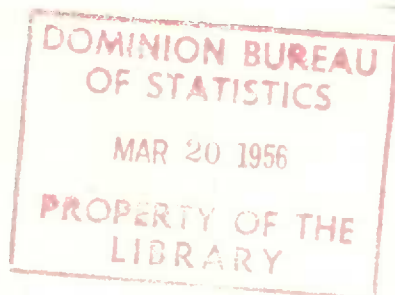


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CANADA

WATER TRANSPORTATION 1954



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WATER TRANSPORTATION

1954 MILLION DOLLARS	\$  FINANCIAL FACTS \$	1953 MILLION DOLLARS
<i>131.5</i>	Property Account (Net Value)	<i>131.6</i>
<i>223.6</i>	Operating Revenues	<i>247.1</i>
<i>215.5</i>	Operating Expenses	<i>233.0</i>
<i>23.9</i>	Fuel Consumed (Cost)	<i>26.3</i>
<i>52.4</i>	Total Wages and Salaries Paid	<i>51.1</i>
<i>276.9</i>	Vessels as at End of Season (Gross Value)	<i>274.3</i>
<i>5.9</i>	Net Profits	<i>9.7</i>

WATER TRANSPORTATION

1954

Review of 1954 Operations

Waterborne commerce in Canada may be broken into three categories: international seaborne or foreign, coastwise and inland shipping. By referring to the "Shipping Report" for 1954 it will be seen that vessels of Canadian registry transported 21.4 million short tons or 34.0 p.c. of the 63.0 million tons of cargo loaded and unloaded at Canadian ports in international seaborne or foreign shipping. In the coastwise trade, Canadian vessels carried 27.7 million tons or 92.6 p.c. of the 29.9 million tons unloaded by all vessels. In addition, Canadian vessels presumably handled all freight traffic on inland lakes and rivers, the amount of which is not available.

Canadian water transportation companies received \$166,746,116 in revenue during 1954 for the carriage of this freight. Other services such as passenger, towing, salvage, etc., produced \$56,836,404, bringing total operating revenue to \$223,582,520, a decrease of \$23,518,098 from the 1953 total of \$247,100,618. During 1954, total operating expenses amounted to \$215,455,758, which was a decline of \$17,548,697 from the 1953 level of \$233,004,455. Because total operating expenses declined to a lesser extent than did total operating revenue, net operating revenue decreased by 42.3 p.c. from \$14,096,163 to \$8,126,762. Net profit also declined from \$9,729,944 in 1953 to \$5,905,741 in 1954.

A total of 1,691 Canadian owned vessels and 479 chartered vessels were in operation during the year. whereas by year end 1,587 Canadian owned and 295 chartered vessels remained in operation. In addition there were 93 Canadian owned vessels which did not operate at all during the season. Thus the water transportation industry included a total of 1,975 vessels representing a gross investment of \$276,909,609, before depreciation. Total investment in the industry amounted to \$306,450,348 which, with the reduction of \$174,992,042, left a net value of \$131,458,306, down fractionally from the 1953 total of \$131,570,656.

Wages, and salaries amounting to \$52,388,802, were paid to 20,190 employees of the industry. The value of meals supplied equalled \$5,084,250 while owner operators withdrew \$186,752 for their services. Fuel costs totalled \$23,896,067, down from the 1953 bill of \$26,316,094. During the year, 8 vessels valued at \$849,648 were lost, 26 persons, mostly crew members, were killed and 1,875 incurred injuries of various kinds.

Property Account

The net value of assets of the Inland division at the end of 1954, after deduction for accrued depreciation, declined to \$36,269,673 from the 1953 level of \$40,114,140. However, this was partly offset by increases in the Atlantic division from \$74,437,735 to \$77,495,493 and in the Pacific division from \$17,018,781 to \$17,693,140 resulting in a total net value for Canada of \$131,458,306, which almost equalled the 1953 total net value of \$131,570,656. Of all the items comprising the property account, only the values of vessels, docks and wharves, and supplies and spare equipment showed gains over 1953.

