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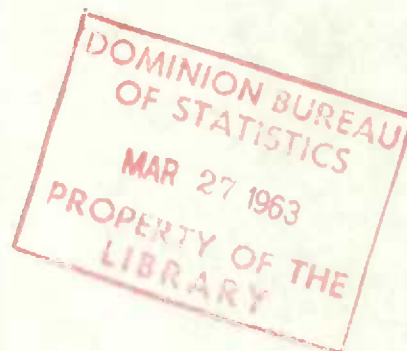
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SHIPBUILDING AND REPAIR

1960

Formerly The Shipbuilding Industry

ANNUAL CENSUS
OF MANUFACTURES



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DOMINION BUREAU OF STATISTICS

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SYMBOLS

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

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

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 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. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

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 1960 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, ware-

housing 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 or 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 revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

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.

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. This practice was followed again in 1960.

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.

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*.

SHIPBUILDING AND REPAIR

1960

Data presented in this report under the heading of Shipbuilding and Repair reflect the implementation of the revised Standard Industrial Classification (S.I.C.) which is being used by the Dominion Bureau of Statistics in its compilation of 1960 industry statistics—see item “Standard Industrial Classification” in the Explanatory notes section of this report. For statistical purposes the Industry titled Shipbuilding and Repair in the revised Standard Industrial Classification covers establishments primarily engaged in building and repairing all types of ships of more than 5 tons displacement. Data on smaller type of craft such as motorboats, sailboats, rowboats, lifeboats and canoes will be found in Catalogue No. 42-206, “Boatbuilding and Repair”.

In many instances adoption of the revised Standard Industrial Classification effected a radical shifting of manufacturing establishments as between industry groupings. However, in the case of establishments engaged in shipbuilding and repairs changes brought about by the implementation of the revised Standard Industrial Classification were minimal as evidenced in the comparative series of statistics presented in Tables 1A and 1B. Table 1A shows data for these establishments according to

the “old” concept while Table 1B carries figures recompiled on the “new” or revised Standard Industrial Classification basis.

There were 66 establishments classified to Shipbuilding and Repair with total employment of 15,061; salaries and wages totalled \$67,472,121; cost of materials used at plant was \$49,890,117; Fuel and electricity cost \$2,038,792; and gross value of production was \$148,295,478.

Note 1. Figures for value added by manufacture prior to 1960 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1960 the “Value added” calculation takes into account the change in finished goods inventory to accommodate products such as tanks, castings and machinery reported in terms of factory shipments rather than production.

Note 2. This industry includes the establishments which were occupied principally in making commercial or naval vessels and also yards which did naval 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.

TABLE 1 A. Principal Statistics of the Shipbuilding Industry Significant Years, 1929 - 59

Basis: Standard Industrial Classification in use prior to 1960.

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	65	16, 132	65, 883, 090	2, 055, 185	50, 673, 132	95, 602, 037	148, 330, 354
1959	65	14, 291	62, 100, 539	2, 045, 530	50, 452, 695	90, 628, 521	143, 126, 746

TABLE 1 B. Principal Statistics, Shipbuilding and Repair, by Provinces, 1957 - 60

Basis: Standard Industrial Classification revised, 1960.

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture	Gross value of production
	number		dollars				
1957							
Newfoundland	5	772	1,906,752	137,889	792,154	2,978,364	3,908,407
Prince Edward Island							
New Brunswick							
Nova Scotia	17	2,748	9,714,861	405,132	8,718,884	13,847,923	22,971,939
Quebec	12	8,005	29,098,402	841,395	32,663,795	38,392,458	71,897,648
Ontario	11	2,038	7,722,135	269,187	10,483,725	11,621,149	22,374,061
British Columbia	25	4,970	23,229,203	482,217	11,690,773	35,162,045	47,335,035
Canada	70	18,533	71,671,353	2,135,820	64,349,331	102,001,939	168,487,090
1958							
Newfoundland	6	716	2,301,610	134,033	649,077	3,589,580	4,372,690
Prince Edward Island							
New Brunswick							
Nova Scotia	17	2,470	8,514,745	325,975	6,431,018	10,523,946	17,280,939
Quebec	12	6,575	26,824,578	800,227	24,921,404	37,441,067	63,162,698
Ontario	12	2,765	10,738,188	356,539	9,783,371	20,503,982	30,643,892
British Columbia	22	3,728	18,121,805	452,905	9,300,419	24,422,155	34,175,479
Canada	69	16,254	66,500,926	2,069,679	51,085,289	96,480,730	149,635,698
1959							
Newfoundland	6	519	2,093,254	113,236	1,101,068	2,961,846	4,176,150
Prince Edward Island							
New Brunswick							
Nova Scotia	17	2,206	8,442,740	382,475	5,316,872	10,836,353	16,535,700
Quebec	12	6,078	25,877,048	793,157	24,071,776	37,087,294	61,952,227
Ontario	12	2,277	9,069,634	358,125	8,140,981	14,792,423	23,291,529
British Columbia	20	3,304	17,086,866	406,501	12,159,169	25,714,837	38,280,507
Canada	67	14,384	62,569,542	2,053,494	50,789,866	91,392,753	144,236,113
1960							
Newfoundland	6	1,552	4,801,357	169,663	2,848,969	5,613,761	8,631,303
Prince Edward Island							
New Brunswick							
Nova Scotia	16	2,029	7,683,674	309,607	5,629,293	8,665,131	14,604,235
Quebec	12	6,687	30,006,545	896,023	24,222,461	48,405,293	73,488,121
Ontario	12	2,190	8,896,087	319,817	10,125,774	15,842,224	26,273,868
British Columbia	20	2,603	13,084,458	343,682	7,063,620	17,891,008	25,297,951
Canada	66	15,061	64,472,121	2,038,792	49,890,117	96,417,417	148,295,478

