	8,163 39	9,745 39	9,466 61	9,452 24	4,609 90	26 30	53,935 49
11,312 93	10,640 48	9,843 35	7,015 89	6,379 42	3,810 55	18 82	57,780 66
3,149 76	2,477 09	97 96					
			2,450 72	3,072 82	799 35	7 48	1,154 83
566 70	606 95	449 71	609 29	501 04	358 01		3,813 93
859 11	549 52	636 22	582 80	503 48	379 41	23 61	4,028 81
292 41		186 51		2 44		23 61	214 88
	57 43		26 49		78 60		
607 96	149 59	126 04	137 88	64 34	85 10	35 65	185 09
				161 34	116 62	82 55	1,483 70
697 96	149 59	126 04	127 88	97 00	31 52	46 90	1,298 61
71 45	37 15	5 25	19 63	42 75	18 65		218 19
41 79	64 15	54 22	26 89	51 15	1 90		298 00
	27 00	48 97	7 26	8 40			79 81
29 66					16 75		
6,523 40						2,232 81	
	4,024 35	6,631 45	7,650 27	9,410 64	1,442 28		23,420 69

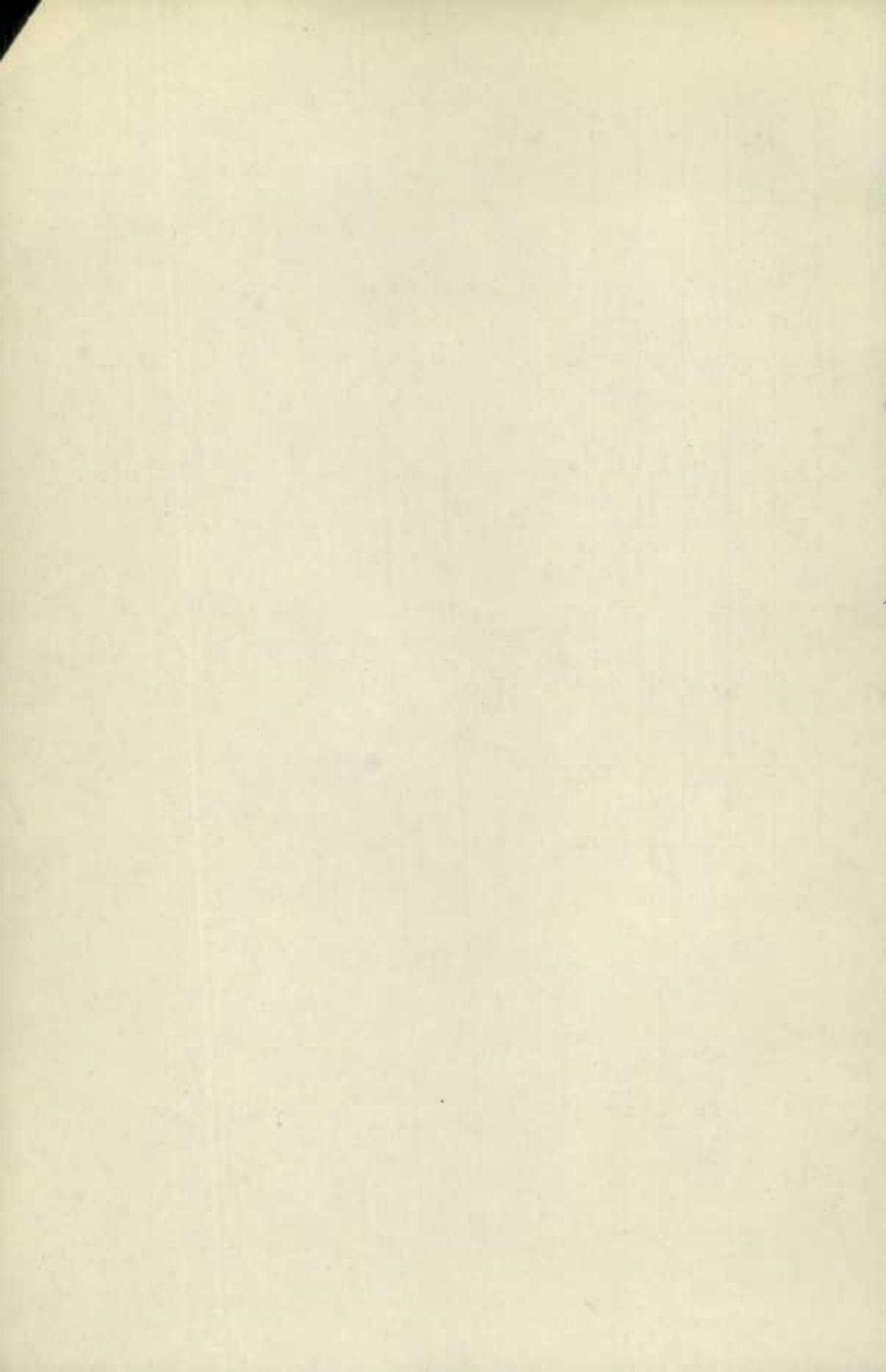
Total for the Year 1880.....\$336,296 74  
do 1881..... 312,876 05

COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lumber passed through the Canals during the Years ended the 31st December, 1880 and 1881.

	VEGETABLE FOOD.							Lumber.	Total.	
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	All Other.			
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.			
Welland Canal.....	{ 1880	12,679	245,020	163,738	17,772	477	1,016	1,480	46,623	488,805
	{ 1881	9,959	127,832	103,075	24,599		1,844	2,086	45,194	314,589
Increase, 1881.....				6,827		828	606			
Decrease, 1881.....		2,720	117,188	60,663	477			1,429		174,216
St. Lawrence Canals.....	{ 1880	20,910	272,382	211,070	8,586	14,863	8,637	64,554	56,095	657,097
	{ 1881	18,365	194,137	104,364	8,102	14,196	10,034	66,898	67,152	483,248
Increase, 1881.....						1,397	2,314	11,057		
Decrease, 1881.....		2,545	78,245	106,706	484	667				173,849
Chambly Canal.....	{ 1880				5,797	4,950		6,794	69,534	87,075
	{ 1881				3,579	2,398		8,792	67,249	82,562
Increase, 1881.....		544					1,998			
Decrease, 1881.....				2,218	2,552				2,285	4,513
Rideau Canal.....	{ 1880	354	288	281	131	155	3,000	173	8,490	12,872
	{ 1881	307	117	475	302	32	1,949	500	8,103	11,785
Increase, 1881.....				194	171			327		
Decrease, 1881.....		47	171			123	1,951		397	1,087
Ottawa Canals.....	{ 1880	43	315	1	1,048	2,524	3,572	11,907	504,756	521,166
	{ 1881	49	30	1	455	1,521	2,651	11,438	491,679	507,834
Increase, 1881.....		6								
Decrease, 1881.....			285		593	1,003	921	459	13,077	16,332

Burlington Bay Canal.....	{ 1880	1,490	9,385	766	6		5,348	663	17,667	
	{ 1881	1,287	25,997	1,714	1,843	444	202	1,973	2,092	35,552
Increase, 1881.....			16,612	948	1,837	444	202		1,429	17,885
Decrease, 1881.....		212						3,375		
St. Peter's Canal.....	{ 1880	251						165	416	
	{ 1881	576						1,640	2,216	
Increase, 1881.....		325						1,475	1,800	
Decrease, 1881.....										
Newcastle District Canals.....	{ 1880							464	464	
	{ 1881							937	937	
Increase, 1881.....								473	473	
Decrease, 1881.....										
Total Increase.....					5,540		455	1,441		
Total Decrease.....		4,649	179,277	166,227		4,378		2,744	349,839	

Total for 1880.....	1,788,562
Total for 1881.....	1,438,723





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# CANAL STATISTICS

FOR

SEASON OF NAVIGATION,

1881.

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SUPPLEMENTARY APPENDIX A.

No. (A) 22.—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 1881.

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.....		27						15		42	42	\$ 4 10
Apples.....	20	959	19		1				40	959	999	29 79
Agricultural Products not enumerated, Vegetable....		562		480		1		11		1,054	1,054	48 45
Agricultural Products not enumerated, Animal.....												
Agricultural Implements.....		6				3		1		10	10	2 00
Barley.....			23,423	252	924				24,347	252	24,599	3,776 50
Bricks.....								11		11	11	2 20
Bones.....												
Brimstone.....												
Cement and Water Lime.....	43	3							43	3	46	5 76
Clay, Lime and Sand.....	59	440							59	463	522	55 88
Coal.....	1				82,694	1,164	11,027	33,227	93,722	34,391	128,113	24,180 42
Corn.....		1,316				30,031		71,728		103,075	103,075	20,549 25
Cattle.....												
Cotton, Raw.....												
Crockery and Earthenware.....						4				4	4	0 85
Dye Woods and Dye Stuffs.....												
Fish.....		1								1	1	0 17
Flax and Hemp.....												
Flour.....	304	9,618						37	304	9,655	9,959	254 84
Furniture.....	4		12					13	16	13	29	5 63
Gypsum.....		709		440						1,148	1,148	100 90
Glass, all kinds.....	2							44	2	44	46	9 87
Hay, Pressed.....					337				337		337	56 80
Hogs.....												
Horses.....	5	3	1					1	6	4	10	1 20
Hides & Skins, Horns & Hoofs.....												
Ice.....												

