S4-205





WATER TRANSPORTATION 1959

Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation Section

November, 1960 8504-530

Price 50 cents

Reports published by the Public Finance and Transportation Division dealing with

WATER TRANSPORT STATISTICS

Catalogue	Title	Price
number	Annual	
54 - 201	Canal Statistics	\$.75
54 - 202	Shipping Report, Part I-International Seaborne Shipping	1.50
54 - 203	Shipping Report, Part $\ \Pi-$ International Seaborne Shipping (Canadian port traffic)	.75
54-204	Shipping Report, Part III - Coastwise Shipping	.75
54 - 205	Water Transportation	.50
	Monthly	
54 - 001	Summary of Canal Statistics	a year
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WATER TRANSPORTATION

1959 MILLION DOLLARS	\$ FINANCIAL FACTS	1958 MILLION DOLLARS
246.4	Property Account (Net Value)	232.7 (revised)
298.4	Operating Revenues	298.6
296.4	Operating Expenses	298.0
27.9	Fuel Consumed (Cost)	33./
75.0	Total Wages and Salaries Paid	71.9
440.0	Vessels as at End of Season (Gross Value)	415.5 (revised)
0.9	Net Profits	2.7

WATER TRANSPORTATION 1959

INTRODUCTION

This report presents statistics covering the financial aspects of the water transportation industry in Canada. Statistics on the volume of freight carried by Canadian vessels in both international and coastwise shipping are presented in another publication of the Dominion Bureau of Statistics entitled "Shipping Report", Parts I, II and III. According to the "Shipping Report", in 1959 vessels of Canadian registry transported a total of 24.4 million short tons or 28.7 per cent of cargo loaded and unloaded at Canadian ports in international (foreign) trade, including traffic to and from the United States across the Great Lakes. In coastal trade, Canadian vessels carried approximately 87 per cent of a total of 39.7 million tons unloaded, No loading and unloading figures are available for inland rivers and lakes other than the Great Lakes but it may be presumed that Canadian vessels handled all freight in this area.

Source and Treatment of Data

Data presented in this report relate to the common carrier activities of vessels operating under Canadian registry. Vessels used solely by industrial companies for the transportation of their own cargoes and vessels classed as pleasure craft are excluded. Included for the first time in this report are statistics of ferries operated by the Canadian National Railways between North Sydney, N.S. and Newfoundland and between Yarmouth, N.S. and Bar Harbour, Maine.

A total of 331 operators submitted reports for 1959. This represented almost the entire water transportation industry. The majority of those not reporting were small operators with one or two vessels engaging in restricted or seasonal activities. Of the total reporting, 239 were incorporated companies while 92 were individual owners or partnerships. In 1958, reports were received from 358 operators. Of these, 251 were incorporated companies and 107 were individual owners or partnerships.

Statistics 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.

Completed company schedules are allocated to one of these divisions according to the area of service of the majority of vessels operated by the

company. In 1959 there were 169 reports for the Atlantic division, 108 for the Pacific, 39 for the Great Lakes and 15 for the Inland division.

Vessels

Canadian water transportation companies reported a total of 2,094 vessels in operation during the year of which 1,601 were owner-operated and 493 chartered. An additional 135 vessels were reported as not having been in operation during the year. Of the 2,094 vessels reported in service, 980 were operated in the Pacific division, 639 in the Atlantic division, 218 in the Great Lakes division and 257 in the Inland division.

In 1958, out of a total of 2,102 vessels reported in operation, 1,640 were owner-operated and 462 chartered. Of these, 977 were in service in the Pacific division, 618 in the Atlantic division, 253 in the Great Lakes division and 254 in the Inland division.

Property

For companies reporting in 1959, the total value of property before depreciation rose 5.6 per cent to \$481,442,664 from \$455,848,559 in 1958, due mainly to an increase of over \$24 million in the vessel account. The net value of property after depreciation was up 5.9 per cent to \$246,361,365 from \$232,670,472. The value of property in the Atlantic division was affected by the inclusion for the first time of the Canadian National ferries mentioned above. Substantial increases in the property account were shown for both the Atlantic and Great Lakes divisions while a decrease of almost 7 per cent was recorded in the Pacific division. The Inland division showed a slight decline.