TABLE 2. Inventories:¹ Shipbuilding and Repair, 1960

	Raw materials and supplies	Goods in process ²	Finished goods of own manufacture	Total
dollars				
Opening:				
Newfoundland	667,394	4,774	10,764	682,932
Prince Edward Island				
New Brunswick				
Nova Scotia				
Quebec				
Ontario				
British Columbia	2,950,093	6,078,807	781	9,029,681
Canada	12,717,682	18,554,663	191,319	31,463,664
Closing:				
Newfoundland	850,624	559,242	11,854	1,421,720
Prince Edward Island				
New Brunswick				
Nova Scotia				
Quebec				
Ontario				
British Columbia	3,264,932	2,415,900	1,140	5,681,972
Canada	13,767,554	11,866,576	242,167	25,876,297

¹ Book value of all manufacturing inventories owned and held at plant and plant warehouses.² Adjusted to allow for progress payments.

TABLE 3. Factory Shipments: Shipbuilding and Repair, 1960

Item	Number of vessels delivered	Gross tonnage	Value of deliveries
		tons	\$
Naval vessels, all types	—	—	—
Commercial vessels:			
Cargo and Cargo-passenger vessels	4	53,358	20,167,309
Dredges	3		528,888
Ferries	4		6,754,865
Fishing boats	15		2,617,518
Passenger ships	—		—
Scows and barges	31		2,879,588
Tankers	3		11,273,243
Tugs	19		1,710,119
Small craft — With power	14		133,123
Without power	13		27,964
All other commercial vessels	8		29,982,447
Total all vessels	114		76,075,064
			Value
			\$
Other production:			
Work done during year on undelivered vessels and on reconditioning and conversion			27,662,812
Repairs done to vessels during the year			45,149,885
Miscellaneous products (boilers, engines, etc.)			33,694,815
Total value of deliveries and other production			182,582,576
Less value of work done in previous years on vessels delivered in current year and on reconditioning and conversion			34,287,098
Total production for year			148,295,478

TABLE 4. Materials Used : Shipbuilding and Repair, 1960

Material		Quantity	Cost at works
			\$
Iron:			
Pig iron	net ton	389	25,316
Castings, gray and malleable	"	743	234,694
Castings, steel	"	822	385,546
Steel (other than special alloy):			
Bars	"	5,252	1,209,606
Plates	"	56,319	7,230,202
Sheets:			
Plain	"	2,218	335,445
Galvanized	"	766	160,051
Strip	"	403	60,597
Structural shapes	"	13,728	2,546,169
Wire	"	1,031	243,799
Alloy steel in all forms	688,779
Scrap iron and steel of all kinds	net ton	820	28,022
Iron and steel pipe and fittings	1,655,066
Other iron and steel	876,808
Non-ferrous metals:			
Aluminum - Castings	pound	11,856	13,868
Sheet	"	291,495	141,886
Other forms	"	82,495	67,135
Brass and bronze	"	868,669	688,894
Copper - Sheet	"	190,655	157,583
Wire	"	7,990	6,498
Other forms	"	60,563	39,130
Lead	"	55,221	11,954
Nickel	"	2,383	1,935
Tin	"	26	29
Zinc	"	198,470	37,874
Babbit metals and solders	"	80,279	78,559
Other non-ferrous metals	1,438
Other materials and supplies:			
Paint and varnishes	662,006
Lumber	M ft. b.m.	6,756	746,301
Timber	"	1,360	200,185
Engines purchased		-	3,807,169
Boilers purchased		-	617,997
Electrical equipment purchased	2,987,994
Auxiliary equipment purchased	6,298,611
All other materials ¹	17,643,061
Total	49,890,117

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 \$3,054,906 and this amount is included in "All other materials and supplies".