Income Account

Gross income in 1954 amounted to \$232,751,959 a 9.4 p.c. decline from the 1953 total of \$256,880,406. Decreases were experienced in all three divisions; the Atlantic division fell by 10.1 p.c., the Pacific division by 9.7 p.c. and the Inland division by 7.2 p.c.

Freight, salvage and charter were among the the operating revenue items contributing to this drop. Freight revenue fell from \$191,792,529 in 1953 to \$166,746,116 in 1954, salvage revenue from \$987,421 to \$545,946 and charter revenue from \$21,118,748 to \$20,674,556. Increases were reported, however, for passenger receipts which rose from \$8,057,796 to \$8,892,655, towing services which climbed from \$18,909,940 to \$19,574,533 and storage operations which jumped from \$11,665 to \$202,523.

Total expenses declined from \$236,325,620 in 1953 to \$218,982,463 in 1954. Although expenses were down in all divisions, the Atlantic division showed the largest decrease falling by 8.9 p.c.

Net income after provision for income taxes declined in all divisions causing the net profits for the water transportation industry in Canada to decline from \$9,729,944 in 1953 to \$5,905,741 in 1954, a drop of 39.3 p.c.

Employment and Earnings

During 1954, the Canadian water transportation industry employed 20,190 employees and paid \$52,388,802 in wages and salaries. In 1953 however, 20,109 employees only earned wages and salaries equal to \$51,084,867, so that the average wage rose from \$2,540 in that year to \$2,595 in 1954. In ad-

dition, meals valued at \$5,084,250 were supplied and individual proprietors withdrew \$186,742. Free lodging provided was not estimated although it does represent a worthwhile increment to vessel crews.

Crew members totalled 14,605 in 1954, earning an average wage of \$2,584 as compared with \$2,553 in 1953. Dock and warehouse employees numbered 2,869 and averaged \$2,091 as opposed to the 1953 average wage of \$2,001.

While annual average earnings in some cases may appear relatively low during a period of rising national wage rates and booming economic activity, it should be noted that a considerable part of the water transportation industry operates on a seasonal basis, particularly on inland waterways where the period of navigation is normally about eight months long. 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 are second only to the United States in average rate of recompense.

Fuel Consumption and Cost

Fuel consumption is divided between coal, estimated in tons, fuel oil, diesel oil and gasoline which are all measured in gallons, and "other fuel", including wood, sawdust, etc., for which no standard measurement is available.

In 1954, the total cost of fuel amounted to \$23,896,067 a decline of 9.2 p.c. from the 1953 figure of \$26,316,094. Fuel oil which accounted for just over half of the total expenditures on fuel in 1954, declined by 10.4 p.c. Expenditures on coal declined by 21.9 p.c. and gasoline by 1.8 p.c. Diesel oil recorded a rise of 15.7 p.c.

The average cost of coal rose from \$10.36 to \$10.43 per ton, fuel oil increased slightly from 6.6¢ to 6.7¢ per gallon and diesel oil went from 13.7¢ to 13.9¢ per gallon. However, the average cost of gasoline dropped from 29.5¢ to 29.1¢ per gallon.

Accidents

There were 26 persons reported as killed and 1,875 injured in 1954 as compared with 23 killed and 1,790 injured in 1953. The number reported killed includes those lost at sea and presumed dead. The majority of deaths and injuries occurred among crew members. Of the total number of injuries, crew members received 1,375 or 73.3 p.c. while other employees had 438 or 23.3 p.c. Passenger injuries numbered 43 in 1954 compared with 50 in 1953. Although there were 10 vessels lost in 1953 as compared with only 8 in 1954, the estimated loss rose from \$724,183 to \$849,648.

Source and Treatment of Data

This report provides data primarily on the financial aspects of the water transportation industry in Canada. Statistics on the volume of traffic conducted by Canadian vessels in 1954, may be found in an auxiliary publication entitled, the "Shipping Report".

