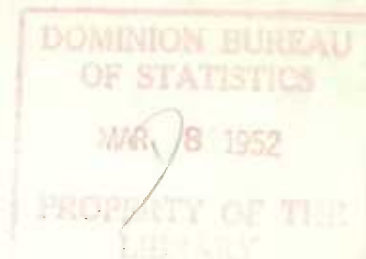


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935 THE SHIPBUILDING INDUSTRY
1950

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XIII, Transportation Equipment. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review, 25¢.
- B The Aircraft and Parts Industry, 25¢.
- C The Bicycle Manufacturing Industry, 25¢.
- D The Boat Building Industry, 25¢.
- E The Motor Vehicles Industry, 25¢.
- F The Motor Vehicle Parts Industry, 25¢.
- G The Railway Rolling Stock Industry, 25¢.
- H The Shipbuilding Industry, 25¢.
- I Miscellaneous Transportation Equipment, 25¢.

THE SHIPBUILDING INDUSTRY

1950

The value of production from Canadian shipyards amounted to \$63,676,556 in 1950, compared with \$75,601,385 in 1949 and \$106,783,268 in 1948.

The 76 shipyards which were included in this industry in 1950 employed 11,454 workers during the year and paid out \$28,356,192 in salaries and wages, \$25,242,491 for materials for shipbuilding and \$1,332,569 for fuel and electricity.

The 26 establishments on the west coast with production at \$12,798,980 accounted for 20 per cent of the total for Canada and the 11 yards in Quebec with output at \$24,344,160 accounted for 38 per cent.

This industry includes the establishments which were occupied in making commercial or naval vessels, and also the yards which did ship repair work or were engaged in outfitting ships for delivery.

TABLE 1. Principal Statistics of The Shipbuilding Industry, 1946 - 1950

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Net ¹ value of production
			\$	\$	\$	\$	\$
1946.....	79	20,246	40,975,731	1,400,316	25,915,348	91,851,460	64,535,796
1947.....	74	21,119	46,457,707	1,653,601	37,263,603	110,131,129	71,213,925
1948.....	76	18,399	44,998,444	1,701,728	38,999,154	106,783,268	66,062,386
1949.....	80	12,562	30,909,310	1,369,141	28,285,590	75,601,385	45,946,654
1950.....	76	11,454	28,356,192	1,332,569	25,242,491	63,676,556	37,111,496
Per cent change, 1950 from 1949.....	—	- 8.8	- 8.3	- 2.7	- 10.8	- 15.8	- 19.2

1. Gross value less cost of materials, fuel and electricity.

Note. Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics, by Provinces, 1949 and 1950

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1949						
Newfoundland	1	2,906	6,803,355	324,180	5,590,498	15,219,943
Nova Scotia	21					
New Brunswick	2					
Quebec	12	4,461	11,048,142	530,673	14,475,899	32,703,087
Ontario	17	2,591	5,768,578	263,522	4,583,828	13,396,694
British Columbia.....	27	2,604	7,289,235	250,786	3,635,365	14,281,661
Canada	80	12,562	30,909,310	1,369,141	28,285,590	75,601,385
1950						
Newfoundland.....	1	2,389	5,571,164	326,185	3,482,761	10,161,491
Nova Scotia	21					
New Brunswick	2					
Quebec	11	4,046	10,165,048	461,194	10,983,913	24,344,160
Ontario	15	2,575	6,239,490	292,367	6,999,052	16,371,925
British Columbia.....	26	2,444	6,380,490	252,823	3,776,765	12,798,980
Canada	76	11,454	28,356,192	1,332,569	25,242,491	63,676,556

TABLE 3. Products Made in the Shipbuilding Industry, 1949 and 1950

Product	1949			1950		
	No. of vessels delivered	Gross tonnage	Value of deliveries	No. of vessels delivered	Gross tonnage	Value of deliveries
			\$			\$
Naval vessels, all types	—	—	66,000	3	—	1,576,262
Commercial vessels:						
Cargo and cargo-passenger vessels	16	55,560	28,711,414	10	29,168	13,683,373
Dredges	3	—	329,368	3	2,731	3,501,754
Ferries	7	—	690,193	1	—	326,232
Fishing boats	—	—	471,468	28	—	399,176
Passenger ships	—	—	—	—	—	—
Scows and barges	—	—	5,243,964	50	—	599,392
Tankers	—	—	—	1	—	788,863
Tugs	47	—	584,232	9	—	397,935
Small craft:						
With power	—	—	294,979	77	—	300,605
Without power	—	—	32,764	27	—	31,597
All other commercial vessels	—	—	69,530	27	—	4,097,789
Total commercial vessels	—	—	36,427,912	233	—	24,126,716
				Value		Value
				\$		\$
Other production:						
Work done during year on undelivered vessels				16,074,504		16,659,090
Repairs done to vessels during the year				27,613,026		27,011,849
Miscellaneous products (boilers, engines, etc.)				11,320,090		10,510,366
Total value of deliveries and other production				91,501,532		79,884,283
Less value of work done in previous years on vessels delivered in current year				15,900,147		16,207,727
Total production for year				75,601,385		63,676,556