TABLE 5. Value of Shipbuilding, 1951-60

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					
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	42,074,787
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	43,744,186
1959	144,922,659	107,054,917	33,729,302	71,597,044	45,097,519
1960	76,075,064	34,287,098	27,662,812	69,450,778	33,694,813

¹ Includes value of work done on reconditioning and conversion.

**TABLE 6. Principal Statistics classified according to Type of Ownership:
Shipbuilding and Repair, 1957 and 1960**

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Gross value of production
	number		dollars			
1957						
Individual ownership	5	65	166,681	11,615	149,846	409,084
Partnerships	2					
Incorporated companies	63	18,468	71,504,672	2,124,205	64,199,485	168,078,006
Totals	70	18,533	71,671,353	2,135,820	64,349,331	168,487,090
1960						
Individual ownership	2	29	79,672	4,585	67,276	176,637
Partnerships	1					
Incorporated companies	63	15,032	64,392,449	2,034,207	49,822,841	148,118,841
Totals	66	15,061	64,472,121	2,038,792	49,890,117	148,295,478

**TABLE 7. Principal Statistics grouped according to Value of Production:
Shipbuilding and Repair, 1957 and 1960**

Establishments reporting value of production	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Gross Value of production
	number		dollars			
1957						
\$ 10,000 to \$ 24,999	1	26	64,362	1,878	35,048	141,041
25,000 " 49,999	3					
50,000 " 99,999	6					
100,000 " 199,999	12	239	752,103	42,933	535,736	1,740,365
200,000 " 499,999	19	824	3,052,110	98,080	2,261,253	6,376,692
500,000 " 999,999	11	872	3,389,627	116,971	2,017,242	7,471,512
1,000,000 " 4,999,999	8	2,041	6,602,851	291,668	3,937,783	14,655,030
5,000,000 and over	10	14,462	57,615,169	1,573,890	55,356,108	137,685,918
Totals	70	18,533	71,671,353	2,135,820	64,349,331	168,487,090
1960						
Under \$50,000	2	82	240,678	15,482	187,582	595,113
\$ 50,000 to \$ 99,999	7					
100,000 " 199,999	8					
200,000 " 499,999	17	688	2,786,226	112,461	1,580,780	5,790,483
500,000 " 999,999	14	1,224	4,826,540	183,512	2,791,929	9,636,191
1,000,000 " 4,999,999	9	2,042	8,737,479	332,618	7,250,146	20,339,102
5,000,000 and over	9	10,853	47,382,803	1,379,352	37,608,531	110,760,027
Totals	66	15,061	64,472,121	2,038,792	49,890,117	148,295,478

TABLE 8. Employees and Their Earnings: Shipbuilding and Repair, 1959 and 1960

Province	Employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
1959	number					dollars		
Newfoundland	149	34	331	5	519	581,968	1,511,286	2,093,254
Prince Edward Island								
New Brunswick	162	61	1,969	14	2,206	990,833	7,451,907	8,442,740
Nova Scotia	896	208	4,966	8	6,078	5,798,143	20,078,905	25,877,048
Quebec	267	69	1,937	4	2,277	1,491,325	7,578,309	9,069,634
Ontario	379	130	2,791	4	3,304	2,815,934	14,270,932	17,086,866
British Columbia								
Canada	1,853	502	11,994	35	14,384	11,678,203	50,891,339	62,569,542
1960								
Newfoundland	272	52	1,228	—	1,552	1,053,114	3,748,243	4,801,357
Prince Edward Island								
New Brunswick	155	54	1,808	12	2,029	1,001,751	6,681,923	7,683,674
Nova Scotia	1,125	221	5,328	13	6,687	7,291,585	22,714,960	30,006,545
Quebec	259	61	1,866	4	2,190	1,455,086	7,441,001	8,996,087
Ontario	325	121	2,152	5	2,603	2,641,499	10,442,959	13,084,458
British Columbia								
Canada	2,136	509	12,382	34	15,061	13,443,035	51,029,086	64,472,121

TABLE 9. Production Workers, by Months: Shipbuilding and Repair, 1960

Month	Establishments reporting monthly detail ¹	
	Male	Female
January	11,288	23
February	12,497	24
March	12,791	23
April	12,906	23
May	12,485	25
June	12,337	25
July	11,337	25
August	10,397	26
September	10,689	28
October	10,320	28
November	10,108	28
December	9,464	28
Average for establishments reporting monthly detail	11,387	28
Average estimated for small establishments ²	995	6
Average for all establishments	12,382	34

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. Fuel and Electricity Used: Shipbuilding and Repair, 1960