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Iron, Railway.....			3,272		1,313			4,585		4,585	687 75
“ Pig.....	32				839		908	871	908	1,779	308 95
“ All other.....	131		360		4,652	79	12	5,143	91	5,234	770 61
“ Ore.....			6,487		6,464			12,951		12,951	647 55
Kryolite or Chemical Ore, and other Ore, except Iron.....			98					98		98	4 90
Lard and Lard Oil.....							309		309		61 80
Meats, all kinds.....		319	1					1	319	320	8 14
Meats, other than Pork.....							1		1	1	0 20
Marble.....	1		5					6		6	1 03
Manilla.....											
Molasses.....											
Nails.....	10					102		10	102	112	20 65
Oats.....											
Oil, in Barrels.....	5						891	5	891	896	178 18
Oil Cake.....											
Pease.....		92							92	92	18 40
Potatoes.....	11	1	654		9			674	1	675	106 62
Pork.....	71						5,435	71	5,435	5,506	1,088 33
Paint.....	2						10	2	10	12	2 05
Pitch and Tar.....											
Rags.....	20				64			81		84	12 50
Rye.....	1,416	6	422					1,838	6	1,844	275 85
Rosin.....											
Salt.....			10					10		10	1 50
Stone intended for Cutting.....			480				2,346	480	2,346	2,826	540 35
“ wrought.....						29	890		919	919	175 73
“ not suitable for Cut- ting, unwrought.....	1,455	368	8,499		563			10,517	368	10,885	478 46
Seeds, all kinds.....						16			16	16	3 20
Sheep.....											
Soda Ash.....											
Steel.....	1							1		1	0 03
Sugar.....	6							6		6	0 15
Spirits.....	4	46					180	4	226	230	43 47
Tobacco, Raw.....											
Tallow.....											
Tin.....	1							1		1	0 03
Turpentine.....											
Wheat.....	6,439	23,899		56		34,320	63,118	6,439	121,393	127,832	23,907 94
White Lead.....	2					2	1	2	3	5	0 65
Whiting.....											
Wool.....											
All other Goods and Mer- chandize not enumerated.....	106	46	32		47	49	124	185	219	404	55 55
Bark.....											
Barrels, Empty.....		18	15				1	15	19	34	4 43
Boat Knives.....											

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.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.....												\$ cts.
Firewood, in Vessels.....	5,376	39,591	1,605	600					6,981	40,191	47,172	2,214 83
"    Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, Sawn, in Vessels...	5,556	6,897	142	992		30,462		1,135	5,698	39,486	45,184	6,838 09
"    in Rafts.....		10								10	10	0 45
Masts, Spars and Telegraph Poles, in Vessels.....		5	553						553	5	558	83 33
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....		125								125	125	7 50
"    in Rafts.....												
Saw Logs.....	30	6,102	443	5,401				1,182	473	12,685	13,158	499 71
Staves and Headings, Barrel												
"    "    Pipe.....		563						1,852		2,420	2,420	452 99
"    "    W. India.....		650						1,206		1,856	1,856	347 87
Staves, Salt Barrel.....												
Shingles.....	20	18							20	18	38	3 69
Split Posts and Fence Rails, in Vessels.....	16								16		16	0 80
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels...		12,660						66,331		78,991	78,991	11,817 75
"    "    in Rafts.....	86	621						3,730	86	4,351	4,437	884 24
Traverses.....												
Woodenware and Wood, partly manufactured.....	837	301				4		88	837	393	1,230	93 60
Total freight paying Tolls	22,072	105,986	46,533	8,221	97,907	96,266	11,027	254,861	177,539	465,334	642,873	101,723 35

*Free Articles having paid Full  
Toll on the St. Lawrence  
Canals.*

Agricultural Products, Vegetable .....		2						2		2
Bricks .....		81						81		81
Cement and Water Lime .....	10	28						38		38
Clay, Lime and Sand .....		121						121		121
Crockery and Earthenware .....		24						24		24
Fish .....		18						18		18
Furniture .....		3						3		3
Glass, all kinds .....		97						97		97
Iron, Railway .....		16,476						16,476		16,476
" Pig .....	224	7,907						8,131		8,131
" All other .....	6	894						900		900
Molasses .....		14						14		14
Nails .....	48	210						258		258
Oil, in Barrels .....	42	12						54		54
Potatoes .....		359						359		359
Paint .....		47						47		47
Pitch and Tar .....		1						1		1
Salt .....	152	5,023						5,175		5,175
Stone, intended for Cutting .....		5						5		5
Seeds, all kinds .....		65						65		65
Soda Ash .....	156	3,021						3,177		3,177
Steel .....		29						29		29
Sugar .....		5						5		5
Spirits .....		91						91		91
Tin .....	37	922						959		959
Whiting .....		10						10		10
Merchandise .....	68	916						984		984
Barrels, Empty .....		40						40		40
Woodenware .....	4	22						26		26

*Free Articles having paid Toll  
on the Rideau Canal.*

Iron Ore .....		5,384						5,384		5,384	
Kryolite or Chemical Ore .....		352						352		352	
Timber passed free from Wolland to Port Robinson .....		707						707		707	
Grand Total Freight .....	22,819	106,693	88,712	8,221	97,907	96,266	11,027	254,861	220,465	406,041	686,506

SUPPLEMENTARY APPENDIX A—No. (A) 22—Continued.

		Amount of Tolls.
		\$ cts.
Total Tolls on Vessels.....		13,869 12
"    on Passengers.....		88 72
"    Free Goods.....	\$5,913 24	
Fines and Damages.....		60 00
Total Revenue.....		115,751 19

INLAND REVENUE DEPARTMENT,  
OTTAWA, 81st March, 1882.

A. BRUNEL,  
*Commissioner.*

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 23.—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 1881.

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.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	12	551			43	8			53	559	614	\$ 111 80
Apples.....	140	6,792	1		17	9			158	6,807	6,965	1,017 03
Agricultural Products not enumerated, Vegetable.....	1,231	2,101		24	14	4			1,245	2,129	3,374	342 39
Agricultural Products not enumerated, Animal.....	193	2,035			42	11			235	2,046	2,281	245 07
Agricultural Implements.....	325	74		1					325	74	399	36 02
Barley.....	1,596	4,091	415	1,805	285				2,296	5,806	8,102	674 63
Bricks.....	3,378	324	81		1		200	5	3,660	329	3,989	386 47
Bones.....	45	230	138	362				3	183	595	778	100 01
Brimstone.....	31								31		31	4 65
Cement and Water Lime.....	882	152	20						902	152	1,054	112 17
Clay, Lime and Sand.....	6,097	1,665	121				2,637		8,855	1,665	10,520	449 50
Coal.....		39,867		372	50	318		65,458	60	106,015	106,065	15,190 34
Corn.....	6	35,280				12			6	35,292	35,298	2,964 27
Cattle.....	71	1,260			1				72	1,260	1,332	95 33
Cotton, Raw.....	100	25							100	25	125	7 51
Crockery and Earthenware.....	1,827	5	15			1			1,843	6	1,848	337 23
Dye Wood and Dye Stuffs.....	396	8					186		582	8	590	78 38
Fish.....	792	123	18						720	123	843	77 34
Flax and Hemp.....												
Flour.....	1,634	11,864			5	51		335	1,639	12,250	13,889	1,921 73
Furniture.....	384	173	2		6	1			392	174	566	56 42
Gypsum.....	3,507	564							3,507	564	4,071	157 61
Glass, all kinds.....	1,976	333	93			1			2,069	334	2,403	474 20
Hay, Pressed.....	738	95			90	8			828	103	931	54 35
Hogs.....	8	171							8	171	179	15 69
Horses.....	112	337			1				113	337	450	37 56
Hides and Skins, Horns and Hoofs.....	19	69			1				20	59	79	10 45

Supplementary Appendix A—Continued.

No. (A) 23—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.		
												\$ cts.
Ice.....												
Iron, Railway.....	31,130	206	1,665						32,795	206	33,001	4,909 95
“ Pig.....	11,109	59	5,976						17,085	59	17,144	2,433 14
“ All other.....	6,792	593	635				245	3	7,672	596	8,268	970 50
Iron Ore.....												
Kryolite or Chemical Ore, and other Ore, except Iron.....	67	2,470							67	2,470	2,537	126 85
Lard and Lard Oil.....	79	77			3				73	77	150	12 55
Meats, all kinds.....	156	1,057							156	1,057	1,213	55 92
Meats, other than Pork.....	2	142			1	1	43		46	143	189	17 76
Marble.....	198	1					28		226	1	227	40 13
Manilla.....	83	12	3				10		96	12	108	18 90
Molasses.....	506	258					25		531	258	789	85 94
Nails.....	4,689	469	250			2			4,939	471	5,410	971 74
Oats.....	999	13,197							999	13,197	14,196	1,206 75
Oils, in Barrels.....	1,476	264	16		2	112	659	501	2,153	877	3,030	396 81
Oil Cake.....	1								1		1	0 07
Pease.....	1,645	51,932							1,645	51,932	53,577	4,967 67
Potatoes.....	921	3,061	174	308	255	13		411	1,350	3,793	5,143	646 88
Pork.....	145	832							150	835	985	99 01
Paint.....	762	16	45				7		814	16	830	156 88
Pitch and Tar.....	90	179	1				1,377		1,468	179	1,647	94 93
Rags.....	1,060	354	10	61		15	11		1,081	430	1,511	175 40
Rye.....	13	10,021							13	10,021	10,034	1,322 06
Rosin.....	33	19					1,373		1,406	19	1,425	75 69
Salt.....	8,230	77	4,165		3	33	6		12,404	110	12,514	1,475 52
Stone intended for Cutting.....	309	694					952		1,261	694	1,955	98 18
“ wrought.....	438						6		444		444	25 37
“ not suitable for Cutting, unwrought.....	653	3,368				380			653	3,748	4,401	111 45
Seeds, all kinds.....	25	164	65						90	164	254	22 04



