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## CANADA

DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS CENSUS OF INDUSTRY FISHERIES AND ANIMAL PRODUCTS BRANCH

## ADVANCE REPORT

ON THE

FISHERIES

OF

## NEW BRUNSWICK

1939

*

Issued June, 1940.
Published by Authority of the Hon. Jas. A. Mackinnon, M. P., Minister of Trade and Commerce

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ADVANCE REPORT ON THE FISHERIES OF NEW BRUWSEICK, 1939.
The following report on the fisheries of the province of New Brunswick, for the year 1939, is issued by the Dominion Bureau of Statistics in co-operation with the Department of Fisheries.

## PRODUCTION

The New Brunswick fisheries in 1939 record a large increase over the preceding year in the value of output. The total value of the fisheries production of the province in 1939 was $\$ 5,082,393$, compared with $\$ 3,996,064$ in 1938. These amounts represent the value of the fish as marketed, whether sold for consumption fresh, or canned, cured, etc. Of first importance is the sardine fishery, with a value of $\$ 2,299,017$, and second in order of value of output is the lobster fishery, with $\$ 1,005,070$. The product of these two fisheries combined represents 65 per cent of the total value of the fisheries production of the province. The bulk of the sardine catch is marketed as canned, while the lobster product is divicied almost equally between the canned and in shell.

The quantity of fish of all kinds, including shell fish, taken by New Brunswick fishermen during the year amounted to $1,536,454 \mathrm{cw} t_{0}$, with a value at the point of landing of $\$ 2,186,270$, compared with a catch of $1,277,276 \mathrm{cwt}$. and a landed value of $\$ 1,799,459$ in 1938.

## CAPITAL EQUIPMENT AND ENPLOYEES

Capital. - The capital investment of the fisheries of New Brunswick in 1939 was placed at $\$ 6,292,412$, this total comprising $\$ 3,452,995$, the value of the vessels, boats and gear employed in the primary operations of catching and landing the fish, and $\$ 2,839,417$, the capital employed in fish canning and curing establishments. Compared with the preceding year, the capital investment shows an increase of $\$ 416,888$, or 7 per cent.
amployees. - The New Brunswick fisheries in 1939 gave employment to a total of 16,574 persons, of which number 13,795 are recorded as fishermen and 2,779 as employees of fish canning and curing establishments. Compared with the preceding year, the number of fishermen decreased by 335, while the number of persons in the establishments increased by 127, making for all fisheries employees, combined, a decrease of 208.

## GENERAL TABLES

Summaries of the principal statistical data of the fisheries industry of the province of New Brunswick for 1939 and preceding years are contained in the following tables.

## NEW BRUNSHICK FISHPRI ES

1. Quantity and Value of Fish Caught and Marketed, 1938 and 1939


+ Chicken haddies contain cod, haddock and hake.


## NET BRUNSTICK FI SHERTES

1．Quantity and Value of Fish Caught and Marketed， 1938 and 1939.