Income Account

Total operating revenues declined to \$298,416,911 from \$298,647,672 in 1958, due largely to a drop of some 3 per cent in the Great Lakes division. Revenue from freight was down by \$1.3 million to \$227,340,755 from \$228,671,847 while charter revenue dropped \$4.5 million to \$16,271,269 from \$20,785,097. Partially offsetting these declines were increases in revenue from passengers, up to \$16,412,864 from \$14,678,418, towing, up to \$26,272,616 from \$25,886,452, and salvage and other revenues up to \$12,119,407 from \$6,625,858.

Gross income amounted to \$311,182,302 compared with \$311,644,829 in the previous year. Although total expenses were cut to \$300,981,874 from \$302,342,234, the net income after provision for income tax dropped to \$871,366 from \$2,671,824 in 1958.

Employees and Earnings

Total salaries and wages paid in the water transportation industry amounted to \$74,955,154 in 1959 as against \$71,878,080 in 1958. This represented the earnings of 23,192 employees compared with 21,457 in the previous year.

In addition to salaries and wages, employees received free board valued at \$4,902,839 in 1959 compared with \$5,591,991 in 1958 and free lodging for which no valuation was made. Owner operators reported withdrawals of \$201,239 as against \$323,497 in the previous year.

The average wage for vessel crews declined to \$3,412 from \$3,448 in 1958 while the average for dock and warehouse employees rose to \$2,889 from \$2,542.

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 were down 15.6 per cent to \$27,906,921 from \$33,089,641 in 1958. Decreases were recorded in the consumption of all fuels except gasoline. Fuel oil consumption dropped to 188,057,648 gallons from 217,605,437 in 1958, diesel oil declined to 67,983,828 gallons from 68,486,601 and coal consumption to 525,219 tons from 541,246. Gasoline consumption was up slightly to 451,377 gallons from 419,889.

The average cost of fuel oil dropped to 7.2 cents a gallon from 8.0 cents in 1958, diesel oil to 13.1 cents a gallon from 13.3 and coal to \$10.28 a ton from \$11.71 while the cost of gasoline rose to 31.1 cents a gallon from 30.9 cents.

Accidents

Accidents in the water transportation industry during 1959 resulted in 13 deaths and 1,744 injuries as against 16 deaths and 1,997 injuries in 1958. Two passengers were killed and 66 injured in 1959 compared with 44 injured but no fatalities in 1958.

Nine vessels valued at \$4,268,376 were lost during the year as against eight vessels valued at \$289,779 in the preceding year.

October 13, 1960.

TABLE I. Summary Property Assount of the Canadian Water Transportation Industry, 1959 and 1958

	Total as at end of year, 1958 (revised)	Gross additions during 1959	Retirements during 1959	Total as at end of year, 1959
		dollar	8	
Land	4,601,594	135, 212	179, 121	4, 557, 685
Vessels	415, 542, 452	45. 107, 603	20,605,509	440, 044, 546
Docks, wharves and warehouses	17,538,998	287,935	270,086	17,556,847
Other buildings	8, 231, 432	254, 028	53, 193	8,432,26
Supplies and spare equipment.	2,539,880	372, 935	238,707	2,674,108
Other	7,394,203	964,041	181,033	8, 177, 211
Totals	455, 848, 559	47, 121, 754	21, 527, 649	481, 442, 664
Less depreciation	223, 178, 087	¢ 0 u		235,081,299
Net value	232, 670, 472			246, 361, 365

^{...} Figures not applicable.

TABLE 2. Property Account of the Canadian Water Transportation Industry, by Type of Operator, by Division, 1959

