

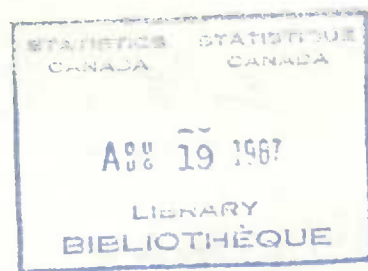
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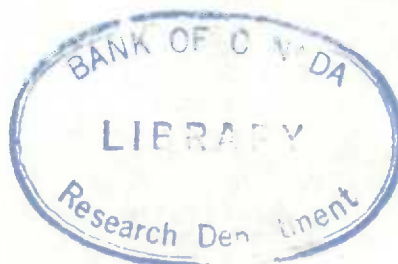
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CANADA



THE SHIPBUILDING INDUSTRY 1952



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—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

1952

The value of production from Canadian shipyards amounted to \$159,057,949 in 1952, compared with \$95,218,518 in 1951 and \$63,676,556 in 1950.

The 74 shipyards which were included in 1952 employed 20,676 workers during the year and paid out \$61,700,312 in salaries and wages, \$60,247,318 for materials for shipbuilding and \$2,072,958 for fuel and electricity.

The 12 establishments in Quebec with production at \$65,816,898 accounted for 41 per cent of the total for Canada

and the 13 yards in Ontario with output at \$34,266,558 accounted for 21 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. The government naval dockyards on the east and west coasts have not been included, although a considerable amount of repairs and overhauling was done at these stations.

TABLE 1. Principal Statistics of The Shipbuilding Industry, 1948-1952

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
			\$	\$	\$	\$
1948	76	18,399	44,998,444	1,701,728	38,999,154	106,783,268
1949	80	12,562	30,909,310	1,369,141	28,285,590	75,601,385
1950	76	11,454	28,356,192	1,332,569	25,242,491	63,676,556
1951	76	14,836	40,104,531	1,445,398	35,316,718	95,218,518
1952	74	20,676	61,700,312	2,072,958	60,247,318	159,057,949
Per cent change, 1952 from 1951	—	+ 39.4	+ 53.8	+ 43.4	+ 70.6	+ 67.0

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, 1951 and 1952

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
			\$	\$	\$	\$
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
1952						
Newfoundland	1	1,308	2,826,690	128,986	2,381,234	7,354,849
Prince Edward Island	1					
New Brunswick	2					
Nova Scotia	19	2,984	8,541,349	314,360	7,544,041	20,975,702
Quebec	12	8,458	24,106,231	918,015	24,387,848	65,816,898
Ontario	13	4,088	12,514,735	382,876	15,634,306	34,266,558
British Columbia	26	3,838	13,711,307	328,721	10,299,889	30,643,942
Canada	74	20,676	61,700,312	2,072,958	60,247,318	159,057,949

TABLE 3. Products made in the Shipbuilding Industry, 1951 and 1952

Product	1951			1952		
	No. of vessels delivered	Gross tonnage	Value of deliveries	No. of vessels delivered	Gross tonnage	Value of deliveries
Naval vessels, all types	2	—	\$ 330,803	3	—	\$ 4,249,816
Commercial vessels:						
Cargo and cargo-passenger vessels	1	9,060	3,733,791	6	57,091	17,935,109
Dredges	—	—	—	1	714	731,325
Ferries	5	—	3,613,878	4	—	329,637
Fishing boats	51	—	906,491	23	—	936,569
Passenger ships	—	—	—	—	—	—
Scows and barges	17	—	562,458	22	—	753,793
Tankers	3	—	8,759,164	2	25,276	8,674,242
Tugs	23	—	179,385	27	—	669,490
Small craft:						
With power	57	—	309,524	2	—	4,750
Without power	4	—	11,250	26	—	6,734
All other commercial vessels	15	—	536,227	56	—	590,273
Total commercial vessels	176	—	18,612,168	169	—	30,631,922
			Value			
			\$			\$
Other production:						
Work done during year on undelivered vessels			36,122,684			64,777,915
Repairs done to vessels during the year			35,443,294			47,578,971
Miscellaneous products (boilers, engines, etc.)			16,789,756			28,905,163
Total value of deliveries and other production			107,298,705			176,143,787
Less value of work done in previous years on vessels delivered in current year			12,080,187			17,085,838
Total production for year			95,218,518			159,057,949