| Kind of Fish | Unit of Measure | Sea Flsheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1938 |  | 1939 |  |
|  |  | Quantity | Value | Cuantity | Value |
|  |  |  | \＄ |  | \＄ |
| Halibut，caught and landed | Cwt。 | 76 | 808 | 105 | 1，292 |
| Marketed fresh | Cwt。 | 76 | 896 | 109 | 1，408 |
| Flounders，Brill，Plaice， caught and landed | Crit． | 2，579 | 3，001 | 3，184 | 3，778 |
| Markoted－ |  |  |  |  |  |
| Used fresh | Cwt． | 2，579 | 4，456 | 3，148 | 4，625 |
| Fresh fillets | Cwt。 | － | － | 12 | 120 |
| Total value markoted |  | － | 4，456 | － | 4.745 |
| Sisate，caught and landed | Cut． | 199 | 137 | 92 | 92 |
| Marketed fresh | CWt． | 199 | 339 | 92 | 286 |
| Herringt caught and landed | Cwt． | 427，315 | 192，939 | 478，393 | 193，989 |
| Markoted－ |  |  |  |  |  |
| Used fresh | Crit． | 35，437 | 32，291 | 82，481 | 61，031 |
| Canned（round） | Cases | 56，487 | 241，336 | 46，580 | 198，594 |
| Canned（kippered） | Cases | 14，809 | 61，397 | 6，821 | 32，989 |
| Smoked（round） | Cwt． | 8，830 | 24，321 | 21，568 | 62，131 |
| Smoked（boneless） | Cwt． | 6，074 | 70，800 | 11，320 | 83，085 |
| Kippered | Cut． | 10 | 50 | 3 | 30 |
| Pickled | Bbl． | 3，076 | 17，429 | 3，245 | 20，967 |
| Used as bait | Bbl． | 48，869 | 79，710 | 31，476 | 39，211 |
| Fertilizer | Bbl 。 | 98，111 | 43，301 | 98，433 | 47，226 |
| Oil | Gal． | 92，198 | 15，225 | 89，107 | 12；829 |
| Meal | Ton． | 1，035 | 36，225 | － | － |
| Scales | Cwt． | 1，386 | 3，384 | 7，147 | 20，850 |
| Total value marketed |  | － | 626，469 | － | 578，943 |
| Mackerel，caught and landed | Cwt。 | 7，885 | 12，770 | 6，853 | 9，016 |
| Marketed－ |  |  |  |  |  |
| Used fresh | Cwt． | 7，546 | 20，696 | 6，140 | 18，546 |
| Canned | Cases | 130 | 423 | 10 | 50 |
| Pickled | Bb 1. | 66 | 699 | 101 | 805 |
| Used as bait | BbI． | 25 | 25 | 200 | 500 |
| Total value marketed |  | － | 21，843 | － | 19，901 |
| Sardines，caught and landed | Bbl 。 | 180，639 | 336，826 | 315，422 | 573，078 |
| Sold fresh and salted | Bbl． | 111，813 | 191，506 | 208，555 | 375，830 |
| Canned | Cases | 349，887 | 1，197，689 | 539，486 | 7，923，187 |
| Total value marketed |  | － | 1，389，195 |  | 2，299，017 |

## NEW BRUNSITICK FISHERIES

1．Quantity and Value of Fish Caught and Marketed， 1938 and 1939 －Con．

| Kind of Fish | Unit of Measure | Sea Fisheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1938 |  | －1939 |  |
|  |  | Quantity | Value | Quantity | Value |
|  |  |  | ह |  | \＄ |
| Alewives，caught and landed | Cwt。 | 59，863 | 32，502 | 72，177 | 38，417 |
| Used fresh | Cwt． | 20，867 | 20，533 | 25，195 |  |
| Smoked | Cwt。 | －472 | 2，150 | 25,195 519 | 18,058 2,748 |
| Sal ted | Bbl 。 | 13，835 | 51，688 | 16，706 | 58，390 |
| Total value marketed |  | － | 74，421 | － | 79，196 |
| Salmon，caupht and landed Marketed－ | Cwt． | 13，778 | 195，623 | 10，191 | 160，045 |
| Used fresh Canned | Cwt． | 14，710 | 250，572 | 11，075 | 183，401 |
| Canned | Cases |  | － | 55 | 880 |
| Total value sarketed |  | － | 250，572 | － | 189，281 |
| Shad，caught and landed Marketed ．－ | Cwt。 | 10，437 | 27，638 | 15，956 | 40，827 |
| Used fresh | Cwt． | 10，209 | 30，764 | 15，197 | 43，948 |
| Salted | Bbl． | 76 | 1，320 | 253 | 3，282 |
| Total value marketed |  | － | 32，084 | － | 47，230 |
| Smelts，caught and landed | Cwt． | 43，609 | 209，468 | 45，036 | 211，722 |
| flarketed fresh | Cut． | 44，567 | 308，991 | 46，626 | 304，961 |
| Capelin，Launce and Silver－ sides，caught and landed | Cwt． | 1，000 | 250 | 2，200 | 630 |
| Marketed fresh | Crit． | 1，000 | 250 | 2，200 | 630 |
| Eels，caught and landed | Cwt。 | 208 | 952 | 241 | 875 |
| Marketed fresh | Cwt． | 208 | 1，047 | 241 | 1，101 |
| Tom cod，caught and landed | Cwt， | 8，875 | 11，741 | 10，805 | 17，920 |
| Marketed fresh | Cwt。 | 8，875 | 22，773 | 10，805 | 24，552 |
| Mixed Fish caught and landed | Cwt． | 126 | 424 | 156 | 494 |
| Marketed fresh | Cwt。 | 126 | 424 | 156 | 494 |
| Clams，caught and landed | Cwt。 | 55，919 | 36，513 | 50，797 | 35，382 |
| Marketed－ |  |  |  |  |  |
| Used fresh | Cwt． | 20，766 | 13，671 | 15，671 | 12，306 |
| Canned | Cases | 18，118 | 64，777 | 17，647 | 59，708 |
| Chowder | Cases | 4，302 | 16，132 | 50 | 187 |
| Total value marketed |  | － | 94，580 | － | 72，201 |

