



International Commission
for the
Northwest Atlantic Fisheries



1950

1970

RESTRICTED

Serial No. 2411
(D.c.8)

ICNAF Res.Doc. 70/66

ANNUAL MEETING - JUNE 1970

Breakdown of catch by type of gear in the
Newfoundland inshore cod fishery in 1968

by

A. T. Pinhorn and R. Wells
Fisheries Research Board of Canada
Biological Station, St. John's, Nfld.

and

E. Dunne
Department of Fisheries and Forestry of Canada
Economics Branch
St. John's, Nfld.

During 1968 statistics were collected by the Department of Fisheries and Forestry of Canada and the Fisheries Research Board of Canada as part of a continuing program to furnish information on the proportion of cod caught by each gear in the Newfoundland inshore fishery. The results are shown in Table 1 and Fig. 2 and the settlements sampled in Fig. 1.

The breakdown of catch by type of gear (Table 1 and Fig. 2) is based on the landings of boats under 26 tons as well as longliners over 25 tons.

Table 1. Percentages of cod landed in each month by each type of gear in the Newfoundland inshore cod fishery, 1968. The total amount landed in each month and the amount on which the breakdown by gear is based are shown for comparison. (T, codtrap; GN, gillnet; HL, handline; J, jigger; LL, longline). Longline includes linetrawl (longline hauled by hand) and longlines hauled by engine power with a gurdy. All landings are in pounds round weight.

| Month | 3K | | | | | | 3L | | | | | |
|-----------|-------------------------------|--------------------------------|-------------------|----|----|----|-------------------------------|--------------------------------|-------------------|----|----|-----|
| | Amount landed ('000 lb) | Amount sampled ('000 lb) | Percent landed by | | | | Amount landed ('000 lb) | Amount sampled ('000 lb) | Percent landed by | | | |
| | | | T | GN | HL | J | LL | T | GN | HL | J | LL |
| January | - | - | - | - | - | - | 60 | - | - | - | - | - |
| February | - | - | - | - | - | - | 152 | - | - | - | - | - |
| March | - | - | - | - | - | - | 735 | - | - | - | - | - |
| April | - | - | - | - | - | - | 1,895 | 166 | - | - | - | 100 |
| May | 2,572 | 627 | 3 | 39 | - | 5 | 53 | 8,867 | 1,366 | 43 | 16 | - |
| June | 31,045 | 3,620 | 64 | 10 | 5 | 2 | 19 | 31,563 | 5,152 | 55 | 9 | 25 |
| July | 34,599 | 2,911 | 64 | 32 | 3 | - | 1 | 41,122 | 6,481 | 60 | 8 | 29 |
| August | 10,318 | 155 | 10 | 83 | - | 7 | - | 8,055 | 2,054 | 44 | 6 | 32 |
| September | 6,494 | 1,013 | - | 29 | 7 | 11 | 53 | 7,906 | 1,696 | - | 4 | 71 |
| October | 4,361 | 121 | - | 33 | 4 | - | 63 | 2,319 | 242 | - | 9 | 21 |
| November | 400 | 20 | - | 62 | 3 | - | 35 | 892 | 47 | - | - | 3 |
| December | 57 | - | - | - | - | - | - | 744 | 2 | - | - | 100 |
| Total | 89,846 | 8,467 | 50 | 24 | 4 | 2 | 20 | 104,310 | 17,206 | 43 | 8 | 29 |
| | | | | | | | | | | 1 | 1 | 14 |

Table 1 (continued)

