

Historical File Copy

SUPPLEMENT No. 1.

84098

TO THE

INLAND REVENUE REPORT

FOR THE YEAR ENDED 30TH JUNE, 1880.

CANAL STATISTICS

FOR THE SEASON OF NAVIGATION, 1880. ✓



OTTAWA :
PRINTED BY MACLEAN, ROGER & Co., WELLINGTON STREET,
1881.

1912

STATE OF TEXAS

COUNTY OF ...

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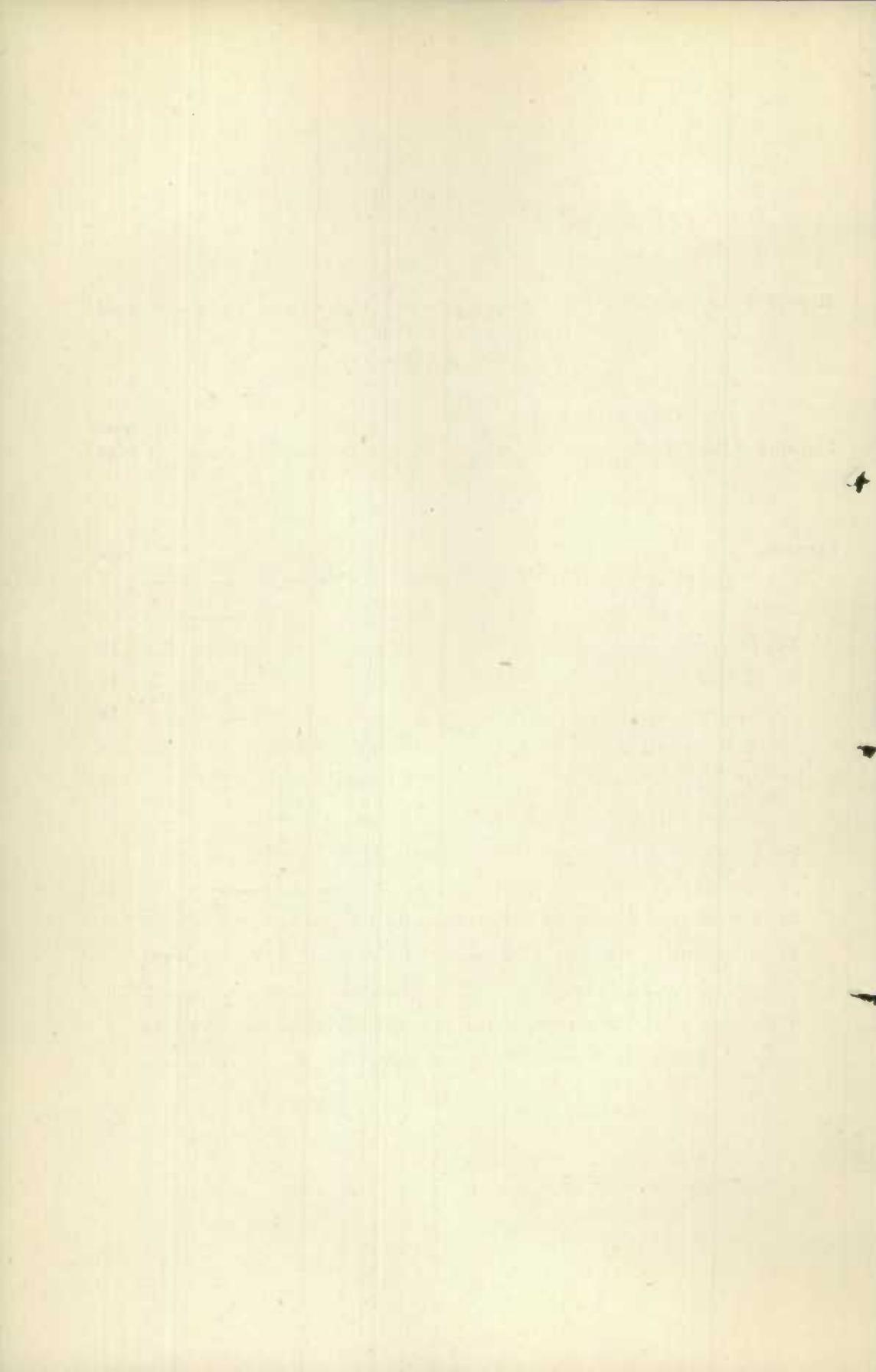
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31st December, 1880.**

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SUPPLEMENT No. 1.

TO THE

REPORT

OF THE

COMMISSIONER OF INLAND REVENUE

To the Honorable
The Minister of Inland Revenue.

SIR,—I have now the honor to submit my Report on the Canal Statistics for the season of navigation of 1880:—

1. The statistics of the season of 1879 are printed with the Annual Report of the Department; and comparing them with those now submitted, it will be seen that the aggregate revenue has increased in 1880 by \$17,517.30. This increase is accounted for as follows:—

	Increase.	Decrease.
	\$ cts.	\$ cts.
On the Welland Canal.....	.....	16,252 47
do St. Lawrence Canals....	16,713.75	.....
do Burlington Bay Canal...	176 81	.....
do Chambly Canal.....	2,158 24	.....
do Rideau Canal.....	360 71	.....
do Ottawa Canals.....	14,243 10	.....
do St. Peter's Canal.....	185 09	.....
do Newcastle Dist. Canals.	.....	67 93
	\$33,837 70	\$16,320 40

Showing an increase of..... \$17,517 30

Or about 5.49 per cent.

Proportion of freight carried by New York Canals and competing railways.

7. On reference to the returns made by the railways to the State authorities of New York, and to the canals statistics submitted to the State Legislature, I find that of the total tonnage of freight carried by the canals and railways, the State Canals carried;—

In 1859.....	68.9	per cent.
1869	47.0	do
1870.....	38.9	do
1871	38.9	do
1872.....	40.1	do
1873.....	34.9	do
1874.....	31.7	do
1875.....	28.4	do
1876.....	24.6	do
1877.....	28.3	do
1878.....	27.1	do
1879.....	23.7	do
1880.....	25.1	do

The total quantity of freight carried by the canals and railways was greater in 1880, by three million one hundred and fifteen thousand eight hundred and twenty tons than the quantity carried in 1879.

The proportion carried by canals shows an increase 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.....	15,148,274	.3895
1871.....	15,844,152	.3896
1872.....	16,631,609	.4012
1873.....	18,200,208	.3497
1874.....	18,283,547	.3174
1875.....	17,101,758	.2841
1876.....	16,948,627	.2462
1877.....	17,489,770	.2833
1878.....	19,017,301	.2719
1879.....	22,590,766	.2373
1880.....	25,706,586	.2512

By reference to the figures in Statement H as to the quantity of Vegetable Food carried to tide-water it will be observed that the quantity carried by Canals has increased eighty-two per cent. as compared with 1869, and an increase of twenty-nine and one-third per cent. as compared with the previous year; and the quantity carried by railways has increased three hundred and thirty-five

per cent. as compared with 1869, and a little over eight per cent. as compared with the previous year.

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

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

	Canals.	Railways.	Total.	Proportion by Canals.
1869.....	1,302,613	1,087,809	2,390,422	·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.....	1,832,399	4,353,617	6,187,016	·296
1880.....	2,371,090	4,732,385	7,103,475	·333

From which it appears that the proportion of the total volume of freight of the description mentioned, carried by the railways, has increased from ·445 in 1869, to ·704 in 1879, while in 1880 there has been a decrease, the proportion for the year being ·667 in 1880.

I have the honor to be, Sir,

Your obedient servant,

INLAND REVENUE DEPARTMENT,
2nd February, 1881.

A. BRUNEL,
Commissioner.

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

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.												
Flour	71,051	54,978	41,211	20,534	19,307	29,134	17,635	9,290	8,923	5,904	7,164	8,266
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
Corn	256,475	193,129	672,057	902,753	637,296	519,203	282,031	365,254	723,458	734,993	621,180	1,156,619
Barley	99,012	123,191	113,992	120,061	70,586	98,654	104,475	96,494	130,453	89,534	96,144	106,247
Oats	92,309	117,941	129,891	92,959	70,023	69,408	62,717	52,147	66,045	85,039	23,164	20,893
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
Other Vegetable Food....	99,743	127,727	169,935	120,753	114,735	280,821	86,090	104,783	77,114	88,106	77,071	86,673
Total.....	1,302,613	1,295,010	1,850,198	1,674,320	1,745,171	1,767,598	1,305,550	1,064,293	1,498,984	1,912,734	1,833,399	2,371,090
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				
HEAVY GOODS.												
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
Other Iron	79,652	89,708	100,310	96,996	62,581	82,955	95,305	69,450	58,828	65,642	99,568	139,993
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
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
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
Total.....	1,989,062	2,289,365	2,011,277	2,347,403	2,374,477	1,926,762	1,819,003	1,405,439	1,763,541	1,313,905	1,548,708	1,709,319
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

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

D.--TABLE showing the Tonnage of the undermentioned Articles moved through the Walland Canal during a series of Twelve Years, ended 30th June, 1880.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.												
Flour.....	45,674	42,741	47,403	27,623	29,780	29,361	17,681	15,759	14,968	11,227	10,648	10,318
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
Corn.....	120,569	84,252	161,539	264,262	194,950	198,000	127,688	119,506	169,233	166,891	184,617	159,818
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
Oats.....			2,460	7,706	3,272	3,023	4,192	14,553	13,066	2,810	3,317	1,165
Rye.....	904	1,036	954	3,737		516	417	613	1,531	2,219		440
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
Total.....	503,860	596,749	668,076	623,448	540,050	622,558	511,990	455,022	406,567	438,899	422,735	465,249
Increase p. c. as compared with 1879.....		18.43	32.59	23.73	7.18	25.55	1.61					
Decrease p. c. as compared with 1869.....								9.69	19.3	12.89	16.10	7.67
HEAVY GOODS.												
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
Other Iron.....	16,924	20,433	24,676	19,677	17,518	18,374	10,428	7,392	6,280	11,829	9,234	6,565
Salt.....	91,575	83,289	92,252	47,766	40,721	44,264	19,198	17,437	23,188	9,372	5,143	5,443
Iron and Salt having paid full toll on St. Lawrence Canals.....	37,153	37,128	39,062	53,691	55,302	32,435	21,814	24,154	25,580	12,698	10,449	30,654
Coal.....	103,126	98,472	125,119	136,480	245,622	372,979	269,659	328,403	324,785	297,898	267,698	154,435
Orts.....	58,781	67,334	53,624	57,615	92,069	69,815	42,896	32,563	22,387	35,752	5,379	27,280
Total.....	375,623	366,776	397,453	356,396	470,047	542,569	369,957	411,472	405,987	373,467	299,620	225,552
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

E.—TABLE showing the Tonnage of the undermentioned Articles cleared at Buffalo and Tonawanda for transit through the Erie Canal for a series of Twelve Years ended 30th June, 1880.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.												
Flour.....	5,609	8,258	5,807	.....	6	.....	5,859	231	1,710	987	1,239	2,743
Wheat.....	400,904	502,159	570,849	390,032	737,167	650,161	695,315	377,317	309,416	775,953	892,404	897,603
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
Barley.....	1,978	19,944	19,810	41,515	8,636	3,192	1,156	6,335	26,351	21,665	7,193	424
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
Rye.....	2,150	16,593	27,622	5,900	22,441	112	2,242	12,205	27,365	51,064	40,471	12,137
Other Articles.....	2,193	6,906	5,705	88	634	237	3,372	4,691	4,976	6,662	7,528	4,256
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	1,563,543	2,065,184
Increase } p. c. as compared	{	2.05	87.29	67.50	82.10	47.18	29.38	.....	55.52	109.08	99.07	162.6
Decrease } with 1869.												