Sheep.....	9	641			7				16	641	657	49 79
Soda Ash.....	1,559	8	3,021					4,550	8	4,588	862 81	
Steel.....	23	4	29					62	5	67	13 25	
Sugar.....	4 377	7	5				2,564	6,946	7	6,953	899 66	
Spirits.....	1,223	151	492					1,715	151	1,866	297 66	
Tobacco, Raw.....	2						2	4		4	0 16	
Tallow.....	12	25					25	37	25	62	6 19	
Tin.....	1,588	185	922				168	2,678	185	2,863	503 19	
Turpentine.....	1						670	671		671	33 70	
Wheat.....	401	116,646	1		3	24		495	116,671	117,076	14,148 54	
White Lead.....	234	4						234	4	238	44 73	
Whiting.....	186	8	10					196	8	204	39 80	
Wool.....	574	14			6			580	14	594	76 39	
All other Goods and Merchandize not enumerated.....	10,819	4,463	515	5	598	635		276	11,932	5,379	17,311	2,507 11
Bark.....		1							1	1	0 15	
Barrels, Empty.....	598	149	40		12			650	149	799	95 53	
Boat Knees.....	17							17		17	0 33	
Floats.....		3,988							3,988	3,988	69 79	
Fire Wood, in Vessels.....	14,775	27,117	1,452			636		16,227	27,753	43,980	1,206 84	
"    in Rafts.....												
Hoops.....		9			1			10	1	19	20	1 70
Hop Poles.....												
Lumber, Sawu, in Vessels.....	15,810	24,076	1,232	17,517		92		17,012	41,685	58,697	4,260 45	
"    in Rafts.....		5,616							5,616	5,616	259 15	
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....		15,118							15,118	15,118	377 95	
Railway Ties, in Vessels.....	2,755		3,569					6,324		6,324	222 90	
"    in Rafts.....												
Saw Logs.....		2,852							2,852	2,852	65 20	
Staves and Headings, Barrel.....		126							126	126	9 15	
"    "    Pipe.....	24	84						24	84	108	11 20	
"    "    West India.....	60	463						60	463	523	69 04	
Staves, Salt Barrel.....		346							346	346	5 89	
Shingles.....	83	16						83	16	99	22 09	
Split Posts and Fence Rails, in Vessels.....		1							1	1	0 36	
Split Posts and Fence Rails, in Rafts.....		3							3	3	0 45	
Timber, Square, in Vessels.....	1,736	1,412	20		40	20		20	1,796	1,452	3,248	146 22
"    in Rafts.....		9,932							9,932	9,932	293 45	
Traverses.....	4	8,128						4	8,128	8,132	21 40	
Woodenware and Wood, partly manufactured.....	229	334	22					251	364	615	226 77	
<b>Total Freight paying Tolls...</b>	<b>154,121</b>	<b>419,567</b>	<b>25,209</b>	<b>20,455</b>	<b>1,487</b>	<b>3,390</b>	<b>11,199</b>	<b>67,030</b>	<b>192,016</b>	<b>509,442</b>	<b>701,458</b>	<b>72,325 08</b>

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.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
<i>Free Articles having paid full Toll on the Welland Canal.</i>												\$	cts.
Ashes.....		13								12	13		
Barley.....													
Corn.....		68,250						2,816		69,066	69,066		
Flour.....		4,476								4,476	4,476		
Furniture.....		4								4	4		
Glass, all kinds.....		27						20		47	47		
Iron, Pig.....		858								858	858		
All other.....													
Lard and Lard Oil.....		229						132		361	361		
Oats.....													
Oils, in Barrels.....													
Pease.....													
Petroleum.....													
Pork.....		2,139						3,002		5,141	5,141		
Stone, for Cutting.....		233								233	233		
Wrought.....		34						257		291	291		
Wheat.....		76,105						956		77,061	77,061		
Merchandise not enumerated.....		54						6		60	60		
Sawn Lumber, in Vessels.....		2,849								2,849	2,849		
Square Timber.....		1,541						1,684		3,227	3,227		
in Raft.....								3,250		3,250	3,250		
Staves, Pipe.....		457						544		1,001	1,001		
West India.....		749						449		1,198	1,198		
Woodenware.....		62						14		76	76		
Empty Barrels.....		1								1	1		
Coal, Free, per Order in Council..	36,737		135		116		47,423		84,411		84,411		

Kryolite " " ...		2,364									2,364	2,364
Iron Ore having paid full Toll on the Chambly Canal.....												
Grand Total Freight .....	190,858	578,014	25,344	20,455	1,603	2,399	58,622	80,160	276,427	681,019	957,446	

Total Tolls on Vessels.....	16,902 72
" Passengers.....	4,210 78
" Free Goods.....	\$29,482 81
Fines and Damages.....	523 03
Wharfage and Storage.....	8,603 85
Winterage, Basin Dues and Other Receipts.....	3,020 69
Total Revenue, exclusive of Hydraulic Rents.....	105,588 15

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

A. BRUNEL,  
*Commissioner.*

SUPPLEMENTARY APPENDIX A.—Continued.

No (A) 24.—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 1881.

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.....	8	234		520					8	754	762	\$ cts.
Apples.....	10	1,555							10	1,555	1,565	
Agricultural Products not enumerated, Vegetable....	170	56							170	56	226	
Agricultural Products not enumerated, Animal.....	88	98							88	98	186	
Agricultural Implements....	13	30							13	30	43	
Barley.....	170	420		1,253					170	1,673	1,843	
Bricks.....	330	12							330	12	342	
Bones.....												
Brimstone.....												
Cement and Water Lime....	97								97		97	
Clay, Lime and Sand.....	70						535		605		605	
Coal.....		60					43,229		43,229	60	43,289	
Corn.....		1,714								1,714	1,714	
Cattle.....	10								10		10	
Cotton.....		4								4	4	
Coffee.....												
Crockery and Earthenware..	428	27							428	27	455	
Dye Wood and Dye Stuffs ..	17								17		17	
Fish.....	83	36							83	36	119	
Flax and Hemp.....												
Flour.....	25	1,262							25	1,262	1,287	
Furniture.....	16	5							16	5	21	
Gypsum.....												
Glass, all kinds.....	791	462							791	462	1,253	
Hay, Pressed.....												
Hogs.....												
Horses.....	9	9							9	9	18	

Hides and Skins, Horns and Hoofs.....	1	7					1	7	8
Ice.....									
Iron, Railway.....	5,509	237					5,509	237	5,746
“ Pig.....	5,974	211			239		6,213	211	6,424
“ All other.....	2,142	179					2,142	179	2,321
Iron Ore.....									
Kryolite or Chemical Ore, and other Ore, except Iron.....									
Lard and Lard Oil.....	16	26					16	26	42
Meals, all kinds.....									
Meats, other than Pork.....		39						39	39
Marble.....	15	1					15	1	16
Manilla.....	8	1					8	1	9
Molasses.....	148	30					148	30	178
Nails.....	1,853	84					1,853	84	1,937
Oats.....	2	442					2	442	444
Oil, in Barrels.....	242	183					242	183	425
Oil Cake.....									
Pease.....	1	170	225				1	395	396
Potatoes.....	12						12		12
Pork.....	1	215					1	215	216
Paint.....	171	7			2		173	7	180
Pitch and Tar.....	18				6		24		24
Rags.....	12	61					12	61	73
Rye.....			202					202	202
Rosin.....	86	5			90		176	5	181
Salt.....	87	30					87	30	117
Stone, intended for Cutting.....		328				884	884	338	1,212
“ wrought.....			5					5	5
“ not suitable for cutting, unwrought.....									
Seeds, all kinds.....	13	20					13	20	33
Sheep.....									
Soda Ash.....	625	15					625	15	640
Steel.....	35	2					35	2	37
Sugar.....	2,664	97					2,664	97	2,761
Spirits.....	328	24					328	24	352
Tobacco, Raw.....	2						2		2
Tallow.....									
Tin.....	212	20					212	20	232
Turpentine.....	4						4		4
Wheat.....	547	25,450					547	25,450	25,997
White Lead.....	60	4					60	4	64
Whiting.....	110	3					110	3	113
Wool.....	27	36					27	36	63
All other Goods and Merchandize not enumerated..	4,561	1,807					4,561	1,807	6,368

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 24.—GENERAL STATEMENT showing the Quantity of each Article transported through 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.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Bark .....												\$ cts.
Barrels, Empty .....	10								10		10	
Boat Knees .....												
Floats .....												
Fire Wood, in Vessels .....	60								60		60	
Fire Wood in Rafts .....												
Hoops .....												
Hop Poles .....												
Lumber, Sawn, in Vessels .....	12	1,117		797				166	12	2,080	2,092	
" " Rafts .....												
Masts, Spars and Telegraph Poles, in Vessels .....		650								650	650	
Masts, Spars and Telegraph Poles, in Rafts .....												
Railway Ties, in Vessels .....												
" " Rafts .....												
Saw Logs .....												
Staves and Headings, Barrel .....	326	74							326	74	400	
" " Pipe .....		112								112	112	
" " West India .....		106								106	106	
Staves, Salt Barrel .....												
Shingles .....												
Split Posts and Fence Rails, in Vessels .....		1,600								1,600	1,600	
Split Posts and Fence Rails, in Rafts .....		4,100								4,100	4,100	
Timber, Square, in Vessels .....		14,905								14,905	14,905	
" " Rafts .....		10,367								10,367	10,367	
Traverses .....												