	Land	Vessels	Docks wharves warehouses	Other buildings	Supplies and spare equipment	Other	Total	Accrued depreciation	Net value
					dollars				
Incorporated companies									
Atlantic division	200, 237	181, 349, 234	4, 828, 125	323, 190	393, 660	932, 594	188, 027, 040	80, 050, 926	107, 976, 114
Pacific division	762,373	77,877,666	4,389,651	556, 408	705, 131	1,054,742	85, 345, 971	35, 409, 296	49, 936, 675
Great Lakes division	3,486,850	165, 170, 5871	7, 605, 611	6,593,442	497, 320	4, 978, 837	188, 332, 647	106, 766, 3092	81, 566, 338
Inland division	87, 354	11,872,511	711, 292	928, 549	1,034,519	1, 141, 747	15, 775, 972	11,073,061	4, 702, 911
Totals	4,536,814	436, 269, 998	17,534,679	8,401,589	2,630,630	8,107,920	477, 481, 630	233, 299, 592	244, 182, 038
Individual ownership and partnership									
Atlantic division	11, 590	3, 368, 525	11,695	16, 745	35, 110	50, 129	3,493,794	1,535,901	1, 957, 893
Pacific division	6,875	313,917	_	_	5,789	4, 163	330, 744	180,422	150,322
Great Lakes division	-	15,668	1,000	_	650	1,200	18, 518	11,634	6,884
Inland division	2, 406	76, 438	9, 473	13, 933	1,929	13,799	117,978	53,750	64, 228
Totals	20, 871	3, 774, 548	22, 168	30,678	43,478	69, 291	3, 961, 034	1, 781, 707	2, 179, 327
All operators									
Total Atlantic division	211,827	184, 717, 759	4,839,820	339, 935	428,770	982, 723	191,520,834	81,586,827	109, 934, 007
Total Pacific division	769, 248	78, 191, 583	4,389,651	556,408	710,920	1,058,905	85,676,715	35,589,718	50, 086, 997
Total Great Lakes division	3,486,850	165, 186, 255	7,606,611	6,593,442	497,970	4,980,037	188, 351, 165	106, 777, 943	81,573,222
Total Inland division	89,760	11, 948, 949	720, 765	942, 482	1,036,448	1, 155, 546	15,893,950	11, 126, 811	4, 767, 139
Totals	4, 557, 685	440, 044, 546	17, 556, 847	8,432,267	2, 674, 108	8, 177, 211	481, 442, 664	235, 081, 299	246, 361, 365

Includes \$435,885 reported by Toronto Transit Commission in the Urban Transit Report. Includes \$255,001

TABLE 3. Income Account of the Canadian Water Transportation Industry, by Division, 1959

	Atlantic division	Pacific division	Great Lakes division	Inland division	Total
			dollars		
Operating revenue					
Passenger Freight Towing Salvage Storage Charter Other	3, 641, 966 131, 143, 082 3, 108, 702 558, 836 12, 756, 715 3, 526, 148	8, 482, 522 25, 348, 125 22, 543, 695 196, 156 241, 387 2, 362, 399 2, 793, 463	4,096,013 65,869,451 43,890 480,981 173,466 1,148,648 4,108,934	192, 363 4, 980, 097 576, 329 12, 247 3, 507 27, 789	16, 412, 864 227, 340, 755 26, 272, 616 1, 235, 973 427, 100 16, 271, 269 10, 456, 334
Total operating revenue	154, 735, 449	61, 967, 747	75, 921, 383	5, 792, 332	298, 416, 911
Other income	4, 411, 045	1, 153, 853	7, 114, 079	86,414	12, 765, 391
Gross income	159, 146, 494	63, 121, 600	83, 035, 462	5, 878, 746	311, 182, 302
Operating expenses					
Maintenance Operation Advertising Insurance Administration Depreciation Taxes (excluding income tax) Rentals	9, 134, 825 80, 176, 934 256, 879 5, 174, 253 7, 359, 475 8, 938, 248 158, 300 56, 389, 501	5,062,225 32,099,361 647,204 2,444,846 4,221,101 4,473,266 234,131 9,034,484	3, 629, 102 46, 309, 200 1, 154, 131 1,866, 171 3, 443, 918 7, 314, 270 56, 208 1,395, 852	614,884 3,101,526 9,228 248,892 425,152 937,697 35,139 8,805	18, 441, 036 161, 687, 021 2, 067, 442 9, 734, 162 15, 449, 646 21, 663, 481 483, 778 66, 828, 642
Total operating expenses	167, 588, 415	58, 216, 618	65, 168, 852	5, 381, 323	296, 355, 208
Other expenses	2,052.789	1, 164, 539	1, 356, 751	52, 587	4, 626, 666
Total expenses	169, 641, 204	59, 381, 157	66, 525, 603	5, 433, 910	300, 981, 874
Net income before income tax	Dr. 10, 494, 710	3, 740, 443	16, 509, 859	444,836	10, 200, 428
Less provision for income tax	280, 990	1, 143, 608	7,827,994	76, 470	9, 329, 062
Profit for year	Dr. 10, 775, 700	2, 596, 635	8, 681, 865	368, 366	871, 366