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

Flour.....	7,361	11,440	10,043	4,773	4,061	.....	1,728	967	855	1,304	734	951
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
Corn.....	28,585	10,120	70,218	27,148	10,578	46,127	3,034	1,324	3,306	1,383	9,268	15,656
Barley.....	66,794	77,906	72,675	62,172	46,337	77,007	75,033	63,336	80,306	50,381	71,693	82,743
Oats.....	1,113	3,953	1,806	684	670	1,103	3,308	117	316	.....	.....	.....
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
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
Total.....	267,615	238,181	297,424	169,848	131,765	243,325	126,763	99,975	126,899	93,149	127,168	135,410
Increase } p. c. as compared	{	11.06	11.05	36.59	50.80	9.14	52.67	62.67	52.61	65.21	52.51	49.43
Decrease } with 1869.												

F.—TABLE showing the Tonnage of the undermentioned Articles cleared downwards at Port Colborne during a series of Twelve Years ended 30th June, 1880.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
	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	10,226
Wheat	310,090	428,749	418,917	290,859	292,148	370,091	334,903	254,828	175,018	234,577	207,574	283,404
Corn	119,541	83,418	163,104	262,643	194,940	197,873	127,665	119,234	169,233	166,790	184,617	159,059
Barley	3,920	6,500	7,366	8,543	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	2,816	3,308	1,131
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	5,285	2,076	2,606	1,445	2,152
Total	479,882	562,199	639,694	607,614	525,261	605,916	486,881	411,115	381,244	426,498	408,173	456,775
Increase } per cent. as com- Decrease } pared with 1869..		17.15	33.3	26.61	9.45	26.26	1.45					
								14.33	25.87	11.12	14.92	4.81

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 Twelve Years ended 30th June, 1880.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VEGETABLE FOOD.												
Flour.....	30,681	25,353	20,376	14,651	11,079	9,489	6,555	3,077	4,772	2,367	1,194	81
Wheat.....	211,085	224,480	222,866	152,905	134,158	151,983	190,137	117,337	92,390	94,266	71,886	48,091
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
Barley.....	2,942	5,543	5,451	6,669	1,677	1,634	.....	2,641	543	1,060	859	240
Oats.....	.....	.....	1,987	7,478	3,110	3,017	3,928	4,511	340	2,314	277	464
Rye.....	667	1,036	917	3,602	.....	3	.....	643	568	72	.....	.....
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
Increase } per cent. as compared {	.....	.....	13.94	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decrease } with 1869. {	.....	0.04	.....	6.19	29.86	14.04	13.65	46.11	49.68	52.26	62.54	76.60
HEAVY GOODS.												
Railway Iron.....	68,064	59,906	62,123	40,109	16,706	2,698	5,672	20	3,722	5,254	1,717	795
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
Salt.....	83,086	81,474	90,135	46,594	40,377	43,673	18,653	17,094	22,378	8,469	4,142	5,378
Coal.....	28,566	27,320	42,882	54,011	132,958	192,962	168,931	211,114	171,937	150,003	157,049	86,413
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
Total.....	235,962	238,811	248,535	199,481	268,310	291,328	219,383	263,351	228,787	214,159	176,686	120,950
Increase } per cent. as compared {	.....	1.20	5.32	.....	13.70	23.46	.....	11.56	.....	.....	.....	.....
Decrease } with 1869. {	.....	.....	.....	15.46	.....	.....	7.03	.....	3.04	9.24	25.54	48.73

H.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals, and on the two Principal Railways competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Twelve Years ended 30th June, 1880.

4—B*

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Total on New York Canals.....	1,302,613	1,295,010	1,850,198	1,674,320	1,745,171	1,767,598	1,305,550	1,064,293	1,408,984	1,912,734	1,833,299	2,371,090
Increase } per cent. as compared Decrease } with 1869. {	.....	0.58	42.03	28.53	33.97	35.69	0.22	18.29	15.07	46.81	40.74	82.02
Total on Welland Canal.....	503,860	596,749	668,076	623,448	540,050	622,558	511,990	455,022	406,567	438,889	422,735	465,249
Increase } per cent. as compared Decrease } 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	4,253,617	4,732,385
Increase } per cent. as compared Decrease } with 1869. {	.....	62.36	102.75	71.96	87.25	156.62	115.04	165.40	129.23	239.71	300.22	335.03
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	1,644,391	1,565,543	2,065,184
Increase } per cent. as compared Decrease } with 1869. {	.....	2.05	67.29	67.50	82.01	47.18	29.38	0.39	55.62	109.08	99.07	162.60
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
Increase } per cent. as compared Decrease } with 1869. {	.....	11.86	11.05	38.59	50.08	9.14	52.71	62.67	52.61	65.21	52.21	49.43
Quantity cleared through the Wel- land Canal in transit between ports in the United States.....	337,530	337,384	384,585	316,619	236,743	290,114	291,473	181,885	169,836	161,117	126,407	78,853
Increase } per cent. as compared Decrease } with 1869. {	.....	0.04	13.94	6.19	29.86	14.04	13.65	46.11	49.68	52.26	62.54	76.60

CANAL

I 1.—COMPARATIVE STATEMENT for Years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1879.....		30 00		75 72	21,866 34
do 1880.....			0 50	2,392 82	20,241 32
Increase.....			0 50	2,317 10	
Decrease.....		30 00			1,625 02
St. Lawrence Canals, 1879.....	4 00			257 46	12,399 25
do 1880.....	63 00			2,175 62	11,857 02
Increase.....	59 00			1,918 16	
Decrease.....					542 13
Chambly Canal, 1879.....				6 70	2,395 47
do 1880.....				433 69	2,495 64
Increase.....				426 99	100 17
Decrease.....					
Rideau Canal, 1879.....					985 77
do 1880.....	50 98			133 86	919 76
Increase.....	50 98			133 86	
Decrease.....					66 01
Ottawa Canals, 1879.....					5,483 66
do 1880.....				345 19	8,963 30
Increase.....				345 19	3,479 64
Decrease.....					
Burlington Bay Canal, 1879.....				7 30	417 92
do 1880.....				52 34	669 89
Increase.....				44 95	251 97
Decrease.....					
St. Peter's Canal, 1879.....					
do 1880.....					
Increase.....					
Decrease.....					
Newcastle District Canals, 1879.....					15 50
do 1880.....				7 60	15 71
Increase.....				7 60	0 21
Decrease.....					
Total Increase.....	109 98		0 50	5,193 85	1,598 73
Total Decrease.....		30 00			

REVENUE.

ended 31st December, 1879 and 1880.

June.	July.	August.	September	October.	November.	December.	Total.
\$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
23,039 27	23,655 11	30,662 63	29,897 08	20,485 49	13,008 62	1,116 64	163,836 90
21,335 71	25,988 31	26,599 71	22,016 69	18,968 46	10,038 41	2 50	147,584 43
1,703 56	2,333 20	4,062 92	7,880 39	1,517 03	2,970 21	1,114 14	16,252 47
12,019 44	11,043 68	12,185 68	11,276 51	14,130 55	9,472 83	58 93	82,848 33
13,866 50	14,367 40	18,032 89	15,128 46	14,972 07	9,094 99	4 13	99,562 08
1,847 06	3,323 72	5,847 21	3,851 95	841 52	377 84	54 80	16,713 75
2,625 67	2,672 45	2,267 45	3,145 00	2,985 20	2,181 62		18,279 56
2,512 22	2,942 72	2,818 03	3,613 97	3,606 85	2,013 93	0 75	20,437 80
113 45	270 27	550 58	468 97	621 65	167 69	0 75	2,158 24
810 16	881 64	717 40	757 61	717 62	318 35	10 47	5,199 02
983 74	981 22	719 57	649 36	684 87	428 42	7 95	5,559 73
173 58	99 58	2 17	108 25	32 75	110 07	2 52	360 71
7,728 05	6,567 77	7,402 82	6,594 66	7,058 22	3,819 35	37 86	44,692 39
8,163 17	8,163 39	9,745 39	9,466 61	9,452 24	4,609 90	26 30	58,935 49
435 12	1,595 62	2,342 57	2,871 95	2,394 02	790 55	11 56	14,243 10
789 04	679 59	621 34	504 63	335 67	240 81	40 73	3,637 12
566 70	606 95	449 71	609 29	501 04	358 01		3,813 93
222 34	72 64	171 63	104 66	165 37	117 20	40 73	176 81
				64 34	85 10	35 65	185 09
				64 34	85 10	35 65	185 09
103 72	75 00	30 89	37 91	11 00	12 10		296 12
71 45	37 15	5 25	19 63	42 75	18 65		218 19
32 27	37 85	25 64	18 28	31 75	6 55		67 93
384 14	7,511 90	4,482 34	709 39	2,568 87	2,406 27	1,187 35	17,517 30

