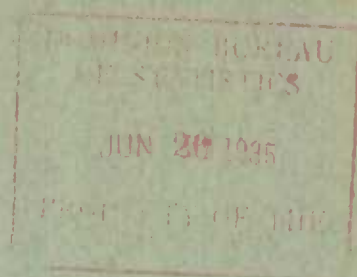


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FISHERIES STATISTICS

ADVANCE REPORT
ON THE
FISHERIES
OF
NEW BRUNSWICK
1934

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DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
Fisheries Statistics Branch

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ADVANCE REPORT ON THE FISHERIES OF NEW BRUNSWICK, 1934.

The following report on the fisheries of the province of New Brunswick, for the year 1934, is issued by the Dominion Bureau of Statistics in co-operation with the Department of Fisheries.

PRODUCTION

The value of production of the fisheries of New Brunswick in 1934 was \$3,679,588, compared with \$3,000,045 in 1933 and \$2,972,682 in 1932. These figures represent the value of the fish as marketed, whether sold for consumption fresh, or prepared in any of the various ways, as canned, dried, boneless, etc. The sardine and lobster fisheries are of chief importance in New Brunswick, the sardine fishery in 1934 taking first place with a total marketed value of production of \$1,038,189, while the value of production of the lobster fishery was \$812,045. The sardine pack totalled 288,091 cases of 25 pounds each, compared with 180,597 cases in the preceding year, while the number of barrels of fresh and salted sardines sold was 123,636, compared with 89,979. The average price of canned sardine in 1934 was \$3 per case - the same average as in 1933. The lobster pack amounted to 23,815 cases of 48 pounds each, and an average value of \$20 per case, compared with 26,417 cases and an average of \$17 per case in 1933. Other principal kinds of fish in 1934 were herring (\$463,512), smelt (\$399,474), salmon (\$261,744), and cod (\$222,171).

The total quantity of fish of all kinds caught and landed during the year was 1,361,368 cwt., and the value at the point of landing, \$1,915,721, compared with a catch of 1,299,952 cwt. and a landed value of \$1,618,842 in 1933.

CAPITAL EQUIPMENT AND EMPLOYEES

Capital.— The capital investment of the fishing industry of the province had a total value in 1934 of \$5,456,034, this total comprising \$3,356,966, the value of the vessels, boats and gear employed in the primary operations of catching and landing the fish, and \$2,079,068, the amount of capital invested in fish canning and curing establishments. Compared with the preceding year the total capital shows an increase of \$249,678.

Employees.— The number of men engaged in operations connected with the catching and landing of the fish was 13,062, and the number of persons employed in fish canning and curing establishments, 2,316, making a total for the industry of 15,378, compared with a total of 14,664, in 1933.

General Tables

Detailed statistics of the industry are contained in the following tables.

