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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

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WATER TRANSPORTATION

1960 MILLION DOLLARS	<div style="display: flex; justify-content: space-between;"> \$  \$ </div> FINANCIAL FACTS	1959 MILLION DOLLARS
<i>284.9</i>	Property Account (Net Value)	<i>255.2</i> (revised)
<i>316.3</i>	Operating Revenues	<i>298.4</i>
<i>310.2</i>	Operating Expenses	<i>296.4</i>
<i>27.4</i>	Fuel Consumed (Cost)	<i>27.9</i>
<i>78.1</i>	Total Wages and Salaries Paid	<i>75.0</i>
<i>478.4</i>	Vessels as at End of Season (Gross Value)	<i>450.0</i> (revised)
<i>5.5</i>	Net Profits	<i>0.9</i>

WATER TRANSPORTATION

1960

INTRODUCTION

This report deals primarily with the financial aspects of the water transportation industry in Canada. Statistics on Canada's waterborne commerce including the volume of freight carried by Canadian vessels in both international and coastwise shipping are presented in the "Shipping Report" Parts I, II and III, also published by the Dominion Bureau of Statistics. According to the Shipping Report, in 1960 vessels of Canadian registry transported 25.9 million short tons, or 28.8 per cent of the 89.6 million tons of cargo loaded and unloaded at Canadian ports in international seaborne or foreign shipping. This includes traffic to and from the United States across the Great Lakes. In coastwise shipping, Canadian vessels carried 35 million tons or 85.8 per cent of a total of 40.8 million tons unloaded. Statistics of freight carried on inland rivers and lakes, other than the Great Lakes, are not available but it may be presumed that all freight on these waters was carried in vessels of Canadian registry.

Source and Treatment of Data

The data presented in this report relate to the common carrier activities of vessels operating under Canadian registry. Operators engaged solely in the fishing or lumbering trades and others who make separate reports to the Dominion Bureau of Statistics including vessel operations as a part of their particular industry are excluded. Private pleasure craft are also excluded.

A total of 337 operators submitted reports for 1960. This represented almost the entire water transportation industry in Canada, the majority of those not reporting being small operators with one or two vessels engaged in restricted or seasonal activities. Of the total reporting, 241 were incorporated companies while 96 were individual owners or partnerships. For the year 1959 a total of 331 returns were received, 239 from incorporated companies and 92 from individual owners or partnerships.

The statistics in this report are presented on the basis of four geographical regions. The Atlantic division comprises the Atlantic provinces, the eastern seaboard and the St. Lawrence River up to and including Montreal; the Pacific division embraces the western ocean ports; the Great Lakes division consists of the St. Lawrence River above Montreal and the Great Lakes; while the Inland division includes the MacKenzie River, and all other inland lakes and waterways. The completed returns are allocated to one of these areas according to the area served by the majority of the vessels, as

reported by the operator. The 1960 returns included 173 for the Atlantic division, 107 for the Pacific, 41 for the Great Lakes and 16 for the Inland division.

Vessels

Reports from Canadian water transportation companies show the total number of vessels in operation during the year as 2,144 compared with 2,094 in 1959. Of these, 1,636 were owned and 508 chartered as against 1,601 owned and 493 chartered in the previous year. An additional 123 vessels were reported as "not operated" during the year. Of the total vessels in service, the Pacific division reported 1,017 (980 in 1959) the Atlantic division reported 636 (639), Great Lakes, 239 (218) and the Inland division 252 (257).

Property

For companies reporting in 1960, the total value of property, before depreciation, increased 7.5 per cent to \$527,762,370 from \$491,081,340 in 1959, with the value of vessels rising to \$478,433,879 from \$449,980,495. The net value of property after depreciation was up 11.6 per cent to \$234,833,006 from \$255,244,215. Two divisions showed substantial increases. In the Great Lakes division property value increased 27.5 per cent to \$113,860,108 from \$89,311,237 and in the Pacific division, 20.4 per cent to \$62,156,055 from \$51,638,768. Property value in the Atlantic division was down 4.3 per cent to \$104,675,960 while the Inland division reported a drop of 15.6 per cent to \$4,140,883. It should be noted that property values quoted for 1959 contain revisions, due mainly to revaluation of vessels purchased in earlier years.