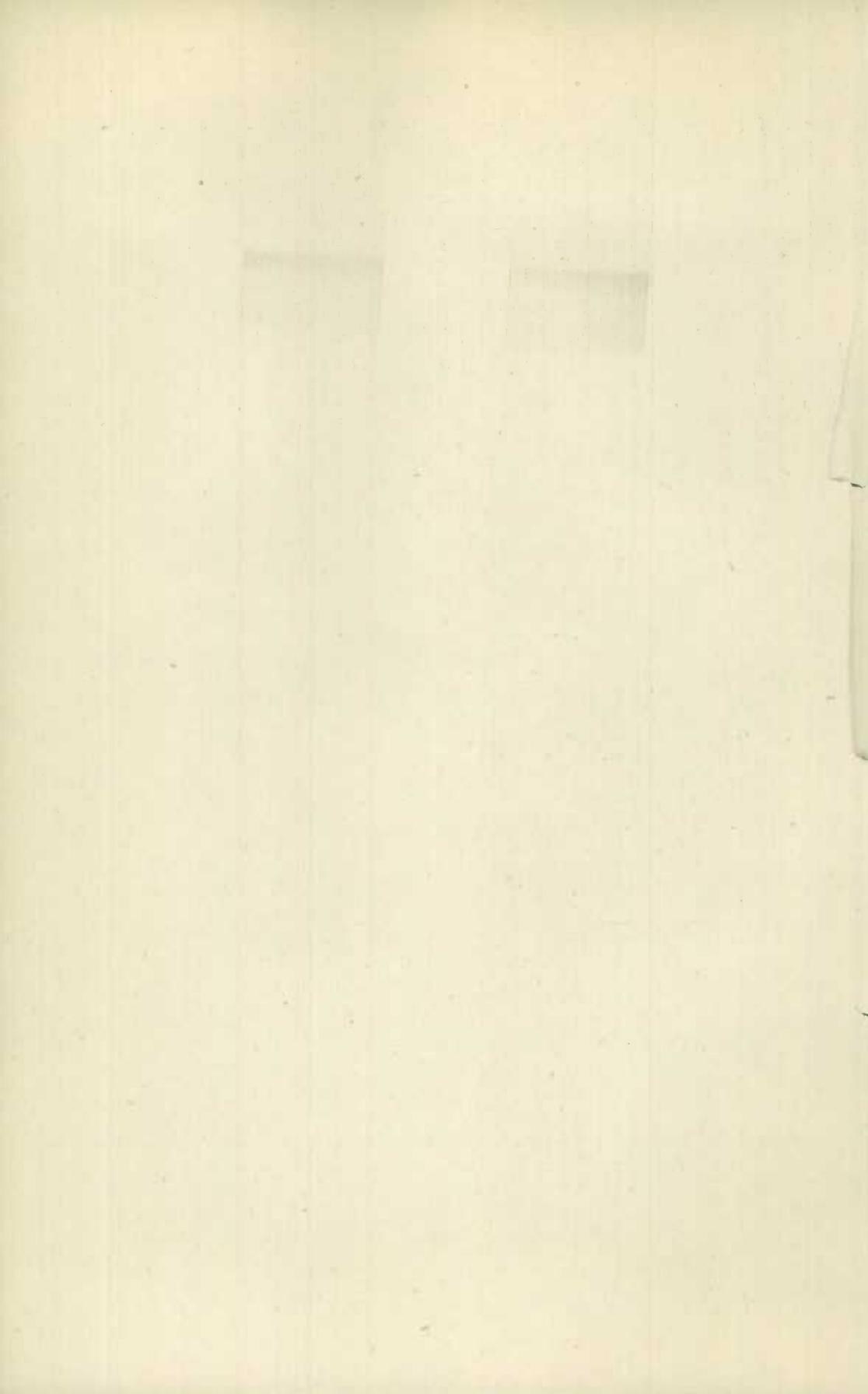
Total for Year 1879. \$318,779 44
do 1880 336,296 74

I 2.—COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lumber passed through the Canals, during the Years ended the 31st December, 1879 and 1880.

	VEGETABLE FOOD.							Lumber.	Total.	
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	All Other.			
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.			
Welland Canal.....	1879	10,710	274,571	144,506	4,655	1,239	440	2,441	57,771	496,336
	1880	12,679	245,020	163,738	17,772	477	1,016	1,480	46,623	488,805
Increase, 1880.....		1,969		19,232	13,117		576			
Decrease, 1880.....			29,551		762		964	11,148	7,531	
St Lawrence Canals.....	1879	20,102	307,588	123,395	9,202	7,737	8,105	53,711	46,649	576,488
	1880	20,910	272,382	211,070	8,586	14,863	8,637	64,554	56,095	657,097
Increase, 1880.....		808		87,675		7,126	532	10,843	9,447	80,609
Decrease, 1880.....			35,206		616					
Chambly Canal.....	1879	47			3,187	2,594		6,290	50,871	62,989
	1880				5,797	4,950		6,794	69,534	87,075
Increase, 1880.....				2,610	2,356		504	18,663	21,086	
Decrease, 1880.....		47								
Rideau Canal.....	1879	124	300	95	16	316	1,360	208	14,778	17,197
	1880	354	288	281	131	155	3,000	173	8,490	12,872
Increase, 1880.....		230		186	115		1,640			
Decrease, 1880.....			12			161	35	6,288	4,325	
Ottawa Canals.....	1879	1	91		697	1,164	1,790	10,577	342,972	357,282
	1880	43	315	1	1,048	2,524	3,572	11,907	604,756	624,166
Increase, 1880.....		42	224	1	351	1,360	1,782	1,330	161,794	166,884
Decrease, 1880.....										

Burlington Bay Canal	1879	1,243	11,811				3,440	1,760	18,254
	1880	1,499	9,385	766	6		5,348	663	17,667
Increase, 1880		256		766	6		1,908		
Decrease, 1880			2,426					1,097	587
St. Peter's Canal	1879								
	1880	251						165	416
Increase, 1880		251						165	416
Decrease, 1880									
Newcastle District Canals	1879							1,495	1,495
	1880							464	464
Increase, 1880									
Decrease, 1880								1,031	1,031
Total Increase		3,509		107,860	15,583	9,919	4,630	13,686	170,505
Total Decrease			66,971						

Total for 1879	1,530,041
Total for 1880	1,788,562



CANAL STATISTICS

FOR

SEASON OF NAVIGATION

1880

4-1*

SUPPLEMENTARY APPENDIX A.

No. (A) 21.—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 1880.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
												\$ cts.
Ashes, Pot and Pearl.....		58						13		71	71	14 70
Apples.....	61	1,218						8	61	1,226	1,287	46 02
Agricultural Products not enumerated, Vegetable....	43	82						6	43	88	131	4 93
Agricultural Products not enumerated, Animals.....												
Agricultural Implements.....												
Barley.....			16,221		1,551					17,772	17,772	3,554 40
Bricks.....	11		3			22			14	22	36	4 76
Bones.....												
Baggage.....												
Beer.....			8			14			8	14	22	8 80
Brimstone.....												
Cement and Water Lime....	440	15							440	15	455	55 16
Clay, Lime and Sand.....	341	1,310		396				16	341	1,722	2,063	186 05
Coal.....					65,074	871	5,885	38,156	70,959	39,027	109,986	20,832 47
Corn.....	848	2,380				16,122		144,388	848	162,890	163,738	32,670 63
Cattle.....												
Cotton, Raw.....												
Coffee.....												
Crockery.....												
Dye Wood and Dye Stuffs...												
Earthenware.....			4		2				6		6	2 40
Fish.....												
Flax and Hemp.....			6						6		6	1 20
Flour.....	212	12,087		61				319	212	12,467	12,679	393 03
Furniture.....	7		1					11	8	11	19	7 46
Gypsum.....		346		880						1,226	1,226	83 80
Glass, Window.....	33								33		33	11 45
Glassware.....												

10

Hay, Pressed.....												
Hogs.....												
Horses.....												
Hides & Skins, Horns & Hoofs.....		15							15	15		0 28
Ice.....	2,145		14,925		2,381				19,451		19,451	917 45
Iron, Railway.....			617		4,743				5,360		5,360	1,673 09
" Pig.....	180		510		1,026		70		1,746	70	1,816	321 73
" All other.....	248		258		2,489				2,995	1	2,996	571 21
" Ore.....			3,025		18,380				21,405		21,405	1,070 25
Kyrolite or Chemical Ore and other Ore, except Iron.....			598						598		598	29 80
Lard and Lard Oil.....		1					134		135	135	135	27 00
Meals, all kinds.....		33	1					1	33	34	34	6 80
Meats, other than Pork.....							61		61	61	61	12 20
Marble.....												
Manilla.....		1	5						5	1	6	1 40
Molasses.....	5								5		5	0 25
Nails.....	13		21					34			34	9 40
Oats.....		181				296			477		477	83 59
Oil, in Barrels.....	37						0	37	6		43	16 15
Oil Cake.....												
Peanse.....		155							155	155	155	31 00
Potatoes.....							4		4	4	4	0 80
Pork.....		12					980		992	992	992	198 40
Paint.....	1							1		1	1	0 40
Pitch and Tar.....												
Rags.....							7		7	7	7	2 80
Rye.....	1,016								1,016		1,016	203 20
Rosin.....												
Salt.....	5		37		371				413		413	80 02
Stone intended for Cutting.....	638				300	258	3,036		998	3,291	4,292	791 25
" wrought.....	9					192	365		9	758	767	196 00
" not suitable for Cut- ting, unwrought.....	2,549	4,328	534	270	1,306				4,389	4,598	8,987	579 00
Seeds, all kinds.....												
Sheep.....									262	2	264	62 60
Soda Ash.....	156	2	106									
Steel.....	3								3		3	1 20
Sugar.....	29		5						32		32	1 60
Spirits.....	23	23					127	13	150	173	173	67 45
Tobacco, Raw.....							28		28	28	28	5 60
Tallow.....		1							1		1	0 20
Tin.....			20						20		20	8 00
Turpentine.....												
Vinegar.....												
Wheat.....	3,959	1,738	450	1,896		30,611	176,356		4,419	240,681	245,020	47,476 65
White Lead.....	1								1		1	0 05
Whiting.....												

SUPPLEMENTARY APPENDIX A—*Concluded.*

No. (A) 21.—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.		
Wool												\$ cts
All other Goods and Merchandise not enumerated.	1,666	374	101			1		23	1,767	298	2,165	261 25
Bark					19			1	39	1	40	6 59
Barrels, Empty	20											
Boat Knees												
Floats		180		60						240	240	5 03
Firewood, in Vessels	4,821	33,403		1,200					4,821	39,603	44,424	1,959 45
" Rafts												
Hoops	8								8		8	0 25
Hop Poles												
Lumber, Sawed, in Vessels	4,638	2,482	1,094	216	11	33,555		4,513	5,743	40,866	46,609	7,608 52
" Rafts	14								14		14	2 70
Masts, Spars and Telegraph Poles, in Vessels												
Masts, Spars and Telegraph Poles, in Rafts												
Railway Ties, in Vessels	54	37							54	37	91	5 60
" Rafts												
Saw Logs	123	5,606	707	4,161				723	830	10,490	11,320	391 26
Staves and Headings, Barrel	25								25		25	0 80
" " Pipe		144		193				1,234		1,576	1,576	296 27
" " W. India		202		137				529		868	868	162 65
Staves, Salt Barrels												
Shingles	11	2							11	11	22	7 49
Split Posts and Fence Rails, in Vessels												
" " in Rafts		1								1	1	0 05
Timber, Square in Vessels		5,816		1,850				39,728		47,391	47,391	7,314 82
" " in Rafts	30	30						3,600	30	3,630	3,660	811 13

Traverses.....				186						180	180	0 56
Woodenware and Wood, partly manufactured.....		34				1		11		46	46	6 50
Total Freight paying Tolls	24,433	167,298	39,285	11,605	97,653	81,952	5,885	414,654	167,256	615,509	782,765	130,664 76
Iron, Iron Ore, &c., having paid full Tolls on the St. Lawrence, Chambly and Rideau Canals, Free.....	1,846		32,563						34,409		34,409	
Timber passed Free from Welland to Port Robinson	600	2,160							600	2,160	2,760	
Grand Total Freight	26,879	169,458	71,848	11,605	97,653	81,952	5,885	414,654	202,205	617,669	819,934	

Total Tolls on Vessels	16,616 80
" Passengers	86 32
" Free Goods.....	\$4,867 80
Fines and Damages.....	216 75
Total Revenue, exclusive of Hydraulic Reats.....	147,581 43

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

A. BRUNEL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 22.—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 1880.