NEW BRUNSWICK FISHERIES

1. Quantity and Value of Fish Caught and Landed and Marketed,
New Brunswick, 1933 and 1934.

Kind of Fish		Sea Fisheries			
		1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Cod, caught and landed	Cwt.	139,053	139,378	129,514	136,119
Marketed -					
Used fresh	Cwt.	8,073	17,164	6,676	13,922
Fresh fillets	Cwt.	858	5,631	1,486	9,337
Green-salted	Cwt.	3,383	8,229	7,947	25,703
Smoked fillets	Cwt.	199	1,868	184	1,699
Dried	Cwt.	39,920	173,412	33,701	167,235
Boneless	Cwt.	363	2,237	109	863
Cod livers	Cwt.	-	-	4	56
Cod liver oil, medicinal	Gal.	1,750	789	680	302
Cod oil	Gal.	3,580	667	11,715	3,054
Total value marketed		-	209,997	-	222,171
Haddock, caught and landed	Cwt.	13,404	16,853	9,435	18,234
Marketed -					
Used fresh	Cwt.	8,191	22,901	6,667	18,556
Fresh fillets	Cwt.	285	1,974	144	1,071
Smoked	Cwt.	367	3,140	245	2,216
Green-salted	Cwt.	30	45	40	90
Dried	Cwt.	1,438	2,988	649	1,511
Total value marketed		-	31,048	-	23,444
Hake and Cusk, caught and landed	Cwt.	80,618	21,729	76,374	29,316
Marketed -					
Used fresh	Cwt.	844	738	2,967	2,764
Fresh fillets	Cwt.	308	1,798	602	3,444
Green-salted	Cwt.	15,749	19,106	12,155	17,703
Smoked fillets	Cwt.	223	1,750	113	791
Dried	Cwt.	15,507	31,945	14,269	37,048
Boneless	Cwt.	50	300	-	-
Hake oil	Gal.	6,728	1,405	17,640	4,692
Total value marketed		-	57,042	-	66,442
Pollock, caught and landed	Cwt.	19,656	10,176	23,148	18,804
Marketed					
Used fresh	Cwt.	16	32	2,108	1,471
Green-salted	Cwt.	435	435	2,017	3,714
Dried	Cwt.	6,269	16,949	5,624	18,500
Total value marketed		-	17,416	-	23,685
Halibut, caught and landed	Cwt.	121	886	152	1,495
Marketed fresh	Cwt.	144	1,335	152	1,185
Flounders, Brill, Plaice, caught and landed	Cwt.	980	1,226	1,846	2,371
Marketed fresh	Cwt.	980	1,748	1,846	3,109

1. Quantity and Value of Fish Caught and Landed and Marketed,
New Brunswick, 1933 and 1934 - Cont'd.

Kind of Fish		Sea Fisheries			
		1 9 3 3		1 9 3 4	
		Quantity	Value	Quantity	Value
			\$		\$
Skate, caught and landed	Cwt.	140	158	132	162
Marketed fresh	Cwt.	150	409	132	396
Herring, caught and landed	Cwt.	483,712	153,885	457,225	165,408
Marketed -					
Used fresh	Cwt.	11,117	7,989	95,900	42,017
Canned (round)	Cases	20,369	61,107	41,077	123,231
Canned (kippered)	Cases	8,730	29,450	2,480	4,546
Canned snacks (kippered)	Cases	-	-	13,561	21,111
Smoked (round)	Cwt.	26,536	55,973	32,989	99,099
Smoked (boneless)	Cwt.	860	5,915	820	5,740
Kippered	Cwt.	9	58	4	31
Pickled	Bbl.	6,566	29,632	5,449	23,026
Used as bait	Bbl.	40,411	50,043	42,538	62,746
Fertilizer	Bbl.	124,866	63,421	78,165	39,168
Meal	Ton	690	20,173	964	28,920
Oil	Gal.	28,665	3,562	75,899	10,721
Scales	Cwt.	483	1,658	1,170	3,156
Total value marketed		-	328,981	-	463,512
Mackerel, caught and landed	Cwt.	8,125	11,157	9,235	10,323
Marketed -					
Used fresh	Cwt.	6,767	18,508	5,947	12,171
Fresh fillets	Cwt.	34	278	-	-
Pickled	Bbl.	428	3,640	929	4,491
Total value marketed		-	22,426	-	16,662
Sardines, caught and landed	Bbl.	130,112	113,228	191,155	267,797
Marketed -					
Canned	Cases	180,597	542,255	288,091	865,842
Sold fresh and salted	Bbl.	89,979	80,276	123,636	172,347
Total value marketed		-	622,531	-	1,038,189
Alewives, caught and landed	Cwt.	48,794	16,197	46,960	15,752
Marketed -					
Used fresh	Cwt.	3,838	4,964	17,483	8,772
Smoked	Cwt.	499	2,543	425	1,815
Salted	Bbl.	13,712	45,898	10,410	38,676
Fertilizer	Bbl.	3,125	1,488	-	-
Total value marketed		-	54,893	-	49,263
Bass, caught and landed	Cwt.	16	152	8	115
Marketed fresh	Cwt.	16	166	8	158
Salmon, caught and landed	Cwt.	22,613	223,786	18,584	202,564
Marketed fresh	Cwt.	22,613	287,333	19,227	250,488