Woodenware and Wood, partly manufactured. ....	8	39	.....	.....	.....	.....	.....	8	39	47	.....
Total Freight Free, per Order in Council.....	28,237	68,788	.....	3,002	.....	.....	44,985	166	73,222	71,956	145,178

Total Tolls on Vessels..... \$4,028 81

INLAND REVENUE DEPARTMENT.  
OTTAWA, 31st March, 1882.

A. BRUNEL,  
*Commissioner.*

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 25.—GENERAL STATEMENT showing the Quantity of each Article transported through the Ottawa Canals, and the Amount of Revenue collected during the Season of Navigation in 1881.

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.....		30								30	30	\$ 4 67
Apples.....		8								8	8	0 56
Agricultural Products not enumerated, Vegetable.....		280								280	280	20 09
Agricultural Products not enumerated, Animal.....		505								505	505	37 04
Agricultural Implements.....		2								2	2	0 24
Barley.....		329		126						455	455	44 32
Bricks.....	25	6							25	6	31	1 29
Bones.....		33								33	33	2 43
Brimstone.....												
Cement and Water Lime.....		1,008								1,008	1,008	28 50
Clay, Lime and Sand.....	553	1,190							553	1,190	1,743	67 06
Coal.....		10								10	10	0 25
Corn.....		1								1	1	0 07
Cattle.....	3	664							3	664	667	45 26
Cotton, Raw.....												
Coffee.....												
Crockery and Earthenware.....												
Dye Wood and Dye Stuffs.....												
Fish.....												
Flax and Hemp.....												
Flour.....	49								49		49	1 80
Furniture.....	9	52							9	52	61	4 69
Gypsum.....												
Glass, all kinds.....												
Hay, Pressed.....		523								523	5 3	26 48
Hogs.....		114								114	114	8 12
Horses.....	51	276							51	276	327	19 44



cc  
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Hides and Skins, Horns and Hoofs.....		7						7	7	0 67
Ice.....										
Iron, Railway.....										
“ Pig.....										
“ All other.....	38	33					38	33	71	4 33
Iron Ore.....										
Kryolite or Chemical Ore, and other Ore, except Iron.....		3,124						3,124	3,124	156 20
Lard and Lard Oil.....										
Meals, all kinds.....										
Meats, other than Pork.....										
Marble.....										
Manilla.....										
Molasses.....										
Nails.....										
Oats.....		1,521						1,521	1,521	125 93
Oil, in Barrels.....										
Oil Cake.....										
Pease.....		10,956						10,956	10,956	865 21
Potatoes.....	1	483					1	483	484	29 62
Pork.....	7						7		7	0 21
Paint.....										
Pitch and Tar.....		32						32	32	6 01
Rags.....		11						11	11	1 10
Rye.....		2,651						2,651	2,651	245 65
Rosin.....										
Salt.....	52						52		52	3 91
Stone, intended for Cutting.....	2,649	3,576					2,649	3,576	6,225	163 93
“ wrought.....	1,750	515					1,750	515	2,265	128 25
“ not suitable for Cutting, unwrought.....	3,626	360					3,626	360	3,985	78 23
Seeds, all kinds.....		32						32	32	2 13
Sheep.....	1	251					1	251	252	17 32
Soda Ash.....										
Steel.....										
Sugar.....										
Spirits.....	56						56		56	2 80
Tobacco, Raw.....										
Tallow.....										
Tin.....										
Turpentine.....										
Wheat.....		36						30	30	2 78
White Lead.....										
Whiting.....										
Wool.....										
All other Goods and Merchandize not enumerated.....	390	187					390	187	577	41 50

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.		
Bark .....		119								119	119	\$ 11 72
Barrels, Empty.....	190	110							190	110	300	29 01
Boat Knees.....												
Floats .....	83	5,307							83	5,307	5,390	57 54
Fire Wood, in Vessels.....		103,773								103,773	103,773	3,332 33
"    in Rafts.....		2,460								2,460	2,460	51 26
Hoops .....		38								38	38	3 80
Hop Poles.....												
Lumber, Sawn, in Vessels...	91	259,731		211,887					91	471,618	471,709	43,183 69
"    "    in Rafts.....	100	19,870							100	19,870	19,970	706 19
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....	2	346							2	346	348	22 40
Railway Ties, in Vessels.....		1,395								1,395	1,395	194 32
"    in Rafts.....		625								625	625	50 00
Saw Logs.....		35,148								35,148	35,148	887 45
Staves and Headings, Barrel.												
"    "    Pipe.....												
"    "    W.India.....												
Staves, Salt Barrel.....												
Shingles.....		281								281	281	91 94
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails in Rafts.....		160								160	160	14 75
Timber, Square, in Vessels...	394	40							394	40	434	5 19
"    in Rafts.....	497	16,401							497	16,401	16,898	299 05
Traverses.....		754								754	754	4 68

C.  
1  
2  
3  
4  
5  
6  
7

Woodenware and Wood, partly manufactured .....	3	1						3	1	4	0 60
Total Freight paying Tolls .....	10,620	475,359	212,013					10,620	687,972	697,992	51,153 39
Coal, Free, per Order in in Council .....		268							268	268	
Grand Total Freight...	10,620	475,627	212,013					10,620	687,640	698,260	

Total Tolls on Vessels.....	6,202 18
"    Passengers .....	318 52
"    Free Goods .....	\$13 40
Fines, &c.....	49 00
Wharfage and Storage.....	25 57
Other Receipts.....	32 00
<b>Total Revenue, exclusive of Hydraulic Rents.....</b>	<b>\$57,780 66</b>

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

A. BRUNEL,  
*Commissioner.*

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Chamby Canal, and the Amount of Revenue collected during the Season of Navigation in 1881.

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.			
											\$ cts.
Ashes, Pot and Pearl.....			573						573	573	57 30
Apples.....	15	1,221					31		15	1,267	103 40
Agricultural Products not enumerated, Vegetable....	286	405	75						361	405	27 08
Agricultural Products not enumerated, Animal.....	3	9							3	9	0 40
Agricultural Implements.....		3								3	0 30
Barley.....	168	404	3,007						3,175	404	262 28
Bricks.....	619	810					201		619	1,011	112 16
Bones.....											
Brimstone.....											
Cement and Water Lime.....							3			3	0 30
Clay, Lime and Sand.....	1,899	40					3,070		1,898	3,110	5,008 494 31
Coal.....							93,423			93,423	9,250 05
Corn.....											
Cattle.....		69								69	2 30
Cotton, Raw.....											
Coffee.....											
Crockery and Earthenware.....		19								19	1 28
Dye Wood and Dye Stuffs....							214			214	21 40
Fish.....											
Flax and Hemp.....	101								101		10 10
Flour.....	327	217							327	217	544 18 14
Furniture.....		1					3			4	0 41
Gypsum.....	134								134		4 47
Glass, all kinds.....							1			1	0 10
Hay, Pressed.....	2,553	320	771						3,324	320	3,644 326 90
Hogs.....											
Horses.....		2	1				1		1	1	2 50

Hides and Skins, Hoofs and Hoofs.....										
Ice.....										
Iron, Railway.....										
" Pig.....										
" All other.....						409		409	409	59 05
Iron Ore.....										
Kryolite or Chemical Ore, and other Ore, except Iron Lard and Lard Oil.....										
Meals, all kinds.....		2						2	2	0 25
Meats, other than Pork.....										
Marble.....		1				20		21	21	2 10
Manilla.....										
Molasses.....	3					865	3	865	868	86 60
Nails.....										
Oats.....	37	1,846				515	37	2,361	2,398	144 26
Oil, in Barrels.....		2				775		777	777	77 64
Oil Cake.....										
Pease.....	36	5,513	153			83	189	5,596	5,785	392 85
Potatoes.....	21		1,717				1,738		1,738	173 80
Pork.....						49		49	49	4 90
Paint.....						20		20	20	2 00
Pitch and Tar.....						1,480		1,480	1,480	148 00
Rags.....										
Rye.....		2						2	2	0 20
Rosin.....						1,930		1,930	1,930	193 00
Salt.....	1,140	2				1	1,140	3	1,143	94 25
Stone intended for Cutting..	565					2,513	565	2,513	3,078	233 37
" wrought.....	9	6					9	6	15	0 50
" not suitable for Cutting, unwrought....	240	30					240	30	270	4 50
Seeds, all kinds.....										
Sheep.....		267						267	267	8 90
Soda Ash.....										
Steel.....										
Sugar.....						2,061		2,061	2,061	204 54
Spirits.....										
Tobacco, Raw.....		97				6		103	103	10 30
Tallow.....										
Tin.....										
Turpentine.....						680		680	680	68 00
Wheat.....										
White Lead.....										
Whiting.....										
Wool.....										
All other Goods and Merchandize not enumerated..	620	198	265			960	1,294	1,158	2,452	194 71

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—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.		
												\$ cts.
Bark.....												
Barrels, Empty.....			5						5		5	0 90
Boat Knees.....			13						13		13	1 00
Floats.....	90		9,151						9,241		9,241	550 79
Fire Wood, in Vessels.....	384	2,103							384	2,103	2,487	36 18
"    in Rafts.....												
Hoops.....			157						157		157	12 50
Hop Poles.....												
Lumber, Sawn, in Vessels...	4,541	4	62,704						67,245	4	67,249	3,815 98
"    "    in Rafts.....												
Masts, Spars, and Telegraph Poles, in Vessels.....												
Masts, Spars, and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	2,281		2,269						4,550		4,550	363 10
"    "    in Rafts.....												
Saw Logs.....												
Staves and Headings, Barrel												
"    "    "    Pipe.....												
"    "    "    West India												
Staves, Salt Barrel.....												
Shingles.....	94	1							94	1	95	11 65
Split Posts and Fence Rails, in Vessels.....	46								46		46	0 97
Split Posts and Fence Rails, in Rafts.....		40								40	40	0 27
Timber Square, in Vessels...			2,369						2,369		2,369	236 86
"    "    in Rafts.....												
Traverses.....			360						360		360	7 20

Woodenware and Wood partly manufactured. ....	30						10		40	40	6 71
Total Freight paying Tolls ..	16,520	13,671	83,690				109,324	100,210	122,995	223,205	17,840 96
Coal, Free, per Order in Council .....	719							719		719	
Grand Total, Freight .....	17,239	13,671	83,690				109,324	100,929	122,995	223,924	
Total Tolls on Vessels .....											3,960 74
do Passengers .....											63 72
do Free Coal .....											\$59 07
Wharfage and Storage ..											3 30
Fines, and Damages .....											62 00
Other Receipts .....											
Total Revenue, exclusive of Hydraulic Rents .....											\$21,930 72

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

A. BRUNEL,  
*Commissioner.*

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—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 1881.

