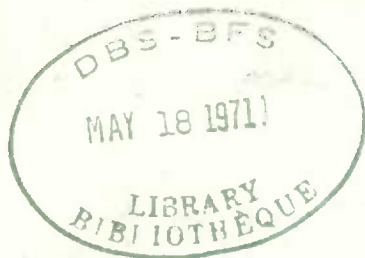


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WATER TRANSPORTATION

1969

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SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

WATER TRANSPORTATION

1969

INTRODUCTION

This publication presents financial, employment and operating statistics on firms comprising the Canadian water transportation industry.

Source

The Dominion Bureau of Statistics has compiled a list of companies and individuals engaged in the water transportation industry to form the basis of the annual Water Transportation Survey. Establishments reporting fall under Industry No. 504 of the Standard Industrial Classification. The owners and operators of fishing vessels and pleasure craft are excluded in this survey.

Treatment of Data

In this publication, establishments are divided into three major categories:

For-hire carriers, both common and contract, are Canadian incorporated companies or individuals engaged primarily in the business of transporting passengers or goods by water for compensation. These carriers may operate self-owned and/or chartered vessels, and are presented in Tables 1 through 18.

Owners leasing vessels under bareboat charter, are also Canadian domiciled and charter their vessels to others for an agreed period of time and with a transfer of the management responsibility over the ship, its manning, use and operating requirements. Statistics relating to this category form Tables 19, 20 and 21.

Private carriers are defined as an operating division of a firm or conversely a separately incorporated company which serves primarily to transport the goods of the parent firm as an integral part of total operations. Information detailing this category is contained in the final pages of this publication, commencing with Table 22.

The for-hire carriers are classed according to annual operating revenue as follows:

Class I – Operating revenues over \$500,000.

Class II – Operating revenues between \$50,000 and \$500,000.

Class III – Operating revenues under \$50,000.

Each of the establishments included in the for-hire and private categories is allocated to a geographical division in accordance with the region served by all or the majority of the vessels operated by the carrier:

The **Atlantic Division** is made up of those carriers whose principal region of operation is the waters adjacent to the Atlantic Coast and that portion of the St. Lawrence River which is east of "inland waters".

The **Inland Division** consists of all carriers whose principal region of operation is the "inland waters", which is defined by the Canadian Shipping Act as being all rivers, lakes and other navigable fresh waters within Canada, including the St. Lawrence River as far seaward as a straight line drawn:

(a) from Cap des Rosiers to West Point, Anticosti Island, and

(b) from Anticosti Island to the north shore of the St. Lawrence River along the meridian of longitude sixty-three degrees west.

The **Pacific Division** is made up of those carriers whose principal region of operation is the waters adjacent to the Pacific Coast.

The **Ocean-going Division** consists of all carriers who engage in world-wide trade.

Summary of Establishments Reporting in 1969

For-hire Carriers = 264 (Class I = 70; Class II = 106; Class III = 88; Atlantic = 56; Inland = 117; Pacific = 42; Ocean = 9)

Bareboat Charterers = 66

Private Carriers = 50 (Atlantic = 5; Inland = 23; Pacific = 18; Ocean = 4)

ANALYSIS OF DATA

For-hire Carriers

In 1969, the operating revenues of firms surveyed in this report declined slightly to \$402 million from the \$408 million in 1968. Major contributory factors were an iron-ore strike, as well as lower wheat movements. There was also a smaller decline in reported expenses, resulting in a net income before provision for income taxes of \$15,409,192 as compared to \$19,370,181 in 1968.

Operating revenues for Class I carriers remained fairly constant at the \$382 million mark in 1969, there also being no substantial change on a divisional basis. A drop of \$5 million in revenue was experienced by Class II carriers of which almost 60 per cent was due to the Pacific Division. Subsidies to all for-hire carriers rose slightly to \$29,315,802 in 1969, compared to \$29,195,443 in 1968.

At the end of the year, for-hire carriers had an original investment of \$701,821,368 and after depreciation, reported \$422,340,737 as the value for the vessels and other facilities contributing to their operations. Net income in terms of this value after depreciation was 3.5 per cent before income taxes, compared to 4.5 per cent in 1968. Additions to fleets was reported at \$54,044,060, compared to \$55,039,815 in 1968. A substantial amount of this sum went to purchase existing craft from other owners, this being partially reflected in the \$35,527,054 figure reported for vessel retirements.

One of the major cost elements was labour which was \$109,327,658 in 1969 or 26.1 per cent of operating expense. The corresponding 1968 figure was \$106,647,974 or 25.3 per cent. The for-hire carriers employed 16,085 persons, down 800 from the previous year, in part reflecting further mechanization in the industry and partly contracting work out. Vessel crew numbers fell from 11,614 in 1968 to 11,091 persons in 1969. The average wage per person stood at \$6,415 compared to \$5,965 in 1968.

Fewer injuries, but more losses of life were recorded than in 1968; there were 13 fatalities and 1,502 injuries compared to 7 fatalities and 1,585 injuries in 1968. Four vessels, one less than in 1968 were sunk or written off in accidents; their value was \$86,889, compared to \$633,754 in 1968. Most accidents again occurred among the ranks of vessel crews. Some 1,051 crew members, or 9.0 per cent of all persons serving aboard vessels suffered some form of injury, compared to 9.8 per cent in 1968. The accident rate among firms surveyed was however 8.7 per cent, up from the 6.1 per cent in 1968. The Inland Division, with the largest labour strength recorded a total of 5 deaths and 825 injuries.

Self operated vessels, including those chartered from others, were reported at 1,565 for 1969, compared to 1,631 for 1968.

Bareboat Charters

Respondents exclusively chartering their floating equipment bareboat, reported revenues of \$8,580,142, up from the \$7,977,187 in 1968. Net profit before income taxes rose slightly to \$1,756,769 in 1969 from \$1,662,690 in the previous year. The number of active vessels in this category was 182 compared to 151 in 1968 and 181 in 1967.

Private Carriers

This group of 50 carriers operated 303 vessels, entailing costs of \$34.5 million plus charter fees of \$27.2 million in 1969. These companies employed 1,717 persons with an annual wage bill of \$14,220,503. The transportation of their own goods or those of the parent company entailed operating expenses of \$92,369,310 in 1969 as against \$90,377,531 in 1968.