Income Account

Total operating revenues increased to \$316,307,290 from \$298,416,911 in the previous year and the gross income rose 6.4 per cent to \$331,242,151 from \$311,182,302. All divisions except Inland reported increases. Passenger revenues were up in the Atlantic and Pacific divisions but down in the Great Lakes and Inland divisions with the total for all divisions up 2 per cent to \$16,751,619 from \$16,412,864. Freight revenue was up in the three main divisions, the total rising 6 per cent to \$241,911,797 from \$227,340,755. Revenue from towing increased to \$31,376,577 from \$26,272,616. A change in operating area was largely responsible for a drop in the Atlantic division with a corresponding rise in the Great Lakes division. Charter revenue dropped to \$14,989,640 from \$16,271,269, down 7.9 per cent, while revenue from salvage and other operations showed minor decreases.

Rising costs were reflected in all expense accounts with total expenses up 5 per cent to \$316,248,391 from \$300,981,874 in 1959. In the Pacific division total expenses were up 12.6 per cent to \$66,863,644 from \$59,381,157; in the Great Lakes division, 9.5 per cent to \$72,815,830 from \$66,525,603; and, in the Atlantic division, 1.2 per cent to \$171,635,709 from \$169,641,204; while in the Inland division expenses were cut to \$4,933,208 from \$5,433,910.

Total net income, after provision for income tax, rose to \$5,467,644 from \$871,366 in 1959.

Employees and Earnings

Although the total number of employees dropped to 22,481 in 1960 from 23,192 in 1959, salaries and wages paid in the water transportation industry rose to \$78,138,884 from \$74,955,154.

In addition to salaries and wages, employees received free board valued at \$4,469,065 in 1960 compared with \$4,902,839 in the previous year, and free lodging for which no valuation was made. Withdrawals by owner-operators declined to \$159,892 from \$201,239 in 1959.

The average annual wage for vessel crews increased 8 per cent to \$3,696 from \$3,412 while the average for dock and warehouse employees declined to \$2,815 from \$2,889.

While annual average earnings in some cases may appear relatively low it should be noted that a considerable proportion of the water transportation industry operates on a seasonal basis particularly on the Great Lakes where the period of navigation is normally eight months or less and, consequently,

average earnings are not representative of a full year's employment. When the value of meals, lodging and monthly wages are combined, Canadian crews have incomes second only to those of the United States.

Fuel Consumption and Cost

Expenditures on fuel declined to \$27,364,690 from \$27,906,921 in 1959, due almost entirely to a drop in the consumption of diesel oil to 58,850,898 gallons from 67,983,828 in the previous year. Increases were recorded for all other fuels. The consumption of fuel oil rose to 191,626,858 gallons from 188,057,648 in 1959 and gasoline was up to 458,236 gallons from 451,377. Coal consumption ~~increased~~ DECREASE to ~~552,257~~ 442,339 tons from 525,219.

The average cost of coal ~~dropped~~ ROSE \$22.96 to ~~\$9.15~~ a ton from \$10.28 in the previous year and gasoline dropped to 29.5 cents a gallon from 31.1 cents. Fuel oil showed little change at 7.1 cents a gallon (7.2 cents in 1959) but the average cost of diesel oil increased to 14.5 cents a gallon from 13.1 cents.

Accidents

During 1960 accidents in the water transportation industry resulted in 10 deaths and 1,746 injuries as compared with 13 deaths and 1,744 injuries in 1959. One passenger was killed and 59 injured as against 2 killed and 66 injured in 1959 while accidents to crew resulted in 7 killed and 1,156 injured compared with 11 killed and 1,160 injured in the previous year.

Eight vessels valued at \$637,683 were lost during the year as against nine vessels valued at \$4,268,376 in the preceding year.

December 8, 1961.