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.....	15	50							15	50	65	10 91
Apples.....		27								27	27	1 13
Agricultural Products not enumerated, Vegetable....	186	50							186	50	236	9 09
Agricultural Products not enumerated, Animal.....	358	718							358	718	1,076	65 57
Agricultural Implements....	42	85							42	85	127	16 72
Barley.....	302								302		302	9 81
Bricks.....	250	23							250	23	273	8 63
Bones.....		5								5	5	0 35
Brimstone.....												
Cement and Water Lime.....	38	148							38	148	186	4 68
Clay, Lime and Sand.....	125	4							125	4	129	3 41
Coal.....		3,021								3,021	3,021	148 56
Corn.....		475								475	475	17 86
Cattle.....	1								1		1	0 03
Cotton, Raw.....												
Crockery and Earthenware.....	36	6							36	6	42	5 33
Dye Wood and Dye Stuffs....		2								2	2	0 27
Fish.....	25	2							25	2	27	0 69
Flax and Hemp.....												
Flour.....	29	278							29	278	307	8 79
Furniture.....	16	25							16	25	41	4 75
Gypsum.....	10								10		10	0 29
Glass, all kinds.....	14	6							14	6	20	2 15
Hay, Pressed.....	269	17							269	17	286	7 49
Hogs.....		4								4	4	0 41
Horses.....	5	1							5	1	6	0 19



Hides and Skins, Horns and Hoofs.....	7	14					7	14	21	1 01
Ice.....										
Iron, Railway.....	5	6					5	6	11	0 44
" Pig.....	252	34					252	34	286	10 99
" All other.....	152	72					152	72	224	10 72
Iron Ore.....	5, 60						5,260		5,260	263 00
Kryolite or Chemical Ore, and other Ore, except Iron.....	3,846	483					3,846	483	4,329	216 45
Lard and Lard Oil.....	21	4					21	4	25	0 91
Meals, all kinds.....	8	15					8	15	23	0 70
Meats, other than Pork.....		3						3	3	0 11
Marble.....		3						3	3	0 27
Manilla.....										
Molasses.....	1	3					1	3	4	0 36
Nails.....	73	18					73	18	91	10 85
Oats.....	18	14					18	14	32	0 81
Oil, in Barrels.....	38	145					38	145	183	22 75
Oil Cake.....										
Pease.....	77	174					77	174	251	17 20
Potatoes.....	183	17					183	17	200	6 28
Pork.....	2	42					2	42	44	1 22
Paint.....		1						1	1	0 18
Pitch and Tar.....	11	74					11	74	85	16 28
Rags.....	6	1					6	1	7	1 33
Rye.....	1,599	350					1,599	350	1,949	89 13
Rosin.....										
Salt.....	1,060	266					1,060	266	1,326	40 29
Stone, intended for Cutting.....	50	13					50	13	63	2 71
" wrought.....	1						1		1	0 09
" not suitable for Cutting, unwrought.....										
Seeds, all kinds.....	4	1					4	1	5	0 16
Sheep.....	9						9		9	0 23
Soda Ash.....	6						6		6	0 81
Steel.....										
Sugar.....	59	56					59	56	115	14 38
Spirits.....	9	28					9	28	37	4 99
Tobacco, Raw.....	1	1					1	1	1	0 03
Tallow.....		8						8	8	0 94
Tin.....	15	7					15	7	22	2 85
Turpentine.....										
Wheat.....	55	62					55	62	117	5 01
White Lead.....	1						1		1	0 09
Whiting.....	1						1		1	0 09
Wool.....	5	13					5	13	18	0 79
All other Goods and Merchandize not enumerated..	226	507					226	507	733	89 70

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—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.		
Park.....	135								135		135	\$ 3 40
Barrels, Empty.....	22	10							22	10	32	1 95
Boat Knees.....												
Floats.....	4,699	220							4,699	220	4,919	89 95
Fire Wood, in Vessels.....	46,314	5,052	279						46,593	5,052	51,645	872 63
"    in Rafts.....												
Hoops.....												
Hop Poles.....	266		91						357		357	40 75
Lumber, Sawn, in Vessels.....	7,351	141	611						7,962	141	8,103	321 49
"    in Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	4,965	4	4,643						9,608	4	9,612	826 92
"    in Rafts.....	836	1,200							836	1,200	2,036	112 61
Saw Logs.....	962	858							962	858	1,820	41 56
Staves and Headings, Barrel.....		20								20	20	0 20
"    "    Pipe.....												
"    "    West India.....												
Staves, Salt Barrel.....	32	511							32	511	543	28 59
Shingles.....	40	37	25						65	37	102	27 71
Split Posts and Fence Rails, in Vessels.....	18		58						76		76	9 46
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....												
"    in Rafts.....	40	1,442							40	1,442	1,482	55 88
Traverses.....	4,949	3,940							4,949	3,940	8,889	80 27

Woodenware and Wood, partly manufactured.....	1	20						1	20	21	2 87
Total Freight paying Tolls	85,411	20,837	5,707					91,118	20,837	111,955	3,677 50
Coal, Free, per Order in Council.....	1,321							1,321		1,321	
Grand Total, Freight.....	86,732	20,837	5,707					92,439	20,837	113,276	

Total Tolls on Vessels.....											1,881 67
“ Passengers.....											136 87
“ Free Coal.....										\$33 37	
Wharfage and Storage.....											106 78
Fines and Damages.....											10 00
Other Receipts.....											204 00
Total Revenue from all sources.....											6,016 82

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

A. BRUNEL,  
*Commissioner.*

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 28.—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 1881.

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.....	41	852							41	852	893	\$ cts. 8 93
Flour.....	576								576		576	5 76
Coal.....	50	5,016							50	5,016	5,066	50 66
Lumber.....	438	1,202							438	1,202	1,640	16 40
Other Agricultural Products	533	3,969							533	3,969	4,502	45 02
Other Merchandize.....	555	582							555	582	1,137	11 37
Total.....	2,193	11,621							2,193	11,621	13,814	138 14
Total Tolls on Vessels.....											1,345	56
" Passengers .....												
Total Revenue, exclusive of Hydraulic Rents.....											1,483	70

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 29 —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 1881.

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.
Bricks.....												
Clay, Lime and Sand.....												
Bark.....												
Firewood, in Vessels.....	6,459								6,459		6,459	117 65
Floats.....												
Lumber, Sawn, in Vessels.....	937								937		937	5 62
Railway Ties.....	718	12							718	12	730	32 48
Saw Logs.....	3,500	325							3,500	325	3,825	76 50
Shingles.....												
Split Posts, &c.....												
Timber, Square.....	2,850								2,850		2,850	51 00
Traverses.....												
Iron Ore.....	25								25		25	0 25
Stone, unwrought.....												
Total Freight paying Tolls.....	14,489	337							14,489	337	14,826	283 50
Total Tolls on Vessels.....												14 50
Other Receipts.....												
Total Revenue, exclusive of Hydraulic Rents.....												298 00

