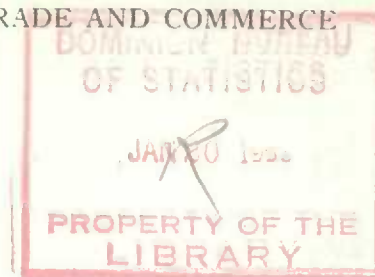


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CANADA



THE SHIPBUILDING INDUSTRY 1951

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 4 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Construction; **Volume IV**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50.
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢.
 - Section 2. Principal Statistics of Individual Industries, 75¢.
 - Section 3. Principal Statistics by Regional Distribution, 75¢.
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part XI, 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—The Miscellaneous Transportation Equipment Industry, 25¢.

THE SHIPBUILDING INDUSTRY

1951

The value of production from Canadian shipyards amounted to \$95,218,518 in 1951, compared with \$63,676,556 in 1950 and \$75,601,385 in 1949.

The 76 shipyards which were included in this industry in 1951 employed 14,836 workers during the year and paid out \$40,104,531 in salaries and wages, \$35,316,718 for materials for shipbuilding and \$1,445,398 for fuel and electricity.

The 10 establishments in Quebec with production at \$33,918,030 accounted for 36 per cent of the total for Canada and 15 yards in Ontario with output at \$25,256,526 accounted for 26 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, 1947-1951

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
			\$	\$	\$	\$	\$
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	66,082,386
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
1951	76	14,836	40,104,531	1,445,398	35,316,718	95,218,518	58,456,402
Per cent change, 1951 from 1950	—	+29.5	+41.4	+8.5	+39.9	+49.5	+57.5

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.

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

TABLE 2. Principal Statistics, by Provinces, 1950 and 1951

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
			\$	\$	\$	\$
1950						
Newfoundland.....	1	553	1,317,083	91,763	604,105	2,496,244
New Brunswick	2					
Nova Scotia	21	1,836	4,254,081	234,422	2,878,656	7,665,247
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
1951						
Newfoundland.....	2	931	1,654,435	88,967	1,320,627	4,134,663
New Brunswick	2					
Nova Scotia	20	2,128	5,514,441	246,599	3,714,699	10,866,436
Quebec	10	5,131	13,266,056	473,294	12,803,604	33,918,030
Ontario	15	3,162	8,542,512	339,504	11,525,648	25,256,526
British Columbia	27	3,484	11,127,087	297,034	5,952,140	21,042,863
Canada	76	14,836	40,104,531	1,445,398	35,316,718	95,218,518

TRANSPORTATION EQUIPMENT

TABLE 3. Products made in the Shipbuilding Industry, 1950 and 1951

Product	1950			1951		
	No. of vessels delivered	Gross tonnage	Value of deliveries	No. of vessels delivered	Gross tonnage	Value of deliveries
			\$			\$
Naval vessels, all types	3	—	1,576,262	2	—	330,803
Commercial vessels:						
Cargo and cargo-passenger vessels	10	29,168	13,683,373	1	9,060	3,733,791
Dredges	3	2,731	3,501,754	—	—	—
Ferries	1	—	326,232	5	—	3,613,878
Fishing boats	28	—	399,176	51	—	906,491
Passenger ships	—	—	—	—	—	—
Scows and barges	50	—	599,392	17	—	562,458
Tankers	1	—	788,863	3	—	8,759,164
Tugs	9	—	397,935	23	—	179,385
Small craft:						
With power	77	—	300,605	57	—	309,524
Without power	27	—	31,597	4	—	11,250
All other commercial vessels	27	—	4,097,789	15	—	536,227
Total commercial vessels	233	—	24,126,716	178	—	18,942,971
			Value			
			\$			\$
Other production:						
Work done during year on undelivered vessels			16,659,090			36,122,684
Repairs done to vessels during the year			27,011,849			35,443,294
Miscellaneous products (boilers, engines, etc.)			10,510,366			16,789,756
Total value of deliveries and other production			79,884,283			107,298,705
Less value of work done in previous years on vessels delivered in current year			16,207,727			12,080,187
Total production for year			63,676,556			95,218,518