TABLE 1. Summary Property Account of the Canadian Water Transportation Industry, 1960 and 1959

	Total as at end of year, 1959 (revised)	Gross additions during 1960	Retirements during 1960	Total as at end of year, 1960
	dollars			
Land	4,225,231	33,150	44,793	4,213,588
Vessels	449,980,495	52,310,399	23,857,015	478,433,879
Docks, wharves and warehouses	17,708,039	6,248,395	35,096	23,921,338
Other buildings	8,361,463	183,871	18,570	8,526,764
Supplies and spare equipment	2,653,488	274,540	117,951	2,810,077
Other	8,152,624	2,005,901	301,801	9,856,724
Totals	491,081,340	61,056,256	24,375,226	527,762,370
Less depreciation	235,837,125	...	...	242,929,364
Net value	255,244,215	...	...	284,833,006

TABLE 2. Property Account of the Canadian Water Transportation Industry, by Type of Operator, by Division, 1960

	Land	Vessels	Docks wharves warehouses	Other buildings	Supplies and spare equipment	Other	Total	Accrued depreciation	Net value
	dollars								
Incorporated companies									
Atlantic division	199,487	179,418,702	4,879,419	335,134	395,494	1,074,508	186,302,744	83,821,358	102,481,386
Pacific division	453,479	83,256,889	10,576,330	599,637	735,942	2,183,794	97,806,071	35,819,122	61,986,949
Great Lakes division	3,471,218	199,641,409 ^a	7,733,232	6,645,437	579,720	5,310,172	223,381,188	109,521,080 ^b	113,860,108
Inland division	87,404	12,024,310	712,157	924,811	1,041,650	1,212,811	16,003,143	11,912,302	4,090,841
Totals	4,211,588	474,341,310	23,901,138	8,505,019	2,752,806	9,781,285	523,493,146	241,073,862	282,419,284
Individual ownership and partnership									
Atlantic division	1,300	3,644,064	12,850	15,445	48,712	62,273	3,784,644	1,590,070	2,194,574
Pacific division	-	376,688	-	2,200	7,289	4,163	390,340	221,234	169,106
Great Lakes division .....	..	..	..	..	..	..	..	..	..
Inland division	700	71,317	7,350	4,100	1,270	9,003	94,240	44,198	50,042
Totals	2,000	4,092,569	20,200	21,745	57,271	75,439	4,269,224	1,855,502	2,413,722
All operators									
Total Atlantic division	200,787	183,062,766	4,892,269	350,579	444,206	1,136,781	190,087,388	85,411,428	104,675,960
Total Pacific division	453,479	83,633,577	10,576,330	601,837	743,231	2,187,957	98,196,411	36,040,356	62,156,055
Total Great Lakes division	3,471,218	199,641,409	7,733,232	6,645,437	579,720	5,310,172	223,381,188	109,521,080	113,860,108
Total Inland division	88,104	12,096,127	719,507	928,911	1,042,920	1,221,814	16,097,383	11,956,500	4,140,883
Totals	4,213,588	478,433,879	23,921,338	8,526,764	2,810,077	9,856,724	527,762,370	242,929,364	284,833,006

^a Includes \$435,885 reported by Toronto Transit Commission in the Urban Transit Report.^b Includes \$279,120

TABLE 3. Income Account of the Canadian Water Transportation Industry, by Division, 1960

	Atlantic division	Pacific division	Great Lakes division	Inland division	Total
	dollars				
Operating revenue					
Passenger	3,936,645	8,827,647	3,810,936	176,391	16,751,619
Freight	137,911,625	30,788,474	69,157,468	4,054,230	241,911,797
Towing	2,290,239	26,912,770	1,539,384	634,184	31,376,577
Salvage	212,151	199,761	359,905	—	771,817
Storage	3,855	200,042	59,934	10,813	274,644
Charter	12,250,668	1,697,616	1,000,648	40,708	14,989,640
Other	3,453,217	2,389,943	4,354,127	33,909	10,231,196
Total operating revenue	160,058,400	71,016,253	80,282,402	4,950,235	316,307,290
Other income	4,598,103	1,350,045	8,903,936	82,777	14,934,861
Gross income	164,656,503	72,366,298	89,186,338	5,033,012	331,242,151
Operating expenses					
Maintenance	9,189,327	6,438,887	4,320,042	501,901	20,450,157
Operation	81,317,018	35,271,651	47,547,503	2,708,345	166,844,517
Advertising	336,446	996,519	1,163,424	8,016	2,504,405
Insurance	5,145,066	2,660,215	2,038,043	193,911	10,037,235
Administration	7,672,728	4,354,926	4,018,587	413,259	16,459,500
Depreciation	9,130,475	4,128,503	8,720,986	1,009,755	22,989,719
Taxes (excluding income tax)	277,201	270,822	66,346	34,804	649,173
Rentals	56,246,656	11,822,698	2,194,043	10,334	70,273,731
Total operating expenses	169,314,917	65,944,221	70,068,974	4,880,325	310,208,437
Other expenses	2,320,792	919,423	2,746,856	52,883	6,039,954
Total expenses	171,635,709	66,863,644	72,815,830	4,933,208	316,248,391
Net income before income tax	Dr. 6,979,206	5,502,654	16,370,508	99,804	14,993,760
Less provision for income tax	419,960	1,208,876	7,892,461	4,819	9,526,116
Profit for year	Dr. 7,399,166	4,293,778	8,478,047	94,985	5,467,644