TABLE 4. Income Account of the Canadian Water Transportation Industry, by Type of Operator, by Bivision, 1952

		Incorporated companies Individual ownership and partnership										
	Atlantic division	Pacific division	Great Lakes division	Inland division	Atlantic division	Pacific division	Great Lakes division	Inland division	Grand total			
				do	llars							
Operating revenue												
Passenger Freight Towing Salvage Storage Charter Other	3, 571, 151 129, 026, 140 3, 108, 652 558, 836 — 12, 522, 050 3, 395, 825	8, 451, 892 25, 284, 332 22, 344, 982 196, 156 241, 387 2, 314, 133 2, 793, 463	4, 094, 013 65, 851, 451 39, 890 480, 981 173, 466 1, 145, 274 4, 105, 434	144, 022 4, 965, 680 575, 068 ————————————————————————————————————	70,815 2,116,942 50 234,665 130,323	30, 630 63, 793 198, 713 - 48, 266	2,000 18,000 4,000 	48, 341 14, 417 1, 261 — 120 773	16, 412, 864 227, 340, 755 26, 272, 616 1, 235, 973 427, 100 16, 271, 269 10, 456, 334			
Total operating revenue	152, 182, 654	61, 626, 345	75, 890, 509	5, 727, 420	2, 552, 795	341, 402	30, 874	64, 912	298, 416, 911			
Other income	4, 346, 685	1, 152, 836	7, 114, 079	85, 414	64, 360	1, 017	-	1,000	12, 765, 391			
Gross Income	156, 529, 339	62, 779, 181	83, 004, 588	5, 812, 834	2, 617, 155	342, 419	30, 874	65, 912	311, 182, 302			
Operating expenses												
Maintenance Operation Advertising Insurance Administration Depreciation Taxes (excluding income tax) Rentals	8,689,275 79,039,018 254,835 4,963,071 7,240,391 8,645,718 149,779 56,382,543	5, 008, 641 31, 955, 581 647, 129 2, 431, 541 4, 206, 890 4, 464, 938 233, 456 9, 015, 094	3, 624, 461 46, 294, 251 1, 154, 061 1, 865, 694 3, 443, 918 7, 313, 522 56, 208 1, 395, 852	609,629 3,077,842 8,717 246,950 420,767 930,188 34,785 8,320	445,550 1,137,916 2,044 211,182 119,084 292,530 8,521 6,958	53, 584 143, 780 75 13, 305 14, 211 8, 328 675 19, 390	4, 641 14, 949 70 477 748	5, 255 23, 684 511 1, 942 4, 385 7, 509 354 485	18, 441, 036 161, 687, 021 2, 067, 442 9, 734, 162 15, 449, 646 21, 663, 481 483, 778 66, 828, 642			
Total operating expenses	165, 364, 630	57, 963, 270	65, 147, 967	5, 337, 198	2, 223, 785	253, 348	20, 885	44, 125	296, 355, 208			
Other expenses	2, 007, 197	1, 163, 340	1, 355, 955	52, 587	45, 592	1, 199	796	-	4, 626, 666			
Total expenses	167, 371, 827	59, 126, 610	66, 503, 922	5, 389, 785	2, 269, 377	254, 547	21, 681	44, 125	300, 981, 874			
Net income before income tax	Dr. 10,842,488	3, 652, 571	16, 500, 666	423, 049	347,778	87,872	9, 193	21,787	10, 200, 428			
Less provision for income tax	253, 309	1, 140, 541	7, 826, 853	76, 196	27, 681	3,067	1, 141	274	9, 329, 061			
Profit for year	Dr. 11, 095, 797	2, 512, 030	8, 673, 813	346, 853	320, 097	84, 805	8, 052	21, 513	871, 366			

TABLE 5. Number of Employees and Earnings in the Canadian Water Transportation Industry, by Type of Operator, by Division, 1959