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	72	835		83	10				82	918	1,000	\$ 166 00
Apples	22	12,031						391	22	12,422	12,444	1,845 82
Agricultural Products not enumerated, Vegetable.....	1,043	1,512	8		5	5	7		1,063	1,517	2,580	230 44
Agricultural Products not enumerated, Animal.....	207	1,700		150			37	575	244	2,425	2,669	277 06
Agricultural Implements.....	252	47							252	47	299	25 37
Barley	769	6,856	125	817	19				913	7,673	8,586	830 79
Bricks	1,578	116	1				228	3	1,807	119	1,926	172 52
Bones	78	407		755					78	1,162	1,240	140 23
Baggage	368	672							368	672	1,040	175 85
Beer	437	216	25						462	216	678	132 68
Brimstone	48								48		48	4 44
Cement and Water Lime	769	22	5				125		774	147	921	122 76
Clay, Lime and Sand	2,637	3,044					1,971		4,608	3,044	7,652	305 68
Coal		17,326				171	48,554			66,051	66,051	9,227 19
Corn	299	69,415				43	35		299	69,493	69,792	9,467 58
Cattle.....	78	1,365			3				81	1,365	1,446	101 54
Cotton, Raw.....	27								27		27	1 03
Coffee.....	12	2							12	2	14	2 80
Crockery.....	730	8							730	8	738	135 65
Dye Wood and Dye Stuffs.....	182	1					202		384	1	385	31 10
Earthenware.....	462	8	2						464	8	472	89 93
Fish	799	62							799	62	861	102 54
Flax and Hemp	15								15		15	1 02
Flour.....	1,740	10,409				2			1,740	10,411	12,151	1,660 99
Furniture.....	406	207			4				410	209	619	60 81
Gypsum	4,048	768							4,048	768	4,816	204 40
Glass, Window	1,288	61	9						1,297	62	1,359	266 85
Glassware.....	251	241	6						257	241	498	97 94

Hay, Pressed	1,001	82	217	829	2,047	82	2,129	126 96		
Hogs	8	95			8	95	103	9 04		
Horses	161	435		2	163	436	599	48 50		
Hides and Skins, Horns and Hoofs	12	125	20	3	15	145	160	20 97		
Ice	290	845	3,205		290	4,050	4,340	396 50		
Iron, Railway	11,070	285			11,356		11,356	1,693 22		
" Pig	23,137	159	5,280	56	28,417	215	28,632	4,099 97		
" All other	6,440	235	219		6,659	235	6,894	817 72		
Iron Ore		355				355	355	17 75		
Kyrolite or Chemical Ore, and other Ore, except Iron	189	2,788			189	2,788	2,977	148 85		
Lard and Lard Oil	40	155			72	40	227	30 89		
Meals, all kinds	93	598			93	598	691	50 02		
Meats, other than Pork	2	73			15	2	88	13 34		
Marble	230	168			36	434	434	146 70		
Manilla	41	1	3		24	68	1	9 90		
Molasses	541	9			1,581	2,122	9	141 56		
Nails	3,466	87	110			3,576	87	3,663	704 33	
Oats	2,060	12,803				2,060	12,803	14,863	899 88	
Oil, in Barrels	1,550	159	12	21	20	2,191	201	2,392	289 99	
Oil Cake	5	1				5	1	6	0 56	
Pease	542	50,507				542	50,507	51,049	3,928 08	
Potatoes	5	211				5	211	216	14 98	
Pork	222	1,285				222	1,584	1,806	210 07	
Paint	448	27	12		30	490	45	535	95 27	
Pitch and Tar	108	151			1,652	1,700	151	1,911	108 40	
Rags	1,166	215	7	8	7	16	1,170	239	1,409	154 98
Rye	65	8,572				65	8,572	8,637	1,056 35	
Rosin	57	35			1,755	1,812	35	1,847	97 26	
Salt	19,045	10	6,571		7	25,616	17	25,633	3,533 15	
Stone intended for Onting	52	12			1,261	45	1,313	57	1,370	59 91
" wrought	393	8			3	168	396	176	572	59 68
" not suitable for Cutting, unwrought	675	315				675	315	990	40 50	
Seeds, all kinds	72	16	41			113	16	129	19 32	
Sheep	4	553				4	553	557	39 21	
Soda Ash	1,661	66	661			2,322	66	2,388	720 32	
Steel	71					71		71	14 12	
Sugar	4,168	6			1	1,814	7	5,992	855 50	
Spirits	863	101	47			910	101	1,011	178 40	
Tobacco, Raw		39					39	39	5 74	
Tallow	12	115			13	25	115	140	17 66	
Tin	1,455	26	358		24	1,837	26	1,863	549 12	
Turpentine	7				559	557		557	28 70	
Vinegar	32	159				32	159	191	37 60	
Wheat	349	80,554			105	349	80,659	81,008	9,984 72	
White Lead	154	2				1	154	3	157	29 29
Whiting	72	1				72	1	73	12 41	

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 22.—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.		
Wool.....	500	4							500	4	504	\$ 63 75
All other Goods and Merchandise not enumerated.....	10,006	3,099	180		391	583	137	207	10,714	3,889	14,603	2,195 63
Bark.....	2	19							2	19	21	0 82
Barrels, Empty.....	1,202	178	20		10				1,232	178	1,410	82 20
Boat Knees.....	139								139		139	11 08
Floots.....	300	4,240							300	4,240	4,540	79 45
Fire Wood, in Vessels.....	6,714	33,347	1,005	195		567			7,719	34,109	41,828	1,115 34
“ in Rafts.....		66								66	66	1 38
Hoops.....		11	8	2	6		6		14	19	33	2 60
Hop Poles.....												
Lumber, Sawn, in Vessels.....	11,603	19,259	1,534	17,027			142		13,137	36,428	49,565	3,615 21
“ Rafts.....		6,530								6,530	6,530	319 28
Masts, Spars and Telegraph Poles, in Vessels.....		60								60	60	2 26
Masts, Spars and Telegraph Poles, in Rafts.....		11,162								11,162	11,162	279 05
Railway Ties, in Vessels.....	206								206		206	4 13
“ Rafts.....												
Saw Logs.....	44	12,669							44	12,669	12,713	330 60
Staves and Headings, Barrels.....	125	138							125	136	261	5 90
“ “ Pipe.....	32	288							32	288	320	37 00
“ “ West India.....	5	613					12		5	625	630	77 61
Staves, Salt Barrel.....												
Shingles.....	82	24							82	24	106	17 10
Split Posts and Fence Rails, in Vessels.....		3								3	3	1 20
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....	2,392	2,540					1,680		2,392	4,200	6,592	291 31
“ Rafts.....	60	13,676		116			3,294		60	17,086	17,146	854 01

Traverses.....		\$,900	300							300	8,900	9,200	26 66
Woodenware and Wood, partly manufactured.....	154	257								154	257	411	149 35
Total Freight paying Tolls.	134,207	406,406	17,283	22,455	1,289	1,520	11,954	55,624	164,733	486,005.	650,728	67,031	30
Barley having paid full Tolls on the Welland Canal, Free.....													
Corn " ".....		139,808						1,470		141,278	141,278		
Flour " ".....		8,759								8,759	8,759		
Oats " ".....													
Peas " ".....		154								154	154		
Petroleum " ".....													
Wheat " ".....		189,259						2,115		191,374	191,274		
Coal, Free, as per Order in Council	25,657						52,840		78,497		78,497		
Iron, Pig, Free ".....													
Iron, all other, Free, as per Order in Council.....													
Iron Ore, having paid full Toll on the Chambly Canal, Free.....													
Kryolite, Free.....	1,756								1,756		1,756		
Grand Total, Freight.....	161,620	744,838	17,283	22,455	1,289	1,520	64,794	59,209	244,986	827,570	1,072,526		

Total Tolls on Vessels.....	18,182 00
" Passengers.....	3,667 42
" Free Goods.....	\$55,354 30
Fines and Damages.....	1,920 00
Wharfage and Storage.....	7,314 83
Winterage, Basin Dues and other Receipts.....	1,406 48
Total Revenue exclusive of Hydraulic Rents.....	99,562 08

A. BRUNEL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 23.—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 1880.

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.....		214		275						489	489	\$ cts.
Apples.....	207	5,123							207	5,123	5,330	
Agricultural Products, not enumerated, Vegetable.....	145	359							145	359	504	
Agricultural Products, not enumerated, Animal.....	30	12							30	12	42	
Agricultural Implements.....	1	18							1	16	17	
Barley.....	5	1							5	1	6	
Bricks.....	359								359		359	
Bones.....												
Baggage.....	59	62							59	62	121	
Beer.....	29	1							29	1	30	
Brimstone.....												
Cement and Water Lime.....	311						174		485		485	
Clay, Lime and Sand.....	10						240		250		250	
Coal.....		125					34,343		34,343	125	34,468	
Corn.....		10		756						766	766	
Cattle.....												
Cotton, Raw.....												
Coffee.....	2								2		2	
Crockery.....	67	13							67	13	80	
Dye Wood and Dye Stuffs.....	1								1		1	
Earthenware.....	188	31							188	31	219	
Fish.....	311	16							311	16	327	
Flax and Hemp.....												
Flour.....	1	1,498							1	1,498	1,499	
Furniture.....	5	8							5	8	13	
Gypsum.....	2								2		2	
Glass, Window.....	391	75							391	75	466	

Glassware	120	206			9	129	206	335
Hay, Pressed								
Hogs								
Horses	11	5				11	5	16
Hides and Skins, Horns and Hoofs	1	5				1	5	6
Ice								
Iron, Railway	5,718	40				5,718	40	5,788
" Pig	5,495	253	400		2,610	8,015	653	8,668
" all other	1,813	256				1,843	253	2,099
Iron Ore								
Kryolite or Chemical Ore, and other Ore, except Iron								
Lard and Lard Oil	9	17				9	17	26
Meals, all kinds		14					14	14
Meats, other than Pork								
Marble	32					32		32
Manilla								
Molasses	121					121		121
Nails	1,425	35				1,425	35	1,460
Oats								
Oil, in Barrels	265	22				265	22	287
Oil Cake								
Pease		1					1	1
Potatoes	3					3		3
Perk	5	182				5	182	187
Paint	154					154		154
Pitch and Tar	22					22		22
Rags		2					2	2
Rye								
Rosin	144				184	328		328
Salt	794					794		794
Stone intended for Cutting	70				2,219	2,289		2,289
" wrought								
" not suitable for Cutting, unwrought					11	11		11
Seeds, all kinds	6					6		6
Sheep								
Soda Ash	444					444		444
Steel	26					26		26
Sugar	1,854	6				1,884	6	1,890
Spirits	148	21				148	24	172
Tobacco, Raw	16	2				16	2	18
Tallow								
Tin	271					271		271
Turpentine	6					6		6
Vinegar	14	192				14	192	206
Wheat		8,869	525				9,385	9,385
White Lead	16					16		16