| Month | 3Ps | | | | | | 3Pn | | | | | |
|-----------|-------------------------|-------------------|----|--------------------------------|----|----|-------------------------|-------------------|-------|--------------------------------|----|--------|
| | Amount landed ('000 lb) | | | Percent landed by T GN HL J LL | | | Amount landed ('000 lb) | | | Percent landed by T GN HL J LL | | |
| | sampled ('000 lb) | sampled ('000 lb) | | | | | sampled ('000 lb) | sampled ('000 lb) | | | | |
| January | 1,447 | 37 | - | - | 40 | 60 | 917 | 58 | - | - | - | 100 |
| February | 2,170 | 114 | - | - | 3 | 97 | 2,018 | 576 | - | - | - | 100 |
| March | 2,486 | 204 | - | - | 1 | 99 | 1,573 | 356 | - | - | - | 100 |
| April | 1,997 | 194 | - | 10 | - | 1 | 89 | 2,058 | 142 | - | - | 99 |
| May | 3,606 | 365 | 7 | 28 | - | 9 | 56 | 155 | - | - | - | 2 98 |
| June | 16,975 | 1,226 | 59 | 13 | - | 4 | 24 | 167 | - | - | - | - |
| July | 12,437 | 1,232 | 34 | 37 | - | 8 | 21 | 869 | 115 | - | - | - |
| August | 2,281 | 462 | - | 81 | - | 12 | 7 | 682 | 134 | - | 20 | 10 65 |
| September | 2,746 | 571 | - | 9 | 4 | 16 | 71 | 625 | - | - | - | 5 75 |
| October | 2,404 | 271 | - | - | 2 | 14 | 84 | 632 | - | - | - | - |
| November | 1,070 | 138 | - | - | - | 47 | 53 | 806 | - | - | - | - |
| December | 957 | 105 | - | - | - | 74 | 26 | 769 | - | - | - | - |
| Total | 50,576 | 4,919 | 24 | 24 | - | 11 | 41 | 11,271 | 1,381 | - | 4 | - 2 91 |

- 3 -

Table 1 (continued)

| Month | Amount landed ('000 lb) | Amount sampled ('000 lb) | 4R | | | |
|-----------|-------------------------------|--------------------------------|----|-----|----|---|
| | | | T | GN | HL | J |
| January | 332 | 24 | - | 100 | - | - |
| February | 858 | - | - | - | - | - |
| March | 787 | 10 | - | 100 | - | - |
| April | 566 | 46 | - | 100 | - | - |
| May | 2,722 | 2,291 | - | 100 | - | - |
| June | 15,099 | 2,808 | - | 100 | - | - |
| July | 22,236 | 2,389 | - | 99 | - | 1 |
| August | 8,533 | 1,150 | - | 97 | - | 3 |
| September | 6,948 | 1,249 | - | 99 | - | 1 |
| October | 1,441 | 1,111 | - | 94 | 1 | - |
| November | 556 | 434 | - | 99 | - | 1 |
| December | 430 | - | - | - | - | - |
| Total | 60,508 | 11,512 | - | 99 | - | 1 |