TABLE 4. Income Account of the Canadian Water Transportation Industry, by Type of Operator, by Division, 1960

	Incorporated companies				Individual ownership and partnership				Grand total
	Atlantic division	Pacific division	Great Lakes division	Inland division	Atlantic division	Pacific division	Great Lakes division	Inland division	
	dollars								
Operating revenue									
Passenger	3,826,904	8,793,003	3,810,936	130,136	109,741	34,644	..	46,255	16,751,619
Freight	135,138,007	30,721,162	69,157,468	4,040,824	2,773,618	67,312	..	13,406	241,911,797
Towing	2,290,239	26,679,600	1,539,384	632,907	—	233,170	..	1,277	31,376,577
Salvage	212,151	199,761	359,905	—	—	—	..	—	771,817
Storage	—	200,042	59,934	10,813	3,855	—	..	—	274,644
Charter	12,034,962	1,664,334	1,000,648	36,708	215,706	33,282	..	4,000	14,989,640
Other	3,225,242	2,388,214	4,354,127	33,909	227,975	1,729	..	—	10,231,196
Total operating revenue	156,727,505	70,646,116	80,282,402	4,885,297	3,330,895	370,137	..	64,938	316,307,290
Other income	4,430,960	1,350,045	8,903,936	80,807	167,143	—	..	1,970	14,934,861
Gross income	161,158,465	71,996,161	89,186,338	4,966,104	3,498,038	370,137	..	66,908	331,242,151
Operating expenses									
Maintenance	8,714,110	6,386,130	4,320,042	497,646	475,217	52,757	..	4,255	20,450,157
Operation	79,990,353	35,130,961	47,547,503	2,683,174	1,326,635	140,690	..	25,171	166,844,517
Advertising	326,363	996,003	1,163,424	7,629	10,083	516	..	387	2,504,405
Insurance	4,913,141	2,645,041	2,038,043	191,634	231,925	15,174	..	2,277	10,037,235
Administration	7,538,731	4,319,984	4,018,587	410,233	133,997	34,942	..	3,026	16,459,500
Depreciation	8,830,136	4,116,792	8,720,986	1,001,775	300,339	11,711	..	7,980	22,989,719
Taxes (excluding income tax)	266,335	269,679	66,346	34,621	10,866	1,143	..	183	649,173
Rentals	56,159,487	11,784,461	2,194,043	8,289	87,169	38,237	..	2,045	70,273,731
Total operating expenses	166,738,656	65,649,051	70,068,974	4,835,001	2,576,261	295,170	..	45,324	310,208,437
Other expenses	2,278,767	913,861	2,746,856	52,223	42,025	5,562	..	660	6,039,954
Total expenses	169,017,423	66,562,912	72,815,830	4,887,224	2,618,286	300,732	..	45,984	316,248,391
Net income before income tax	Dr. 7,858,958	5,433,249	16,370,508	78,880	879,752	69,405	..	20,924	14,993,760
Less provision for income tax	408,115	1,203,876	7,892,461	4,643	11,845	5,000	..	176	9,526,116
Profit for year	Dr. 8,267,073	4,229,373	8,478,047	74,237	867,907	64,405	..	20,748	5,467,644

WATER TRANSPORTATION

TABLE 5. Number of Employees and Earnings in the Canadian Water Transportation Industry, by Type of Operator, by Division, 1960