TABLE 4. Materials Used in the Shipbuilding Industry, 1949 and 1950

Material		1949		1950	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron:					
Pig iron	Net tons	595	28,197	676	33,991
Iron castings of all kinds	"	1,289	262,310	1,236	357,852
Steel (other than special alloy):					
Steel castings	"	1,678	524,898	1,029	385,495
Bars	"	2,601	304,078	2,189	263,968
Forgings	"	—	231,840	—	346,561
Plates:					
Boiler	"	4,968	447,948	2,787	315,719
Other	"	23,068	2,217,395	32,652	3,233,076
Shafting	"	915	200,217	740	192,831
Sheets:					
Plain	"	2,059	219,693	3,021	383,846
Galvanized	"	563	91,685	469	73,692
Tinplate	"	—	1,881	—	6,385
Strip	"	383	47,892	222	30,940
Structural shapes	"	6,456	663,162	11,505	1,092,031
Boiler tubes	"	334	97,724	—	54,337
Wire	"	—	204,537	—	117,228
Alloy steel in all forms	"	—	140,367	—	292,779
Scrap iron and steel of all kinds	net tons	1,823	48,182	2,254	59,847
Other iron and steel	—	—	130,071	—	73,134
Non-ferrous metals:					
Aluminum	pounds	201,887	65,673	823,211	362,578
Brass and bronze	"	996,229	331,731	1,034,912	379,239
Copper	"	242,165	70,260	205,869	83,243
Lead	"	50,343	11,211	48,311	9,452
Nickel	"	5,186	2,054	4,953	1,977
Tin	"	174	204	915	774
Zinc	"	104,080	23,899	99,790	17,738
Babbitt metals and solders	"	105,387	69,952	93,621	100,607
Other metals	—	—	98,555	—	66,606
Other materials and supplies:					
Iron and steel pipe and fittings	—	—	890,498	—	834,150
Lumber	M ft., b.m.	12,787	1,456,703	10,482	1,302,483
Timber	"	1,795	187,332	1,534	172,081
Oxygen	cu. ft.	28,335,322	342,295	31,119,032	345,710
Acetylene	"	6,614,784	170,003	5,415,171	145,993
Engines purchased	—	—	2,433,648	—	2,536,350
Boilers purchased	—	—	143,179	—	205,368
Electrical equipment purchased	—	—	1,685,751	—	1,288,743
All other materials	—	—	14,440,565	—	10,135,692
Total	—	—	28,283,590	—	25,242,491

TABLE 5. Value of Shipbuilding, 1941-1950

Year	Value of ships delivered during the year	Less value of work done in previous years on ships delivered in current year	Add value of work done on ships not completed at year end	Total value of new construction	Value of ship repairs
	(dollars)				
1941	55,119,904	17,997,998	48,425,609	85,547,515	19,900,616
1942	169,860,076	40,713,154	79,566,438	208,713,360	27,734,479
1943	305,933,303	69,846,518	98,384,791	334,471,576	34,382,613
1944	261,566,009	85,355,741	68,759,297	244,969,565	63,104,439
1945	165,340,341	84,610,569	44,531,776	145,261,548	44,337,794
1946	44,749,959	15,362,051 ¹	25,535,274	54,903,182	28,644,712
1947	49,241,998	22,787,680	33,969,893	60,424,231	42,077,069
1948	91,164,330	46,251,542	19,182,147	84,094,935	31,084,414
1949	36,493,912	15,900,147	16,074,504	38,668,269	27,613,026
1950	24,126,716	16,207,727	16,659,090	24,578,079	27,011,849

1. The large discrepancy between these figures is due chiefly to the cancellation of wartime contracts and to the fact that several of the yards engaged in such work ceased operations during the year and no reports were received for inclusion in the 1946 totals.

TABLE 6. Employees and Their Earnings in the Shipbuilding Industry, by Provinces, 1949 and 1950

Province	Number of employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
1949						\$	\$	\$
Newfoundland, Nova Scotia and New Brunswick	211	71	2,575	49	2,906	814,451	5,988,904	6,803,355
Quebec	480	116	3,830	35	4,461	2,049,938	8,998,204	11,048,142
Ontario	217	66	2,296	12	2,591	823,850	4,944,728	5,768,578
British Columbia	325	75	2,196	8	2,604	1,393,184	5,896,051	7,289,235
Total	1,233	328	10,897	104	12,562	5,081,423	25,827,887	30,909,310
1950								
Newfoundland, Nova Scotia and New Brunswick	204	62	2,089	34	2,389	801,925	4,769,239	5,571,164
Quebec	520	133	3,359	34	4,046	2,189,576	7,975,472	10,165,048
Ontario	212	59	2,302	2	2,575	856,737	5,382,753	6,239,490
British Columbia	298	68	2,043	35	2,444	1,314,372	5,066,118	6,380,490
Total	1,234	322	9,793	105	11,434	5,162,610	23,193,582	28,356,192