1. Quantity and Value of Fish Caught and Landed and Marketed,
New Brunswick, 1933 and 1934 - Cont'd.

Kind of Fish		Sea Fisheries			
		1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Shad, caught and landed	Cwt.	7,547	25,709	9,001	27,424
Marketed -					
Used fresh	Cwt.	6,191	23,366	7,552	31,852
Salted	Bbl.	452	5,786	483	6,217
Total value marketed		-	29,152	-	38,069
Smelts, caught and landed	Cwt.	52,444	246,961	36,868	298,744
Marketed fresh	Cwt.	52,444	315,485	38,336	399,474
Trout, caught and landed	Cwt.	80	909	129	1,412
Marketed fresh	Cwt.	80	909	127	1,400
Caplin and lance, caught and landed	Bbl.	-	-	500	500
Marketed fresh	Bbl.	-	-	500	500
Eels, caught and landed	Cwt.	242	718	248	592
Marketed fresh	Cwt.	242	1,006	248	914
Tom Cod, caught and landed	Cwt.	6,393	3,865	14,700	15,653
Marketed fresh	Cwt.	6,393	4,239	14,700	21,924
Clams and Quahaugs, caught and landed	Bbl.	14,743	14,298	18,628	18,626
Marketed -					
Used fresh	Bbl.	5,081	5,429	7,023	8,638
Canned	Cases	9,678	32,193	11,348	40,602
Total value marketed		-	37,622	-	49,240
Lobsters, caught and landed	Cwt.	74,940	514,579	65,073	587,658
Marketed -					
In shell	Cwt.	27,286	348,473	22,135	311,446
Meat	Cwt.	553	25,641	388	19,400
Canned	Cases	26,417	454,424	23,815	477,999
Tomalley	Cases	236	1,825	479	3,200
Total value marketed		-	830,363	-	812,045
Oysters, caught and landed	Bbl.	10,162	36,485	8,273	34,143
Marketed fresh	Bbl.	10,162	46,906	8,273	44,870
Mussels, caught and landed	Cwt.	-	-	19	38
Marketed fresh	Cwt.	-	-	19	57
Scallops, caught and landed	Bbl.	11,982	41,145	8,359	30,669
Marketed shelled	Gal.	23,964	41,145	16,718	30,669
Tongues and Sounds, pickled or dried	Cwt.	360	2,698	399	3,251
Winkles, caught and landed	Cwt.	134	266	106	190
Marketed fresh	Cwt.	134	269	106	223

1. Quantity and Value of Fish Caught and Landed and Marketed,
New Brunswick, 1933 and 1934 - Cont'd.

Kind of Fish		Sea Fisheries			
		1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Dulse, green	Cwt.	3,328	2,606	3,979	4,156
Marketed dried	Cwt.	478	2,606	597	4,110
Hair seals, caught and landed	No.	97	146	-	-
Skins marketed	No.	97	146	-	-
Miscellaneous Fish Products -					
Fish oil, n.e.s.	Gal.	2,325	426	-	-
Fish meal, n.e.s.	Ton	51	1,530	74	2,607
Fish offal	Ton	-	-	120	241
Fish skins and bones	Cwt.	434	53	13,512	18,081
Other products	-	-	27,821	-	65,703
Total Value of Sea Fisheries -					
Caught and landed	-	-	1,596,498	-	1,888,265
Marketed	-	-	2,977,701	-	3,652,082
Kind of Fish		Inland Fisheries			
		1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Alsewives, caught and landed	Cwt.	461	919	1,043	2,064
Marketed -					
Used fresh	Cwt.	420	820	1,043	2,064
Salted	Bbl.	15	99	-	-
Total value marketed	-	-	919	-	2,064
Bass, caught and landed	Cwt.	29	290	115	1,150
Marketed fresh	Cwt.	29	290	115	1,150
Belts, caught and landed	Cwt.	50	150	55	110
Marketed fresh	Cwt.	50	150	55	110
Mullets, caught and landed	Cwt.	70	140	64	128
Marketed fresh	Cwt.	70	140	64	128
Perch, caught and landed	Cwt.	6	6	14	14
Marketed fresh	Cwt.	6	6	14	14
Pickrel or dore, caught and landed	Cwt.	42	318	52	416
Marketed fresh	Cwt.	42	318	52	416
Salmon, caught and landed	Cwt.	795	11,993	637	11,256
Marketed fresh	Cwt.	795	11,993	637	11,256