## NLW BRUNSWICK FISHERIES

1. Quantity and Value of Fish Caught and Warketed, 1938 and 1939 - Con.

| Kind of Fish | Unit of Measure | Sea Fisheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1938 |  | 1939 |  |
|  |  | Quantity | Value | Quantity | Value |
|  |  |  | \$ |  | \$ |
| Crabs, caught and landed | Cwt. | 1,530 | 314 | 450 | 135 |
| Marketed fresh | Cwt. | 1,530 | 314 | 450 | 135 |
| Lobsters, caught and landed | Cwt. | 68,474 | 497,320 | 81,262 | 692,864 |
| Marketed - |  |  |  |  |  |
| In shell | Cwt. | 18,554 | 264,267 | 31,258 | 440,939 |
| Heat | Cwt. | 974 | 48,744 | 1,534 | 66,208 |
| Canned | Cases | 23,060 | 403,473 | 25,706 | 491,450 |
| Tomalley | Cases | 686 | 5,128 | 594 | 4,473 |
| Total value marketed |  | - | 721,612 | - | 1,003,070 |
| Oysters, caught and landed | Bbl. | 12,369 | 45,966 | 9,762 | 38,101 |
| Marketed fresh | Bbl. | 12,369 | 76,512 | 9,762 | 54,711 |
| Quahrugs, caught and landed | Cwt. | 3,451 | 3,328 | 1,623 | 1,476 |
| Marketed - Used fresh | Cwt. | 1,333 | 1,832 | 981 | 1,431 |
| Canned | Cases | 1,097 | 7,149 | 353 | 2,665 |
| Total value marketed |  | - | 8,981 | - | 4,096 |
| Scallops, caught and landed | Gal. | 3,190 | 3,899 | 3,509 | 4,219 |
| Marketed shelled | Gal. | 3,190 | 3,899 | 3,509 | 4,219 |
| Tongues and Sounds, pickled or dried | Cwt. | 57 | 408 | 34 | 248 |
| Winkles, caught and landed | Cwt. | 206 | 411 | 239 | 561 |
| Marketed fresh | Cwt. | 206 | 417 | 239 | 561 |
| Dulse, green | Cut. | 2,343 | 2,227 | 4,326 | 4,951 |
| Marketed dried | Cwt. | 313 | 4,191 | 613 | 6,526 |
| Seaweed, green | Owt. | 6,503 | 774 | 6,220 | 388 |
| Marketed - |  |  |  |  |  |
| Dried | Cwt. | 280 | 2,800 | - 77 |  |
| Meal | Ton | 12 | 420 | 77 | 3,426 |
| Total value marketed |  | - | 3,220 | - | 3,426 |

