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THE SHIPBUILDING INDUSTRY 1959



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Transportation Equipment** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

A — Annual

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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1959 are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in **repair** work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or

plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

THE SHIPBUILDING INDUSTRY

1959

The value of production from Canadian shipyards amounted to \$143,126,746 in 1959 compared with \$148,330,354 in 1958 and \$167,158,789 in 1957.

The 65 shipyards which were included in 1959 employed 14,291 workers during the year and paid out \$62,100,539 in salaries and wages, \$50,452,695 for materials for shipbuilding and \$2,045,530 for fuel and electricity.

The 11 establishments in Quebec with production at \$61,509,090 accounted for 43 per cent of the total for Canada and the 20 yards in British

Columbia with output at \$38,029,043 accounted for 27 per cent.

This industry includes the establishments which were occupied principally in making commercial or naval vessels and also the yards which did ship repair work or were engaged in outfitting ships for delivery. The government naval dockyards on the east and west coast have not been included, although a considerable amount of repairs and overhauling was done at these stations. Establishments occupied chiefly in making rowboats, canoes, outboards and small vessels of five tons or less are included in the "Boat Building Industry" which is covered in a separate report.

TABLE 1. Principal Statistics of the Shipbuilding Industry, Significant Years 1929-59, and by Provinces, 1958 and 1959

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture	Gross selling value of products
	number				dollars		
1929	41	5,297	7,472,865	360,819	5,607,297	11,524,909	17,493,025
1933	38	2,254	2,644,396	240,961	989,661	3,291,245	4,521,867
1937	40	3,502	4,411,910	279,993	3,204,905	6,875,788	10,360,686
1939	43	3,491	4,950,179	298,877	3,814,321	7,121,769	11,234,967
1943	87	75,847	153,595,336	3,428,518	123,317,336	249,815,120	376,560,974
1946	79	20,246	40,975,731	1,400,316	25,915,348	64,535,796	91,851,460
1949	80	12,562	30,909,310	1,369,141	28,285,590	45,946,654	75,601,385
1955	70	16,829	56,167,658	1,621,654	47,335,389	84,879,899	133,836,942
1956	67	17,782	64,685,550	1,879,263	54,130,593	91,188,806	147,198,662
1957	68	18,417	71,166,172	2,123,686	63,941,511	101,093,592	167,158,789
1958							
Newfoundland	2	3,186	10,816,355	460,008	7,080,095	14,113,526	21,653,629
Prince Edward Island	1						
Nova Scotia	17						
New Brunswick	3						
Quebec	11	6,541	26,640,443	795,514	24,834,653	37,220,171	62,850,338
Ontario	11	2,732	10,559,775	350,342	9,608,247	20,239,109	30,197,698
British Columbia	20	3,673	17,866,517	449,321	9,150,137	24,029,231	33,628,689
Canada	65	16,132	65,883,090	2,055,185	50,673,132	95,602,037	148,330,354
1959							
Newfoundland	2	2,725	10,535,994	495,711	6,417,940	13,798,199	20,711,850
Prince Edward Island	1						
Nova Scotia	17						
New Brunswick	3						
Quebec	11	6,036	25,652,221	791,000	23,967,342	36,750,748	61,509,090
Ontario	11	2,246	8,905,473	353,444	7,977,664	14,545,655	22,876,763
British Columbia	20	3,284	17,006,851	405,375	12,089,749	25,533,919	38,029,043
Canada	65	14,291	62,100,539	2,045,530	50,452,695	90,628,521	143,126,746

TRANSPORTATION EQUIPMENT

TABLE 2. Inventories,¹ by Provinces, 1959

	Raw materials and supplies	Goods in process ²	Finished goods of own manufacture	Total
	dollars			
Opening:				
Nova Scotia	1,052,157	848,776	2,799	1,903,732
Quebec	6,420,188	6,934,359	—	13,354,547
Ontario	1,651,849	1,427,219	141,035	3,220,103
British Columbia	3,229,040	2,110,842	770	5,340,652
Other provinces	597,241	69,615	10,000	676,856
Canada	12,950,475	11,390,811	154,604	24,495,890
Closing:				
Nova Scotia	1,119,029	1,377,597	3,000	2,499,626
Quebec	5,709,976	9,618,504	51,699	15,380,179
Ontario	2,219,068	1,570,741	125,075	3,914,884
British Columbia	2,916,163	6,057,700	781	8,974,644
Other provinces	429,093	4,774	10,764	444,631
Canada	12,393,329	18,629,316	191,319	31,213,964

¹ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Shipbuilding Industry for the year under review are shown in the above table.