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines ton	5,038	70,396
(b) Imported "	8,323	94,279
Coke "	136	4,095
Gasoline (including gasoline used in cars and trucks) Imp. gal.	348,992	122,227
Fuel oil including kerosene or coal oil "	5,528,052	626,896
Gas—Liquefied petroleum gases "	22,534	8,774
Other fuel "	..	49,319
Electricity purchased kwh.	79,017,023	887,288
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity "	...	175,518
3. All establishments:		
Total cost of fuel and electricity "	...	2,038,792

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

Directory of Firms: Shipbuilding and Repair, 1960

Name	Address
Newfoundland:	
Newfoundland Shipyards Ltd.	Clareville
Marystown Shipyards	
% Newfoundland Fisheries Development Authority	P.O. Box E. 5426, St. Johns
Prince Edward Island:	
Charlottetown Marine Industries Ltd.	Lower Water St., Charlottetown
Nova Scotia:	
Collings, Wm. & Sons, Ltd.	711 Barrington St. Halifax
Halifax Shipyards, Div. of Dominion Coal & Steel Corp. Ltd.	Halifax and Dartmouth
Hogan, T. Co. Limited	121 Lower Water St., Halifax
Ferguson Industries Ltd.	Pictou
Leary's Shipyards	Dayspring
Lunenburg Foundry & Engineering Ltd.	Lunenburg
McKay, W.C. & Sons, Ltd.	Shelburne
North Sydney Marine Railway Co. Ltd.	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. Lawrence	Water St., Yarmouth
Sydney Engineering & Dry Dock Co. Ltd.	Esplanade, Sydney
Therault, A.F. & Son, Ltd.	Meteghan River, Digby County
Wagstaff & Hatfield, Ltd.	Port Greville
New Brunswick:	
St. John Dry Dock Co., Ltd.	Bayside Drive, East Saint John
St. John Iron Works, Ltd.	Vulcan St., Saint John



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Directory of Firms: Shipbuilding and Repair, 1960 — Concluded

Name	Address
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.	22 Geo. D. Davie St., Lauzon
Davie, Geo. T. & Sons, Ltd.	27 Geo. D. Davie St., Lauzon
Gaspé Shipbuilding, Inc.	Gaspé
Marine Industries, Ltd.	Tracy
McDonnell Ship Repairs, Ltd.	815 Mill St., Montreal
Montreal Dry Docks, Ltd.	1151 Mill St., Montreal
St. Lawrence Dry Docks, Ltd.	2050 Notre Dame St. W., Montreal
Talbot, Hunter, Engineering & Boiler Works, Ltd.	170 St. Paul St., Quebec
Walsh, W.F. Limited	56 Prince St., Montreal
Ontario:	
Canadian Dredge & Dock Co. Ltd.	Ft. of North St., Kingston
Collingwood Shipyards, Div. of Canadian Shipbuilding & Engineering Ltd.	Collingwood
Erieau Shipbuilding & Dry Dock Co. Ltd.	Erieau
Grant, J.A., & Sons	124 Mellanby Ave., Port Colborne
Heighton, H.E., & Son, Ltd.	130 Mellanby Ave., Port Colborne
Kingston Shipyards, Div. of Canadian Shipbuilding & Engineering Ltd.	Kingston
Marsh, E.G., Ltd.	118 West St., Port Colborne
Port Arthur Shipbuilding Co. Ltd.	Port Arthur
Port Weller Dry Docks Ltd.	P.O. Box 296, St. Catharines
Russel-Hipwell Engines Ltd.	2202-3rd. Ave. E., Owen Sound
Ship Repair & Supply Ltd.	80 Commissioners St., Toronto
Toronto Dry Dock Co., Ltd.	170 Villiers St., Toronto
British Columbia:	
Alert Bay Shipyards, Ltd.	Alert Bay
Allied Builders Ltd.	145 W. First Ave., Vancouver
Benson, A.C. Shipyard Ltd.	Rear 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 Co., Ltd.	109 Esplanade E., North Vancouver
Burrard Shipyard & Engineering Works, Ltd.	1729 W. Georgia St., Vancouver
Burrard Iron Works, Ltd.	235 Alexander St., Vancouver
Canadian Pacific Railway Co.	Okanagan Landing
Madill, S., Limited	62 Arena St., Nanaimo
McKay-Cormack Ltd.	130 Kingston St., Victoria
McKenzie Barge & Derrick Co. (1957) Ltd.	Dollarton
Nelson Bros. Fisheries Ltd.	2374 Dyke Rd., New Westminster
Point Hope Shipyards, Ltd.	335 Harbour Rd., Victoria
Star Shipyard (Mercers) Ltd.	61 Duncan St., New Westminster
Sterling Shipyards Ltd.	North End Victoria Dr., 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
Yarrows, Limited	Canteen Rd., Esquimalt

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