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 23.—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.		
												\$ cts
Whiting	22	1							22	1	23	
Wool	27	25							27	25	52	
All other Goods and Merchandise not enumerated	3,871	1,160		3			14		3,835	1,163	5,048	
Bark												
Barrels, Empty	5								5		5	
Boat Knees												
Floats												
Fire Wood, in Vessels												
“ in Rafts												
Hoops												
Hop Poles												
Lumber, Sawm, in Vessels	151	62		450					151	512	663	
“ in Rafts												
Masts, Spars and Telegraph Poles, in Vessels												
Masts, Spars and Telegraph Poles, in Rafts												
Railway Ties, in Vessels												
“ do Rafts												
Saw Logs												
Staves and Headings, Barrel		12								12	12	
“ “ Pipe		56								56	56	
“ “ West India		617								617	617	
Staves, Salt Barrel												
Shingles												
Split Posts and Fence Rails, in Vessels												
Split Posts and Fence Rails, in Rafts												

Timber, Square, in Vessels.....	614	1,720					2,334	2,334
" Rafts.....	8,180	1,000					9,180	9,180
Traverses.....								
Woodenware and Wood, partly manufactured.....	59						59	59
Total Freight Free, per Order in Council.....	25,203	28,472	5,129	39,804	65,007	33,601	98,608	

Total Tolls on Vessels. \$3,813 93

A. BRUNEL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 24.—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 1880.

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		22								22	22	\$ 3 36
Apples		45								45	45	3 07
Agricultural Products not enumerated, Vegetable		338								338	338	26 42
Agricultural Products not enumerated, Animal		400								400	400	30 42
Agricultural Implements.....	7	3							7	3	10	0 88
Barley		1,048								1,048	1,048	67 33
Bricks	1	5							1	5	6	0 50
Bones.....		22								22	22	1 52
Baggage	7	24		1					7	25	32	3 00
Beer	102								102		102	5 10
Brimstone.....												
Cement and Water Lime	8	507							8	507	515	12 93
Clay, Lime and Sand	761	7,751							761	7,751	8,512	249 07
Coal												
Corn		1								1	1	0 67
Cattle	5	461							5	461	466	31 01
Cotton, Raw												
Coffee												
Crockery												
Dye Wood and Dye Stuffs												
Earthenware												
Fish												
Flax and Hemp.....		3								3	3	0 21
Flour	43								43		43	1 29
Furniture.....	10	28							10	28	38	3 70
Gypsum.....												
Glass, Window												
Glassware.....												

Hay, Pressed		114						114	114	10 12
Hogs	1	95					1	95	96	6 61
Horses	12	192					12	192	204	13 03
Hides and Skins, Horns and Hoofs.	4	7					4	7	11	0 46
Ice										
Iron, Railway										
" Pig										
" All other	93	102					93	102	195	6 23
Iron Ore										
Kryolite or Chemical Ore, and other Ore, except Iron		4,213						4,213	4,213	210 65
Lard and Lard Oil										
Meats, all kinds	1	9					1	9	10	0 65
Meats, other than Pork	2						2		2	0 06
Marble		10						10	10	1 88
Manilla										
Molasses	76						76		76	3 80
Nails										
Oats		2,524						2,524	2,524	187 54
Oil, in barrels										
Oil Cake										
Pease		11,772						11,772	11,772	917 18
Potatoes		80						80	80	4 91
Pork		5						5	5	0 38
Paint										
Pitch and Tar		77						77	77	11 46
Rags		8						8	8	0 80
Rye		8,316	256					3,572	3,572	315 78
Rosin										
Salt	17						17		17	1 39
Stone intended for Cutting	4,185	991					4,185	991	5,176	137 85
" wrought	50	293					60	293	343	30 03
" not suitable for Cutting, unwrought		498						498	496	6 44
Seeds, all kinds										
Sheep		274						274	274	18 61
Soda Ash										
Steel										
Sugar										
Spirits										
Tobacco, Raw										
Tallow										
Tin										
Turpentine										
Vinegar										
Wheat		315						315	315	20 14
White Lead										
Whiting										

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 24.—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.		
Wool												\$ cts
All other Goods and Merchandise not enumerated	251	105					75		326	105	431	34 05
Bark		108								108	108	9 31
Barrels, Empty		106								106	106	15 16
Boat Knees												
Floats		1,334								1,334	1,334	26 41
Firewood, in Vessels		93,282								93,282	93,282	3,140 40
“ in Rafts												
Hoops		36								36	36	3 70
Hop Poles												
Lumber, Sawed in Vessels	91	261,946		226,127					91	488,073	488,164	45,780 85
“ “ Rafts	14	16,578							14	16,578	16,592	715 40
Masts, Spars and Telegraph Poles, in Vessels												
Masts, Spars and Telegraph Poles, in Rafts		13								13	13	1 59
Railway Ties, in Vessels												
“ “ Rafts												
Saw Logs												
Staves and Headings, Barrel												
“ “ “ Pipe												
“ “ “ West India												
Staves, Salt Barrel												
Shingles		323								323	323	110 16
Split Posts and Fence Rails, in Vessels		5								5	5	1 20
Split Posts and Fence Rails, in Rafts		1								1	1	0 18
Timber, Square, in Vessels		146								146	146	3 01
“ “ Rafts	353	1,598					200		503	1,598	2,101	39 12

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x

Traverses.....		531						531	531	4 73	
Woodenware and Wood, partly manufactured.....		28						28	28	4 20	
Total Freight paying Tolls...	6,494	411,691		226,384			275	6,369	638,075	644,444	52,244 62
Coal, Free, per Order in Council..	105							105		105	
Grand Total, Freight..	6,199	411,691		226,384			275	6,474	638,075	644,549	
Total Tolls on Vessels..... 6,294 63 " Passengers..... 351 18 " Free Goods..... \$8 15 Fines, &c..... 13 00 Wharfage and Storage..... 32 06 Total Revenue, exclusive of Hydraulic Rents..... 58,935 49											

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881

A. BRUNEL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 25.— 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 1880.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....			1,440						1,440		1,440	\$ 144 00
Apples.....		780						159		919	919	76 41
Agricultural Products, not enumerated, Vegetable.....	1,072	1,146							1,072	1,146	2,218	73 99
Agricultural Products, not enumerated, Animal.....	15								15		15	0 50
Agricultural Implements.....							2			2	2	0 20
Barley.....	317		5,480						5,797		5,797	513 28
Bricks.....	64	70					187		64	163	327	32 70
Bones.....	40								40		40	4 00
Baggage.....												
Beer.....												
Brimstone.....												
Cement and Water Lime.....												
Clay, Lime and Sand.....	1,177	35							1,370	1,177	1,405	251 71
Coal.....								82,123		82,123	82,123	8,160 74
Corn.....												
Cattle.....		13								13	13	0 45
Cotton, Raw.....												
Coffee.....												
Crockery.....												
Dye Wood and Dye Stuffs.....	2	6						142	2	148	150	14 67
Earthenware.....												
Fish.....												
Flax and Hemp.....												
Flour.....												
Furniture.....		5								5	5	0 34
Gypsum.....	263								263		263	8 79
Glass, Window.....												
Glassware.....												

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Hay, Pressed	1,862	224	184				2,345	224	2,270	211 77
Hogs										
Horses		5						5	5	0 18
Hides and Skins, Horns and Hoofs										
Ice										
Iron, Railway										
" Pig							284	284	284	28 40
" all other							266	266	266	13 30
Iron Ore										
Kyrolite or Chemical Ore, and other Ore, except Iron										
Lard and Lard Oil										
Meals, all kinds	10	72					10	72	82	3 01
Meats, other than Pork							14	14	14	1 40
Marble							61	61	61	6 10
Manilla							3	3	3	0 30
Molasses		52					1,815	1,867	1,867	181 51
Nails										
Oats	37	4,913					37	4,913	4,950	312 24
Oil, in Barrels		25					612	637	637	60 82
Oil Cake										
Pease	1	5,785					1	5,785	5,786	288 80
Potatoes		7						7	7	0 24
Pork							6	6	6	0 60
Paint							43	43	43	4 30
Pitch and Tar		4					1,761	1,765	1,765	175 95
Rags										
Rye										
Rosin							1,955	1,955	1,955	195 50
Salt	937	54					937	54	991	81 50
Stone intended for Cutting	303						965	303	965	1,268
" wrought										
" not suitable for Cutting, unwrought										
Seeds, all kinds										
Sheep		18						18	18	0 62
Scda Ash							43	43	43	2 87
Steel										
Sugar							1,767	1,767	1,767	176 70
Spirits										
Tobacco, Raw										
Tallow							13	13	13	1 30
Tin							151	151	151	15 10
Turpentine							576	576	576	57 60
Vinegar										
Wheat										
White Lead										
Whiting										

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 25.—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.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Wool.....												\$ cts.
All other Goods and Merchandise not enumerated.....	795	294	2,892				1,122	3,087	1,416	5,103	476 25	
Bark.....												
Barrels, Empty.....												
Boat Knees.....												
Floats.....	140		4,056					4,196		4,196	246 11	
Firewood, in Vessels.....		468							468		468	7 22
“ in Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, sawn in Vessels.....	2,603		66,493	428				69,096	428	69,531	4,054 22	
“ in Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....												
“ in Rafts.....												
Sawn Logs.....												
Staves and Headings, Barrel.....												
“ “ Pipe.....												
“ “ West India.....												
Staves, Salt Barrel.....												
Shingles.....	53							53		53	2 96	
Split Posts and Fence Rails, in Vessels.....	28							28		28	2 60	
Split Posts and Fence Rails, in Rafts.....												
Timber, square, in Vessels.....												
“ in Rafts.....				744					744	744	102 48	

Traverses.....	190							190		190	3 80
Woodenware and Wood, partly manufactured.....											
Total Freight paying Tolls...	9,909	13,982	80,545	1,172				95,420	90,454	110,574	201,028
Coal, Free, per Order in Council...	1,039								1,039		1,039
Grand Total Freight.....	10,948	13,982	80,545	1,172				95,420	91,593	110,574	202,067

Total Tolls on Vessels.....											4,148 13
" Passengers.....											71 72
" Free Coal.....										\$96 07	
Wharfage and Storage.....											35 70
Fines and Damages.....											61 25
Other Receipts.....											
Total Revenue, exclusive of Hydraulic Rents.....											\$0,437 80

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd January, 1881.