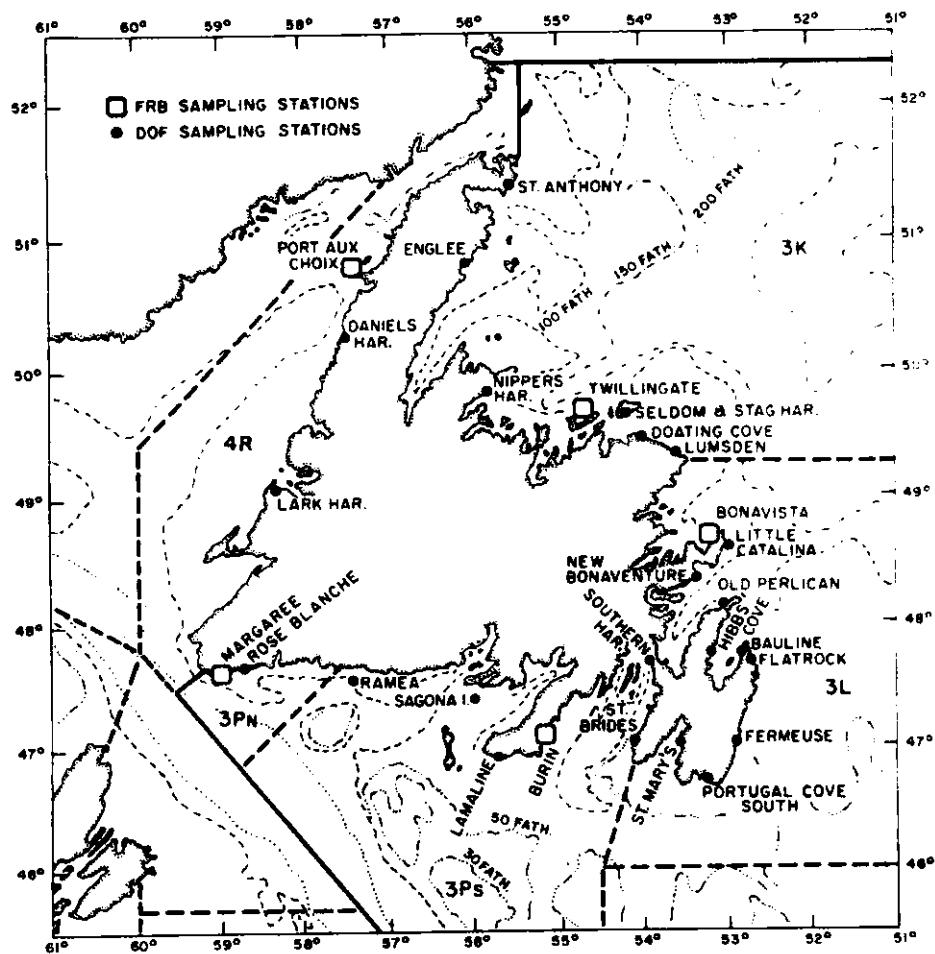


Fig. 1. Map of Newfoundland showing the settlements sampled for this study.

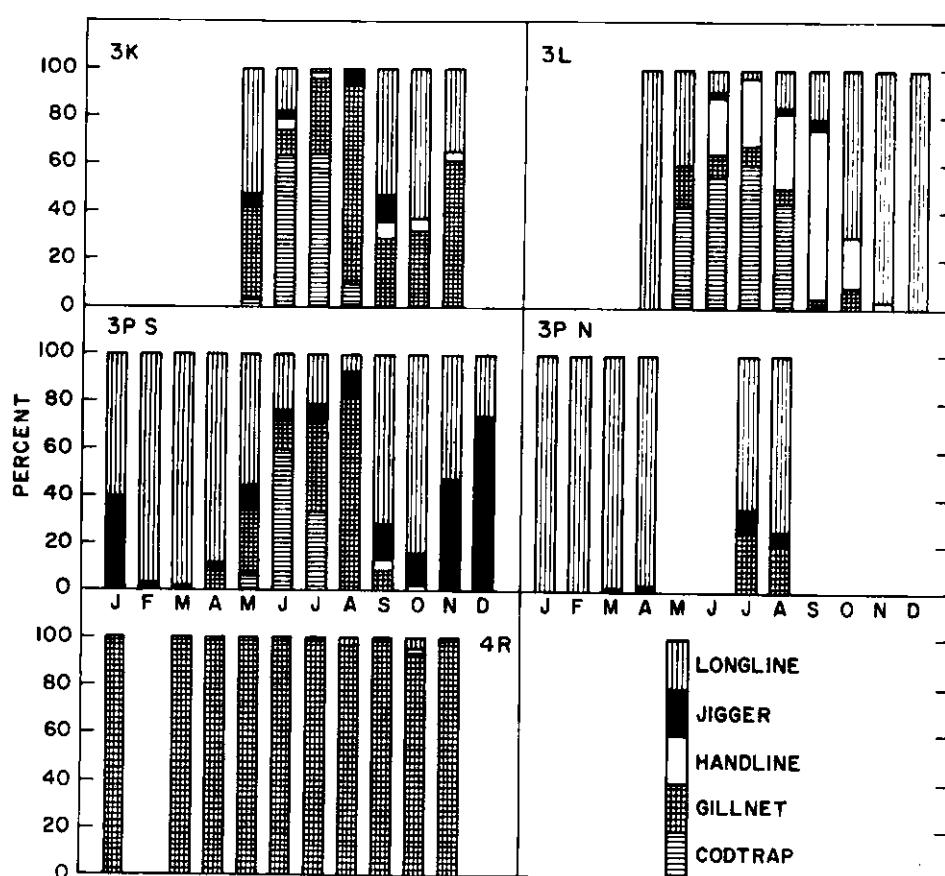


Fig. 2. Percentages of cod caught in each month by the various gears in the Newfoundland inshore fishery. (The figures include landings by all boats under 26 tons and by all longliners).