WATER TRANSPORTATION

	Operators			Owners chartering bareboat to others	Total	Private carriers	
	Owned and/or chartered vessels						
	Class I	Class II	Class III				
1968							
Operators and owners	No.	72	104	107	79	362	51
Vessels ¹	"	1,199	299	133	151	1,782	323
Employees	"	15,818	1,675	389	12	17,894	1,928
Operating revenue	\$	382,918,854	22,398,404	2,911,038	7,977,187	416,205,483	N/A
Net income before income tax	\$	17,789,243	1,370,717	210,221	1,662,690	21,032,871	N/A
Salaries and wages	\$	95,777,278	9,681,557	1,189,139	89,296	106,737,270	14,167,702
Property:							
Original cost	\$	670,152,946	30,138,988	5,091,018	91,549,713	796,932,665	79,300,431
Accrued depreciation	\$	261,273,258	13,642,781	2,580,073	43,637,628	321,133,740	40,458,606
Depreciated value	\$	408,879,688	16,496,207	2,510,945	47,912,085	475,798,925	38,841,825
1969							
Operators and owners	No.	70	106	88	66	330	50
Vessels ¹	"	1,191	259	115	182	1,747	303
Employees	"	15,456	1,311	274	44	17,085	1,717
Operating revenue	\$	382,190,688	17,401,018	2,016,206	8,580,142	410,188,054	N/A
Net income before income tax	\$	14,306,786	1,161,098	Dr. 58,692	1,756,769	17,165,961	N/A
Salaries and wages	\$	100,794,003	7,671,932	861,723	305,242	109,632,900	14,220,503
Property:							
Original cost	\$	666,813,000	30,755,575	4,252,793	78,614,950	780,436,318	96,082,523
Accrued depreciation	\$	263,763,420	13,487,866	2,229,345	32,276,643	311,757,274	43,711,872
Depreciated value	\$	403,049,580	17,267,709	2,023,448	46,338,307	468,679,044	52,370,651

¹ Excludes the counts of vessels in Table 3, in order to avoid duplication.

TABLE 1. Self-operated Owned Vessels, at End of Year, Class I and Class II, For-hire Carriers, by Division, 1969

	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	Total
Canadian and non-Canadian registry									
number									
Class I:									
Division:									
Atlantic	12 ²	13	—	—	2	13	13 ³	2	55
Inland	116 ²	4	—	19	4	78	136	13	370
Pacific	4	5	9	—	22	205	373	30	648
Ocean-going	4 ²	—	—	—	—	4	11	—	19
Totals	136	22	9	19	28	300	533	45	1,092
Class II:									
Division:									
Atlantic	11	2	2	—	1	4 ¹	3	—	23
Inland	17	6	20	2	13	30	8	9	105
Pacific	5	1	8	—	2	68	6	3	93
Ocean-going	1 ¹	—	—	—	—	—	—	—	1
Totals	34	9	30	2	16	102	17	12	222
Class I and Class II:									
Division:									
Atlantic	23 ¹	15	2	—	3	17 ¹	16 ¹	2	78
Inland	133 ²	10	20	21	17	108	144	22	475
Pacific	9	6	17	—	24	273	379	33	741
Ocean-going	5 ³	—	—	—	—	4	11	—	20
Totals	170	31	39	21	44	402	550	57	1,314

¹ Includes 1 non-Canadian registry.

² " " 2 " " " "

³ " " 3 " " " "

TABLE 2. Owned Vessels Chartered to Others, at End of Year, Class I and Class II, For-hire Carriers, by Division, 1969

	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	Total
Canadian and non-Canadian registry									
number									
Class I:									
Division:									
Atlantic	1	—	—	3	—	2	1	—	7
Inland	1	—	—	—	—	3	11	—	15
Pacific	1	1	—	—	—	4	1	—	7
Ocean-going	2 ¹	—	—	—	—	—	—	—	2
Totals	5	1	—	3	—	9	13	—	31
Class II:									
Division:									
Atlantic	8 ¹	—	—	—	—	—	—	—	8
Inland	4	—	—	—	—	7	5	—	16
Pacific	—	—	—	—	1	9	—	—	10
Ocean-going	1	—	—	—	—	—	—	—	1
Totals	13	—	—	—	1	16	5	—	35
Class I and Class II:									
Division:									
Atlantic	9	—	—	3	—	2	1	—	15
Inland	5	—	—	—	—	10	16	—	31
Pacific	1	1	—	—	1	13	1	—	17
Ocean-going	3 ¹	—	—	—	—	—	—	—	3
Totals	18	1	—	3	1	25	18	—	60

¹ Includes 1 non-Canadian registry.

TABLE 3. Vessels Chartered from Canadian¹ Owners, at End of Year, Class I and Class II, For-hire Carriers, by Division, 1969

	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	Total
Canadian and non-Canadian registry									
number									
Class I:									
Division:									
Atlantic	46	1	—	—	4	6	11	—	68
Inland	5	—	—	1	—	3	—	—	9
Pacific	3	2	—	1	—	33	166	5	210
Ocean-going	3	2 ¹	—	—	—	—	—	—	5
Totals	57	5	—	2	4	42	177	5	292
Class II:									
Division:									
Atlantic	1	1	—	—	2	—	—	—	4
Inland	1	1	—	—	—	—	1	—	3
Pacific	1	1	—	—	—	7	—	—	9
Ocean-going	—	—	—	—	—	—	—	—	—
Totals	3	3	—	—	2	7	1	—	16
Class I and Class II:									
Division:									
Atlantic	47	2	—	—	6	6	11	—	72
Inland	6	1	—	1	—	3	1	—	12
Pacific	4	3	—	1	—	40	166	5	219
Ocean-going	3	2 ¹	—	—	—	—	—	—	5
Totals	60	8	—	2	6	49	178	5	308

¹ Canadian owners are Canadian incorporated companies or individuals.

² Includes 3 non-Canadian registry.

TABLE 4. Vessels Chartered from Non-Canadian¹ Owners, at End of Year, Class I and Class II, For-hire Carriers, by Division, 1969

	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	Total
Canadian and non-Canadian registry									
number									
Class I:									
Division:									
Atlantic	—	—	—	—	—	—	—	—	—
Inland	5	—	—	—	—	—	—	—	5
Pacific	—	—	—	—	—	—	—	—	—
Ocean-going	42 ¹	21 ³	—	—	—	—	—	—	63
Totals	47	21	—	—	—	—	—	—	68
Class II:									
Division:									
Atlantic	—	—	—	—	—	—	—	—	—
Inland	—	—	—	—	—	—	—	—	—
Pacific	—	—	—	—	—	—	—	—	—
Ocean-going	2	—	—	—	—	—	—	—	2
Totals	2	—	—	—	—	—	—	—	2
Class I and Class II:									
Division:									
Atlantic	—	—	—	—	—	—	—	—	—
Inland	5	—	—	—	—	—	—	—	5
Pacific	—	—	—	—	—	—	—	—	—
Ocean-going	44 ²	21 ³	—	—	—	—	—	—	65
Totals	49	21	—	—	—	—	—	—	70

¹ Non-Canadian owners are non-Canadian incorporated companies or individuals.