A. BRUNEL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—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 1880.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl	3	57							3	57	60	\$ 12 11
Apples	1	2							1	2	3	0 08
Agricultural Products not enumerated, Vegetable	110	27							110	27	137	5 83
Agricultural Products not enumerated, Animal	448	842							448	842	1,290	86 34
Agricultural Implements	11	102							11	102	113	12 48
Barley	131								131		131	5 09
Bricks	76	48							76	48	124	3 71
Bones	2								2		2	0 05
Baggage	9	4							9	4	13	1 54
Beer		6								5	5	0 45
Brimstone												
Cement and Water Lime	46	173							46	173	219	5 88
Clay, Lime and Sand	100	3							100	3	103	2 59
Coal		733								733	733	35 13
Corn		281								281	281	12 82
Cattle	2								2		2	0 06
Cotton, Raw												
Coffee												
Crockery	14	3							14	3	17	2 13
Dye Wood and Dye Stuffs												
Earthenware	84	4							84	4	88	7 73
Fish	175	7							175	7	182	4 84
Flax and Hemp												
Flour	17	337							17	337	354	9 81
Furniture	18	29							18	29	47	5 02
Gypsum	1	16							1	16	17	0 48
Glass, Window	4	2							4	2	6	0 54
Glassware	6	12							6	12	18	1 97

Hay, Pressed.....		1						1	1	0 03
Hogs.....										
Horses.....										
Hides and Skins, Horns and Hoofs.....	10	3						10	3	13 0 36
Ice.....										
Iron, Railway.....	6	5						6	5	11 0 37
" Pig.....	63							63		63 2 73
" all other.....	179	38						179	38	217 8 53
Iron Ore.....	11,287							11,287		11,287 564 35
Kyrolite or Chemical Ore, and other Ore, except Iron.....	3,329	96						3,329	96	3,425 171 25
Lard and Lard Oil.....	3	1						3	1	4 0 16
Meals, all kinds.....	32	51						32	51	83 3 15
Meats, other than Pork.....	4	24						4	24	28 0 99
Marble.....	4	13						4	13	17 1 76
Manilla.....										
Molasses.....	14	78						14	78	92 8 07
Nails.....	36	25						36	25	61 6 48
Oats.....	13	142						13	142	155 20 23
Oil, in Barrels.....	22	89						22	89	111 12 52
Oil Cake.....		1							1	1 0 03
Pease.....	8	54						8	54	62 3 97
Potatoes.....	16	9						16	9	25 0 69
Pork.....		40							40	40 1 22
Paint.....		3							3	3 0 36
Pitch and Tur.....	3	61						3	61	64 5 62
Rags.....	1	33						1	33	34 8 99
Rye.....	846	2,154						846	2,154	3,000 119 30
Rosin.....										
Salt.....	1,139	261						1,139	261	1,400 40 50
Stone, intended for Cutting.....	70	4						70	4	74 1 85
" wrought.....	6							6		6 0 53
" not suitable for Cutting, unwrought.....										
Seeds, all kinds.....	1	2						1	2	3 0 11
Sheep.....	10							10		10 0 27
Soda Ash.....										
Steel.....										
Sugar.....	102	71						102	71	173 18 39
Spirits.....	1	37						1	37	38 3 68
Tobacco, Raw.....										
Tallow.....										
Tin.....	2							2		2 0 35
Turpentine.....		3							3	3 0 53
Vinegar.....	5	5						5	5	6 5 53
Wheat.....	6	262						6	262	283 14 14
White Lead.....	3	1						3	1	4 0 36
Whiting.....	3							3		3 0 27

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.		
Wool.....	5	19							5	19	24	\$ 0 88
All other Goods and Merchandise not enumerated.....	228	413							228	413	641	74 81
Bark.....	166								166		166	5 71
Barrels, Empty.....	31	2							31	2	33	1 53
Boat Knees.....												
Floats.....	730	1,285							730	1,285	2,015	57 75
Fire Wood, in Vessels.....	44,598	3,234							44,598	3,234	47,832	800 45
“ in Rafts.....	18	225							18	225	243	5 07
Hoops.....		20								20	20	0 75
Hop Poles.....	1,216	5							1,216	5	1,221	16 90
Lumber, sawn in Vessels.....	7,932	202	172						8,104	202	8,306	403 25
“ in Rafts.....		184								184	184	4 13
Masts, Spars and Telegraph Poles in Vessels.....	56								56		56	1 41
Masts, Spars and Telegraph Poles in Rafts.....	115								115		115	5 75
Railway Ties, in Vessels.....	2,877		2,152						5,029		5,029	471 51
“ in Rafts.....	962								962		962	76 95
Saw Logs.....	818	307							818	307	1,125	25 56
Staves and Headings, Barrel.....												
“ “ Pipe.....												
“ “ West India.....												
Staves, Salt Barrel.....		750								750	750	40 79
Shingles.....	134	45							134	45	179	45 69
Split Posts and Fence Rails, in Vessels.....	58								58		58	8 45
Split Posts and Fence Rails, in Rafts.....												
Timber Square, in Vessels.....		20								20	20	0 38
“ “ Rafts.....	30	120							30	120	150	4 88

Traverses.....	600	5,920						600	5,920	6,520	77 75
Woodenware and Wood partly manufactured.....	4	60						4	60	64	16 90
Total Freight paying Tolls.....	79,055	19,085	2,324					81,379	19,085	100,464	3,478 59
Coal, Free, per Order in Council...	834							834		824	
Grand Total, Freight.....	79,889	19,085	2,324					82,213	19,085	101,298	

Total Tolls on Vessels.....											1,709 00
" " Passengers.....											90 11
" " Free Goods.....										\$27 06	
Wharfage and Storage.....											82 95
Other Receipts.....											199 08
Total Revenue from all sources.....											5,559 73

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

A. BRUNEL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—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 1880.

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	178	146							178	146	324	\$ 3 24
Flour	123	128							123	128	251	2 51
Coal	1,351	1,388							1,351	1,388	2,739	27 39
Lumber	51	114							51	114	165	1 65
Other Agricultural Products	144	256							144	256	400	4 00
Other Merchandise	117	49							117	49	166	1 66
Total	1,964	2,081							1,964	2,081	4,045	40 45
Total Tolls on Vessels												144 64
" Passengers												
Total Revenue, exclusive of Hydraulic Rent												185 09

A. BRUNEL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 28.—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 1880.

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.		
Bricks												\$ cts
Clay, Lime and Sand												
Bark												
Firewood, in Vessels	5,184								5,184		5,484	93 40
Floats												
Lumber, Sawn, in Vessels.....	378	86							378	86	464	2 76
Railway Ties	8,593								8,593		8,593	39 88
Sawlogs	2,050	330							2,050	330	2,380	53 00
Shingles.....		3								3	3	0 15
Split Posts, &c.....	50	50							50	50	100	1 00
Timber, Square	900	300							900	300	1,200	24 00
Traverses												
Iron Ore												
Stone, unwrought.....												
Total Freight paying Tolls...	17,455	769							17,455	769	18,224	214 19
											Total Tolls on Vessels.....	4 00
											Other Receipts.....	
											Total Revenues, exclusive of Hydraulic Rents.....	\$218 19

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

A. BRUNEL,
Commissioner.

SUPPLEMENTARY

No. (A) 29. STATEMENT of Traffic on the undermentioned Canals, and

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tons.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian Vessels, steam ...	192,374	2,626 09	855,725	5,117 77	92,362	335 08
United States Vessels, steam	16,895	160 52	33,733	200 79	59	0 74
Canadian Vessels, sail.	511,663	10,127 20	1,034,369	11,882 93	129,214	2,310 03
United States Vessels, sail..	167,344	3,702 99	92,155	990 51	105,541	1,502 28
Total, Class No. 1 ...	882,276	16,616 80	2,015,532	18,192 00	327,176	4,148 13
<i>Class No. 2.</i>	No.		No.		No.	
Passengers	5,093	86 32	78,340	3,667 42	3,759	71 72
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Brimstone			48	4 44		
Bricks	36	4 78	1,926	172 52	327	32 70
Cement and Water Lime.....	455	55 16	921	122 76		
Clay, Lime and Sand	2,063	186 05	7,652	305 68	2,582	251 71
Coal	109,986	20,832 47	66,051	9,297 19	82,123	8,160 74
Fish			851	102 54		
Gypsum	1,226	83 80	4,816	204 40	263	8 79
Iron, Railway	5,360	1,072 00	11,356	1,693 22		
“ Pig	1,816	321 73	28,632	4,099 97		
“ All other	2,996	571 31	6,894	817 72	284	28 40
Salt	413	80 63	25,633	3,533 15	991	81 50
Stone, for cutting	4,232	791 25	1,370	59 91	1,268	123 47
Apples	1,287	46 02	12,444	1,845 82	919	76 41
Barley	17,772	3,554 40	8,586	830 79	5,797	513 28
Corn	163,738	32,670 68	69,792	9,467 58		
Cotton, Raw			27	1 03		
Flax and Hemp	6	1 20	15	1 02		
Flour	12,679	393 08	12,151	1,660 99		
Hay, Pressed			2,129	126 96	2,270	211 77
Meals, all kinds	34	6 80	691	50 02	82	3 01
Oil Cake			6	0 56		
Oats	477	82 59	14,863	999 88	4,950	312 24
Pease	155	31 00	51,049	3,928 08	5,786	288 80
Potatoes	4	0 80	216	14 98	7	0 24
Rye	1,016	203 20	8,637	1,056 35		
Seeds, all kinds			129	19 32		
Tobacco, Raw	28	5 60	39	5 74		
Wheat	245,020	47,476 60	81,003	9,984 72		
All other Agricultural Pro- ducts, Vegetables	131	4 93	2,580	230 44	2,218	73 99
Bones			1,240	140 23	40	4 00
Cattle			1,446	101 54	13	0 45
Hogs			103	9 04		
Hides and Skins, Horns and Hoofs	15	0 38	160	20 97		
Horses			599	48 50	5	0 18
Lard and Lard Oil	135	27 00	267	30 89		
Meats, other than Pork	61	12 20	90	13 34	14	1 40
Pork	992	198 40	1,806	210 07	6	0 60
Sheep			557	39 21	18	0 62

APPENDIX A.—Continued.

the Amount of Tolls collected during the Season of Navigation in 1880.