	Ve	essel crews		Dock and w employ			ministration loyees
	Number	Salar and wa		Number	Salaries and wages	Number	Salaries and wages
Incorporated companies		\$			\$		\$
Atlantic division Pacific division Great Lakes division Inland division	6.2 3,0 4.6	80 12,77 80 16,14	6.914 7.987 1.797 0,333	2, 50 2 339 1, 405 270	7.063.486 1,407.679 4,040.840 545,021	747 435 432 135	3,537,692 2,674,140 2,478,365 548,782
Totals	14,5	26 50, 19	7,031	4, 516	13,057,026	1,749	9, 238, 979
Individual ownership and partnership							
Atlantic division Pacific division Great Lakes division Inland division		22 9	0.827 6.447 0.680 8.878	5 1	4.698 1,191	6 1 - 1	10.762 1.384 992
Totals	3	86 68	6,832	6	5,889	6	13, 138
All operators				10 00			
Total Atlantic division Total Pacific division Total Great Lakes division Total Inland division	6, 6 3, 1 4, 6 4	02 12,87 97 16,15	4,434	2,507 339 1,406 270	7,068,184 1,407,679 4,042,031 545,021	753 436 432 136	3,548,454 2,675,524 2,478,365 549,774
Totals	14,9	12 50,88	3,863	4,522	13,062,915	1,757	9, 252, 117
	Other e	Other employees		Total	Entre-		Amount of
	Number	Salaries and wages	Number	Salaries and wages	preneurial withdrawals not included in total	Value of meals supplied	salaries paid t employees wit home address in Canada
Incorporated companies		\$		\$	\$	\$	\$
Atlantic division Pacific division Great Lakes division Inland division	24 862 893 221	69,079 715,824 629,567 340,989	9.563 4.716 7.410	17,575,630 23,290,569	0 4 0 0 7 7 4 0 0	2,057,171 826,737 1,759,136 175,915	28,767,539 17,095,347 23,184,365 2,784,037
Totals	2,000	1,755,459	22,79			4,818,959	71,831,288
Individual ownership and partnership Addition Pacific division Lakes division Pland division	- - 1	180	362 2:	97, 831 11, 871	150,008 31,249 6,452 13,530	79, 186 4, 694	535, 303 97, 831 11, 871 10, 490
Totals	1	800	40		201,239	83,880	655, 495
All operators							
Total Atlantic division Total Pacific division Total Great Lakes division Total Inland division	24 862 893 222	69, 259 715, 824 629, 567 341, 609	9.924 4.739 7.418 1,111	17,673,461	150.008 31.249 6.452 13.530	2, 136, 357 831, 431 1, 759, 136 175, 915	29,302,842 17,193,178 23,196,236 2,794,527
Totals	2,001	1.756,259	23. 19	74.955.154	201, 239	4.902.839	72,486,783

^{...} Figures not applicable.

TABLE 6. Expenditures on Fuel and Amount Consumed by Canadian Marine Operators, by Type of Operator, by Division, 1959

	Coal	(tons)	Fuel oil (galions)	Diesei oil	(gallons)	Gasoline	(gallons)	Other	Total
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	fuel	cost
Incorporated companies		\$		\$		\$		\$	\$	\$
Atiantic division Pacific division Great Lakes division Inland division	136, 758 1, 335 386, 131 700	1,642,756 22,038 3,710,537 17,620	127, 743, 452 24, 273, 034 34, 491, 282 1, 081, 796	8,755,501 1,703,435 2,724,601 194,981	41,172,136 19,073,581 6,081,722 541,131	4,560,203 3,236,096 815,480 99,811	7,319 173,052 54,480 154,187	2.347 51,004 14.934 51,222	70 59	14,960,807 5,012,643 7,265,611 363,634
Totals	524, 924	5,392,951	187, 589, 564	13, 378, 518	66, 868, 570	8,711,590	389,038	119,507	129	27, 602, 69
Individual ownership and partnership										
Atlantic division Pacific division Great Lakes division Inland division	295 _ _ _	5,530	467, 284 800	77. 793 200 —	931,983 176,329 900 6,046	166, 905 31, 516 189 1, 338	30,008 7,426 6,082 18,823	8.943 1.881 1.509 8.422		259, 171 33, 597 1, 698 9, 760
Totals	295	5,530	468,084	77, 993	1,115,258	199,948	62,339	20,755	-	304, 226
All operators										
Total Atlantic division Total Pacific division Total Great Lakes division Total Inland division	137, 053 1, 335 386, 131 700	1,648,286 22,038 3,710,537 17,620	128. 210. 736 24. 273. 834 34. 491. 282 1, 081. 796	8,833,294 1,703,635 2,724,601 194,981	42, 104, 119 19, 249, 910 6, 082, 622 547, 177	4,727,108 3,267,612 815,669 101,149	37.327 180.478 60.562 173.010	11,290 52,885 16,443 59,644	70 59	15.219,976 5.046,240 7.267,309 373,394
Totals	525, 219	5, 398, 481	188, 057, 648	13, 456, 511	67, 983, 828	8, 911, 538	451, 377	140, 262	129	27, 996, 92