² Includes 42 non-Canadian registry.

³ " " 21 " " " " " " " " " "

TABLE 5. Number of Owned Vessels Inactive during Entire Year,
Class I and Class II, For-hire Carriers, by Division, 1969

	Freight	Passenger and freight	Passenger	Tanker	Ferry
Canadian registry					
number					
Class I:					
Division:					
Atlantic	1	-	-	-	-
Inland	7	1	-	1	-
Pacific	-	-	-	-	-
Ocean-going	-	-	-	-	-
Totals	8	1	-	1	-
Class II:					
Division:					
Atlantic	1	-	-	-	-
Inland	4	-	2	-	2
Pacific	-	-	-	-	-
Ocean-going	-	-	-	-	-
Totals	5	-	2	-	2
Class I and Class II:					
Division:					
Atlantic	2	-	-	-	-
Inland	11	1	2	1	2
Pacific	-	-	-	-	-
Ocean-going	-	-	-	-	-
Totals	13	1	2	1	2
	Tug	Tow barge or scow	Other	Total	
Canadian registry					
number					
Class I:					
Division:					
Atlantic	-	-	-	3	4
Inland	17	-	2	-	28
Pacific	3	-	4	-	7
Ocean-going	-	-	-	-	-
Totals	20	-	6	3	39
Class II:					
Division:					
Atlantic	-	-	-	-	1
Inland	5	-	8	1	22
Pacific	4	-	1	-	5
Ocean-going	-	-	-	-	-
Totals	9	-	9	1	28
Class I and Class II:					
Division:					
Atlantic	-	-	-	3	5
Inland	22	-	10	1	50
Pacific	7	-	5	-	12
Ocean-going	-	-	-	-	-
Totals	29	-	15	4	67

**TABLE 6. Number of Employees, and Salaries and Wages of Employees,
Class I and Class II, For-hire Carriers, by Division, 1969**

	Vessel crews		Dock and warehouse employees		Office and administrative employees	
	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages
		\$		\$		\$
Class I:						
Division:						
Atlantic	1,925	11,996,816	1,715	6,977,908	181	1,191,869
Inland	4,071	29,229,221	825	5,827,137	534	4,727,300
Pacific	3,485	25,347,716	582	3,543,280	438	3,792,201
Ocean-going	333	1,667,991	14	154,327	371	3,050,067
Totals	9,814	68,241,744	3,136	16,502,652	1,524	12,761,437
Class II:						
Division:						
Atlantic	236	1,119,343	13	74,752	24	181,522
Inland	479	2,568,170	80	265,270	67	491,170
Pacific	325	2,397,421	10	58,800	54	369,614
Ocean-going	-	-	-	-	-	-
Totals	1,040	6,084,934	103	398,822	145	1,042,306
Class I and Class II:						
Division:						
Atlantic	2,161	13,116,159	1,728	7,052,660	205	1,373,391
Inland	4,550	31,797,391	905	6,092,407	601	5,218,470
Pacific	3,810	27,745,137	592	3,602,080	492	4,161,815
Ocean-going	333	1,667,991	14	154,327	371	3,050,067
Totals	10,854	74,326,678	3,239	16,901,474	1,669	13,803,743
	Other employees		Total		Value of meals supplied	
	Number	Salaries and wages	Number	Salaries and wages		
		\$		\$	\$	
Class I:						
Division:						
Atlantic	148	406,513	3,969	20,573,106	441,646	
Inland	417	884,319	5,847	40,667,977	2,138,222	
Pacific	412	1,919,338	4,917	34,602,535	603,829	
Ocean-going	5	78,000	723	4,950,385	215,011	
Totals	982	3,288,170	15,456	100,794,003	3,398,708	
Class II:						
Division:						
Atlantic	-	-	273	1,375,617	74,592	
Inland	15	111,510	641	3,436,120	116,751	
Pacific	8	34,360	397	2,860,195	109,904	
Ocean-going	-	-	-	-	-	
Totals	23	145,870	1,311	7,671,932	301,247	
Class I and Class II:						
Division:						
Atlantic	148	406,513	4,242	21,948,723	516,238	
Inland	432	995,829	6,488	44,104,097	2,254,973	
Pacific	420	1,953,698	5,314	37,462,730	713,733	
Ocean-going	5	78,000	723	4,950,385	215,011	
Totals	1,005	3,434,040	16,767	108,465,935	3,699,955	

TABLE 7. Revenue and Expense, Class I and Class II, For-hire Carriers, by Division, 1969

No.		Class I				Total
		Division				
		Atlantic	Inland	Pacific	Ocean-going	
		dollars				
	Operating revenue:					
1	Freight	18,488,393	118,275,341	23,290,323	131,455,009	291,509,066
2	Passenger	4,684,548	1,566,187	16,123,228	110,094	22,484,057
3	Towage	2,925,090	2,982,471	42,193,827	—	48,101,388
4	Charter of Canadian-flag vessels	621,399	1,478,643	2,340,288	1,085,208	5,525,538
5	Charter of non-Canadian-flag vessels	598,925	—	—	922,869	1,521,794
6	Terminal operation	1,636,589	1,405,862	352,191	—	3,394,642
7	Mail	328,770	8,960	5,317	9,601	352,648
8	Agency fees, commissions, and brokerage	135,695	252,342	19,598	632,101	1,039,736
9	Other	1,919,867	1,062,648	5,030,583	248,721	8,261,819
10	Total operating revenue	31,339,276	127,032,454	89,355,353	134,463,603	382,190,688
	Operating expense:					
	Transportation:					
11	Vessel	17,770,082	50,764,530	45,121,140	7,767,999	121,423,751
12	Charter of Canadian-flag vessels	5,030,191	4,178,279	6,345,845	647,839	16,202,154
13	Charter of non-Canadian-flag vessels	509,795	—	—	56,535,430	57,045,224
14	Canal tolls	500	5,062,557	—	738,140	5,801,197
15	Pilotage	227,689	1,625,155	—	605,149	2,457,993
16	Agency fees, commissions, and brokerage	225,666	670,715	9,404	5,158,811	6,064,596
17	Towage	899,964	1,164,332	1,890,421	386,624	4,341,341
18	Wharfage, anchorage, and dockage	247,813	1,060,773	858,757	5,536,857	7,705,200
19	Other port	355,003	743,934	150,947	2,090,274	3,340,158
20	Lay-up and fit-out	4,766,772	1,735,010	4,923,028	1,665,283	13,090,093
21	Other	1,125,377	4,713,826	474,936	2,948,313	9,262,452
	Terminal:					
22	Stevedoring	9,666,323	6,109,112	898,743	30,755,680	47,429,858
23	Salaries and wages	4,874,782	2,337,044	4,485,770	162,562	11,860,158
24	Other	1,734,843	7,115,112	1,537,759	1,780,985	12,168,699
	General:					
	Depreciation:					
25	Vessels and floating equipment	1,180,686	17,523,152	4,303,018	1,270,668	24,277,524
26	Other property	256,528	1,221,536	453,541	193,118	2,124,723
27	Salaries and wages	1,227,191	4,760,208	3,986,875	3,156,152	13,130,426
28	Traffic	209,948	906,256	991,052	1,147	2,108,403
29	Insurance	1,428,371	7,824,250	3,443,607	2,909,080	15,605,308
30	Interest	652,506	5,063,890	1,600,124	622,193	7,938,713
31	Other	4,569,043	3,720,816	3,728,205	4,647,330	16,665,394
32	Total operating expense	56,959,073	128,300,487	85,204,172	129,579,634	400,043,366
33	Net operating revenue	Dr. 25,619,797	Dr. 1,268,033	4,151,183	4,883,969	Dr. 17,852,676
34	Subsidies	27,108,543	663,239	488,614	—	28,260,396
35	Other income	717,453	2,596,577	1,122,997	519,483	4,956,510
36	Other expense	172,033	421,514	230,015	233,680	1,057,442
37	Net income before income tax	2,034,166	1,570,269	5,532,779	5,169,572	14,306,786
38	Provision for income tax	994,291	1,027,538	1,530,141	2,838,964	6,390,934
39	Net income	1,039,875	542,731	4,002,638	2,330,608	7,915,852