	Vessel crews		Dock and warehouse employees		Office administration employees			
	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages		
Incorporated companies								
Atlantic division	5,795	19,764,434	2,956	7,810,187	774	3,759,506		
Pacific division	2,949	13,758,005	385	1,511,794	481	2,847,622		
Great Lakes division	4,479	16,544,590	1,467	4,340,365	452	2,613,784		
Inland division	439	1,261,245	180	446,373	125	543,650		
Totals	13,662	51,328,274	4,988	14,108,719	1,832	9,764,562		
Individual ownership and partnership								
Atlantic division	404	650,989	31	21,840	8	21,354		
Pacific division	23	110,783	—	—	2	2,600		
Great Lakes division	..	..	..	..	..	..
Inland division	7	13,746	—	—	..	..
Totals	434	775,518	31	21,840	10	23,954		
All operators								
Total Atlantic division	6,199	20,415,423	2,987	7,832,027	782	3,780,860		
Total Pacific division	2,972	13,868,788	385	1,511,794	483	2,850,222		
Total Great Lakes division	4,479	16,544,590	1,467	4,340,365	452	2,613,784		
Total Inland division	446	1,274,991	180	446,373	125	543,650		
Totals	14,096	52,103,792	5,019	14,130,559	1,842	9,788,516		
		Other employees		Total		Entrepreneurial withdrawals not included in total	Value of meals supplied	Amount of salaries paid to employees with home address in Canada
		Number	Salaries and wages	Number	Salaries and wages			
Incorporated companies								
Atlantic division	86	267,264	9,611	31,601,391	...	2,062,007	30,316,144	
Pacific division	348	872,532	4,163	18,989,953	...	639,102	18,552,440	
Great Lakes division	879	622,729	7,277	24,121,468	...	1,514,809	24,005,872	
Inland division	207	349,677	951	2,600,945	...	166,900	2,579,726	
Totals	1,520	2,112,202	22,002	77,313,757	...	4,382,818	75,454,182	
Individual ownership and partnership								
Atlantic division	3	3,215	446	697,398	119,180	83,214	695,726	
Pacific division	—	—	25	113,383	31,593	3,033	113,383	
Great Lakes division	
Inland division	1	600	8	14,346	9,119	..	14,346	
Totals	4	3,815	479	825,127	159,892	86,247	823,455	
All operators								
Total Atlantic division	89	270,479	10,057	32,298,789	119,180	2,145,221	31,011,870	
Total Pacific division	348	872,532	4,188	19,103,336	31,593	642,135	18,665,823	
Total Great Lakes division	879	622,729	7,277	24,121,468	...	1,514,809	24,005,872	
Total Inland division	208	350,277	959	2,615,291	9,119	166,900	2,594,072	
Totals	1,524	2,116,017	22,481	78,138,884	159,892	4,469,065	76,277,637	

TABLE 6. Expenditures on Fuel and Amount Consumed by Canadian Marine Operators, by Type of Operator, by Division, 1960

	Coal (tons)		Fuel oil (gallons)		Diesel oil (gallons)		Gasoline (gallons)		Other fuel cost	Total cost
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost		
Incorporated companies										
Atlantic division	110,501	1,327,222	129,507,288	8,959,661	30,966,830	3,914,819	4,243	1,372	2,035	14,205,109
Pacific division	1,128	18,088	23,780,956	1,510,566	21,283,519	3,577,736	236,419	66,299	150	5,172,839
Great Lakes division	322,665	3,701,621	36,309,903	2,919,841	4,883,461	724,079	56,580	15,267	925	7,361,733
Inland division	—	—	1,045,998	178,370	594,546	102,215	111,013	36,422	1,188	318,195
Totals	434,324	5,046,931	190,644,145	13,568,438	57,728,356	8,318,849	408,255	119,360	4,298	27,057,876
Individual ownership and partnership										
Atlantic division	273	5,072	982,713	93,521	921,344	156,569	23,702	8,141	—	263,303
Pacific division	—	—	—	—	176,411	30,475	8,705	2,200	—	32,675
Great Lakes division	..	..	..	..	..	..	..	..	..	..
Inland division	—	—	—	—	24,787	5,448	17,574	5,388	—	10,836
Totals	273	5,072	982,713	93,521	1,122,542	192,492	49,981	15,729	—	306,814
All operators										
Total Atlantic division	110,774	1,332,294	130,490,001	9,053,182	31,888,174	4,071,388	27,945	9,513	2,035	14,468,412
Total Pacific division	1,128	18,088	23,780,956	1,510,566	21,459,930	3,608,211	245,124	68,499	150	5,205,514
Total Great Lakes division	322,665	3,701,621	36,309,903	2,919,841	4,883,461	724,079	56,580	15,267	925	7,361,733
Total Inland division	—	—	1,045,998	178,370	619,333	107,663	128,587	41,810	1,188	329,031
Totals	434,324	5,052,003	191,626,858	13,661,959	58,850,898	8,511,341	458,236	135,089	4,298	27,364,690