The water transportation industry in Canada has been divided geographically into three regions: the Atlantic division including the Atlantic Provinces, the eastern seaboard and the St. Lawrence River as far as Montreal; the Pacific division embracing the western ocean ports; and, finally, the Inland division including the Great Lakes, Hudson Bay, the MacKenzie River and all other inland lakes and waterways. The statistics are also presented by type of operator - i.e., incorporated companies, or individual owners and partnerships.

Since some railway companies operating inland or coastal marine service in conjunction with their rail lines include such service as part of their rail returns to the Bureau under "Water Line", that part of the industry has accordingly been excluded from the current summary. This includes such service as the ferries from the mainland to Vancouver Island, Prince Edward Island and Newfoundland. Financial data on the "Water Line" operations of railway companies may be found in the Bureau's report, "Railway Transport, 1954, Part II".

This report only contains data on the operation of vessels of Canadian shipping registry. Consequently, because they were under British registry, several ocean - going craft in the foreign service of the Canadian Pacific Steamship Company were excluded.

Operators engaged solely in the fishing or lumbering trades or those which make separate reports to the Bureau covering vessel operations as part of their particular industry are also excluded. Finally, vessels classed as private pleasure craft are excluded.

The data contained in this 1954 publication were secured from reports submitted by a total of 408 operators, representing almost the entire water transportation industry in Canada. Operators not supplying information were usually quite small; i.e., individual owners with one or two vessels engaging only in restricted or seasonal activities. Of the total number reporting, 278 were incorporated companies while 130 were individual owners or partnerships. This is similar to the situation in 1953 when there were 412 operators, of which 271 were incorporated and 141 were individual owners or partnerships.

WATER TRANSPORTATION

TABLE 1. Summary Property Account of the Canadian Water Transportation Industry, 1954 and 1953

	Gross additions during year 1954	Total as at end of year 1954	Total as at end of year 1953
	\$	\$	\$
Land	136,192	4,153,161	4,260,678
Vessels	25,362,803	276,909,609	274,346,593
Docks, wharves and warehouses	398,424	10,474,300	9,402,139
Other buildings	461,099	6,490,717	6,564,074
Supplies and spare equipment	326,293	2,285,551	1,980,911
Other	873,938	6,137,010	8,923,522
Total	27,558,749	306,450,348	305,477,917
Less depreciation		174,992,042	173,907,261
Net value		131,458,306	131,570,656

TABLE 2. Property Account of the Canadian Water Transportation Industry, by Type of Operator, by Division, 1954

	Land	Vessels	Docks wharves warehouses	Other buildings	Supplies and spare equipment	Other	Total	Accrued depreciation	Net value
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Incorporated companies									
Atlantic division	239,528	161,310,850	888,145	913,433	683,546	1,182,854	165,218,356	89,200,165	76,018,191
Pacific division	423,997	32,661,713	2,204,773	324,213	809,973	743,839	37,168,508	19,945,273	17,223,235
Inland (including the Great Lakes)	3,469,920	79,458,065	7,329,518	5,242,514	732,985	4,170,278	100,403,280	64,273,011	36,130,269
Total	4,133,445	273,430,628	10,422,436	6,480,160	2,226,504	6,096,971	302,790,144	173,418,449	129,371,695
Individual ownership & partnership									
Atlantic division	11,610	2,439,314	36,023	3,470	20,274	8,750	2,519,441	1,042,139	1,477,302
Pacific division	1,706	897,290	2,033	6,412	3,237	18,748	929,426	459,521	469,905
Inland (including the Great Lakes)	6,400	142,377	13,808	675	35,536	12,541	211,337	71,933	139,404
Total	19,716	3,478,981	51,864	10,557	59,047	40,039	3,660,204	1,573,593	2,086,611
All operators									
Total Atlantic division	251,138	163,750,164	924,168	916,903	703,820	1,191,604	167,737,797	90,242,304	77,495,493
Total Pacific division	425,703	33,559,003	2,206,806	330,625	813,210	762,587	38,097,934	20,404,794	17,693,140
Total inland (including the Great Lakes)	3,476,320	79,600,442	7,343,326	5,243,189	768,521	4,182,819	100,614,617	64,344,944	36,269,673
Total	4,153,161	276,909,609	10,474,300	6,490,717	2,285,551	6,137,010	306,450,348	174,992,042	131,458,306