TABLE 7. Vessels Owned or Chartered in Operation during and at End of Season, by Canadian Marine Operators, by Type of Operator, by Division, 1959

by T	Гуре	of O	perat	or, b	y Div	isic	on, 1	959								
			Passe	nger			1	Passe	nger a	and fre	ight			Frei	ght	
	Tota		operati At		Own	els	Tot	-	operat	ion end	Owned vessels not	Tot		operat At (Owned vessel not
	seas	son	of se	ason	opera	ted ng	sea	son	of se	ason	operated during	sea	son	of se	ason	operated during
	O ₁	C ²	0	С	seas	OII	0	С	0	С	season	0	С	0	С	season
Incorporated companies																
Atlantic division Pacific division	10	_	10	_		4	53 29	63	54 23	48	3 2	134	121 53	126	52 17	23
Great Lakes division	16	-	14	_		2	12	_	12	-		126	10	121	3	22
Inland division	1	_	1	_			15	-	15	_	_	3	-	3	-	-
Totals	38	_	35	_		6	109	69	104	52	5	271	184	257	72	45
Atlantic division	6		6	_		_	37	_	37	_	_	48	-	48	_	4
Pacific division	I	-	1	_		1	_	-	-	-	_	-	-	-	-	-
Great Lakes division	3	_	3	_		_	5	_	5	_	_	_	_	_	_	_
Totals	10	-	10	-		1	42	_	42	_	_	48	-	48	_	4
Total vessels																
Atlantic division	16	-	16	_		4	90	63	91	48	3	182	121	174	52	27
Pacific division Great Lakes division	12 16	_	11 14	_		1 2	29 12	6	23 12	4	2	126	53	121	17	22
Inland division	4	-	4	-		-	20	-	20	-	_	3	-	3	_	_
Totals	48	-	45	-		7	151	69	146	52	5	319	184	305	72	45
			Tani	ker					Tu	gs			Tow b	arges	and s	cows
	Tot	al in	operat:	ion	Own		Tota	al in	operat	ion	Owned	Tot	al in	operat	ion	Owned
and the second s	Dur	ing	At e		vess		Dur		At		vessels		ing		end	vessels
	sea	son	of se	ason	opera	ted	sea	son	of se	ason	operated	sea	son	of se	eason	operated
	0	С	0	С	duri		0	C	0	C	during	0	C	0	C	during
Incorporated companies																
Atlantic division	37	13	36	13		5	38	_	37	_	3	39	1	36	_	12
Pacific division		2	-	2		-	252	46	241	44	26	380	172	375	164	
Great Lakes division	20	1	13	1		_1	4 45	2	45	- 1	8	12	_	12		
Totals	57	16	49	16		6	339	49	327	45	38	580	173	572	164	(3)
Individual ownership and partnership																
Atlantic division.	-	-	-	-		-	3	-	3	-	-	12	-	12	_	_
Pacific division	1	_	1	_		_	8 2	_	8	_	2	_	_		_	
Inland division	-	_	-	-		-	6	-	6	-		6	-	6	_	_
Totals	1	_	1	-		-	19	-	17	-	2	18	-	18	-	_
Total vessels																
Atlantic division Pacific division	37	I3 2	36	13		5	260	46	40 249	44	3 28	51 380	172	48 375	164	15
Great Lakes division	20	1	13	1		1	6	2	4	-	1	12	-	12	-	_
Inland division	_	_	-	_		-	51	1	51	1	8	155	-	155	-	_
Totals	58	16	50	16		6	358	49	344	45	40	598	173	590	164	23
			Mis	cella	neous	vess	els					Total	all ve	essels		
		T	otal in	operi	ation			Own	ed		Total	in ope	ration			Owned
		Durin	0		At e	nd		vess			During		At	end		vessels
		seaso			of sea			opera	ted		season			ason		operated
	0		C	(0	C		duri		0	C		0	C		during season
Incorporated companies								-		-						
Atlantic division.		10	_		6		_		3	3	21 1	98	305		1 13	56
Pacific division		10	1		11		-		-	6	90 2	80	667		231	38
Great Lakes division		12 22	-1		12 22		1		2		02 35	13	188 235		4 2	20
Totals		54	2		51		1		5	1,4			, 395	1	350	12
Individual ownership and partnership																
Atlantic division		14	-		14		-		-		20	-	120		-	4
Pacific division		-1	_		- 1		_		-1		10		10			
Inland division		-	-		-		-					-	20		-	
Totals		15	-		15		-		1	1	53		151		-	
Total vessels																
Atlantic division		24	_		20 11		-		3			98	425		113	6
Atlantic division									-	1	00 2	80	677	1	231	3
Pacific division		10 13	1		13		_		1			13	189		4	2'
							1		1 2		55	13	189 255		2	10