TABLE 7. Vessels Owned or Chartered in Operation during and at End of Season, by Canadian Marine Operators, by Type of Operator, by Division, 1960

	Passenger					Passenger and freight					Freight				
	Total in operation				Owned vessels not operated during season	Total in operation				Owned vessels not operated during season	Total in operation				Owned vessels not operated during season
	During season		At end of season			During season		At end of season			During season		At end of season		
	O ¹	C ²	O	C		O	C	O	C		O	C	O	C	
Incorporated companies															
Atlantic division	9	—	8	—	4	52	53	50	34	—	119	152	113	59	5
Pacific division	11	—	11	—	—	24	3	20	2	2	4	58	4	23	—
Great Lakes division	16	—	16	—	2	14	—	14	—	—	119	6	115	6	24
Inland division	1	—	1	—	—	16	—	16	—	—	3	—	2	—	—
Totals	37	—	36	—	6	106	56	100	36	2	245	216	234	88	29
Individual ownership and partnership															
Atlantic division	2	—	2	—	—	42	—	41	—	—	54	9	53	—	3
Pacific division	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—
Great Lakes division	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inland division	3	—	1	—	—	3	—	3	—	—	1	—	1	—	—
Totals	6	—	4	—	1	45	—	44	—	—	55	9	54	—	3
Total vessels															
Atlantic division	11	—	10	—	4	94	53	91	34	—	173	161	166	59	8
Pacific division	12	—	12	—	1	24	3	20	2	2	4	58	4	23	—
Great Lakes division	16	—	16	—	2	14	—	14	—	—	119	6	115	6	24
Inland division	4	—	2	—	—	19	—	19	—	—	4	—	3	—	—
Totals	43	—	40	—	7	151	56	144	36	2	300	225	288	88	32
Tanker					Tugs					Tow barges and scows					
Total in operation				Owned vessels not operated during season	Total in operation				Owned vessels not operated during season	Total in operation				Owned vessels not operated during season	
During season		At end of season			During season		At end of season			During season		At end of season			
O	C	O	C		O	C	O	C		O	C	O	C		
Incorporated companies															
Atlantic division	32	15	25	7	2	26	—	25	—	6	34	—	33	—	17
Pacific division	1	3	1	3	—	277	44	261	34	29	408	155	397	151	9
Great Lakes division	13	7	13	3	1	30	1	29	—	3	17	—	17	—	2
Inland division	—	—	—	—	—	41	1	41	1	9	148	—	148	—	—
Totals	46	25	39	13	3	374	46	356	35	47	607	155	595	151	28
Individual ownership and partnership															
Atlantic division	—	—	—	—	—	3	—	3	—	—	12	—	12	—	—
Pacific division	1	—	1	—	—	9	—	8	—	2	1	—	1	—	—
Great Lakes division	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inland division	—	—	—	—	—	6	—	6	—	—	6	—	6	—	—
Totals	1	—	1	—	—	18	—	17	—	2	19	—	19	—	—
Total vessels															
Atlantic division	32	15	25	7	2	29	—	28	—	6	46	—	45	—	17
Pacific division	2	3	2	3	—	286	44	269	34	31	409	155	398	151	9
Great Lakes division	13	7	13	3	1	30	1	29	—	3	17	—	17	—	2
Inland division	—	—	—	—	—	47	1	47	1	9	154	—	154	—	—
Totals	47	25	40	13	3	392	46	373	35	49	626	155	614	151	28
Miscellaneous vessels					Total all vessels										
Total in operation				Owned vessels not operated during season	Total in operation				Owned vessels not operated during season						
During season		At end of season			During season		At end of season								
O	C	O	C		O	C	O	C							
Incorporated companies															
Atlantic division	8	—	5	—	—	—	280	220	259	100	—	—	—	—	34
Pacific division	17	—	17	—	—	—	742	263	711	213	—	—	—	—	40
Great Lakes division	16	—	16	—	—	—	225	14	220	9	—	—	—	—	34
Inland division	22	1	22	1	—	—	231	2	230	2	—	—	—	—	9
Totals	63	1	60	1	—	—	1,478	499	1,420	324	—	—	—	—	117
Individual ownership and partnership															
Atlantic division	14	—	14	—	—	—	127	9	125	—	—	—	—	—	3
Pacific division	—	—	—	—	—	—	12	—	11	—	—	—	—	—	3
Great Lakes division	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inland division	—	—	—	—	—	—	19	—	17	—	—	—	—	—	—
Totals	14	—	14	—	—	—	158	9	153	—	—	—	—	—	6
Total vessels															
Atlantic division	22	—	19	—	—	—	407	229	384	100	—	—	—	—	37
Pacific division	17	—	17	—	—	—	754	263	722	213	—	—	—	—	43
Great Lakes division	16	—	16	—	—	—	225	14	220	9	—	—	—	—	34
Inland division	22	1	22	1	—	—	250	2	247	2	—	—	—	—	9
Totals	77	1	74	1	—	—	1,636	508	1,573	324	—	—	—	—	124