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.
292,023	3,215 43	209,788	761 61	42,158	467 01			420	3 00
309	3 09			60	1 00				
53,704	587 14	259,776	3,821 15	106,577	1,223 33	7,232	144 64	10	1 00
827	8 27	80,914	1,711 87	1,888	17 66				
851,863	3,813 93	541,478	6,294 63	150,683	1,709 00	7,232	144 64	430	4 00
No.		No.		No.		No.		No.	
12,543		18,701	351 18	3,597	90 11	166			
Tons.		Tons.		Tons.		Tons.		Tons.	
359		6	50	124	3 71				
485		515	12 94	219	5 88				
250		8,512	249 07	193	2 59				
34,468				733	35 13	2,789	27 39		
327				182	4 84	324	3 24		
2				17	0 48				
5,788				11	0 37				
8,668				63	2 73				
2,099		195	6 23	217	8 53				
794		17	1 39	1,400	40 50				
2,249		5,176	137 85	74	1 85				
5,330		45	3 07	3	0 08				
6		1,048	67 33	131	5 09				
766		1	0 07	281	12 82				
		3	0 21						
1,499		43	1 29	354	9 81	251	2 51		
		114	10 13	1	0 63				
14		10	0 65	83	3 16				
				1	0 03				
		2,524	187 54	153	20 22				
1		11,772	917 18	62	3 97				
3		80	1 91	25	0 69				
		3,572	315 78	3,000	119 30				
6				3	0 11				
18									
9,385		315	29 14	288	14 14				
504		338	26 42	137	5 83	400	4 00		
		22	1 52	2	0 05				
		466	31 01	2	0 06				
		96	6 61						
6		11	0 46	13	0 36				
16		204	13 03						
26				4	0 16				
		2	0 06	28	0 99				
187		5	0 38	40	1 22				
		274	18 61	10	0 27				

SUPPLEMENTARY

No. (A) 29.--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.....	1	0 20	140	17 66	131	1 30
Wool.....			504	63 75		
All other Agricultural Products, Animal.....			2,669	277 06	15	0 50
Total, Class No. 3.....	572,134	108,714 24	430,103	51,610 04	109,991	10,176 10
<i>Class No. 4.</i>						
Ashes, Pot and Pearl.....	71	14 70	1,000	166 00	1,440	144 00
Agricultural Implements.....			299	25 37	2	0 20
Baggage.....			1,040	175 85		
Beer.....	22	8 80	678	132 68		
Coffee.....			14	2 80		
Crockery.....			738	135 65		
Dye Woods and Dye Stuffs.....			385	31 19	150	14 67
Earthenware.....	6	2 40	472	89 93		
Furniture.....	19	7 45	619	60 81	5	0 34
Glassware.....			498	97 94		
Glass, Window.....	33	11 45	1,359	266 85		
Marble.....			494	146 70	61	6 10
Manilla.....	6	1 40	69	9 90	3	0 30
Molasses.....	5	0 25	2,131	141 56	1,867	181 51
Nails.....	34	9 40	3,663	704 33		
Oil, in Barrels.....	43	16 15	2,392	289 99	637	60 82
Paint.....	1	0 40	535	95 27	43	4 30
Pitch and Tar.....			1,911	108 40	1,765	175 95
Rags.....	7	2 80	1,499	154 98		
Rosin.....			1,847	97 26	1,955	195 50
Soda Ash.....	264	63 60	2,388	720 32	43	2 87
Steel.....	3	1 20	71	14 12		
Sugar.....	32	1 60	5,992	855 50	1,767	176 70
Stone, wrought.....	767	296 00	672	59 66		
Tin.....	20	8 00	1,863	549 12	151	15 19
Turpentine.....			557	28 70	576	57 69
Vinegar.....			191	37 69		
White Lead.....	1	0 05	157	29 29		
Whiting.....			73	12 41		
Whiskey and all other Spirits	173	67 45	1,011	178 40		
Merchandise, not enumerated	2,165	261 25	14,603	2,195 63	5,103	476 25
Total, Class No. 4.....	3,672	774 35	48,971	7,614 12	15,568	1,512 21
<i>Class No. 5.</i>						
Bark.....			21	0 82		
Barrels, Empty.....	40	6 59	1,410	82 20		
Boat Knees.....			139	11 08		
Floats.....	240	5 03	4,540	79 45	4,196	246 11
Fire Wood, in Vessels.....	44,424	1,959 45	41,828	1,115 34	468	7 22
" in Rafts.....			66	1 38		
Lumber, Sawed, in Vessels..	46,609	7,698 52	49,565	3,615 21	69,524	4,051 22
" in Rafts.....	14	2 70	6,530	319 28		

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.
54				24	0 88				
42		400	30 42	1,290	86 34				
73,390		35,766	2 073 79	9,080	392 21	3,714	37 14		
489		22	3 36	60	12 11				
17		10	0 88	113	12 48				
121		32	3 00	13	1 54				
30		102	5 10	5	0 45				
2									
80				17	2 13				
1									
219				88	7 73				
13		38	3 70	47	5 02				
335				18	1 97				
466				6	0 64				
32		10	1 89	17	1 76				
121		76	3 80	92	8 07				
1,460				61	6 48				
297				111	12 52				
154				3	0 36				
22		77	11 46	64	5 62				
2		8	0 80	34	8 99				
328									
444									
26									
1,890				173	18 30				
11		343	30 03	6	0 53				
271				2	0 35				
6				3	0 53				
206				5	0 53				
16				4	0 36				
23				3	0 27				
172				39	3 68				
5,048		431	34 05	641	74 81	163	1 66		
12,292		1,149	98 06	1,624	187 22	166	1 66		
		108	9 31	166	5 71				
5		106	15 16	33	1 53				
		1,334	26 41	2,015	57 75				
		93,282	3,140 40	47,832	800 45			5,484	93 40
				243	5 07				
663		488,164	45,780 85	8,306	403 25	165	1 65	464	2 76
		16,592	715 40	184	4 13				

SUPPLEMENTARY

No. (A) 29.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Hoops.....	8	0 25	33	2 60		
Railway Ties, in Vessels....	91	5 00	206	4 13		
“ “ in Rafts.....						
Masts, Spars, and Telegraph Poles, in Vessels.....			60	2 26		
Masts, Spars, and Telegraph Poles, in Rafts.....			11,162	279 05		
Square Timber, in Vessels....	47,394	7,314 82	6,592	291 31		
“ “ in Rafts.....	3,660	811 13	17,146	854 01	744	102 48
Woodenware and Wood partly manufactured.....	46	6 50	411	149 35		
Shingles.....	22	7 49	106	17 10	53	2 96
Split Posts and Fence Rails, in Vessels.....	1	0 05	3	1 20	28	2 60
Split Posts and Fence Rails, in Rafts.....						
Saw Logs.....	11,320	391 26	12,713	330 60		
Staves and Headings, Barrel	25	0 80	261	5 90		
“ “ Pipe.....	1,576	296 27	320	37 00		
“ “ West India	863	163 65	630	77 61		
“ “ Salt Barrel						
Traverses.....	180	0 56	9,209	26 66	190	3 80
Hop Poles.....						
Total, Class No. 5.....	156,518	18,579 07	163,002	7,303 54	75,203	4,419 39
<i>Special Class.</i>						
Kryolite or Chemical Ore...	598	29 90	2,977	148 85		
Iron Ore.....	21,405	1,070 35	355	17 75	266	13 30
Stone, unwrought, not suit- able for cutting.....	8,987	579 30	990	40 50		
Ice.....	19,451	917 45	4,340	396 50		
Total, Special Class...	50,441	2,596 90	8,662	603 60	266	13 30
Total Freight and Tolls.....	782,765	147,367 68	650,738	88,890 72	201,028	20,340 85
Timber and other Wood, Free.....	2,760	107 94				
Wheat, Corn, Flour, Iron, Salt, Coal, etc., etc., Free	34,409	4,759 86	421,818	55,354 30	1,039	96 07
Grand Totals, (Passen- gers and Tonnage of Vessels not included)..	819,934	152,235 48	1,072,556	144,245 02	202,067	20,436 92

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 31.—STATEMENT showing the Amount of Tolls collected each Month during the Season of Navigation ended December, 1880.

Canals and Offices.	February.	March.	April.	May.	June.	July.	August.	September	October.	November	December.	Totals.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
WELLAND CANAL.												
Chippawa			26 49	26 42	32 38	1 98	2 45	42 64	27 47	6 06	2 50	168 39
Colborne			1,038 81	14,798 88	17,414 91	20,657 29	20,141 49	17,967 32	12,528 30	7,508 29		112,055 29
Dalhousie			861 17	4,522 39	3,288 11	4,671 26	5,847 23	3,254 69	5,212 17	2,073 28		29,730 30
Dunnville			36 99	143 25	64 88	58 65	69 44	214 51	330 95	151 65		1,070 30
Maitland			151 86	237 75	61 90	110 65	130 71	73 06	152 75	42 20		969 88
Robinson		0 50	205 57	400 77	246 29	308 19	267 02	325 24	322 07	205 28		2,280 91
St. Catharines			71 93	111 86	160 51	180 29	141 37	129 23	254 75	51 67		1,101 61
Total, Welland Canal		0 50	2,392 82	20,241 32	21,268 96	25,988 31	26,599 71	22,006 69	18,828 46	10,038 41	2 50	147,267 68
ST. LAWRENCE CANALS.												
Beaubarnois			23 70	355 57	277 45	432 59	380 64	697 70	999 23	566 56		3,733 43
Cornwall			156 90	1,980 18	2,132 67	2,649 49	2,248 06	2,885 98	2,873 52	3,182 98	1 08	18,110 86
Edwardsburg			11 05	86 93	54 81	73 48	95 90	44 81	86 19	97 89	3 05	554 11
Kingston			1,526 44	3,245 87	3,481 04	4,149 50	6,250 90	3,184 81	3,132 94	1,134 34		26,115 87
Lachine			14 64	493 51	323 24	384 55	813 58	1,088 06	696 67	247 02		3,970 67
Montreal			250 32	4,518 28	6,001 81	5,332 81	6,592 28	5,497 79	5,322 02	2,890 47		36,405 78
Total, St. Lawrence Canals			1,992 45	10,590 34	12,271 02	13,022 42	16,381 35	13,399 18	13,110 57	8,119 26	4 13	88,890 72
CHAMBLY CANAL.												
Chambly			3 81	576 67	662 83	1,104 41	908 06	1,008 78	1,252 15	899 04		6,415 75
St. Johns			416 94	1,835 51	1,725 87	1,765 96	1,837 45	2,506 63	2,200 24	921 92		13,210 52
St. Ours			12 94	83 46	123 52	72 35	65 62	91 76	126 46	128 47		714 58
Total, Chamblay Canal			433 69	2,495 64	2,512 22	2,942 72	2,811 13	3,607 17	3,588 85	1,949 43		20,340 85

BURLINGTON BAY CANAL.											
Hamilton	52 34	639 89	566 70	606 95	449 71	609 29	591 04	358 01			3,813 93
OTTAWA CANALS.											
Ottawa	294 42	6,103 88	3,885 16	4,406 93	5,690 90	5,064 90	5,107 85	2,010 68			32,474 72
Carillon	5 63	49 55	101 78	296 59	297 61	173 58	174 71	25 84			1,125 35
Grenville	11 35	2,535 56	3,848 37	3,165 82	3,365 99	3,738 50	3,545 06	2,354 34			22,562 99
St. Anne's	33 73	274 31	329 86	294 05	480 89	487 63	614 62	292 28			2,727 37
Total, Ottawa Canals	345 19	8,963 30	8,163 17	8,163 39	9,745 39	9,464 61	9,452 24	4,593 14			58,890 43
RIDEAU CANAL.											
Kingston Mills	18 08	256 24	357 33	340 98	299 44	265 51	321 25	182 94			2,041 77
Ottawa	19 00	521 66	532 49	585 21	349 26	316 56	304 79	208 52			2,837 49
Smith's Falls	1 58	74 49	71 12	46 13	65 51	63 21	44 43	32 06			398 44
Total, Rideau Canal	38 66	852 30	960 94	972 32	714 21	645 28	670 47	423 52			5,277 70
ST. PETER'S CANAL.											
St. Peter's							64 34	85 10	35 65		185 09
NEWCASTLE DISTRICT CANALS.											
Bobcaygeon	5 30	14 50	64 00	30 50	3 25	18 63	42 75	16 25			195 18
Peterborough	1 30	1 21	3 45	2 65		1 00		2 49			12 01
Hastings	1 09		4 00	4 00	2 00						11 00
Total, Newcastle District Canals	7 60	15 71	71 45	37 15	5 25	19 63	42 75	18 65			218 19
Grand Total	5,262 75	43,828 50	45,814 46	51,733 26	56,706 75	49,751 85	46,258 72	25,585 52	42 28		324,984 59

