

TABLE 6
NUMBERS OF LOBSTERS LANDED
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|--------------------------|----------------|----------------|---------------|------------------|--------------|----------------|----------------|----------------|---------------|------------------|
| | BARNSTABLE | BREWSTER | DUXES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR POTMEN | 300,934 | 163,104 | 46,915 | 2,021,859 | 4,143 | 321,891 | 886,915 | 764,891 | 26,200 | 4,547,852 |
| DIVERS | 8,490 | 66 | | | | | | 820 | | 9,376 |
| POTMAN-DIVERS | 17,419 | | | 11,022 | | 7,781 | 8,857 | 1,545 | | 46,620 |
| SUB-TOTAL | 335,839 | 163,170 | 46,915 | 2,032,881 | 4,143 | 329,672 | 895,772 | 767,256 | 26,200 | 4,603,848 |
| CASUAL POTMEN | 380 | | 282 | 5,037 | | 917 | 6,678 | 482 | | 13,776 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 380 | | 282 | 5,037 | | 917 | 6,678 | 482 | | 13,776 |
| OTHER POTMEN | 27,997 | 6,450 | 3,200 | 43,430 | 391 | 10,403 | 51,460 | 14,813 | 2,057 | 160,201 |
| DIVERS | 7,542 | 305 | 123 | 24,685 | | 1,942 | 11,251 | 6,611 | 2,934 | 55,393 |
| POTMAN-DIVERS | 3,449 | 246 | 39 | 5,900 | | 1,538 | 5,463 | 2,350 | 433 | 19,418 |
| SUB-TOTAL | 38,988 | 7,001 | 3,362 | 74,015 | 391 | 13,883 | 68,174 | 23,774 | 5,424 | 235,012 |
| TOTAL | 375,207 | 172,171 | 50,559 | 2,111,933 | 4,534 | 344,472 | 970,624 | 791,512 | 31,624 | 4,852,636 |

* Based on annual reports filed by fishermen

Division of Marine Fisheries

TABLE 7
POUNDS OF LOBSTERS LANDED
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|--------------------------|----------------|----------------|---------------|------------------|--------------|----------------|------------------|----------------|---------------|------------------|
| | BARNSTABLE | BREWSTER | DUXES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR POTMEN | 460,988 | 201,161 | 54,924 | 2,279,355 | 6,425 | 380,186 | 1,036,525 | 877,023 | 31,783 | 5,328,370 |
| DIVERS | 16,233 | 82 | | | | | | 800 | | 17,215 |
| POTMAN-DIVERS | 36,299 | | | 12,183 | | 8,867 | 10,043 | 1,955 | | 69,347 |
| SUB-TOTAL | 513,520 | 201,243 | 54,924 | 2,291,538 | 6,425 | 389,053 | 1,046,568 | 879,878 | 31,783 | 5,414,932 |
| CASUAL POTMEN | 604 | | 425 | 6,189 | | 1,075 | 8,613 | 589 | | 17,495 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 604 | | 425 | 6,189 | | 1,075 | 8,613 | 589 | | 17,495 |
| OTHER POTMEN | 39,339 | 9,096 | 4,627 | 55,454 | 718 | 13,949 | 68,997 | 20,508 | 2,649 | 215,337 |
| DIVERS | 13,804 | 465 | 199 | 37,273 | | 1,043 | 18,389 | 11,049 | 4,604 | 88,816 |
| POTMAN-DIVERS | 6,134 | 459 | 56 | 7,857 | | 2,416 | 8,151 | 3,453 | 624 | 28,950 |
| SUB-TOTAL | 59,277 | 10,020 | 4,882 | 100,382 | 718 | 19,408 | 95,533 | 35,006 | 7,877 | 333,103 |
| TOTAL | 573,401 | 211,263 | 60,231 | 2,398,109 | 7,143 | 409,536 | 1,150,714 | 915,473 | 39,660 | 5,765,530 |