1. Quantity and Value of Fish Caught and Landed and Marketed,
New Brunswick, 1933 and 1934 - Con.

Kind of Fish		Inland Fisheries			
		1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Shad, caught and landed	Cwt.	2,155	8,468	2,742	9,080
Marketed -					
Used fresh	Cwt.	1,480	6,218	2,142	9,080
Salted	Bbl.	225	2,250	200	2,538
Total value marketed		-	8,468	-	11,618
Sturgeon, caught and landed	Cwt.	-	-	60	600
Marketed fresh	Cwt.	-	-	60	600
Caviar	Lb.	-	-	200	50
Total value marketed		-	-	-	650
Whitefish, caught and landed	Cwt.	6	60	20	100
Marketed fresh	Cwt.	6	60	20	100
Total Value of Inland Fisheries -					
Caught and landed		-	22,344	-	27,456
Marketed		-	22,344	-	27,506
Total Value of All Fisheries -					
Caught and landed		-	1,618,842	-	1,815,721
Marketed		-	3,000,045	-	3,679,588

2. Quantity^(a) and Value^(b) of Chief Commercial Fishes, New Brunswick, 1931 to 1934.

Kind of Fish		1931	1932	1933	1934	Increase or decrease 1934 compared with 1933
						Increase + Decrease -
Sardines	Bbl.	63,573	66,689	130,112	191,155	+ 61,043
	\$	837,210	426,349	622,531	1,038,189	+ 415,658
Lobsters	Cwt.	94,988	98,722	74,940	65,073	- 9,867
	\$	1,376,257	1,041,845	830,363	812,045	- 18,318
Herring	Cwt.	445,929	369,273	483,712	457,225	- 26,487
	\$	294,530	244,737	328,981	463,512	+ 134,531
Smelts	Cwt.	47,191	68,383	52,444	36,868	- 15,576
	\$	415,975	492,888	315,485	399,474	+ 83,989

(1) Quantity caught. (2) Value marketed.

2. Quantity⁽¹⁾ and Value⁽²⁾ of Chief Commercial Fishes,
New Brunswick, 1931 to 1934 - Con.

Kind of Fish		1931	1932	1933	1934	Increase or decrease 1934 compared with 1933	
						Increase +	Decrease -
Salmon	Cwt.	29,348	19,023	23,408	19,221	-	4,187
	\$	471,322	232,412	299,326	261,744	-	37,582
Cod	Cwt.	181,755	133,884	139,053	129,514	-	9,539
	\$	328,178	197,917	209,997	222,171	+	12,174
Hake and Cusk	Cwt.	56,606	34,834	80,618	76,374	-	4,244
	\$	46,270	41,657	57,042	66,442	+	9,400
Alewives	Cwt.	37,435	31,350	48,794	46,960	-	1,834
	\$	55,687	34,187	54,893	52,477	-	2,416
Clams and quahaugs	Bbl.	16,477	14,356	14,743	18,628	+	3,885
	\$	41,238	35,222	37,622	49,240	+	11,618

(a) Quantity caught. (b) Value marketed.