² Adjusted to allow for progress payments.

TABLE 3. Products Made in the Shipbuilding Industry, 1958 and 1959

Product	1958			1959		
	Number of vessels delivered	Gross tonnage	Value of deliveries	Number of vessels delivered	Gross tonnage	Value of deliveries
			\$			\$
Naval vessels, all types	4	—	33,516,227	5	—	89,280,563
Commercial vessels:						
Cargo and cargo-passenger vessels	7	64,691	27,676,786	3	37,538	15,991,197
Dredges	2	—	307,711	—	—	—
Ferries	2	—	3,691,130	—	—	—
Fishing boats	31	—	1,020,681	41	—	1,236,159
Passenger ships	—	—	—	—	—	—
Scows and barges	57	—	3,146,613	36	—	2,118,902
Tankers	3	—	4,960,823	1	—	10,663,175
Tugs	8	—	1,241,972	10	—	1,400,239
Small craft:						
With power	40	—	1,241,352	28	—	344,191
Without power	20	—	38,465	1	—	39,000
All other commercial vessels	15	—	4,656,337	38	—	23,849,233
Total commercial vessels	185	—	47,981,870	158	—	55,642,096
Total all vessels	189	—	81,498,097	163	—	144,922,659
			Value			Value
			\$			\$
Other production:						
Work done during year on undelivered vessels and on reconditioning and conversion			49,706,574			33,729,302
Repairs done to vessels during the year			43,744,133			45,097,519
Miscellaneous products (boilers, engines, etc.)			27,221,579			26,432,183
Total value of deliveries and other production			202,170,383			250,181,663
Less value of work done in previous years on vessels delivered in current year and on reconditioning and conversion			53,840,029			107,054,917
Total production for year			148,330,354			143,126,746

TABLE 4. Materials Used in the Shipbuilding Industry, 1958 and 1959

Material		1958		1959	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Iron:					
Pig iron	net ton	321	21,249	320	21,571
Castings, gray and malleable	"	266	92,681	700	196,176
Castings, steel	"	666	338,497	707	450,774
Steel (other than special alloy):					
Bars	"	4,770	1,152,091	5,184	1,125,348
Plates	"	45,339	6,619,120	58,965	8,093,567
Sheets:					
Plain	"	2,001	327,846	2,010	287,862
Galvanized	"	710	110,674	1,078	185,878
Strip	"	394	55,988	311	47,914
Structural shapes	"	11,650	1,775,502	15,257	2,344,495
Wire	"	1,032	249,702	790	187,703
Alloy steel in all forms		—	548,472	—	494,701
Scrap iron and steel of all kinds		959	42,293	822	29,160
Iron and steel pipe and fittings		—	1,797,985	—	1,525,405
Other iron and steel		—	963,698	—	695,200
Non-ferrous metals:					
Aluminum—Castings	pound	18,809	20,423	10,715	11,173
Sheet	"	286,935	145,873	208,637	95,078
Other forms	"	125,005	95,445	102,410	73,451
Brass and bronze	"	888,347	702,759	1,518,073	810,197
Copper—Sheet	"	202,374	157,275	148,808	121,458
Wire	"	8,781	7,051	13,828	12,937
Other forms	"	73,543	42,183	139,189	88,073
Lead	"	37,288	8,270	74,037	15,411
Nickel	"	3,862	3,322	4,411	6,555
Tin	"	288	345	161	166
Zinc	"	124,967	27,430	135,475	28,326
Babbit metals and solders	"	84,389	84,426	64,934	68,583
Other non-ferrous metals		—	205	—	5,666
Other materials and supplies:					
Paint and varnishes		—	672,341	—	587,720
Lumber	M ft. b.m.	9,549	1,168,606	5,860	792,068
Timber	"	1,882	247,742	1,223	162,154
Engines purchased		—	5,903,957	—	4,774,047
Boilers purchased		—	759,753	—	616,316
Electrical equipment purchased		—	2,989,239	—	2,503,514
Auxiliary equipment purchased		—	6,807,471	—	5,790,255
All other materials ¹		—	16,733,218	—	18,203,793
Totals		—	50,673,132	—	50,452,695

¹ No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$500,000. The total estimate value of materials used by these firms was \$3,080,880 and this amount is included in "All other materials and supplies".