¹ O—Owned.

² C—Chartered.

TABLE 8. Vessels Operated by Canadian Marine Operators, by Type of Operator, by Division, 1960

	Class of vessel						Miscellaneous vessels	Total operated
	Passenger	Passenger and freight	Freight	Tanker	Tugs	Tow barges and scows		
Incorporated companies								
Atlantic division	9	105	271	47	26	34	8	500
Pacific division	11	27	62	4	321	563	17	1,005
Great Lakes division	16	14	125	20	31	17	16	239
Inland division	1	16	3	—	42	148	23	233
Totals	37	162	461	71	420	762	64	1,977
Individual ownership and partnership								
Atlantic division	2	42	63	—	3	12	14	136
Pacific division	1	—	—	1	9	1	—	12
Great Lakes division .....	..	..	..	..	..	..	..	..
Inland division	3	3	1	—	6	6	—	19
Totals	6	45	64	1	18	19	14	167
All operators								
Total Atlantic division	11	147	334	47	29	46	22	636
Total Pacific division	12	27	62	5	330	564	17	1,017
Total Great Lakes division	16	14	125	20	31	17	16	239
Total Inland division	4	19	4	—	48	154	23	252
Totals	43	207	525	72	438	781	78	2,144

TABLE 9. Number of Persons Killed or Injured in the Canadian Water Transportation Industry, by Type of Operator, by Division, 1960

	Members of crew		Other employees		Passengers		Other persons		Total		Vessels lost	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	No.	Value
\$												
Incorporated companies												
Atlantic division	4	321	—	70	1	35	—	8	5	434	4	482,183
Pacific division	—	409	—	91	—	14	—	2	—	516	1	82,400
Great Lakes division	2	379	2	283	—	10	—	8	4	680	—	—
Inland division	—	39	—	67	—	—	—	—	—	106	—	—
Totals	6	1,148	2	511	1	59	—	18	9	1,736	5	564,583
Individual ownership and partnership												
Atlantic division	1	7	—	2	—	—	—	—	1	9	3	73,100
Pacific division	—	1	—	—	—	—	—	—	—	1	—	—
Great Lakes division .....	..	..	..	..	..	..	..	..	..	..	..	..
Inland division	—	—	—	—	—	—	—	—	—	—	—	—
Totals	1	8	—	2	—	—	—	—	1	10	3	73,100
All operators												
Total Atlantic division	5	328	—	72	1	35	—	8	6	443	7	555,283
Total Pacific division	—	410	—	91	—	14	—	2	—	517	1	82,400
Total Great Lakes division	2	379	2	283	—	10	—	8	4	680	—	—
Total Inland division	—	39	—	67	—	—	—	—	—	106	—	—
Totals	7	1,156	2	513	1	59	—	18	10	1,746	8	637,683

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