TABLE 3. Summary Income Account of the Canadian Water Transportation Industry, 1954

Operating revenue		Operating expenses			
	\$		\$		\$
Passenger	8,892,655	Maintenance	16,850,409	Gross income	232,751,959
Freight	166,746,116	Operation	112,364,337	Total expenses	218,981,463
Towing	19,574,533	Advertising	1,485,809	Net income before income tax	13,769,496
Salvage	545,946	Insurance	8,210,675	Provision for income tax	7,863,755
Storage	202,523	Administration and general	11,384,116	Profit for year	5,905,741
Charter	20,674,556	Depreciation	22,391,519		
Other	6,946,191	Taxes (excluding income tax)	243,597		
Total operating revenue	223,582,520	Rentals for vessels, buildings, etc.	42,525,296		
		Total operating expenses	215,455,758		
Other income	9,169,439	Other expenses	3,526,705		
Gross income	232,751,959	Total expenses	218,982,463		

TABLE 4. Income Account of the Canadian Water Transportation Industry, by Division, 1954

	Atlantic division	Pacific division	Inland division (including the Great Lakes)	Total
	\$	\$	\$	\$
Operating revenue				
Passenger	2,017,092	3,223,488	3,652,075	8,892,655
Freight	112,511,448	17,757,338	36,477,330	166,746,116
Towing	1,342,560	17,304,755	927,218	19,574,533
Salvage	375,599	164,140	6,207	545,946
Storage	177,800	22,460	2,263	202,523
Charter	15,564,822	2,439,564	2,670,170	20,674,556
Other	1,768,667	1,263,269	3,914,255	6,946,191
Total operating revenue	133,757,988	42,175,014	47,649,518	223,582,520
Other income	3,505,524	1,255,340	4,408,575	9,169,439
Gross income	137,263,512	43,430,354	52,058,093	232,751,959
Operating expenses				
Maintenance	9,331,213	3,562,635	3,956,561	16,850,409
Operation	61,637,980	21,398,081	29,328,276	112,364,337
Advertising	277,222	226,550	982,037	1,485,809
Insurance	5,594,060	1,489,632	1,126,983	8,210,675
Administration	6,425,117	2,865,722	2,093,277	11,384,116
Depreciation	11,749,463	2,615,531	8,026,525	22,391,519
Taxes	145,987	45,259	52,351	243,597
Rentals	34,905,396	7,013,191	606,709	42,525,296
Total operating expenses	130,066,438	39,216,601	46,172,719	215,455,758
Other expenses (including income tax)	2,012,864	611,858	901,983	3,526,705
Total expenses	132,079,302	39,828,459	47,074,702	218,982,463
Net income before income tax	5,184,210	3,601,895	4,983,391	13,769,496
Less provision for income tax	3,216,037	1,662,004	2,985,714	7,863,755
Profit for year	1,968,173	1,939,891	1,997,677	5,905,741

TABLE 5. Income Account of the Canadian Water Transportation Industry, by Type of Operator, by Division, 1954