TABLE 5. Value of Shipbuilding, 1950-59

Year	Value of ships delivered during the year	Less value of work done in previous years delivered in current year ¹	Add value of work done on ships not completed at year-end ¹	Total value of new construction ¹	Value of ship repairs
			dollars		
1950	25,702,978	16,207,727	16,659,090	26,154,341	27,011,849
1951	18,942,971	12,080,187	36,122,684	42,985,468	35,443,294
1952	34,881,738	17,085,838	64,777,915	82,573,815	47,578,971
1953	53,520,954	32,427,998	74,218,646	95,311,602	62,787,081
1954	68,753,916	45,259,791	65,562,151	89,146,276	44,880,586
1955	63,479,712	42,350,386	46,841,472	67,970,798	42,074,757
1956	67,645,204	41,098,262	43,774,027	70,320,969	42,857,489
1957	108,164,721	73,544,764	52,444,085	87,064,042	45,091,340
1958	81,498,097	53,840,029	49,706,574	77,364,642	43,744,133
1959	144,922,659	107,054,917	33,729,302	71,597,044	45,097,519

¹ Includes value of work done on reconditioning and conversion.

TABLE 6. Principal Statistics of the Shipbuilding Industry, classified according to Type of Ownership, 1958 and 1959

Type	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Gross value of production
	number		dollars		
1958					
Individual ownership	4	52	138,202	134,261	371,269
Partnerships	2				
Incorporated companies	59	16,080	65,744,888	50,538,871	147,959,085
Totals	65	16,132	65,883,090	50,673,132	148,330,354
1959					
Individual ownership	4	42	119,000	106,140	300,212
Partnerships	1				
Incorporated companies	60	14,249	61,981,539	50,346,555	142,826,534
Totals	65	14,291	62,100,539	50,452,695	143,126,746

TABLE 7. Principal Statistics of the Shipbuilding Industry in Canada, grouped according to Selling Value of Products, 1958 and 1959

Establishments reporting value of production	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Gross value of production
	number		dollars		
1958					
\$ 10,000 to \$ 24,999	3	23	68,716	51,880	128,729
25,000 " 49,999	2				
50,000 " 99,999	5	77	162,670	134,442	366,942
100,000 " 199,999	11	204	691,785	536,526	1,565,088
200,000 " 499,999	14	543	1,946,189	1,443,208	4,198,122
500,000 " 999,999	13	992	4,242,488	2,130,556	8,684,218
1,000,000 " 4,999,999	7	2,141	7,518,022	3,996,232	16,105,234
5,000,000 and over	10	12,152	51,253,220	42,380,288	117,282,021
Totals	65	16,132	65,883,090	50,673,132	148,330,354
1959					
Under \$50,000	3	9	25,000	16,988	47,788
\$ 50,000 to \$ 99,999	8	87	241,607	225,014	638,506
100,000 " 199,999	7	124	352,853	395,646	980,711
200,000 " 499,999	14	586	2,081,171	1,567,414	4,411,200
500,000 " 999,999	15	1,250	5,327,195	2,891,181	11,097,617
1,000,000 " 4,999,999	9	2,031	8,377,833	4,922,553	19,600,682
5,000,000 and over	9	10,204	45,694,880	40,433,899	106,350,242
Totals	65	14,291	62,100,539	50,452,695	143,126,746

TABLE 8. Employees and their Earnings in the Shipbuilding Industry, by Provinces, 1958 and 1959