WATER TRANSPORTATION

TABLE 7. Revenue and Expense, Class I and Class II, For-hire Carriers, by Division, 1969

Class II				Class I and II						No.
Division				Total	Division				Total	
Atlantic	Inland	Pacific	Ocean-going		Atlantic	Inland	Pacific	Ocean-going		
dollars										
1,508,820	2,804,806	463,524	—	4,777,150	19,997,213	121,080,147	23,753,847	131,455,009	296,286,216	1
439,118	2,170,267	411,997	—	3,021,382	5,123,666	3,736,454	16,535,225	110,094	25,505,439	2
364,166	1,300,133	4,155,680	—	5,819,979	3,289,256	4,282,604	46,349,507	—	53,921,367	3
872,646	813,788	1,179,996	—	2,866,430	1,494,045	2,292,431	3,520,284	1,085,208	8,391,968	4
—	132,523	—	—	132,523	598,925	132,523	—	922,869	1,654,317	5
10,073	320	13,337	—	23,730	1,646,662	1,406,182	365,528	—	3,418,372	6
7,121	1,040	—	—	8,161	335,891	10,000	5,317	9,601	360,809	7
—	51,153	9,126	—	60,279	135,695	303,495	28,724	632,101	1,100,015	8
39,560	334,324	317,500	—	691,384	1,959,427	1,396,972	5,348,083	248,721	8,953,203	9
3,241,504	7,608,354	6,551,160	—	17,401,018	34,580,780	134,640,808	95,906,515	134,463,603	399,591,706	10
1,677,871	4,077,949	3,640,609	—	9,396,429	19,447,953	54,842,479	48,761,749	7,767,999	130,820,180	11
357,621	16,291	94,503	—	468,415	5,387,812	4,194,570	6,440,348	647,839	16,670,569	12
—	—	9,309	—	9,309	509,795	—	9,309	56,535,430	57,054,534	13
—	45,041	—	—	45,041	500	5,107,598	—	738,140	5,846,238	14
5,197	5,575	—	—	10,772	232,886	1,630,730	—	605,149	2,468,765	15
32,700	28,101	11,812	—	72,613	258,366	698,816	21,216	5,158,811	6,137,209	16
5,355	1,534	210,825	—	218,014	905,619	1,165,866	2,101,246	386,624	4,559,355	17
39,345	105,671	35,449	—	170,365	277,058	1,166,444	895,206	5,536,857	7,875,565	18
15,469	78,019	16,414	—	109,902	370,472	821,953	167,361	2,090,274	3,450,060	19
327,198	318,053	135,485	—	780,736	5,093,970	2,053,063	5,058,513	1,665,283	13,870,829	20
89,152	41,359	104,311	—	234,822	1,214,529	4,755,185	579,247	2,948,313	9,497,274	21
335,699	133,085	3,300	—	472,084	10,002,022	6,242,197	902,043	30,755,680	47,901,942	22
17,000	270,131	55,393	—	342,524	4,891,782	2,607,175	4,541,163	162,562	12,202,682	23
39,806	19,154	30,136	—	89,096	1,774,649	7,134,266	1,567,895	1,780,985	12,257,795	24
203,074	753,730	387,463	—	1,344,267	1,383,760	18,276,882	4,690,481	1,270,668	25,621,791	25
14,509	55,151	28,152	—	97,812	271,037	1,276,687	481,693	193,118	2,222,535	26
374,143	487,928	389,837	—	1,251,908	1,601,334	5,248,136	4,376,712	3,156,152	14,382,334	27
24,727	102,810	36,354	—	163,891	234,675	1,009,066	1,027,406	1,147	2,272,294	28
283,142	360,679	231,851	—	875,672	1,711,513	8,184,929	3,675,458	2,909,080	16,480,980	29
49,018	94,198	178,007	—	321,223	701,524	5,158,088	1,778,131	622,193	8,259,936	30
112,163	431,770	431,686	—	975,619	4,681,206	4,152,586	4,159,891	4,647,330	17,641,013	31
3,993,389	7,426,229	6,030,896	—	17,450,514	60,952,462	135,726,716	91,235,068	129,579,634	417,493,880	32
Dr. 751,885	182,125	520,264	—	Dr. 49,496	Dr. 26,371,682	Dr. 1,085,908	4,671,447	4,883,989	Dr. 17,902,174	33
609,641	209,199	108,080	—	926,920	27,718,184	872,438	596,694	—	29,187,316	34
150,091	190,123	122,116	—	462,330	867,544	2,786,700	1,245,113	519,483	5,418,840	35
15,833	98,246	64,577	—	178,656	187,886	519,760	294,592	233,880	1,236,098	36
Dr. 7,986	483,201	685,883	—	1,161,098	2,026,180	2,053,470	6,218,662	5,169,572	15,467,884	37
26,948	183,552	163,301	—	441,801	1,089,239	1,211,090	1,693,442	2,838,964	6,832,735	38
Dr. 101,934	299,649	522,582	—	719,297	936,941	842,380	4,525,220	2,330,608	8,635,149	39