## NET BRUNSHICK FISHERTES

1. Quantity and Value of Fish Caught and Marketed, 1938 and 1939 - Con.


## NEW BRUNSWICK FISHERIES

1. Quantity and Value of Fish Caught and Marketed, 1938 and 1939 - Concluded.

| Kind of Flsh | Unit of Measure | Inland Fisheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1938 |  | 1939 |  |
|  |  | Quantits | Value | Quantity | Value |
|  |  |  | \$ |  | \$ |
| Whitefish, caught and landed | Cwt. | 3 | 18 | 2 | 12 |
| Marketed fresh | Cwt. | 3 | 18 | 2 | 12 |
| Total Value of Inland Fish |  |  |  |  |  |
| Caught and landed |  | - | 24,465 | - | 21,028 |
| Marketed. |  | - | 24,465 | - | 21,028 |
| Total Value of All Fish |  |  |  |  |  |
| Caught and landed |  | - | 1,799,459 | - | 2,186,270 |
| Marketed |  |  | 3,996,064 | - | 5,082,393 |

2. Quantity (a) and Value (b) of Chief Commercial Fishes, Nem Bmunsmick; 1936 to 1939.

| Kind of Fish |  | 1936 | 1937 | 1938 | 1939 | Increase or decrease 1939 compared with 1938 <br> Increase + Decrease - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sardines | $\mathrm{Bbl} .$ | 246,368 $1,597,192$ | $\begin{array}{r} 158,842 \\ 1,525,602 \end{array}$ | 180,639 | 315,422 $2,299,017$ | $\begin{array}{r} +\quad 134,783 \\ +\quad 909,822 \end{array}$ |
| Lobsters | Cwt. \$ | $\begin{array}{r} 56,499 \\ 916,850 \end{array}$ | $\begin{array}{r} 72,586 \\ 1,089,002 \end{array}$ | $\begin{array}{r} 68,474 \\ 721,612 \end{array}$ | $\begin{array}{r} 81,262 \\ 1,003,070 \end{array}$ | $\begin{array}{r} 12,788 \\ +\quad 291,458 \end{array}$ |
| Herring | Cwt. \$ | $\begin{aligned} & 521,620 \\ & 506,562 \end{aligned}$ | $\begin{aligned} & 452,765 \\ & 443,739 \end{aligned}$ | 427,315 626,469 | $\begin{aligned} & 478,393 \\ & 578,943 \end{aligned}$ | $\begin{aligned} & 51,078 \\ & +\quad 47,526 \end{aligned}$ |
| Smelts | Cwt. \$ | $\begin{array}{r} 63,875 \\ 478,853 \end{array}$ | $\begin{array}{r} 42,720 \\ 295,290 \end{array}$ | 43,609 308,991 | $\begin{array}{r} 45,036 \\ 304,961 \end{array}$ | $\begin{aligned} & 1,427 \\ & +\quad 4,030 \end{aligned}$ |
| Salmon | Cwt. \$ | $\begin{array}{r} 17,279 \\ 256,338 \end{array}$ | $\begin{array}{r} 16,241 \\ 261,740 \end{array}$ | $\begin{array}{r} 14,210 \\ 258,994 \end{array}$ | $\begin{array}{r} 10,495 \\ 195,710 \end{array}$ | 3,715 $-\quad 63,284$ |
| Cod | Cwt. \$ | $\begin{aligned} & 131,477 \\ & 178,667 \end{aligned}$ | $\begin{aligned} & 115,987 \\ & 172,369 \end{aligned}$ | 102,683 167,322 | $\begin{array}{r} 85,253 \\ 141,572 \end{array}$ | $\begin{aligned} & 17,430 \\ & -\quad 25,750 \end{aligned}$ |
| Alewives | Cwt. \$ | $\begin{aligned} & 61,809 \\ & 66,606 \end{aligned}$ | $\begin{aligned} & 44,149 \\ & 52,015 \end{aligned}$ | $\begin{aligned} & 60,957 \\ & 76,230 \end{aligned}$ | $\begin{aligned} & 73,440 \\ & 80,591 \end{aligned}$ | $\begin{array}{r} 5,122 \\ +\quad 4,361 \end{array}$ |
| Clams | CWt. \$ | $\begin{aligned} & 62,462 \\ & 71,614 \end{aligned}$ | $\begin{array}{r} 72,002 \\ 114,475 \end{array}$ | $\begin{aligned} & 55,919 \\ & 94,580 \end{aligned}$ | $\begin{aligned} & 50,797 \\ & 72,201 \end{aligned}$ | $\begin{array}{r} 5,122 \\ -\quad 22,379 \end{array}$ |