¹ O - Owned. ² C - Chartered.

TABLE 8. Vessels Operated by Canadian Marine Operators, by Type of Operator, by Division, 1959

		Miscel-	Total					
	Passenger	Passenger and freight	Freight	Tanker	Tugs	Tow barges and scows	laneous vessels	operated
incorporated companies			100					
Atlantic division	10	116	255	50	38	40	10	51
Pacific division	11	35	61	2	298	552	11	97
Great Lakes division	16	12	136	21	6	12	12	21
Inland division	1	15	3	-	46	149	23	23
Totals	38	178	455	73	388	753	56	1, 94
Individual ownership and partnership			- 3					
Atlantic division	6	37	48		3	12	14	1:
Pacific division	1	_	_	1	8	_	-	
Great Lakes division	_	-	-	-	2	_	1	
Inland division	3	5	-	-	6	6	_	
Totals	10	42	48	1	19	18	15	1
All operators		144						
Total Atlantic division	16	153	303	50	41	52	24	63
Total Pacific division	12	35	61	3	306	552	11	98
Total Great Lakes division	16	12	136	21	8	12	13	21
Total Inland division	4	20	3	-	52	155	23	25
Totals	48	220	503	74	407	771	71	2, 09

TABLE 9. Number of Persons Killed or Injured in the Canadian Water Transportation Industry, by Type of Operator, by Division, 1959

		nbers		Other employees		engers		ther sons	Total		V	essels iost
	Killed	Killed Injured K		Injured	Killed	Injured	Killed	Injured	Killed	Injured	No.	Value
											52.1	\$
Incorporated companies												
Atlantic division	4	398	_	74	2	35	_	1	6	508	1	80,000
Pacific division	3	299	_	44	_	25	_		3	368	5	4,175,448
Great Lakes division	2	417	_	319	-	6	_	-	2	742	-	
Inland division	1	41	_	78	-		-	1	1	120	-	_
Totals	10	1, 155	-	515	2	66	-	2	12	1,738	6	4, 255, 448
Individual ownership and partnership												
Atlantic division	1	4	_	_	_	_	_	_	1	4	1	8, 250
Pacific division	_	_	_	_	-	-	_	_	_	_	_	_
Great Lakes division	-	-	-	-	-	-	_	1	_	1	1	4, 166
Inland division	_	1	_	_	-	-	-	-	-	1	1	510
Totals	1	5	-	-	-	-	-	1	1	6	3	12, 928
All operators												
Total Atlantic division	5	402	_	74	2	35	_	1	7	512	2	68, 250
Total Pacific division	3	299	-	44	-	25	desp	-	3	368	5	4, 175, 448
Total Great Lakes division	2	417	-	319	-	8	-	1	2	743	1	4,168
Total Inland division	1	42	-	78	-		-	1	1	121	1	510
Totals	11	1, 160	-	515	2	66	_	3	13	1,744	9	4, 268, 376

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