TABLE 8. Quantity and Cost of Fuel and Lubricating Oils Consumed, Class I and Class II, For-hire Carriers, by Division, 1969

	Fuel oil		Diesel oil		Coal		Lubricating oils		Gasoline		Total cost
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
	gallons	\$	gallons	\$	tons	\$	gallons	\$	gallons	\$	
Class I:											
Division:											
Atlantic	11,647,144	947,508	14,736,144	2,091,485	—	—	55,156	77,564	3,365	951	3,117,508
Inland	79,408,484	5,869,326	28,438,538	3,794,709	113,478	1,492,975	383,700	493,690	117,713	49,911	11,700,611
Pacific	13,152,522	1,385,950	25,521,204	3,892,893	—	—	489,350	478,747	101,555	26,102	5,783,692
Ocean-going	61,225,399	4,559,629	4,265,481	584,401	—	—	12,570	13,576	—	—	5,157,606
Totals	165,433,549	12,762,413	72,961,367	10,363,488	113,478	1,492,975	940,776	1,063,577	222,633	76,964	25,759,417
Class II:											
Division:											
Atlantic	762,377	85,495	561,175	105,278	—	—	28,919	31,979	472	141	222,893
Inland	31,032	7,102	2,216,777	404,093	6,086	74,000	11,598	16,330	14,770	4,726	506,251
Pacific	284,912	50,872	2,209,642	432,779	—	—	17,962	26,151	61,482	19,586	529,388
Ocean-going	—	—	289,795	20,024	—	—	—	—	—	—	20,024
Totals	1,078,321	143,469	5,277,389	962,174	6,086	74,000	58,479	74,460	76,724	24,453	1,278,556
Class I and Class II:											
Division:											
Atlantic	12,409,521	1,033,003	15,297,319	2,196,763	—	—	84,075	109,543	3,837	1,092	3,340,401
Inland	79,439,516	5,876,428	30,655,315	4,198,802	119,564	1,566,975	395,298	510,020	132,483	54,637	12,206,862
Pacific	13,437,434	1,436,822	27,730,846	4,325,672	—	—	507,312	504,898	163,037	45,688	6,313,080
Ocean-going	61,225,399	4,559,629	4,555,276	604,425	—	—	12,570	13,576	—	—	5,177,630
Totals	166,511,870	12,905,882	78,238,756	11,325,662	119,564	1,566,975	999,255	1,138,037	299,357	101,417	27,037,973

TABLE 9. Property, Class I and Class II, For-hire Carriers, 1969

	Beginning of year	Additions	Retirements	End of year
	dollars			
Vessels and floating equipment	619,353,281	53,917,082	35,226,187	638,044,176
Terminal property and equipment	35,863,342	2,120,502	284,143	37,699,701
Other property and equipment	16,083,289	2,114,226	520,154	17,677,361
Land	4,050,754	158,397	61,814	4,147,337
Totals	675,350,666	58,310,207	36,092,298	697,568,575
Accrued depreciation	267,141,938	—	—	277,251,286
Depreciated value	408,208,728	—	—	420,317,289

TABLE 10. Property, at End of Year, Class I and Class II, For-hire Carriers, by Division, 1969

	Vessels and floating equipment	Terminal property and equipment	Other property and equipment	Land	Total value	Accrued depreciation	Depreciated value
dollars							
Class I:							
Division:							
Atlantic	48,094,614	6,134,442	571,896	229,816	55,030,768	18,172,835	36,857,933
Inland	405,501,096	9,827,767	11,936,589	1,256,053	428,521,505	193,656,253	234,865,252
Pacific	137,409,734	20,224,501	2,847,714	2,484,066	162,966,015	41,069,343	121,896,672
Ocean-going	18,646,209	678,642	949,861	20,000	20,294,712	10,864,989	9,429,723
Totals	609,651,653	36,865,352	16,306,060	3,989,935	666,813,000	263,763,420	403,049,580
Class II:							
Division:							
Atlantic	7,100,843	62,059	517,129	21,192	7,701,223	2,596,390	5,104,833
Inland	12,288,321	418,030	558,658	38,225	13,303,234	6,970,461	6,332,773
Pacific	6,156,465	354,260	295,514	97,985	6,904,224	2,280,475	4,623,749
Ocean-going	2,846,894	—	—	—	2,846,894	1,640,540	1,206,354
Totals	28,392,523	834,349	1,371,301	157,402	30,755,575	13,487,866	17,267,709
Class I and Class II:							
Division:							
Atlantic	55,195,457	6,196,501	1,089,025	251,008	62,731,991	20,769,225	41,962,766
Inland	417,789,417	10,245,797	12,495,247	1,294,278	441,824,739	200,626,714	241,198,025
Pacific	143,566,199	20,578,761	3,143,228	2,582,051	169,870,239	43,349,818	126,520,421
Ocean-going	21,493,103	678,642	949,861	20,000	23,141,606	12,505,529	10,636,077
Totals	638,044,176	37,699,701	17,677,361	4,147,337	697,568,575	277,251,286	420,317,289

TABLE 11. Number of Deaths or Injuries Caused by Accidents, and Number and Value of Ships Destroyed or Lost at Sea, Class I and Class II, For-hire Carriers, by Division, 1969

	Crew members		Other employees		Passengers		Other persons		Total		Vessels totally lost	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Number	Value
number												
Class I:												\$
Division:												
Atlantic	—	162	1	4	—	60	—	1	1	227	—	—
Inland	—	503	2	272	—	—	—	—	2	775	1	16,823
Pacific	6	310	—	72	—	21	—	—	6	403	1	50,000
Ocean-going	—	9	—	—	—	1	—	5	—	15	—	—
Totals	6	984	3	348	—	82	—	6	9	1,420	2	66,823
Class II:												
Division:												
Atlantic	1	1	—	—	—	—	—	—	1	1	—	—
Inland	2	37	—	7	1	4	—	2	3	50	1	11,666
Pacific	—	29	—	2	—	—	—	—	—	31	1	8,400
Ocean-going	—	—	—	—	—	—	—	—	—	—	—	—
Totals	3	67	—	9	1	4	—	2	4	82	2	20,066
Class I and Class II:												
Division:												
Atlantic	1	163	1	4	—	60	—	1	2	228	—	—
Inland	2	540	2	279	1	4	—	2	5	825	2	28,489
Pacific	6	339	—	74	—	21	—	—	6	434	2	58,400
Ocean-going	—	9	—	—	—	1	—	5	—	15	—	—
Totals	9	1,051	3	357	1	86	—	8	13	1,502	4	86,889

TABLE 12. Self-operated Owned Vessels and Inactive Vessels at End of Year, ¹ Class III, For-hire Carriers by Division, 1969

Division:	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	Total	Vessels inactive
	number									
Atlantic	10	1	6	—	1	2	4	5	29	2
Inland	18	9	8	2	6	10	8	2	63	3
Pacific	—	1	2	—	1	7	6	6	23	1
Ocean-going	—	—	—	—	—	—	—	—	—	—
Totals	28	11	16	2	8	19	18	13	115	6

¹ Owned vessels inactive during the entire year are excluded.