## NEW BRONSTICK FISHERIES

2. Quantity (a) and Value (b) of the Chief Commercial Fishes, 1936 to 1939.

| Kind of Fish |  | 1936 | 1937 | 1938 | 1939 | Increase or decrease 1939 compared with 1938. <br> Increase + Decrease - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Shad | $C_{\text {FIt. }}$ $\$$ | $\begin{aligned} & 17,296 \\ & 58,871 \end{aligned}$ | $\begin{aligned} & 13,633 \\ & 44,738 \end{aligned}$ | $\begin{aligned} & 13,387 \\ & 42,307 \end{aligned}$ | $\begin{aligned} & 18,905 \\ & 56,401 \end{aligned}$ | $\begin{array}{r} 5,518 \\ +\quad 14,094 \end{array}$ |
| Oysters | Bbl . § | $\begin{array}{r} 9,109 \\ 58,508 \end{array}$ | $\begin{aligned} & 11,546 \\ & 75,487 \end{aligned}$ | $\begin{aligned} & 12,369 \\ & 76,512 \end{aligned}$ | $\begin{array}{r} 9,762 \\ 54,711 \end{array}$ | $\begin{array}{r} 2,607 \\ -\quad 21,801 \end{array}$ |

(a) Quantity caught.
(b) Value Marketed.
3. Total Value of the Fisheries of New Brunswick, 1920 to 1939.

| Year | Value | Year | Value |
| :--- | :---: | :---: | :---: |
|  | \$ |  | $\$$ |
| 1920 | $4,423,745$ | 1930 | $4,853,575$ |
| 1921 | $3,690,726$ | 1931 | $4,169,811$ |
| 1922 | $4,685,660$ | 1932 | $2,972,682$ |
| 1923 | $4,548,535$ | 1933 | $3,000,045$ |
| 1924 | $5,383,809$ | 1934 | $3,679,970$ |
| 1925 | $4,798,589$ | 1935 | $3,949,615$ |
| 1926 | $5,325,478$ | 1936 | $4,399,735$ |
| 1927 | $4,406,673$ | 1937 | $4,447,688$ |
| 1928 | $5,001,641$ | 1938 | $3,996,064$ |
| 1929 | $5,935,635$ | 1939 | $5,082,393$ |

4. Capital Equipment of the Fisheries, 1938 and 1939.

| In Primary Operations | Sea Fisheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | -1938 |  | 1939 |  |
|  | Number | Value | Number | Value |
|  |  | \$ |  | \$ |
| Sailing vessels:- ) |  |  |  |  |
| 20-40 tons ) |  |  |  | 56,900 |
| 10-20 tons |  |  | 44 | 29,500 |
| Gasoline vessels:- ) | $293+$ | 210,300 |  | 29,500 |
| 20-40 tons |  |  | 2 | 1,200 |
| 10-20 tons |  |  | 194 | 155,350 |
| $\left.\begin{array}{c}\text { Diesel vessels:- } \\ 20-40 \text { tons }\end{array}\right\}$ |  |  | 5 | 16,500 |

+ Not recorded separately prior to 1939.