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

A. BRUNEL,  
Commissioner.

## SUPPLEMENTARY

No. (A) 30.—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.....	170,162	2,386 65	943,540	5,864 78	82,572	273 83
United States Vessels, steam	14,159	196 29	21,424	114 24	553	4 73
Canadian Vessels, sail.....	397,684	7,762 11	939,487	9,794 28	117,599	2,029 50
United States Vessels, sail..	157,614	3,524 07	100,923	1,129 42	115,720	1,652 68
<b>Total, Class No. 1 .....</b>	<b>739,619</b>	<b>13,869 12</b>	<b>2,005,374</b>	<b>16,902 72</b>	<b>316,444</b>	<b>3,960 74</b>
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	1,685	88 72	79,388	4,210 78	3,361	63 72
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Brimstone.....			31	4 65		
Bricks.....	11	2 20	3,989	386 47	1,630	112 16
Cement and Water Lime.....	45	5 76	1,054	112 17	3	0 30
Clay, Lime and Sand.....	522	55 83	10,520	449 50	5,008	494 31
Fish.....	1	0 13	813	77 34		
Gypsum.....	1,118	100 90	4,071	157 61	134	4 47
Iron, Railway.....	4,585	687 75	33,001	4,909 95		
“ Pig.....	1,779	308 05	17,144	2,433 14		
“ all other.....	5,234	770 61	8,268	970 50	409	59 05
Salt.....	10	1 50	12,514	1,475 52	1,143	94 25
Stone, for Cutting.....	2,826	540 35	1,955	98 18	3,078	233 37
Apples.....	999	29 79	6,965	1,017 03	1,267	103 40
Barley.....	24,599	3,776 50	8,102	674 63	3,579	262 28
Corn.....	103,075	20,549 20	35,298	2,964 27		
Cotton, Raw.....			125	7 51		
Flax and Hemp.....					101	10 10
Flour.....	9,959	254 82	13,889	1,921 73	544	18 14
Hay, Pressed.....	337	56 80	931	54 35	3,644	326 90
Meals, all kinds.....	320	8 14	1,213	55 92	2	0 20
Oil Cake.....			1	0 07		
Oats.....			14,196	1,206 75	2,398	144 26
Pease.....	92	18 40	53,577	4,967 67	5,785	392 85
Potatoes.....	675	103 62	5,143	646 88	1,738	173 80
Rye.....	1,844	275 85	10,034	1,322 06	2	0 20
Seeds, all kinds.....	16	3 20	254	22 04		
Tobacco, Raw.....			4	0 16	103	10 30
Wheat.....	127,832	23,907 94	117,076	14,148 54		
All other Agricultural Pro- ducts, Vegetable.....	1,054	48 45	3,374	342 39	766	27 08
Bones.....			778	100 01		
Cattle.....			1,332	95 33	69	2 30
Hogs.....			179	15 69		
Hides and Skins, Horns and Hoofs.....			79	10 35		
Horses.....	10	1 20	450	37 56	11	0 50
Lard and Lard Oil.....	309	61 80	150	12 55		
Meats, other than Pork.....	1	0 20	189	17 76		
Pork.....	5,506	1,088 33	985	99 01	49	4 90
Sheep.....			657	49 79	267	8 90

## APPENDIX A.—Continued.

the Amount of Tolls collected during the Season of Navigation in 1881.

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.
305,941	3,356 35	185,800	644 53	70,238	670 46	16,013	812 80	2,435	12 50
66,620	666 20	284,899	3,973 51	233	4 05	1,108 09	532 76	230	2 00
626	6 26	71,088	1,584 14	4,341	39 07				
373,190	4,028 81	541,697	6,203 18	186,458	1,881 67	42,651	1,345 56	2,665	14 50
No.		No.		No.		No.		No.	
7,744		18,967	318 52	4,697	136 87	2,294			
Tons.		Tons.		Tons.		Tons.		Tons.	
342		31	1 29	273	8 63				
97		1,008	28 50	186	4 68				
605		1,743	67 06	129	3 41				
119				27	0 69	893	8 93		
				10	0 29				
5,746				11	0 44				
6,424				286	10 99				
2,321		71	4 33	224	10 72				
117		52	3 91	1,326	40 29				
1,212		6,225	163 93	63	2 71				
1,565		8	0 56	27	1 13				
1,843		455	44 32	302	9 81				
1,714		1	0 07	475	17 86				
4									
1,287		49	1 80	307	8 79	576	5 76		
		523	26 48	286	7 49				
				23	0 70				
444		1,521	125 93	32	0 81				
396		10,956	865 21	251	17 20				
12		484	29 62	200	6 28				
202		2,651	245 05	1,949	89 13				
33		32	2 13	5	0 16				
2				1	0 03				
25,997		30	2 78	117	5 01				
226		280	20 09	236	9 09	4,502	45 02		
		33	2 43	5	0 35				
19		667	45 26	1	0 03				
		114	8 12	4	0 41				
8		7	0 67	21	1 01				
18		327	19 44	6	0 19				
42				25	0 91				
39				3	0 11				
216		7	0 21	44	1 22				
		252	17 32	9	0 23				

## No. (A) 30.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 3—Continued.</i>		\$ cts.		\$ cts.		\$ cts.
Tallow.....			62	6 19		
Wool.....			591	76 39		
All other Agricultural Pro- ducts, Animal.....			2,281	245 07	12	0 40
Total, Class No. 3.....	292,790	52,660 32	371,308	41,192 73	31,742	2,484 42
<i>Class No. 4.</i>						
Ashes, Pot and Pearl.....	42	4 10	614	111 80	573	57 30
Agricultural Implements....	10	2 00	399	36 02	3	0 30
Crockery and Earthenware....	4	0 80	1,848	237 23	19	1 28
Dye Woods and Dye Stuffs....			590	78 38	214	21 40
Furniture.....	29	5 65	566	56 42	4	0 41
Glass, all kinds.....	46	9 85	2,403	474 20	1	0 10
Marble.....	6	1 03	227	40 13	21	2 10
Mantilla.....			108	18 90		
Molasses.....			789	85 94	868	86 60
Nails.....	112	20 65	5,410	971 74		
Oil, in Barrels.....	896	178 18	3,630	396 81	777	77 64
Paint.....	12	2 05	830	156 88	20	2 00
Pitch and Tar.....			1,647	94 93	1,480	148 00
Rags.....	84	12 50	1,511	175 40		
Rosin.....			1,425	75 69	1,930	193 00
Soda Ash.....			4,588	862 84		
Steel.....	1	0 43	67	13 25		
Sugar.....	6	0 15	6,953	899 66	2,061	204 54
Stone, Wrought.....	919	175 72	444	25 37	15	0 50
Tin.....	1	0 03	2,863	503 19		
Turpentine.....			671	33 70	680	68 00
White Lead.....	5	0 65	238	44 73		
Whiting.....			204	39 80		
Whiskey and all other Spirits	230	43 47	1,866	297 66		
Merchandise, not enumerated	404	55 55	17,311	2,507 11	2,452	194 71
Total, Class No. 4.....	2,807	512 42	56,602	8,337 75	11,118	1,057 88
<i>Class No. 5.</i>						
Bark.....			1	0 15		
Barrels, Empty.....	34	4 43	799	95 53	5	0 90
Boat Knees.....			17	0 33	13	1 00
Floats.....			3,988	69 79	9,241	550 79
Firewood, in Vessels.....	47,172	2,214 83	43,980	1,206 84	2,487	36 18
"    Rafts.....						
Lumber, Sawed, in Vessels....	45,184	6,838 09	58,697	4,200 45	67,249	3,815 98
"    Rafts.....	10	0 45	5,616	259 15		
Hoops.....			20	1 70	157	12 50
Railway Ties, in Vessels.....	125	7 50	6,324	222 90	4,550	363 10
"    Rafts.....						
Masts, Spars, and Telegraph Poles, in Vessels.....	558	83 33				



## APPENDIX A.—Continued.

Canals, and the Amount of Tolls collected, &amp;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.
				8	0 94				
63				18	0 79				
186		505	37 04	1,076	65 57				
51,290		28,032	1,763 55	7,966	328 10	5,971	59 71		
762		301	4 67	65	10 91				
43		2	0 24	127	16 72				
455				42	5 33				
17				2	0 27				
21		61	4 69	41	4 75				
1,253				20	2 15				
16				3	0 27				
9									
178				4	0 36				
1,937				91	10 85				
425				183	22 75				
180				1	0 18				
24		32	6 01	85	16 28				
73		11	1 10	7	1 33				
181									
640				6	0 81				
37									
2,761				115	14 38				
5		2,265	128 25	1	0 09				
232				22	2 85				
4									
64				1	0 09				
115				1	0 09				
352		56	2 80	37	4 99				
6,368		577	41 50	733	89 70	1,137	11 37		
16,150		3,134	189 26	1,587	205 15	1,137	11 37		
		119	11 72	135	3 40				
10		300	29 01	32	1 95				
		5,390	57 54	4,919	89 95				
60		103,773	3,352 33	51,645	872 63			6,459	117 65
		2,460	51 26						
2,092		471,709	43,183 69	8,103	321 49	1,640	16 40	937	5 62
		19,970	706 19						
		38	3 80						
		1,395	194 32	9,612	826 92			730	32 48
		625	50 00	2,036	112 61				
650									

## No. (A) 30.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5.—Continued.</i>		\$ cts.		\$ cts.		\$ cts.
Masts, Spars, and Telegraph Poles, in Rafts.....			15,118	377 95		
Square Timber, in Vessels....	78,991	11,817 75	3,248	146 23	2,369	236 86
"    Rafts.....	4,437	884 24	9,932	293 45		
Woodenware and Wood partly manufactured.....	1,230	93 60	615	226 77	40	6 71
Shingles.....	38	3 69	99	22 09	95	11 65
Split Posts and Fence Rails, in Vessels.....	16	0 80	1	0 30	46	0 97
Split Posts and Fence Rails, in Rafts.....			3	0 45	40	0 27
Saw Logs.....	13,158	499 71	2,852	65 20		
Staves and Headings, Barrel			126	9 15		
"    Pipe.....	2,420	452 99	108	11 20		
"    "    West India.	1,856	347 87	523	69 04		
"    "    Salt Barrel.			346	5 89		
Traverses.....			8,132	21 40	360	7 20
Hop Poles.....						
Total, Class No. 5.....	195,229	23,249 28	160,545	7,365 96	86,652	5,044 11
<i>Special Class.</i>						
Coal.....	128,113	24,180 42	106,065	15,190 34	93,423	9,250 05
Kryolite or Chemical Ore....	98	4 90	2,537	126 85		
Iron Ore.....	12,951	647 55				
Stone, unwrought, not suitable for cutting.....	10,885	478 46	4,401	111 45	270	4 50
Ice.....						
Total, Special Class....	152,047	25,311 33	113,003	15,428 64	93,693	9,254 55
Total Freight and Tolls.....	642,873	115,691 19	701,458	93,438 58	223,205	21,865 42
Timber and other Wood, Free.....	707	40 66	11,602	1,056 11		
Wheat, Corn, Flour, Iron, Salt, Coal, etc., etc. Free	42,926	5,872 58	244,386	28,426 70	719	59 07
Grand Totals, (Passengers and Tonnage of Vessels not included).	686,506	121,604 43	957,446	122,921 39	223,924	21,924 49