* Based on annual reports filed by fishermen

Division of Marine Fisheries

TABLE 8

**EX-VESSEL VALUE OF LOBSTERS LANDED
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977***

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|-----------------------------|------------------|----------------|----------------|------------------|---------------|----------------|------------------|------------------|---------------|-------------------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR | | | | | | | | | | |
| POTMEN | 960,407 | 384,347 | 116,132 | 1,193,852 | 13,703 | 707,649 | 1,947,451 | 1,556,153 | 52,297 | 9,931,991 |
| DIVERS | 32,462 | 150 | | | | | | 1,530 | | 34,142 |
| POTMAN-DIVERS | 76,498 | | | 24,001 | | 15,994 | 18,344 | 3,930 | | 138,767 |
| SUB-TOTAL | 1,069,367 | 384,497 | 116,132 | 1,217,853 | 13,703 | 723,643 | 1,965,795 | 1,561,613 | 52,297 | 10,104,900 |
| CASUAL | | | | | | | | | | |
| POTMEN | 1,094 | | 965 | 11,744 | | 1,940 | 15,105 | 1,000 | | 31,848 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 1,094 | | 965 | 11,744 | | 1,940 | 15,105 | 1,000 | | 31,848 |
| OTHER | | | | | | | | | | |
| POTMEN | | | | | | | | | | |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | | | | | | | | | | |
| TOTAL | 1,070,461 | 384,497 | 117,097 | 1,229,597 | 13,703 | 725,583 | 1,980,900 | 1,562,613 | 52,297 | 10,136,748 |

* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE 5

**NUMBER OF FISHERMEN
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977***

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|-----------------------------|------------|------------|------------|--------------|-----------|------------|--------------|------------|------------|--------------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR | | | | | | | | | | |
| POTMEN | 117 | 65 | 29 | 508 | 5 | 61 | 276 | 93 | 5 | 1,159 |
| DIVERS | 5 | 1 | | | | | | 1 | | 7 |
| POTMAN-DIVERS | 9 | | | 5 | | 4 | 4 | 1 | | 23 |
| SUB-TOTAL | 131 | 66 | 29 | 513 | 5 | 65 | 280 | 95 | 5 | 1,189 |
| CASUAL | | | | | | | | | | |
| POTMEN | 5 | 4 | | 30 | | 3 | 37 | 4 | | 83 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 5 | 4 | | 30 | | 3 | 37 | 4 | | 83 |
| OTHER | | | | | | | | | | |
| POTMEN | 480 | 114 | 70 | 554 | 9 | 102 | 707 | 163 | 36 | 2,235 |
| DIVERS | 184 | 11 | 7 | 983 | | 58 | 354 | 162 | 162 | 1,921 |
| POTMAN-DIVERS | 56 | 4 | 4 | 84 | | 10 | 84 | 35 | 8 | 285 |
| SUB-TOTAL | 720 | 129 | 81 | 1,621 | 9 | 170 | 1,145 | 360 | 206 | 4,441 |
| TOTAL | 856 | 199 | 110 | 2,164 | 14 | 238 | 1,462 | 459 | 211 | 5,713 |

* Based on annual reports filed by fishermen

Division of Marine Fisheries

TABLE 2

Number and Types of Lobster Licenses Issued in 1977

| | |
|----------------------------|--------|
| \$100 Commercial (coastal) | 1,371 |
| \$25 Seasonal | 142 |
| \$15 Non-Commercial | 8,559 |
| TOTAL | 10,072 |

TABLE 3

Status of Licensees Filing Catch Reports for 1977

| | |
|---------------------|-------|
| Licensees Reporting | 5,713 |
| Licensees Fishing: | |
| \$100 Commercial | 1,189 |
| \$25 Seasonal | 83 |
| \$15 Non-Commercial | 4,441 |
| TOTAL | 5,713 |

Licensees Not Fishing in 1977

2,129

TABLE 4

Total Value of Massachusetts Coastal Lobster Fishery, 1977*

Gear:

| | |
|--------------|--------------|
| Pots | \$3,551,940 |
| Diving Gear | 638,555 |
| Boats | 12,017,029 |
| Lobster Sold | 10,136,748 |
| TOTAL | \$26,344,272 |