Province	Employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
1958	number					dollars		
Newfoundland, Prince Edward Island and Nova Scotia	157	59	2, 277	24	2, 517	871, 539	7, 752, 849	8, 624, 388
New Brunswick.....	135	26	503	5	669	481, 496	1, 710, 471	2, 191, 967
Quebec.....	970	230	5, 339	2	6, 541	5, 817, 729	20, 822, 714	26, 640, 443
Ontario.....	259	75	2, 392	6	2, 732	1, 356, 526	9, 203, 249	10, 559, 775
British Columbia	398	136	3, 135	4	3, 673	2, 833, 366	15, 033, 151	17, 866, 517
Totals	1, 919	526	13, 646	41	16, 132	11, 360, 656	54, 522, 434	65, 883, 090
1959								
Newfoundland, Prince Edward Island and Nova Scotia	168	63	2, 009	14	2, 254	1, 018, 268	7, 539, 472	8, 557, 740
New Brunswick.....	143	32	291	5	471	554, 533	1, 423, 721	1, 978, 254
Quebec.....	891	207	4, 930	8	6, 036	5, 731, 691	19, 920, 530	25, 652, 221
Ontario.....	262	68	1, 912	4	2, 246	1, 446, 055	7, 459, 418	8, 905, 473
British Columbia	376	128	2, 776	4	3, 284	2, 792, 801	14, 214, 050	17, 006, 851
Totals	1, 840	498	11, 918	35	14, 291	11, 543, 348	50, 557, 191	62, 100, 539

TABLE 9. Production Workers, by Months, 1959

Month	Establishments reporting monthly detail ¹	
	Male	Female
January	10,474	33
February	11,469	33
March	12,484	32
April	12,173	31
May	11,492	29
June	11,034	29
July	10,840	30
August	10,839	30
September	10,466	29
October	10,194	26
November	9,615	27
December	9,469	26
Average for establishments reporting monthly detail	10,879	30
Average estimated for small establishments ²	1,039	5
Average for all establishments	11,918	35

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

² For establishments generally reporting value of shipments of less than \$500,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 10. Capital and Repair Expenditures in the Shipbuilding Industry, 1955-59

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Con-struction	Machinery and equipment		Con-struction	Machinery and equipment		
	thousands of dollars						
1955	683	2, 043	2, 726	1, 596	2, 860	4, 456	7, 182
1956	2, 590	3, 438	6, 028	1, 439	2, 504	3, 943	9, 971
1957	3, 574	5, 545	9, 119	1, 413	2, 823	4, 236	13, 355
1958	1, 512	3, 489	5, 001	1, 338	4, 352	5, 690	10, 691
1959 ^P	1, 107	1, 396	2, 503	1, 152	3, 751	4, 903	7, 406

^P Preliminary figures.

TABLE 11. Fuel and Electricity Used in the Shipbuilding Industry, 1959

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 3,402	55,603
(b) Imported	" 11,782	139,982
Anthracite coal	" 28	1,013
Coke	" 115	2,287
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 308,304	116,022
Fuel oil including kerosene or coal oil	" 5,640,487	620,868
Gas—Liquefied petroleum gases	" 11,534	4,780
Other fuel	" ..	98,133
Electricity purchased	kwh. 60,986,582	820,505
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity	186,338
3. All establishments:		
Total cost of fuel and electricity	2,045,530

¹ Establishments generally reporting value of shipments of \$500,000 and over.² Establishments generally reporting value of shipments of less than \$500,000.

.. Figures not available.

... Figures not appropriate or not applicable.

List of Firms in the Shipbuilding Industry, 1959

Name of firm	Location of shipyard
Newfoundland:	
Burrys Shipyard	Clovertown, Bona Vista Bay
Newfoundland Shipyards Ltd.	Clarenville
Prince Edward Island:	
Charlottetown Marine Industries Ltd.	Lower Water, Charlottetown
Nova Scotia:	
Collings, Wm., & Sons, Limited	711 Barrington St., Halifax
Halifax Shipyards, Div. of Dominion Steel & Coal Corp. Ltd.	Halifax and Dartmouth
Hogan, T., & Company, Limited	121 Lower Water St., and 298 Upper Water St., Halifax
Ferguson Industries Ltd.	Pictou
Leary's Shipyards	Dayspring
Lunenburg Foundry Co. Limited	Lunenburg

See note at end of List.