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

A. BRUNEL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 32.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals during the Season of Navigation ended 31st December, 1880, and the Tolls collected thereon.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.	
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
WELLAND CANAL.													\$	cts.
Canadian Vessels, steam.....	677	56,267	53,759	27,546		119		647	54,097	84,519	107,855	192,374	2,626 09	
“ “ sail.....	2,655	105,300	65,057	116,358	2,857	1,534	1,136	5,436	183,915	258,698	252,965	511,663	10,127 20	
Total Canadian.....	3,332	161,567	118,815	173,904	2,857	1,673	1,136	6,133	238,012	343,217	360,820	704,037	12,753 29	
United States Vessels, steam..	147	23	146	225	794	4,018	4,480	806	403	5,072	5,823	10,895	160 52	
“ “ sail.....	625	193		4,732	1,694	82,884	40,776	1,226	35,840	89,034	78,310	167,344	3,702 99	
Total United States.....	772	216	146	4,957	2,488	86,901	45,256	2,032	36,243	94,106	84,133	178,239	3,863 51	
Grand Total, Welland Canal	4,104	161,723	118,961	178,861	5,345	88,574	46,392	8,165	274,255	437,323	444,953	882,276	16,616 80	
ST. LAWRENCE CANALS.														
Canadian Vessels, steam.....	3,329	494,289	342,757	13,947	762	20	20	3,939	598,276	347,469	855,725	5,117 77		
“ “ sail.....	6,600	582,613	415,131	11,644	5,919			117	18,945	594,374	439,995	1,034,369	11,882 93	
Total Canadian.....	9,929	1,076,902	757,888	25,591	6,681	20	20	117	22,875	1,102,630	787,464	1,890,094	17,000 70	
United States Vessels, steam..	512	72	350	6,020		9,669	9,118	59	8,045	15,820	17,513	33,333	209 79	
“ “ sail.....	999	2,218	7,967	7,227	5,226	372	282	62,089	6,783	71,897	20,258	92,155	990 51	
Total United States.....	1,511	2,290	8,317	13,247	5,226	10,041	9,400	62,139	14,828	87,717	37,771	125,488	1,191 30	
Grand Total, St. Lawrence Canal.....	11,340	1,079,192	766,205	38,838	11,907	10,061	9,420	62,256	37,703	1,190,347	825,235	2,015,582	18,192 00	

CHAMBLY.											
Canadian Vessels, steam	655	43,277	42,050	965			6,070	44,241	49,120	92,362	335 08
" " sail	1,464	13,772	12,510	19,026			83,908	32,798	96,416	129,214	2,310 03
Total Canadian	2,119	57,049	54,560	19,991			89,978	77,040	144,536	221,576	2,645 11
United States Vessels, steam..	1						59		50	59	0 74
" " sail	1,176	784	1,563	18,508			84,686	19,292	86,249	105,541	1,502 28
Total United States	1,177	784	1,563	18,508			84,745	19,292	86,308	105,600	1,503 02
Grand Total, Chamblay Canal	3,296	57,833	56,123	38,499			174,721	96,332	230,844	327,176	4,148 13
BURLINGTON BAY CANAL.											
Canadian Vessels, steam.....	655	145,766	142,263		3,592		412	146,168	145,855	292,023	3,215 43
" " sail	327	7,303	18,277		11,824		21,300	28,603	30,101	58,704	587 14
Total Canadian	982	153,069	160,540		15,416		21,712	174,771	175,956	350,727	3,802 57
United States Vessels, steam	2	159	150					159	150	309	3 09
" " sail	5		156		350		321	321	506	827	8 27
Total United States	7	159	306		350		321	480	656	1,136	11 36
Grand Total, Burlington Bay Canal.....	989	153,218	160,846		15,766		22,033	175,251	176,612	351,863	3,813 93
OTTAWA CANALS											
Canadian Vessels, steam.....	1,422	79,133	118,605	102	2,948			79,235	121,553	200,788	761 61
" " sail	2,883	28,056	181,665		49,760		295	28,451	231,425	259,770	3,821 15
Total Canadian	4,305	107,189	300,270	102	52,708		295	107,686	352,978	460,558	4,582 76
United States Vessels, steam..											
" " sail	897	10,036	13,495	66	50,175		7,142	17,244	63,670	80,914	1,711 87
Total United States	897	10,036	13,495	66	50,175		7,142	17,244	63,670	80,914	1,711 87
Grand Total, Ottawa Canals	5,202	117,225	313,765	168	102,883		7,437	124,930	416,648	541,472	6,294 63

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 32.—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.....	928	18,597	23,069	499						19,089	23,069	42,158	467 01	
“ “ sail.....	1,731	48,965	56,584	1,028						49,993	56,584	106,577	1,223 33	
Total Canadian.....	2,659	67,562	79,653	1,527						69,082	79,653	148,735	1,690 34	
United States Vessels, steam..	4	30	30							30	30	60	1 00	
“ “ sail.....	19	114	1,660	114						228	1,660	1,888	17 66	
Total United States.....	23	144	1,690	114						258	1,690	1,948	18 66	
Grand Total, Rideau Canal	2,682	67,699	81,343	1,641						69,340	81,343	150,683	1,709 00	
St. PETER'S CANAL.														
Canadian Vessels, steam.....														
“ “ sail.....	153	3,529	3,703							3,529	3,703	7,232	144 64	
Grand Total, St. Peter's Canal.....	153	3,529	3,703							3,529	3,703	7,232	144 64	
NEWCASTLE DISTRICT CANALS.														
Canadian Vessels, steam.....	6	210	210							210	210	420	3 00	
“ “ sail.....	2	5	5							5	5	10	1 00	
Total Canadian.....	8	215	215							215	215	430	4 00	
Grand Total, Newcastle District Canals.....	8	215	215							215	215	430	4 00	

RECAPITULATION.

Vessels.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
CANADIAN VESSELS.													
<i>Steam and Sail.</i>													
Welland.....	3,332	161,507	118,815	173,904	2,857	1,673	1,136	6,133	238,012	343,217	360,820	704,037	12,753 29
St. Lawrence.....	9,829	1,076,902	757,883	25,591	6,681	20	20	117	22,875	1,161,630	787,464	1,890,094	17,000 70
Chambly.....	2,119	57,049	54,560	19,991					89,976	77,040	144,536	221,576	2,645 11
Burlington Bay.....	932	153,059	160,540		15,416			21,712		174,771	175,956	350,727	3,802 57
Ottawa.....	4,305	107,189	300,270	102	52,708			295		107,586	352,978	460,564	4,582 76
Rideau.....	2,659	67,555	79,653	1,527						69,092	79,653	148,735	1,690 34
St. Peter's.....	153	3,529	3,703							3,529	3,703	7,232	144 64
Newcastle District.....	8	215	215							215	215	430	4 00
Total Canadian.....	21,387	1,627,005	1,475,644	221,115	77,662	1,693	1,156	28,257	350,863	1,878,070	1,905,325	3,783,395	42,623 41
UNITED STATES VESSELS.													
<i>Steam and Sail.</i>													
Welland.....	773	216	146	4,957	2,488	86,901	45,256	2,032	36,243	94,106	84,133	178,239	3,863 51
St. Lawrence.....	1,511	2,290	8,317	13,247	5,226	10,041	9,400	62,139	14,828	87,717	37,771	125,488	1,191 30
Chambly.....	1,177	784	1,563	18,508					84,745	19,232	86,308	105,600	1,503 02
Burlington Bay.....	7	159	306		350			321		480	656	1,136	11 36
Ottawa.....	897	10,036	13,495	66	50,175			7,142		17,244	63,670	80,914	1,711 87
Rideau.....	23	144	1,690	114						259	1,690	1,948	18 66
St. Peters.....													
Newcastle District.....													
Total United States.....	4,387	13,619	25,517	36,892	58,239	96,942	54,656	71,634	125,816	219,097	274,228	493,325	8,299 72
Grand Total, Canadian and United States.....	25,774	1,640,624	1,501,161	258,007	135,901	98,635	55,812	99,891	486,679	2,097,167	2,179,553	4,276,720	50,923 13

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

A. BRUNEL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—*Concluded.*

No. (A) 32½.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation, 1879 and 1880, with the amounts of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1879.												
Welland Canal	27,688	125,524	25,756	1,713	150,409	133,634	11,693	389,247	215,546	650,118	865,664	163,708 22
St. Lawrence Canals.....	142,266	671,626	11,128	2,952	503	1,471	64,738	48,952	218,657	725,001	943,658	74,426 69
Chambly Canal.....	11,828	16,670	52,680	.....	.....	.....	105,391	64,508	116,061	180,569	17,901 01	
Rideau Canal.....	91,212	15,455	2,648	100	.....	.....	.....	93,860	15,555	109,415	4 861 64	
Ottawa Canals.....	4,852	294,462	.....	187,498	.....	.....	.....	4,852	481,870	486,722	44,606 83	
Burlington Bay Canal..	20,606	21,152	.....	1,904	.....	.....	44,214	1	64,820	23,057	87,877	3 637 12
*St. Peter's Canal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newcastle Dist. Canals.	16,280	552	.....	.....	.....	.....	.....	.....	16,280	552	16,832	286 12
1880.												
Welland Canal	26,879	109,458	71,849	11,665	97,653	81,952	5,885	414,654	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	59,209	244,986	827,570	1,072,556	88,890 72
Chambly Canal.....	10,918	13,982	80,545	1,172	.....	.....	95,420	91,593	110,574	202,067	20,340 85	
Rideau Canal.....	79,889	19,985	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.....	1,964	2,081	.....	.....	.....	.....	.....	.....	1,964	2,081	4,045	185 09
Newcastle Dist. Canals.	17,465	769	.....	.....	.....	.....	.....	.....	17,445	769	18,224	218 19

* This canal being closed for enlargement, no business has been done on it during the year 1879.

INLAND REVENUE DEPARTMENT,
OTTAWA, 2nd February, 1881.

A. BRUNEL,
Commissioner.

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