TABLE 4. Materials Used in the Shipbuilding Industry, 1951 and 1952

Material	Unit of measure	1951		1952	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron:					
Pig iron	net ton	781	43,233	834	48,034
Iron castings of all kinds	"	1,378	405,222	1	1
Steel (other than special alloy):					
Steel castings	net ton	1,184	446,330	1	1
Bars	"	2,702	384,909	6,343	1,131,900
Forgings	"	—	418,378	—	—
Plates	net ton	50,883	5,552,201	66,870	7,339,963
Shafting	"	758	245,100	—	—
Sheets:					
Plain	net ton	1,841	269,572	3,187	463,696
Galvanized	"	369	67,031	597	121,058
Tinplate	"	7	1,419	6	1,466
Strip	"	171	36,158	412	66,374
Structural shapes	"	15,347	1,636,818	20,130	2,206,672
Wire	—	—	149,942	—	270,759
Alloy steel in all forms	—	—	393,340	—	754,788
Scrap iron and steel of all kinds	net ton	2,249	75,742	1,604	61,763
Other iron and steel	—	—	204,524	—	1,915,813
Non-ferrous metals:					
Aluminum - Castings	pound	3,287,654	1,627,123	29,573	47,042
Sheet	"			1,602,145	690,494
Other forms	"			508,936	441,463
Brass and bronze	"	1,046,489	482,098	1,499,408	712,827
Copper - Sheet	"	228,224	95,946	361,337	210,197
Wire	"			3,184	2,277
Other forms	"			167,651	84,394
Lead	"	75,653	17,266	92,274	22,468
Nickel	"	3,396	1,395	15,997	13,871
Tin	"	1,112	1,212	1,686	1,441
Zinc	"	128,437	23,149	86,920	26,138
Babbitt metals and solders	"	129,556	120,716	144,523	121,923
Other metals	—	—	75,034	—	150,550
Other materials and supplies:					
Iron and steel pipe and fittings	—	—	1,652,443	—	2,826,290
Lumber	M ft. b.m.	11,772	1,449,426	14,214	1,815,792
Timber	"	2,121	271,366	3,347	380,874
Oxygen	cu. ft.	32,543,614	393,392	1	1
Acetylene	"	6,933,458	177,691	1	1
Engines purchased	—	—	2,824,737	—	2,755,743
Boilers purchased	—	—	229,786	—	1,340,274
Electrical equipment purchased	—	—	1,738,328	—	3,184,374
All other materials	—	—	13,805,691	—	31,036,614
Total	—	—	35,316,718	—	60,247,318

1. Not available separately in 1952.

TABLE 5. Value of Shipbuilding, 1943-1952

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					
1943.....	305,933,303	69,846,518	98,384,791	334,471,576	34,382,613
1944.....	281,566,009	85,355,741	68,759,297	244,969,565	63,104,439
1945.....	165,340,341	64,610,589	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.....	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

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, 1951 and 1952

Province	Number of employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
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
1952								
Newfoundland, Prince Edward Island and New Brunswick	132	34	1,142	—	1,308	477,233	2,349,457	2,826,690
Nova Scotia	127	56	2,765	36	2,984	659,670	7,881,679	8,541,349
Quebec	808	209	7,401	40	8,458	3,864,290	20,241,941	24,106,231
Ontario	243	84	3,756	5	4,088	1,197,806	11,316,929	12,514,735
British Columbia	367	99	3,360	12	3,838	1,650,546	12,060,761	13,711,307
Total	1,677	482	18,424	93	20,676	7,849,545	53,850,787	61,700,312

TABLE 7. Capital and Repair Expenditures in the Shipbuilding Industry, 1948-1952

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1948	192	744	936	1,255	2,479	3,734	4,670
1949	409	1,570	1,979	640	2,951	3,591	5,570
1950	315	1,474	1,789	831	2,500	3,131	4,920
1951	516	1,976	2,492	1,202	2,636	3,838	6,330
1952 ¹	976	1,948	2,924	1,042	3,946	4,988	7,912

1. Preliminary.



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List of Firms in the Shipbuilding Industry, 1932

Name of firm	Location of shipyard
Newfoundland:	
Newfoundland Shipyards Limited	Clarenville
Prince Edward Island:	
Bruce Stewart & Co. Limited	Charlottetown
Nova Scotia:	
Collings, Wm., & Sons, Limited	711 Barrington St., Halifax
Halifax Shipyards, Limited	Halifax and Dartmouth
Hogan, T., & Company, Limited	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
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 Brothers Ltd.	61 Commercial St., Levis
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	770 Mill St., Montreal 3
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
Taibot, Hunter Engineering & Boiler Works Ltd.	170 St. Paul St., Quebec
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
Heighton, H. E., & Son	130 Mellanby Ave., Port Colborne
Magee, E. B., Ltd.	Port Colborne
Midland Shipyards Co. Limited	Midland
Muir Bros. Dry Dock Company, Limited	Port Dalhousie
Port Weller Dry Docks Limited	Port Weller
Port Arthur Shipbuilding Co., Limited	Port Arthur
Russei - Hipwell Engines	2202-3rd Ave. East, Owen Sound
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
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.