TABLE 13. Number of Employees, and Salaries and Wages of Employees, Class III, For-hire Carriers, by Division, 1969

Division:	Vessel crews		Dock and warehouse employees		Office and administrative employees		Other employees		Total		Value of meals supplied
	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages	
		\$		\$		\$		\$		\$	
Atlantic	71	125,941	—	—	6	33,182	5	17,774	82	176,897	18,514
Inland	139	444,262	4	10,114	12	28,420	1	660	156	483,456	29,363
Pacific	27	163,015	—	—	7	32,115	2	6,240	36	201,370	1,460
Ocean-going	—	—	—	—	—	—	—	—	—	—	—
Totals	237	733,218	4	10,114	25	93,717	8	24,674	274	861,723	49,337

TABLE 14. Revenue and Expense, Class III, For-hire Carriers, by Division, 1969

	Division				Total
	Atlantic	Inland	Pacific	Ocean-going	
	dollars				
Operating revenue:					
Freight	199,256	654,224	28,930	—	882,410
Passenger	81,351	324,465	43,465	—	449,281
Towage	11,913	91,345	133,200	—	236,458
Charter of vessels	33,494	8,451	187,268	—	229,213
Other	20,505	84,038	114,301	—	218,844
Total operating revenue	346,519	1,162,523	507,164	—	2,016,206
Operating expense:					
Transportation:					
Vessel	215,445	746,625	252,527	—	1,214,597
Charter of vessels	—	9,476	3,170	—	12,646
Other	70,291	73,241	16,445	—	159,977
Terminal:					
Stevedoring	10,152	1,665	—	—	11,817
Other	9,282	18,762	10,825	—	38,869
General:					
Depreciation	29,802	146,236	60,279	—	236,317
Salaries and wages	39,465	46,949	43,455	—	129,869
Insurance	48,535	82,062	21,239	—	151,836
Other	45,427	120,952	55,737	—	222,116
Total operating expense	468,399	1,245,968	463,677	—	2,178,044
Net operating revenue	Dr. 121,880	Dr. 83,445	43,487	—	Dr. 161,838
Subsidies	47,252	53,784	27,450	—	128,486
Other income	3,710	102,854	5,770	—	112,334
Other expense	3,199	123,078	11,397	—	137,674
Net income before income tax	Dr. 74,117	Dr. 49,885	65,310	—	Dr. 58,692
Provision for income tax	1,856	3,279	14,114	—	19,249
Net income	Dr. 75,973	Dr. 53,164	51,196	—	Dr. 77,944

TABLE 15. Quantity and Cost of Fuel and Lubricating Oils Consumed, Class III, For-hire Carriers, by Division, 1969

Division:	Fuel oil		Diesel oil		Lubricating oils		Gasoline		Other fuel	Total cost
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value		
	gallons	\$	gallons	\$	gallons	\$	gallons	\$	\$	\$
Atlantic	2,046	575	129,365	25,979	1,241	2,084	2,392	1,332	30	30,000
Inland	20,090	3,386	569,934	105,769	4,020	6,177	16,751	7,184	—	122,516
Pacific	480	97	111,477	24,430	600	691	10,386	3,048	—	26,266
Ocean-going	—	—	—	—	—	—	—	—	—	—
Totals	22,616	4,058	810,776	156,178	5,861	8,952	29,529	11,564	30	180,782

TABLE 16. Property, Class III, For-hire Carriers, 1969

	Beginning of year	Additions	Retirements	End of year
	dollars			
Vessels and floating equipment	3,994,024	126,978	300,867	3,820,135
Terminal property and equipment	176,397	762	3,968	173,191
Other property and equipment	217,101	50,565	18,937	248,729
Land	10,738	—	—	10,738
Totals	4,398,260	178,305	323,772	4,252,793
Accrued depreciation	2,176,601	—	—	2,229,345
Depreciated value	2,221,659	—	—	2,023,448

TABLE 17. Property, at End of Year, Class III, For-hire Carriers, by Division, 1969

Division:	Vessels and floating equipment	Terminal property and equipment	Other property and equipment	Land	Total value	Accrued depreciation	Depreciated value
	dollars						
Atlantic	703,547	41,240	13,775	—	758,562	402,246	356,316
Inland	2,211,704	127,618	179,136	4,786	2,523,244	1,398,358	1,124,886
Pacific	904,684	4,333	55,818	5,952	970,987	428,741	542,246
Ocean-going	—	—	—	—	—	—	—
Totals	3,820,135	173,191	248,729	10,738	4,252,793	2,229,345	2,023,448

TABLE 18. Number of Deaths or Injuries Caused by Accidents, and Number and Value of Ships Destroyed or Lost at Sea, Class III, For-hire Carriers, by Division, 1969

Division:	Crew members		Other employees		Passengers		Other persons		Total		Vessels totally lost	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Number	Value
	number											\$
Atlantic	-	-	-	-	-	-	-	-	-	-	-	-
Inland	-	-	-	-	-	-	-	-	-	-	-	-
Pacific	-	-	-	-	-	-	-	-	-	-	-	-
Ocean-going	-	-	-	-	-	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 19. Owned Vessels Chartered Bareboat¹ to Others, at End of Year, 1969

	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	Total	Vessels inactive
	number									
Canadian registry	11	2	-	-	3	42	118	4	180	7
Non-Canadian registry	1	-	-	1	-	-	-	-	2	-
Totals	12	2	-	1	3	42	118	4	182	2

¹ Bareboat-chartered vessels or demise-chartered vessels are operated as if they belonged to the fleet of the charterer. All costs and expenses pertaining to their use and operation are the responsibility of the charterer.