TABLE 4. Materials Used in the Shipbuilding Industry, 1950 and 1951

Material	Unit of measure	1950		1951	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron:					
Pig iron	net ton	676	33,991	781	43,233
Iron castings of all kinds	"	1,236	357,852	1,378	405,222
Steel (other than special alloy):					
Steel castings	net ton	1,029	385,495	1,164	446,330
Bars	"	2,189	263,968	2,702	384,909
Forgings	"	—	346,561	—	418,378
Plates	"	35,439	3,548,795	50,883	5,552,201
Shafting	"	740	192,831	758	245,100
Sheets:					
Plain	net ton	3,021	383,846	1,841	269,572
Galvanized	"	469	73,692	369	67,031
Tinplate	"	—	6,385	7	1,419
Strip	"	222	30,940	171	36,158
Structural shapes	"	11,505	1,092,031	15,347	1,636,818
Wire	"	—	117,228	—	149,942
Alloy steel in all forms	—	—	292,779	—	393,340
Scrap iron and steel of all kinds	net ton	2,254	59,847	2,249	75,742
Other iron and steel	—	—	127,471	—	204,524
Non-ferrous metals:					
Aluminum	pound	823,211	362,578	3,287,654	1,627,123
Brass and bronze	"	1,034,912	379,239	1,046,489	482,098
Copper	"	205,869	83,243	228,224	95,946
Lead	"	48,311	9,452	75,653	17,266
Nickel	"	4,953	1,977	3,396	1,395
Tin	"	915	774	1,112	1,212
Zinc	"	99,790	17,738	128,437	23,149
Babbitt metals and solders	"	93,621	100,607	129,556	120,716
Other metals	—	—	66,606	—	75,034
Other materials and supplies:					
Iron and steel pipe and fittings	—	—	834,150	—	1,652,443
Lumber	M ft. b.m.	10,482	1,302,483	11,772	1,449,426
Timber	"	1,534	172,081	2,121	271,366
Oxygen	cu. ft.	31,119,032	345,710	32,543,614	393,392
Acetylene	"	5,415,171	145,993	6,933,458	177,691
Engines purchased	—	—	2,536,330	—	2,824,737
Boilers purchased	—	—	205,383	—	229,786
Electrical equipment purchased	—	—	1,228,743	—	1,738,328
All other materials	—	—	10,135,692	—	13,805,691
Total	—	—	25,242,491	—	35,316,718

TABLE 5. Value of Shipbuilding, 1942-1951

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)				
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	64,610,569	44,531,776 ¹	145,261,548	44,337,794
1946	44,749,959	15,382,051 ¹	25,535,274	54,903,182	28,644,712
1947	49,241,998	22,787,660	33,969,893	60,424,231	42,077,069
1948	91,164,330	46,251,542	19,182,147	64,094,935	31,084,414
1949	36,493,912	15,900,147	16,074,504	36,668,269	27,613,026
1950	24,126,716	16,207,727	16,659,090	24,578,079	27,011,849
1951	18,942,971	12,080,187	36,122,684	42,985,468	35,122,684

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, 1950 and 1951

Province	Number of employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
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
1951								
Newfoundland, Nova Scotia and New Brunswick	216	72	2,740	31	3,059	909,637	6,259,239	7,168,876
Quebec	705	162	4,224	40	5,131	2,657,929	10,608,127	13,266,056
Ontario.....	211	66	2,878	7	3,162	913,751	7,628,761	8,542,512
British Columbia	308	83	3,085	8	3,484	1,623,531	9,503,556	11,127,087
Total	1,440	383	12,927	86	14,836	6,104,848	33,999,683	40,104,531



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List of Firms in the Shipbuilding Industry, 1951

Name of firm	Location of shipyard
Newfoundland:	
Burry's Shipyard	Bonavista Bay
Newfoundland Shipyards Limited	Clarenville
Nova Scotia:	
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
MacLean, John, & Sons, Limited	Mahone Bay
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
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
Therlault, 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
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 Co. 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:	
Alert Bay Shipyards Ltd.	Alert Bay
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
Northwest Marine Repairs Ltd.	1352 Powell St., Vancouver
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 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.