## NEW BRUNSWICK FISHERIES

4. Capital Equipment of the Fisheries, 1938 and 1939--Cont'd.

| In Primary Operations | Sea Fisheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1938 |  | 1939 |  |
|  | Number | Value | Number | Value |
|  |  | \$ |  | \$ |
| Boats: - |  |  |  |  |
| Sail and row | 4,852 | 124,977 | 4,890 | 123,830 |
| Gesoline | 2,812 | 775,969 | 2,821 | 764,239 |
| Carrying boats | 89 | 189,349 | 91 | 214,160 |
| Herring gill nets) |  |  | 12,696 | 79,827 |
| Mackerel gill nets) | 12,939 ${ }^{+}$ | 82,449 | 1,956 | 17,365 |
| Salmon gill nets) |  |  | 135 | 1,350 |
| Salmon drift nets | 6,557 | 103,164 | 6,571 | 93,167 |
| Salmon trap or pound nets | 308 | 140,450 | 324 | 137,550 |
| Seines | 417 | 65,100 | 465 | 73,100 |
| Pound nets | 49 | 7,350 | 49 | 7,350 |
| Trap nets | 140 | 3,780 | 111 | 3,025 |
| Snelt gill nets ) | $8,017{ }^{+}$ | 284,168 | 2,484 | 5,711 |
| Suelt bag or box nets ) |  |  | 6,627 | 307,810 |
| Weirs | 370 | 357,445 | 369 | 356,110 |
| Tubs of trawl | 1,610 | 15,966 | 1,589 | 58,819 |
| Hand IInes | 9,366 | 7,644 | 7,900 | 6,612 |
| Eel traps | 11 | 38 | 12 | 42 |
| Lobster traps | 431,438 | 376,273 | 444,335 | 413,117 |
| Lobster pounds | 17 | 51,395 | 17 | 55,395 |
| Oyster rakes | 1,173 | 3,543 | 1,220 | 3,573 |
| Scallop drags | 157 | 3,065 | 60 | 1,672 |
| Quahaug rakes | 176 | 593 | 87 | 315 |
| Flshing plers and wharves | 361 | 105,990 | 852 | 104,340 |
| Ice Houses | 140 | 88,715 | 145 | 82,765 |
| Small fish and smoke houses | 1,171 | 254,790 | 1,097 | 252,130 |
| Other gear | - | 29,070 | - | 22,959 |
| Total Value | - | 3,310,683 | - | 3,445,783 |

+ Not recorded separately prior to 1939.
Inland Fisheries

| In Primary Operations | 1838 |  | 1939 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Value | Number. | Value |
|  |  | \$ |  | \$ |
| Sail and row boats | 326 | 1,792 | 334 | 1,846 |
| Gill nets | 624 | 5,128 | 623 | 4,966 |
| Eel traps | 200 | 400 | 200 | 400 |
| Total Value | - | 7,320 | - | 7,212 |

## NEW ERUNSTICK FISHERIES

4. Capital Equipment of the Fisheries, 1958 and 1939 - Concluded.

| In Fish Canning and Curing Establishments | Sea Fisheries |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1938 |  | 1939 |  |
|  | Number | Value | Number | Value |
|  |  | \$ |  | \$ |
| Lobster canneries | 73 | 476,546 | 67 | 439,840 |
| Clas canneries | 12 ) |  | 11 ) | 43,840 |
| Sardine and other fish canneries | 3) | 1,813,069 | 3 ) |  |
| Fish curing establishments | 22 | 157,377 | 23 | 184,748 |
| Freezing plants | 5 | 90,104 | 9 | 89,461 |
| Reduction plants | 3 | 15,425 | 3 | 20,843 |
| Total | 118 | 2,557,521 | 116 | 2,839,417 |

5. Number of Employees in the Fisheries, 1938 and 1939.

|  | 1938 |  |  | 1939 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sea | Inland | Total | Sea | Inland | Total |
|  | No. | No. | No. | No. | No. | No. |
| Men employed on vessels, boats, etc. | 1\%,713 | 417 | 14,130 | 13,366 | 429 | 13,795 |
| Persons employed in fish canning and curing establishments | 2,652 |  | 2,652 | 2,779 |  | 2,779 |
| Total | 16,365 | 417 | 16,782 | 16,1<5 | 429 | 16,574 |