TABLE 20. Property, Owned Vessels Chartered Bareboat to Others, 1969

	Beginning of year	Additions	Retirements	End of year
	dollars			
Vessels and floating equipment	75,257,015	7,334,765	10,429,065	72,162,715
Terminal property and equipment	128,038	1,054	-	129,092
Other property and equipment	6,030,510	71,109	74,918	6,026,701
Land	290,142	6,400	100	296,442
Totals	81,705,705	7,413,328	10,504,083	78,614,950
Accrued depreciation	37,805,240	32,278,243
Depreciated value	43,900,465	46,336,707

TABLE 21. Revenue and Expense, Owned Vessels Chartered Bareboat to Others, 1969

	Dollars
Operating revenue:	
Charter of Canadian-flag vessels	7,045,599
Charter of non-Canadian-flag vessels	1,297,270
Other	237,273
Total operating revenue	8,580,142
Operating expense:	
Transportation:	
Charter of Canadian-flag vessels	33,475
Agency fees, commissions, and brokerage	—
Lay-up and fit-out	70,327
Other	255,815
Terminal:	
Salaries and wages	42,543
Other	27,203
General:	
Depreciation	4,119,183
Salaries and wages	155,998
Traffic	—
Insurance	130,893
Interest	1,472,028
Other	336,172
Total operating expense	6,643,637
Net operating revenue	1,936,505
Subsidies	5,193
Other income	76,865
Other expense	261,794
Net income before income tax	1,756,769
Provision for income tax	665,172
Net income	1,091,597

TABLE 22. Self-operated Owned Vessels, at End of Year, Private Carriers, by Division, 1969

	Canadian and non-Canadian registry								Total
	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	
Division:	number								
Atlantic	—	1	—	—	—	7	2	6	16
Inland	6	—	—	—	12	50 ¹	25 ²	44 ³	137
Pacific	2	—	2	4	1	32	84	6	131
Ocean-going	—	—	—	18 ⁴	—	—	1	—	19
Totals	8	1	2	22	13	89	112	56	303

¹ Includes 14 non-Canadian registry.² " " 2 " " " " " "³ " " 20 " " " " " "⁴ " " 1 " " " " " "

TABLE 23. Owned Vessels Chartered to Others, at End of Year, Private Carriers, by Division, 1969

	Canadian and non-Canadian registry								Total
	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	
Division:	number								
Atlantic	—	—	—	—	—	3	3	—	6
Inland	—	—	—	5	—	4	11	—	20
Pacific	—	—	—	—	—	1	5	—	6
Ocean-going	—	—	—	1 ¹	—	—	—	—	1
Totals	—	—	—	6	—	8	19	—	34

¹ Includes 1 non-Canadian registry.TABLE 24. Vessels Chartered from Canadian¹ Owners, at End of Year, Private Carriers, by Division, 1969

	Canadian and non-Canadian registry								Total
	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	
Division:	number								
Atlantic	—	—	—	—	—	—	—	—	—
Inland	1	—	—	—	—	6	1	—	8
Pacific	—	—	—	—	—	5	3	—	8
Ocean-going	—	—	—	4 ²	—	—	—	—	4
Totals	1	—	—	4	—	11	4	—	20

¹ Canadian owners are Canadian incorporated companies or individuals.² Includes 1 non-Canadian registry.TABLE 25. Vessels Chartered from Non-Canadian¹ Owners, at End of Year, Private Carriers, by Division, 1969

	Canadian and non-Canadian registry								Total
	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow barge or scow	Other	
Division:	number								
Atlantic	—	—	—	—	—	—	—	—	—
Inland	—	—	—	—	—	—	—	—	—
Pacific	—	—	—	—	—	—	—	—	—
Ocean-going	28 ²	—	—	5 ³	—	—	—	—	33
Totals	28	—	—	5	—	—	—	—	33

¹ Non-Canadian owners are non-Canadian incorporated companies or individuals.² Includes 28 non-Canadian registry.³ Includes 5 non-Canadian registry.

TABLE 26. Number of Owned Vessels Inactive during Entire Year. Private Carriers, by Division, 1969

	Canadian registry								Total
	Freight	Passenger and freight	Passenger	Tanker	Ferry	Tug	Tow Barge or scow	Other	
Division:	number								
Atlantic	—	—	—	—	—	—	—	—	—
Inland	—	—	—	—	1	8	19	6	34
Pacific	1	—	—	—	—	—	1	—	2
Ocean-going	—	—	—	—	—	—	—	—	—
Totals	1	—	—	—	1	8	20	6	36

TABLE 27. Property, at End of Year. Private Carriers, by Division, 1969

	Vessels and floating equipment	Terminal property and equipment	Other property and equipment	Land	Total value	Accrued depreciation	Depreciated value
Division:	dollars						
Atlantic	3,916,622	—	1,211,520	15,305	5,143,447	3,268,344	1,875,103
Inland	34,244,282	2,314,741	1,447,774	45,678	38,052,475	17,165,456	20,887,019
Pacific	18,548,882	180,725	113,533	—	18,843,140	8,967,204	9,875,936
Ocean-going	33,528,355	159,178	313,426	42,502	34,043,461	14,310,868	19,732,593
Totals	90,238,141	2,654,644	3,086,253	103,485	96,082,523	43,711,872	52,370,651

TABLE 28. Operating Expenses. Private Carriers, by Division, 1969

	Division				
	Atlantic	Inland	Pacific	Ocean-going	Total
Operating expense:	dollars				
Transportation:					
Vessel	854,536	4,483,792	5,599,825	23,555,927	34,494,080
Charter of Canadian-flag vessels	—	99,450	954,753	1,577,361	2,631,564
Charter of non-Canadian-flag vessels	—	—	—	24,680,924	24,680,924
Canal tolls	—	388	—	237,274	237,662
Pilotage	12,011	—	—	235,544	247,555
Agency fees, commissions, and brokerage	—	10,017	34,901	298,852	343,770
Towage	—	104,908	3,062,364	551,463	3,718,735
Wharfage, anchorage, and dockage	3,568	26,044	8,450	773,421	811,483
Other port	—	266,440	—	505,555	771,995
Lay-up and fit-out	134,471	176,721	618,779	1,982,968	2,912,939
Other	123,132	307,226	669,247	9,111,689	10,211,294
Terminal:					
Stevedoring	11,496	75,868	—	2,237,732	2,325,096
Salaries and wages	3,960	109,202	—	63,500	176,662
Other	—	38,971	—	—	38,971
General:					
Depreciation:					
Vessels and floating equipment	212,883	1,181,554	1,022,154	1,066,301	3,482,892
Other property	—	112	4,332	75,505	79,949
Salaries and wages	83,333	373,688	198,725	822,321	1,478,067
Traffic	—	—	7,840	—	7,840
Insurance	122,792	246,244	483,985	704,341	1,557,362
Interest	—	253,334	—	87,875	341,209
Other	52,933	1,438,668	74,663	252,997	1,819,261
Total operating expense	1,615,115	9,192,627	12,740,018	68,821,550	92,369,310