3. Total Value of the Fisheries of New Brunswick, 1917 to 1934.

Year	Value	Year	Value
	\$		\$
1917	6,143,088	1926	5,325,478
1918	6,298,990	1927	4,406,673
1919	4,979,574	1928	5,001,641
1920	4,423,745	1929	5,935,635
1921	3,690,726	1930	4,853,575
1922	4,685,660	1931	4,169,811
1923	4,548,535	1932	2,972,682
1924	5,383,809	1933	3,000,045
1925	4,798,589	1934	3,679,588

4. Capital Equipment of the Fisheries, New Brunswick, 1933 and 1934.

In Primary Operations	Sea Fisheries			
	1 9 3 3		1 9 3 4	
	No.	Value \$	No.	Value \$
Sailing, gasoline and diesel vessels	336	261,100	340	271,700
Sail and row boats	4,637	124,683	4,661	136,703
Gasoline and diesel boats	2,659	743,230	2,728	767,975
Carrying smacks and scows	127	170,300	139	192,099
Gill nets	12,404	96,067	12,788	88,979
Salmon drift nets	6,638	100,190	5,672	83,310
Salmon trap nets	375	179,088	342	168,935
Trap nets, other	34	1,240	55	3,570
Smelt nets	6,762	258,267	6,385	255,325
Pound nets	89	14,425	74	7,400
Weirs	233	231,033	240	272,938
Seines	285	45,050	302	50,600
Tubs of trawl	1,701	18,938	1,745	19,702
Hand lines	7,917	6,108	8,797	7,132
Eel traps	9	55	6	30
Lobster traps	396,797	443,552	414,259	448,779
Lobster pounds	17	46,130	14	48,440
Oyster rakes	946	3,384	1,030	4,131
Scallop drags	514	3,877	217	4,155
Quahaug rakes	37	148	3	3
Other gear	-	1,600	-	5,100
Fishing piers and wharves	404	151,267	395	149,700
Freezers and ice houses	136	100,850	141	101,750
Small fish and smoke houses	1,150	265,230	1,246	259,690
Total Value	-	3,265,812	-	3,348,146

In Primary Operations	Inland Fisheries			
	1 9 3 3		1 9 3 4	
	No.	Value \$	No.	Value \$
Sail and row boats	357	1,897	373	1,992
Gasoline and diesel boats	2	450	-	-
Gill nets	709	6,390	722	6,708
Eel traps	60	120	60	120
Total Value	-	8,857	-	8,820

4. Capital Equipment of the Fisheries, New Brunswick, 1933 and 1934 - Con.

In Fish Canning and Curing	Sea Fisheries			
	1 9 3 3		1 9 3 4	
	No.	Value \$	No.	Value \$
Lobster canneries	99	462,727	96	454,915
Clam canneries	5)		8)	
Sardine and other fish canneries	4)	1,206,637	4)	1,405,476
Fish curing establishments	33	179,505	36	177,756
Freezing plants	3)		3	15,100
Reduction plants	1)	62,758	3	25,821
TOTAL	145	1,911,687	150	2,073,068

5. Number of Employees in the Fisheries, New Brunswick, 1933 and 1934.

	1 9 3 3		1 9 3 4	
	Sea	Inland	Sea	Inland
	No.	No.	No.	No.
Men employed on vessels, boats, etc.	11,789	500	12,525	537
Persons employed in fish canning and curing establishments	2,375	-	2,316	-
TOTAL	14,164	500	14,841	537

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The capital structure of a firm is the mix of debt and equity financing used by the firm. It is a key determinant of the firm's risk and return. The capital structure is influenced by various factors, including the firm's size, industry, and growth opportunities.

One of the main reasons for using debt is the tax shield provided by interest payments. Debt also provides a fixed source of funds, which can be used to finance the firm's operations and growth. However, debt also increases the firm's risk, as it requires regular payments of interest and principal.

Equity financing, on the other hand, does not require regular payments. It provides a more flexible source of funds, but it also dilutes the ownership of the firm. The choice between debt and equity financing depends on the firm's specific circumstances and its risk tolerance.

In general, firms with high growth opportunities and high risk should use more equity financing. Firms with stable operations and low risk should use more debt financing. The optimal capital structure for a firm is the one that minimizes its cost of capital and maximizes its value.

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