	Incorporated			Individual ownership and partnership			Grand total
	Atlantic division	Pacific division	Inland division (including the Great Lakes)	Atlantic division	Pacific division	Inland division (including the Great Lakes)	
	\$	\$	\$	\$	\$	\$	\$
Operating revenue							
Passenger	1,915,592	3,161,160	3,602,511	101,500	62,328	49,564	8,892,655
Freight	111,403,795	17,735,697	36,449,902	1,107,653	21,641	27,428	166,746,116
Towing	1,335,530	16,687,558	922,898	7,030	617,197	4,320	19,574,533
Salvage	375,599	164,140	6,207	—	—	—	545,946
Storage	177,800	22,460	2,263	—	—	—	202,523
Charter	15,041,352	2,300,901	2,668,456	523,470	138,663	1,714	20,674,556
Other	1,705,336	1,263,269	3,868,536	63,331	—	45,719	6,946,191
Total operating revenue	131,955,004	41,335,185	47,520,773	1,802,984	839,829	128,745	223,582,520
Other income	3,471,788	1,230,292	4,396,682	33,736	25,048	11,893	9,169,439
Gross income	135,426,792	42,565,477	51,917,455	1,836,720	864,877	140,638	232,751,959
Operating expenses							
Maintenance	8,991,659	3,457,991	3,942,334	339,554	104,644	14,227	16,850,409
Operation	60,767,253	20,984,851	29,266,063	870,727	413,230	62,213	112,364,337
Advertising	273,789	224,957	971,523	3,433	1,593	10,514	1,485,809
Insurance	5,486,408	1,454,393	1,121,426	107,652	35,239	5,557	8,210,675
Administration	6,366,405	2,832,446	2,085,560	58,712	33,276	7,717	11,384,116
Depreciation	11,568,379	2,520,394	8,007,647	181,084	95,137	18,878	22,391,519
Taxes	142,511	45,112	51,959	3,476	147	392	243,597
Rentals	34,904,396	7,008,110	604,533	1,000	5,081	2,176	42,525,296
Total operating expenses	128,500,800	38,528,254	46,051,045	1,565,638	688,347	121,674	215,455,758
Other expenses (excluding income tax)	1,996,383	603,701	901,895	16,481	8,157	88	3,526,705
Total expenses	130,497,183	39,131,955	46,952,940	1,582,119	696,504	121,762	218,982,463
Net income before income tax	4,929,609	3,433,522	4,964,515	254,601	168,373	18,876	13,769,496
Less provision for income tax	3,206,252	1,654,325	2,985,079	9,785	7,679	635	7,863,755
Profit for year	1,723,357	1,779,197	1,979,436	244,816	160,694	18,241	5,905,741

TABLE 6. Number of Employees and Earnings in the Canadian Water Transportation Industry, by Type of Operator, by Division, 1954

	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	7,700	20,477,673	839	1,182,429	778	3,378,307	
Pacific division	2,661	7,762,993	326	1,028,689	433	1,877,851	
Inland (including the Great Lakes)	3,772	8,843,128	1,670	3,767,986	493	1,951,365	
Total	14,133	37,083,794	2,835	5,979,104	1,704	7,207,523	
Individual ownership and partnership							
Atlantic division	390	444,976	26	11,754	6	3,600	
Pacific division	62	187,744	—	—	6	8,355	
Inland (including the Great Lakes)	20	27,068	8	6,912	2	1,850	
Total	472	659,788	34	18,666	14	13,805	
All operators							
Total Atlantic division	8,090	20,922,649	865	1,194,183	784	3,381,907	
Total Pacific division	2,723	7,950,737	326	1,028,689	439	1,886,206	
Total Inland (including the Great Lakes)	3,792	8,870,196	1,678	3,774,898	495	1,953,215	
Total	14,605	37,743,582	2,869	5,997,770	1,718	7,221,328	
	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	31	111,065	9,348	25,149,474	—	3,054,006	24,203,561
Pacific division	64	552,503	3,484	11,222,036	—	687,089	10,877,740
Inland (including the Great Lakes)	903	762,554	6,838	15,325,033	—	1,240,701	15,223,950
Total	998	1,426,122	19,670	51,696,543	—	4,981,796	50,305,251
Individual ownership and partnership							
Atlantic division	—	—	422	460,330	69,738	89,285	460,330
Pacific division	—	—	68	196,099	102,430	12,744	196,099
Inland (including the Great Lakes)	—	—	30	35,830	14,574	425	35,830
Total	—	—	520	692,259	186,742	102,454	692,259
All operators							
Total Atlantic division	31	111,065	9,770	25,609,804	69,738	3,143,291	24,663,891
Total Pacific division	64	552,503	3,552	11,418,135	102,430	699,834	11,073,839
Total Inland (including the Great Lakes)	903	762,554	6,868	15,360,863	14,574	1,241,126	15,259,780
Total	998	1,426,122	20,190	52,388,802	186,742	5,084,250	50,997,510