TABLE 29. Number of Employees, and Salaries and Wages of Employees, Private Carriers, by Division, 1969

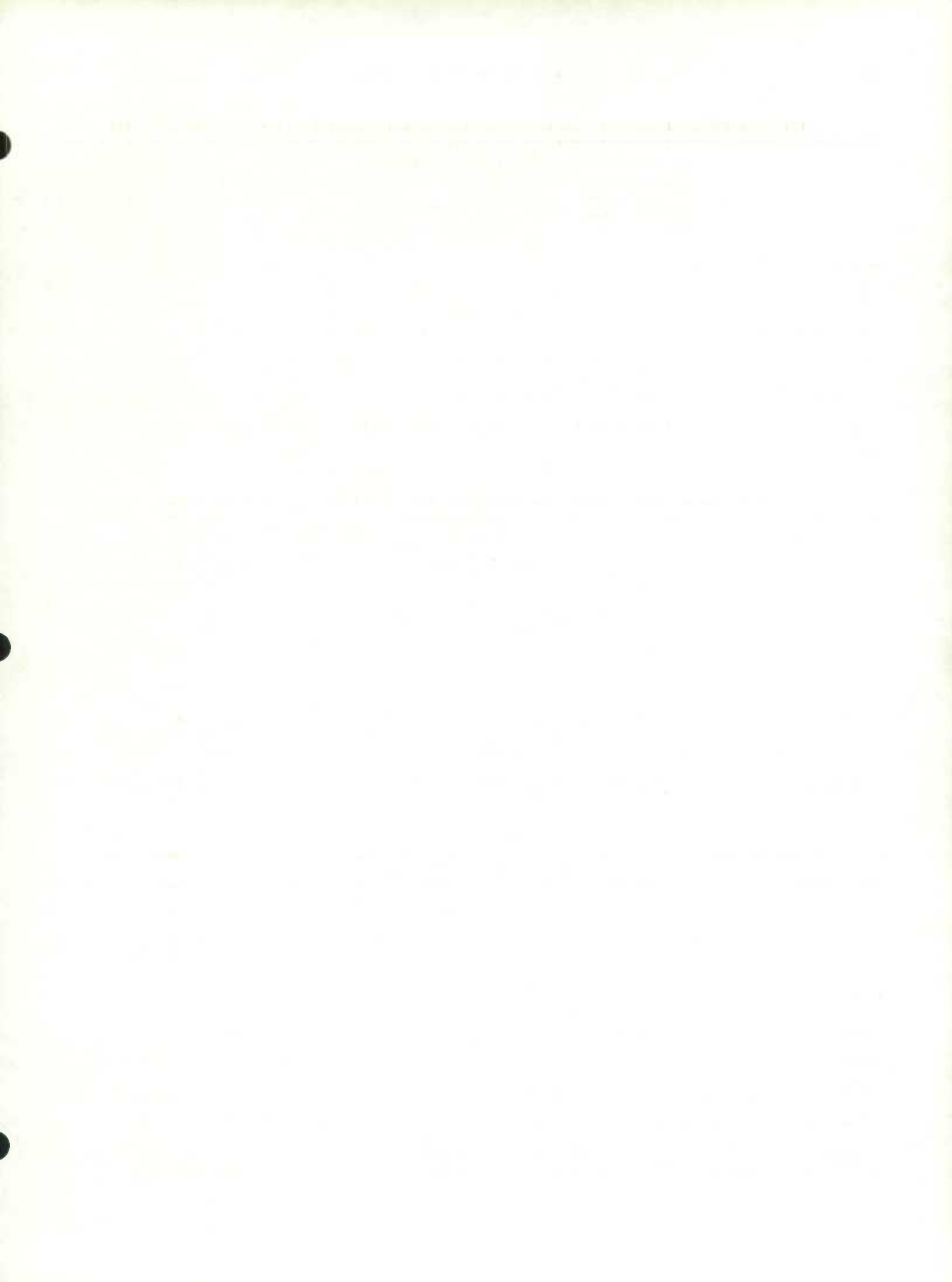
Division:	Vessel crews		Dock and ware house employees		Office and administrative employees		Other employees		Total		Value of meals supplied
	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages	Number	Salaries and wages	
		\$		\$		\$		\$		\$	
Atlantic	93	594,297	—	—	8	85,873	—	—	101	680,170	51,768
Inland	485	3,442,773	—	—	26	250,272	39	196,583	550	3,889,628	81,065
Pacific	394	3,583,927	1	2,220	30	279,010	24	197,783	449	4,062,940	160,452
Ocean-going	531	4,568,114	6	63,500	44	450,330	36	505,821	617	5,587,765	385,410
Totals	1,503	12,189,111	7	65,720	108	1,065,485	99	900,187	1,717	14,220,503	678,695

TABLE 30. Quantity and Cost of Fuel and Lubricating Oils Consumed, Private Carriers, by Division, 1969

Division:	Fuel oil		Diesel oil		Coal		Lubricating oils		Gasoline		Total cost
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
	gallon	\$	gallon	\$	tons	\$	gallon	\$	gallon	\$	
Atlantic	—	—	788,623	115,160	—	—	9,034	11,251	2,050	387	138,788
Inland	1,480,906	159,503	1,252,823	220,960	—	—	30,009	30,083	18,311	6,455	417,001
Pacific	159,636	25,355	3,702,133	610,749	—	—	70,587	78,400	4,885	1,325	715,829
Ocean-going	70,296,982	4,291,007	6,912,504	847,005	—	—	88,203	118,159	—	—	5,256,171
Totals	71,937,524	4,475,865	12,656,083	1,793,874	—	—	197,833	237,893	25,246	8,167	6,515,799

TABLE 31. Number of Deaths or Injuries caused by Accidents, and Number and Value of Ships Destroyed at Sea, Private Carriers, by Division, 1969

Division:	Crew members		Other employees		Passengers		Other persons		Total		Vessels totally lost	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	No.	Value
												\$
Atlantic	1	—	—	—	—	—	—	—	1	—	—	—
Inland	—	48	—	15	—	—	—	—	—	63	—	—
Pacific	—	8	—	—	—	—	—	—	—	8	2	24,000
Ocean-going	—	29	—	—	—	—	—	—	—	29	—	—
Totals	1	85	—	15	—	—	—	—	1	100	2	24,000



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