List of Firms in the Shipbuilding Industry, 1959 — Concluded

Name of firm	Location of shipyard
Nova Scotia — Concluded:	
MacLean, John, & Sons, Limited	Mahone Bay
McKay, W.C., & Sons, Limited	Shelburne
North Sydney Marine Railway Company, Limited	North Sydney
Pinaud's, Walter, Yacht Yard	Baddeck
Port Hawkesbury Marine Railway Co. Ltd.	Port Hawkesbury
Purdy Brothers, Limited	67 Upper Water St., Halifax
Smith & Rhuland, Limited	Lunenburg
Sweeney, W. Laurence	Water St., Yarmouth
Sydney Engineering & Dry Dock Co. Ltd.	Esplanade, Sydney
Theriault, A.F. & Son Ltd.	Meteghan River, Digby County
Wagstaff & Hatfield Ltd.	Port Greville
New Brunswick:	
La Construction de St. Paul Ltée	Lower Caaquet
St. John Dry Dock Co., Limited	Bayside Drive, East Saint John
St. John Iron Works, Ltd.	Vulcan St., Saint John
Quebec:	
Canadian Vickers, Limited	4970 Notre Dame St. E., Montreal
Chantier Maritime de St-Laurent Ltée	St-Laurent
Davie Brothers Ltd.	61 Commercial St., Lévis
Davie Shipbuilding Ltd.	Lauzon
Davie, Geo. T., & Sons, Limited	Lauzon
Gaspé Shipbuilding Inc.	Gaspé
Marine Industries, Limited	Tracy
McDonnell Ship Repairs Limited	815 Mill St., Montreal
Montreal Dry Docks, Limited	1151 Mill St., Montreal
St. Lawrence Dry Docks Limited	2050 Notre Dame St. W., Montreal
Talbot, Hunter, Engineering & Boiler Works Ltd.	170 St. Paul St., Quebec
Ontario	
Canadian Dredge & Dock Co., Limited	Ft. of North St., Kingston
Collingwood Shipyards, Div. of Canadian Shipbuilding & Engineering Ltd.	Collingwood
Erieau Shipbuilding & Drydock Co. Ltd.	Erieau
Grant, J.A., & Sons	Port Colborne
Heighton, H.E., & Son Ltd.	130 Mellanby Ave., Port Colborne
Kingston Shipyards, Div. of Canadian Shipbuilding & Engineering Ltd.	Kingston
Port Arthur Shipbuilding Co. Limited	Port Arthur
Port Weller Dry Docks Ltd.	Port Weller
Russel — Hipwell Engines Limited	2202 — 3rd Ave. East, Owen Sound
Ship Repair & Supply Ltd.	80 Commissioners St., Toronto
Toronto Dry Dock Company, Limited	170 Villiers St. Toronto
British Columbia:	
Alert Bay Shipyards Ltd.	Alert Bay
Allied Builders Ltd.	Vancouver
Benson, A.C., Shipyard, Ltd.	1705 W. Georgia St., Vancouver
B.C. Marine Engineers & Shipbuilders, Ltd.	Ft. Victoria Drive, Vancouver
British Columbia Packers Ltd.	Foot Blenheim St., Vancouver
Burrard Dry Dock Company Limited	Esplanade St. E., North Vancouver
Burrard Shipyard & Engineering Works, Limited	1729 W. Georgia St., Vancouver
Burrard Iron Works, Ltd.	235 Alexander St., Vancouver
Canadian Pacific Railway Company	Nelson-Nakusp, Rosebery & Okanagan Landing
Madill, S., Ltd.	Nanaimo
McKenzie Barge & Derrick Co. (1957) Ltd.	Dollarton
Nelson Bros. Fisheries Ltd.	Richmond
Point Hope Shipyards, Limited	Victoria
Star Shipyard (Mercers) Ltd.	61 Duncan St., New Westminster
Sterling Shipyards, Ltd.	North End Victoria Drive, Vancouver
Vancouver Shipyards Ltd.	1881 W. Georgia St., Vancouver
Victoria Machinery Depot Co., Ltd.	33 Dallas Rd., Victoria
West Coast Salvage & Contracting Co. Ltd.	1199 W. — 6th Ave., Vancouver
Withy's Shipyards Ltd.	Silva Bay, Gabriola Island
Yarrows, Limited	Esquimalt

Note: Establishments occupied chiefly in making rowboats, canoes and small vessels of five tons or less are included in the "Boat Building Industry" which is covered in a separate report.

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