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List of Firms in the Shipbuilding Industry, 1950

Name of firm	Location of shipyard
Newfoundland:	
Newfoundland Shipyards Limited	Clarenville
Nova Scotia:	
Atlantic Shipyards Ltd.	Meteghan
Boudreau, Charles M.	Upper Wedgeport
Collings, Wm., & Sons, Limited	711 Barrington St., Halifax
Halifax Shipyards, Limited	Halifax and Dartmouth
Hogan T. & Company	121 Lower Water St., and 298 Upper water St., Halifax
Leary's Shipyards	Dayspring
Lunenburg Foundry Co. Limited	Lunenburg
McKay, W. C., & Sons, Limited	Shelburne
North Sydney Marine Railway Company, Limited	North Sydney
Pictou Foundry & Machine Company Limited	Front St., Pictou
Pinaud's, Walter, Yacht Yard	Baddeck
Port Hawkesbury Marine Railway Co. Ltd.	Port Hawkesbury
Purdy Brothers, Limited	67 Upper Water St., Halifax
Shelburne Shipbuilders, Ltd.	Dock St., Shelburne
Smith & Rhuland, Limited	Lunenburg
Steel & Engine Products Ltd.	Water St., Liverpool
Sweeney, W. Laurence	Water St., Yarmouth
Sydney Engineering & Dry Dock Co. Ltd.	Esplanade, Sydney
Theriault, A. F.	Meteghan River, Digby County
Wagstaff & Hatfield	Port Greville
Weagle, Hugh D.	Ft. Canal St., Dartmouth
New Brunswick:	
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 Shipbuilding & Repairing Co. Ltd.	Lauzon
Davie, Geo. T., & Sons, Limited	Lauzon
Hailey Craft	North Hatley
Marine Industries, Limited	Sorel
MacQueen, Donald, Co. Ltd.	831 Wellington St., Montreal
McDonnell Ship Repairs Limited	353 St. Nicholas St., Montreal
Montreal Dry Docks, Limited	1151 Mill St., Montreal
Norwegian Woodcraft Ltd.	2255 Westhill Ave., Montreal
St. Lawrence Dry Docks Limited	Rear 2050 Notre Dame St. W., Montreal
Ontario:	
Canadian Dredge & Dock Co., Limited	Wellington St., Kingston
Canadian Shipbuilding & Engineering Limited	Kingston
Collingwood Shipyards Limited, The	Collingwood
Erieau Shipbuilding & Drydock Co.	Erieau
Grant, J. A., & Sons	Port Colborne
Greavette Boats, Limited	Humber Bay and Gravenhurst
Heighton, H. E., & Son	130 Mellanby Ave., Humberstone
Magee, E. B., Ltd.	Port Colborne
Midland Shipyards, Limited	Midland
Muir Bros. Dry Dock Company, Limited	Port Dalhousie
Northern Shipbuilding & Repair Co. Ltd.	Bronte
Port Weller Dry Docks Limited	Port Weller
Port Arthur Shipbuilding Co., Limited	Port Arthur
Taylor, J. & J., & Sons, Ltd.	Ft. of Bathurst St., Toronto
Toronto Dry Dock Company, Limited	170 Villiers St., Toronto
British Columbia:	
Allied Builders Ltd.	Vancouver
Beach Avenue Shipyards (1932) Ltd.	944 Beach Ave., Vancouver
Benson, A. C., Shipyard, Ltd.	1705 W. Georgia St., Vancouver
B. C. Marine Engineers & Shipbuilders, Ltd.	Ft. Victoria Drive, Vancouver
Black Ball Towing Co. Ltd.	650 Denman St., 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
Fosters' Shipyard	419 Bay St., Victoria
Madill, S., Ltd.	Nanaimo
McKenzie Barge & Derrick Co. Ltd.	Vancouver
Nelson Bros. Fisheries Ltd.	2374 Dyke Rd., Queensboro, New Westminster
Pacific Drydock Company Limited	171 W. Esplanade, N. Vancouver
Park Shipyards Ltd.	Vancouver
Point Hope Shipyards, Limited	Victoria
Prince Rupert Dry Dock and Shipyard	Prince Rupert
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.	343 Bay St., Victoria
West Coast Shipbuilders, Ltd.	145 West 1st. Ave., Vancouver
West Coast Salvage & Contracting Co. Ltd.	1199 W. - 6th Ave., Vancouver
Wright Shipyards	Broughton St., Vancouver
Yarrows, Limited	Esquimalt

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