*Based on Annual Reports of Fishermen

TABLE 9

NUMBER OF POTS FISHED
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|--------------------------|------------|---------|-------|--------|-----------|---------|----------|---------|-------|---------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR POTMEN | 22,720 | 11,920 | 3,889 | 64,915 | 777 | 11,027 | 47,706 | 28,742 | 680 | 212,376 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | 1,923 | | | 780 | | 760 | 550 | 100 | | 4,113 |
| SUB-TOTAL | 24,643 | 11,920 | 3,889 | 85,695 | 777 | 11,787 | 48,256 | 28,842 | 680 | 216,489 |
| CASUAL POTMEN | 70 | | 60 | 622 | | 62 | 744 | 58 | | 1,616 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 70 | | 60 | 622 | | 62 | 744 | 58 | | 1,616 |
| OTHER POTMEN | 3,110 | 885 | 467 | 4,460 | 53 | 750 | 5,623 | 1,179 | 277 | 16,804 |
| DIVERS | | | | | | | | | | |
| POTMAN-DIVERS | 325 | 31 | 22 | 567 | | 85 | 567 | 240 | 50 | 1,887 |
| SUB-TOTAL | 3,435 | 916 | 489 | 5,027 | 53 | 835 | 6,190 | 1,419 | 327 | 18,691 |
| TOTAL | 28,148 | 12,836 | 4,438 | 91,344 | 830 | 12,684 | 55,190 | 30,319 | 1,007 | 236,796 |

* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE 10

**VALUE OF POTS FISHED
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977***

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|-----------------------------|------------|---------|--------|-----------|-----------|---------|----------|---------|--------|-----------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR POTSMEN | 340,800 | 178,800 | 58,335 | 1,273,725 | 11,655 | 165,405 | 715,590 | 431,130 | 10,200 | 3,185,640 |
| DIVERS | | | | | | | | | | |
| POTSMAN-DIVERS | 28,845 | | | 11,700 | | 11,400 | 8,250 | 1,500 | | 61,695 |
| SUB-TOTAL | 369,645 | 178,800 | 58,335 | 1,285,425 | 11,655 | 176,805 | 723,840 | 432,630 | 10,200 | 3,247,335 |
| CASUAL POTSMEN | 1,050 | | 900 | 9,330 | | 930 | 11,160 | 870 | | 24,240 |
| DIVERS | | | | | | | | | | |
| POTSMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 1,050 | | 900 | 9,330 | | 930 | 11,160 | 870 | | 24,240 |
| OTHER POTSMEN | 46,650 | 13,275 | 7,005 | 66,900 | 795 | 11,250 | 84,345 | 17,685 | 4,155 | 252,060 |
| DIVERS | | | | | | | | | | |
| POTSMAN-DIVERS | 4,875 | 465 | 330 | 8,505 | | 1,275 | 8,505 | 3,600 | 750 | 28,305 |
| SUB-TOTAL | 51,525 | 13,740 | 7,335 | 75,405 | 795 | 12,525 | 92,850 | 21,285 | 4,905 | 280,365 |
| TOTAL | 422,220 | 192,540 | 66,570 | 1,370,160 | 12,450 | 190,260 | 827,850 | 454,785 | 15,105 | 3,551,940 |

* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE I
COMPARISON OF SELECTED COASTAL LOBSTER STATISTICS
1972 - 1977

| | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Licenses Issued | 7,729 | 9,048 | 9,688 | 9,744 | 9,637 | 10,072 |
| Licenses Fishing | 4,743 | 4,906 | 4,405 | 5,643 | 5,638 | 5,713 |
| Lobsters Landed (lbs.) | 4,222,097 | 3,680,554 | 3,882,535 | 5,203,315 | 5,053,453 | 5,765,530 |
| Value, Lobsters Sold | \$4,015,962 | \$5,092,908 | \$5,515,851 | \$8,827,005 | \$8,270,520 | \$10,136,748 |
| Total Fishery Value* | \$10,689,230 | \$11,130,332 | \$12,049,535 | \$21,011,917 | \$21,907,174 | \$26,344,272 |
| Pots Fished | 175,573 | 169,749 | 156,987 | 213,468 | 240,035 | 236,796 |
| Average Catch (lbs.) | | | | | | |
| All Fishermen | 890 | 730 | 881 | 922 | 806 | 1,009 |
| Reg. Fishermen | 4,222 | 3,847 | 4,173 | 4,078 | 3,925 | 4,534 |
| Casual Fishermen | 201 | 200 | 159 | 183 | 189 | 211 |
| Other Fishermen | 66 | 65 | 61 | 67 | 65 | 75 |
| Avg. Catch/Pot (lbs.) | 24.0 | 21.3 | 22.8 | 24.4 | 20.9 | 24.3 |
| Avg. Price/ (lbs.) | 123.3c | 148.6c | 150.2c | 179.9c | 173.3c | 186.6c |
| Avg. Wt./Lobster (lbs.) | 1.17 | 1.14 | 1.27 | 1.31 | 1.20 | 1.19 |