TABLE 7. Expenditures on Fuel and Amount Consumed by Canadian Marine Operators, by Type of Operator, by Division, 1954

	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	304,368	3,196,970	145,426,177	9,325,946	21,664,635	2,619,842	23,597	7,113	—	15,149,871
Pacific division	648	13,268	26,424,832	1,912,081	9,845,574	1,754,975	186,343	49,571	—	3,729,895
Inland (including the Great Lakes)	257,820	2,656,949	16,170,670	1,327,745	4,784,728	647,134	161,425	49,807	3,812	4,685,447
Total	562,836	5,867,187	188,021,679	12,565,772	36,294,937	5,021,951	371,365	106,491	3,812	23,565,213
Individual ownership and partnership										
Atlantic division	139	2,976	438,837	82,803	769,883	128,089	55,504	16,361	—	230,229
Pacific division	—	—	55,855	7,573	328,266	63,448	38,939	11,070	—	82,091
Inland (including the Great Lakes)	—	—	—	—	29,880	6,233	35,826	12,301	—	18,534
Total	139	2,976	494,692	90,376	1,128,029	197,770	130,269	39,732	—	330,854
All operators										
Total Atlantic division	304,507	3,199,946	145,865,014	9,408,749	22,434,518	2,747,931	79,101	23,474	—	15,380,100
Total Pacific division	648	13,268	26,480,687	1,919,654	10,173,840	1,818,423	225,282	60,641	—	3,811,986
Total Inland (including the Great Lakes)	257,820	2,656,949	16,170,670	1,327,745	4,814,608	653,367	197,251	62,108	3,812	4,703,981
Total	562,975	5,870,163	188,516,371	12,656,148	37,422,966	5,219,721	501,634	146,223	3,812	23,896,067

TABLE 8. Vessels Owned or Chartered in Operation during and at end of season, by Canadian Marine Operators, by Type of Operator, by Division, 1954

	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	13	—	12	—	2	38	3	35	3	4	227	204	213	74	12
Pacific division	31	3	21	2	—	21	3	20	1	8	16	51	11	18	1
Inland (including the Great Lakes)	25	4	25	4	1	14	—	14	—	1	92	1	90	1	2
Total	69	7	58	6	3	73	6	69	4	13	335	256	314	93	15
Individual ownership and partnership															
Atlantic division	22	—	21	—	—	18	—	18	—	1	74	—	72	—	1
Pacific division	6	—	6	—	—	5	—	5	—	—	—	—	—	—	—
Inland (including the Great Lakes)	10	—	10	—	2	2	—	2	—	—	1	—	1	—	—
Total	38	—	37	—	2	25	—	25	—	1	75	—	73	—	1
Total vessels															
Atlantic division	35	—	33	—	2	56	3	53	3	5	301	204	285	74	13
Pacific division	37	3	27	2	—	26	3	25	1	8	16	51	11	18	1
Inland (including the Great Lakes)	35	4	35	4	3	16	—	16	—	1	93	1	91	1	2
Total	107	7	95	6	5	98	6	94	4	14	410	256	387	93	16
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	
	O	C	O	C	O	C	O	C	O	C	O	C			
Incorporated companies															
Atlantic division	36	22	30	13	4	31	2	29	1	5	29	—	29	—	7
Pacific division	1	—	1	—	—	259	32	252	27	9	373	147	327	143	3
Inland (including the Great Lakes)	9	4	10	4	2	56	1	56	1	13	132	1	132	1	7
Total	46	26	41	17	6	346	35	337	29	27	534	148	488	144	17
Individual ownership and partnership															
Atlantic division	—	—	—	—	—	3	—	2	1	1	12	—	12	—	—
Pacific division	—	—	—	—	—	24	—	23	—	2	4	—	4	—	—
Inland (including the Great Lakes)	—	—	—	—	—	7	—	6	—	2	9	—	9	—	—
Total	—	—	—	—	—	34	—	31	1	5	25	—	25	—	—
Total vessels															
Atlantic division	36	22	30	13	4	34	2	31	2	6	41	—	41	—	7
Pacific division	1	—	1	—	—	283	32	275	27	11	377	147	331	143	3
Inland (including the Great Lakes)	9	4	10	4	2	63	1	62	1	15	141	1	141	1	7
Total	46	26	41	17	6	380	35	368	30	32	559	148	513	144	17
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						
	O	C	O	C	O	C	O	C							
Incorporated companies															
Atlantic division	12	—	11	—	—	2	386	231	359	91	—	—	—	—	36
Pacific division	15	1	14	1	—	—	716	237	646	192	—	—	—	—	21
Inland (including the Great Lakes)	50	—	50	—	—	—	378	11	377	11	—	—	—	—	26
Total	77	1	75	1	—	2	1,480	479	1,382	294	—	—	—	—	83
Individual ownership and partnership															
Atlantic division	11	—	11	—	—	1	140	—	136	1	—	—	—	—	4
Pacific division	3	—	3	—	—	—	42	—	41	—	—	—	—	—	2
Inland (including the Great Lakes)	—	—	—	—	—	—	29	—	28	—	—	—	—	—	4
Total	14	—	14	—	—	1	211	—	205	1	—	—	—	—	10
Total vessels															
Atlantic division	23	—	22	—	—	3	526	231	495	92	—	—	—	—	40
Pacific division	18	1	17	1	—	—	758	237	687	192	—	—	—	—	23
Inland (including the Great Lakes)	50	—	50	—	—	—	407	11	405	11	—	—	—	—	30
Total	91	1	89	1	—	3	1,691	479	1,587	295	—	—	—	—	93