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

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.
		348	22 40						
14,905		434	5 19					2,850	51 00
10,367		16,898	299 05	1,482	55 88				
47		4	0 60	21	2 87				
		281	91 94	102	27 71				
1,600				76	9 46				
4,100		160	14 75						
		35,148	887 45	1,820	41 56			3,825	76 50
400				20	0 20				
112									
106				543	28 59				
		754	4 66	8,889	80 27				
				357	40 75				
34,449		659,806	48,965 90	89,792	2,516 24	1,640	16 40	14,801	283 25
43,289		10	0 25	3,021	148 56	5,066	50 66		
		3,124	156 20	4,329	216 45			25	0 25
				5,260	263 00				
		3,986	78 23						
43,289		7,120	234 68	12,610	628 01	5,066	50 66	25	0 25
145,178	4,028 81	697,992	57,674 09	111,955	5,696 04	13,814	1,483 70	14,826	298 00
		268	13 40	1,321	33 37				
145,178	4,028 81	698,260	57,687 49	113,276	5,729 41	13,814	1,483 70	14,826	298 00

A. BRUNEL,  
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 32.—STATEMENT showing the Amount of Tolls collected each Month during the Season of Navigation ended December, 1881.

Canals and Offices.	February.	March.	April.	May.	June.	July.	August.	September	October.	November	December.	Total.
WELLAND CANAL.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chippawa.....			1 97		36 00	8 12	2 65	17 65	8 92	7 07		82 38
Colborne.....				12,962 01	16,273 52	12,425 16	15,580 87	10,768 90	7,154 97	5,391 60	97 68	80,654 69
Dalhousie.....				5,442 18	5,325 85	4,298 57	4,010 12	4,445 86	4,365 73	2,685 28	2 25	30,575 82
Dunnville.....				148 36	120 65	14 42	84 65	22 88	71 84	146 95		609 75
Maitland.....				130 32	138 41	88 90	138 26	57 47	107 89	100 33		761 58
Robinson.....				516 11	392 26	152 22	119 36	231 59	368 23	328 73	15 56	2,124 06
St. Catharines.....			4 75	199 01	76 26	147 91	135 93	123 35	88 53	106 42	0 75	882 91
<b>Total, Welland Canal.</b>			6 72	19,397 97	22,362 95	17,135 30	20,071 84	15,667 70	12,166 11	8,766 38	116 22	115,691 19
ST. LAWRENCE CANALS												
Beauharnois.....			7 09	374 73	396 77	310 03	226 79	708 61	1,564 09	523 79		4,111 90
Cornwall.....			215 91	3,163 16	2,599 96	3,133 38	3,522 87	3,888 08	4,592 11	2,470 45		23,585 92
Cardinal.....			3 34	98 50	46 58	69 99	69 15	112 84	50 77	62 14	15 85	529 16
Kingston.....			398 70	4,371 51	3,803 05	4,091 55	3,155 66	3,296 56	3,991 67	684 63		23,793 33
Lachine.....			4 49	378 38	264 07	252 37	415 76	987 34	545 96	171 71		3,020 08
Montreal.....			164 69	4,189 96	6,620 34	6,888 76	7,755 84	5,468 79	3,911 45	3,398 62		38,398 19
<b>Total, St. Lawrence Canals.</b>			794 22	12,576 24	13,730 77	14,746 08	15,145 81	14,462 22	14,656 05	7,311 34	15 85	93,438 58
CHAMBLY CANAL.												
Chambly.....				535 59	607 00	988 03	1,094 87	1,562 96	1,038 30	1,034 49		6,861 24
St. Johns.....				2,008 83	2,160 70	2,164 92	2,522 93	2,080 02	1,967 07	1,456 55		14,361 02
St. Ours.....			22 77	51 63	78 05	76 16	82 37	68 70	138 28	125 20		643 15
<b>Total, Chambly Canal.</b>			22 77	2,596 05	2,845 75	3,829 11	3,700 17	3,711 68	3,143 65	2,616 24		21,865 42

OTTAWA CANALS.											
Ottawa.....			5,399 75	7,033 82	6,324 10	5,619 69	4,050 71	3,164 86	1,970 36		33,563 29
Carillon.....			90 95	284 28	966 81	306 07	119 90	57 23	89 89		1,915 23
Grenville.....		51 26	2,790 43	3,565 14	2,767 22	3,402 59	2,334 99	2,472 69	1,459 42		18,843 44
St. Anne's.....		38 42	331 41	422 69	575 35	515 00	510 29	684 64	274 33		3,352 13
Total, Ottawa Canals.....		89 68	8,612 54	11,305 93	10,633 48	9,843 35	7,015 89	6,379 42	3,793 80		57,674 09
BURLINGTON BAY CANAL.											
Hamilton.....		81 74	512 92	859 11	549 52	636 22	582 80	503 48	279 41	23 61	4,028 81
RIDEAU CANAL.											
Kingston Mills.....			401 47	385 14	433 33	351 33	371 70	339 62	165 94		2,448 53
Ottawa.....			629 38	568 71	466 47	285 56	299 03	185 14	185 76		2,620 05
Smith's Falls.....		3 19	110 13	100 05	110 63	197 45	51 10	40 16	14 75		627 46
Total, Rideau Canal.....		3 19	1,140 98	1,053 90	1,010 43	834 34	721 83	564 92	366 45		5,696 04
ST. PETER'S CANAL.											
St. Peter's.....		6 20	95 52	607 96	149 59	126 04	137 88	161 34	116 62	82 55	1,483 70
NEWCASTLE DISTRICT CANALS.											
Bobcaygeon.....			52 40	38 39	43 90	44 42	26 89	46 75			282 75
Peterborough.....				1 40	4 50			3 40	1 40		10 79
Hastings.....		5 50		2 00	15 75	9 80		1 00	0 50		34 55
Total, Newcastle District Canals.....		5 50	52 40	41 79	64 15	54 22	26 89	51 15	1 90		298 00
Grand Total.....		1,010 02	44,984 62	52,808 16	47,517 66	50,411 99	42,326 89	37,626 12	23,252 14	238 23	300,175 83

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

APPENDIX A.—Continued.

No. 33.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals, during the Season of Navigation ended 31st December, 1881, and the Tolls collected thereon.

Articles.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
cts													
<b>WELLAND CANAL.</b>													
Canadian Vessels, steam.....	639	43,502	45,772	25,524	.....	171	.....	834	54,359	70,031	100,131	170,162	2,386 65
"    sail.....	2,031	79,861	65,456	113,443	1,634	318	260	5,226	131,476	198,858	198,826	397,684	7,762 11
Total Canadian.....	2,670	123,363	111,228	138,967	1,634	489	260	6,070	185,835	268,889	298,957	567,846	10,148 76
United States Vessels, steam..	100	607	443	383	443	5,880	5,711	346	346	7,216	6,943	14,159	196 29
"    sail.....	562	70	201	7,540	266	70,548	52,486	530	25,973	78,688	78,926	157,614	3,524 07
Total United States.....	662	677	644	7,923	709	76,428	58,197	876	26,319	85,904	85,869	171,773	3,720 36
Grand Total, Welland Canal	3,332	124,040	111,872	146,890	2,343	76,917	58,457	6,946	212,154	354,793	384,826	739,619	13,869 12
<b>ST. LAWRENCE CANALS.</b>													
Canadian Vessels, steam.....	3,619	517,559	381,247	33,553	126	.....	.....	148	10,907	551,261	392,280	943,540	5,864 78
"    "    sail.....	5,794	523,716	360,618	21,071	1,862	20	.....	647	31,553	545,454	394,033	949,487	9,794 28
Total Canadian.....	9,413	1,041,275	741,865	54,624	1,988	20	.....	795	42,460	1,096,714	786,313	1,883,027	15,659 06
United States Vessels, steam..	371	77	195	2,186	24	8,623	8,187	276	1,856	11,162	10,262	21,424	114 24
"    "    sail.....	1,061	2,708	8,610	7,181	10,176	1,854	1,685	61,004	7,705	72,747	28,176	100,923	1,129 42
Total United States.....	1,432	2,785	8,805	9,367	10,200	10,477	9,872	61,280	9,561	83,909	38,438	122,347	1,243 66
Grand Total, St. Lawrence Canals.....	10,845	1,044,060	750,670	63,991	12,188	10,497	9,872	62,075	52,021	1,180,623	824,751	2,005,374	16,902 72