1. O — Owned.
2. C — Chartered.

TABLE 9. Vessels Operated by Canadian Marine Operators, by Type of Operator, by Division, 1954

	Class of vessel						Miscellaneous vessels	Total operated
	Passenger	Passenger and freight	Freight	Tanker	Tugs	Tow barges and scows		
Incorporated companies								
Atlantic division	13	41	431	58	33	29	12	617
Pacific division	34	24	67	1	291	520	16	953
Inland (including the Great Lakes)	29	14	93	13	57	133	50	389
Total	76	79	591	72	381	682	78	1,959
Individual ownership and partnership								
Atlantic division	22	18	74	—	3	12	11	140
Pacific division	6	5	—	—	24	4	3	42
Inland (including the Great Lakes)	10	2	1	—	7	9	—	29
Total	38	25	75	—	34	25	14	211
All operators								
Total Atlantic division	35	59	505	58	36	41	23	757
Total Pacific division	40	29	67	1	315	524	19	995
Total Inland (including the Great Lakes)	39	16	94	13	64	142	50	418
Total	114	104	666	72	415	707	92	2,170

TABLE 10. Number of Persons Killed or Injured in the Canadian Water Transportation Industry, by Type of Operator, by Division, 1954

	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	8	661	3	61	—	2	—	—	11	724	4	226,270
Pacific division	15	399	—	107	—	24	—	—	15	530	3	394,889
Inland (including the Great Lakes)	—	311	—	270	—	17	—	19	—	617	—	—
Total	23	1,371	3	438	—	43	—	19	26	1,871	7	621,159
Individual ownership and partnership												
Atlantic division	—	1	—	—	—	—	—	—	—	1	1	228,489
Pacific division	—	3	—	—	—	—	—	—	—	3	—	—
Inland (including the Great Lakes)	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	4	—	—	—	—	—	—	—	4	1	228,489
All operators												
Total Atlantic division	8	662	3	61	—	2	—	—	11	725	5	454,759
Total Pacific division	15	402	—	107	—	24	—	—	15	533	3	394,889
Total Inland (including the Great Lakes)	—	311	—	270	—	17	—	19	—	617	—	—
Total	23	1,375	3	438	—	43	—	19	26	1,875	8	849,648

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