CHAMBLY CANAL.												
Canadian Vessels, steam.....	498	39,473	37,972	1,279				3,848	40,752	41,820	81,572	273 83
“ “ sail.....	1,419	15,917	17,131	14,459				70,092	30,376	87,223	117,599	2,029 50
Total Canadian.....	1,917	55,390	55,103	15,738				73,940	71,128	129,043	209,171	2,303 33
United States Vessels, steam..	6	8		545					553		553	4 73
“ “ sail....	1,179	1,319	1,047	21,497	9			91,848	22,816	92,904	115,720	1,632 68
Total United States.....	1,185	1,327	1,047	22,042	9			91,848	23,369	92,904	116,273	1,657 41
Grand Total, Chamblly Canal.....	3,102	56,717	56,150	37,780	9			165,788	94,497	221,947	316,444	3,960 74
BURLINGTON BAY CANAL.												
Canadian Vessels, steam.....	642	150,371	152,112	1,264			2,197		152,568	153,376	305,944	3,356 35
“ “ sail.....	356	8,778	128,774	4,336			21,732		33,510	33,110	66,620	666 20
Total Canadian.....	998	159,149	180,886	5,600			26,929		186,078	186,486	372,564	4,022 55
United States Vessels, steam..												
“ “ sail.....	6	32	148	165			281		313	313	626	6 26
Total United States.....	6	32	148	165			281		313	313	626	6 26
Grand Total, Burlington Bay Canals.....	1,004	159,181	181,034	5,765			27,210		186,391	186,799	373,190	4,028 81
OTTAWA CANALS.												
Canadian Vessels, steam.....	1,286	70,534	112,926	2,340					70,534	115,266	185,800	644 53
“ “ sail.....	2,902	39,821	199,686	45,302					39,821	244,988	284,809	3,973 51
Total Canadian.....	4,188	110,355	312,612	47,642					110,355	360,254	470,609	4,618 04
United States Vessels, steam..												
“ “ sail.....	719	8,306	6,457	51,380			4,945		13,251	57,837	71,088	1,584 14
Total United States.....	719	8,306	6,457	51,380			4,945		13,251	57,837	71,088	1,584 14
Grand Total, Ottawa Canals	4,907	118,661	319,069	99,022			4,945		123,606	418,091	541,697	6,202 18

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 33.—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.													\$	cts.
Canadian Vessels, steam.....	1,136	30,746	38,721	771	.....	.....	.....	.....	.....	31,517	38,721	70,238	670 46	
“ “ sail.....	1,782	47,776	60,222	3,448	.....	.....	.....	.....	.....	51,224	60,222	111,446	1,168 09	
Total Canadian.....	2,918	78,522	98,943	4,219	.....	.....	.....	.....	.....	82,741	98,943	181,684	1,838 55	
United States Vessels, steam.	16	42	166	25	.....	.....	.....	.....	.....	67	166	233	4 05	
“ “ sail.....	47	522	3,731	288	.....	.....	.....	.....	.....	810	3,731	4,541	39 07	
Total United States.....	63	564	3,897	313	.....	.....	.....	.....	.....	877	3,897	4,774	43 12	
Grand Total, Rideau Canal	2,981	79,086	102,840	4,532	.....	.....	.....	.....	.....	83,618	102,840	186,458	1,881 67	
ST. PETER'S CANAL.														
Canadian Vessels, steam.....	159	8,296	7,717	.....	.....	.....	.....	.....	.....	8,296	7,717	16,013	812 80	
“ “ sail.....	725	14,960	11,678	.....	.....	.....	.....	.....	.....	14,960	11,678	26,638	532 76	
Total Canadian.....	884	23,256	19,395	.....	.....	.....	.....	.....	.....	23,256	19,395	42,651	1,345 56	
NEWCASTLE DISTRICT CANALS.														
Canadian Vessels, steam.....	26	735	1,700	.....	.....	.....	.....	.....	.....	735	1,700	2,435	12 50	
“ “ sail.....	4	20	210	.....	.....	.....	.....	.....	.....	20	210	230	2 00	
Total Canadian.....	30	755	1,910	.....	.....	.....	.....	.....	.....	755	1,910	2,665	14 50	



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.			
<b>CANADIAN VESSELS.</b>													\$	cts.
<i>Steam and Sail.</i>														
Welland .....	2,670	123,361	111,228	138,967	1,634	489	260	6,070	185,835	268,889	293,957	567,846	10,148	76
St. Lawrence .....	9,113	1,041,275	741,865	54,624	1,968	20	.....	795	42,460	1,096,714	786,313	1,883,027	15,659	06
Chambly .....	1,917	55,300	55,191	15,738	.....	.....	.....	.....	73,940	71,128	129,043	209,171	2,303	33
Burlington Bay .....	898	159,149	180,886	.....	5,699	.....	.....	23,929	.....	186,078	186,484	372,564	4,022	55
Ottawa .....	4,188	119,335	312,612	.....	47,642	.....	.....	.....	.....	119,355	339,254	470,509	4,618	04
Rideau .....	2,918	78,522	98,943	4,219	.....	.....	.....	.....	.....	82,741	98,913	181,684	1,838	55
St. Peter's .....	884	23,256	19,395	.....	.....	.....	.....	.....	.....	23,256	19,395	42,651	1,345	56
Newcastle District .....	30	755	1,910	.....	.....	.....	.....	.....	.....	755	1,910	2,665	14	50
<b>Total Canadian.....</b>	<b>23,018</b>	<b>1,592,065</b>	<b>1,521,942</b>	<b>213,548</b>	<b>56,864</b>	<b>599</b>	<b>260</b>	<b>33,794</b>	<b>302,235</b>	<b>1,839,916</b>	<b>1,881,301</b>	<b>3,721,217</b>	<b>39,950</b>	<b>35</b>
<b>UNITED STATES VESSELS.</b>													\$	cts.
<i>Steam and Sail.</i>														
Welland.....	662	677	644	7,923	700	76,428	58,197	876	26,319	85,904	85,869	171,773	3,720	36
St. Lawrence .....	1,431	2,785	8,805	9,367	10,200	10,477	9,872	61,280	9,561	83,909	38,438	122,347	1,243	66
Chambly .....	1,185	1,327	1,047	22,042	9	.....	.....	.....	91,848	23,369	92,904	116,273	1,657	41
Burlington Bay .....	6	32	148	.....	165	.....	.....	281	.....	313	313	626	6	26
Ottawa .....	719	8,306	6,457	.....	51,380	.....	.....	4,945	.....	13,251	57,837	71,088	1,594	14
Rideau .....	63	564	3,897	313	.....	.....	.....	.....	.....	877	3,897	4,774	43	12
St. Peter's .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newcastle District .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total United States..</b>	<b>4,067</b>	<b>13,691</b>	<b>20,998</b>	<b>39,545</b>	<b>62,463</b>	<b>86,905</b>	<b>68,069</b>	<b>67,382</b>	<b>127,728</b>	<b>207,623</b>	<b>279,258</b>	<b>486,881</b>	<b>8,254</b>	<b>95</b>
<b>Grand Total Canadian and United States...</b>	<b>27,085</b>	<b>1,605,756</b>	<b>1,542,940</b>	<b>253,193</b>	<b>119,327</b>	<b>87,414</b>	<b>68,329</b>	<b>101,176</b>	<b>429,963</b>	<b>2,047,539</b>	<b>2,160,559</b>	<b>4,208,098</b>	<b>48,205</b>	<b>30</b>

INLAND REVENUE DEPARTMENT,  
 OTTAWA, 31st March, 1882.

A. BRUNEL,  
 Commissioner.

SUPPLEMENTARY APPENDIX A.—*Concluded.*

No. (A) 33½.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation, 1880 and 1881, 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.	p.	Down.		
1880.												
Welland Canal.....	26,879	109,458	71,848	11,605	97,653	81,952	5,985	4,154	202,265	617,669	819,934	147,367 68
St. Lawrence Canals.....	161,620	744,386	17,283	22,455	1,289	1,520	64,794	54,209	244,986	827,570	1,072,556	88,890 72
Chambly Canal.....	10,943	13,982	80,545	1,172	.....	.....	.....	5,420	91,593	110,574	202,067	20,340 85
Rideau Canal.....	79,889	19,085	2,324	.....	.....	.....	.....	.....	82,213	19,085	101,298	5,277 70
Ottawa Canals.....	6,199	411,691	.....	226,384	.....	.....	275	.....	6,474	638,075	644,549	58,890 43
Burlington Bay Canal.....	25,203	28,472	.....	5,129	.....	.....	39,804	.....	65,007	33,601	98,608	3,813 93
St. Peter's Canal.....	1,954	2,081	.....	.....	.....	.....	.....	.....	1,964	2,081	4,045	185 09
Newcastle District Canals.....	17,455	769	.....	.....	.....	.....	.....	.....	17,455	769	18,224	218 19
											2,961,261	
1881.												
Welland Canal.....	22,819	106,693	88,712	8,221	97,917	96,266	11,027	254,861	220,465	466,041	686,506	115,691 19
St. Lawrence Canals.....	190,858	578,914	25,114	20,455	1,603	2,390	58,622	8,160	276,427	681,019	957,446	93,438 58
Chambly Canal.....	17,239	13,671	83,699	.....	.....	.....	.....	109,324	100,920	122,995	223,914	21,865 42
Rideau Canal.....	86,732	20,857	5,707	.....	.....	.....	.....	.....	92,439	20,837	113,276	5,696 04
Ottawa Canals.....	10,620	475,627	.....	212,013	.....	.....	.....	.....	10,620	687,640	698,260	57,674 09
Burlington Bay Canal.....	28,237	68,788	.....	3,002	.....	.....	44,985	166	73,222	71,956	145,178	4,028 81
St. Peter's Canal.....	2,193	11,621	.....	.....	.....	.....	.....	.....	2,193	11,621	13,814	1,483 70
Newcastle District Canals.....	14,489	337	.....	.....	.....	.....	.....	.....	14,489	337	14,826	298 00
											3,561,220	

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st March, 1882.

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