* Includes value of lobsters sold, current value of boats, pots, diving gear.

7) In total pounds of lobsters landed, Essex County ranked first, Plymouth County second, and Suffolk County third.

8) In total numbers of fishermen, Essex County ranked first with 2,164, Plymouth County second with 1,462, and Barnstable County third with 856.

9) Pots were valued at \$3,551,940, diving gear at \$638,555 and boats of all types at \$12,017,029, yielding a total gear value of \$16,207,524. Combining that with the value of lobsters sold \$10,136,748 gives a total fishery value of \$26,344,272.

The reader is referred to Tables 1-15 for detailed statistics.

LITERATURE CITED

ANDERSON, CHARLES O., JR. and LARRY SCOFIELD 1969. 1968 Massachusetts Coastal Lobster Fishery Statistics - Mass. Div. Marine Fisheries, Tech. Ser. No. 4, 19pp.

BEALS, RICHARD W. 1970. 1969 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. Marine Fisheries, Tech. Ser. No. 5, 19pp.

and J. RICHARD JONES. 1971. 1970 Massachusetts Coastal Lobster Fishery Statistics. Mass. Division Marine Fisheries Tech. Ser. No. 6, 19pp.

and J. RICHARD JONES and JOHN J. PHELAN, 1973. 1971 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. Marine Fisheries Tech. Ser. No. 7. 19pp.

and JOHN J. PHELAN. 1974. 1972 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. Marine Fisheries Tech. Ser. No. 8, 19pp.

1975. 1973 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. Marine Fisheries, Tech. Ser. No. 9, 19pp.

1976. 1974 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. Marine Fisheries, Tech. Ser. No. 10, 19pp.

BEALS, RICHARD W., GERALD M. NASH and JOHN J. PHELAN. 1977. 1975 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. of Marine Fisheries. Tech. Ser. No. 11, 19pp.

BEALS, RICHARD W., GERALD M. NASH. 1977. 1976 Massachusetts Coastal Lobster Fishery Statistics. Massachusetts Division of Marine Fisheries, Tech. Ser. No. 12, 19pp.

TABLE 11
VALUE OF DIVING GEAR
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | | TOTAL |
|--------------------------|------------|---------|-------|---------|-----------|---------|----------|---------|--------|-------|---------|
| | BARNSTABLE | BRISTOL | DUXES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | TOTAL | |
| REGULAR POTSMEN | 11,820 | 550 | | 795 | | 740 | 950 | 250 | | | 12,620 |
| POTSMAN-DIVERS | 7,375 | | | 795 | | 740 | 950 | 30 | | | 9,890 |
| SUB-TOTAL | 19,195 | 550 | | 795 | | 740 | 950 | 280 | | | 22,510 |
| CASUAL POTSMEN | | | | | | | | | | | |
| DIVERS | | | | | | | | | | | |
| POTSMAN-DIVERS | | | | | | | | | | | |
| SUB-TOTAL | | | | | | | | | | | |
| OTHER POTSMEN | 59,207 | 3,597 | 1,187 | 270,464 | 0 | 17,028 | 110,105 | 44,266 | 41,877 | | 547,731 |
| DIVERS | 15,029 | 1,399 | 429 | 20,941 | 0 | 3,871 | 19,204 | 5,611 | 1,830 | | 68,314 |
| POTSMAN-DIVERS | | | | | | | | | | | |
| SUB-TOTAL | 74,236 | 4,996 | 1,616 | 291,405 | 0 | 20,899 | 129,309 | 49,877 | 43,707 | | 616,045 |
| TOTAL | 93,431 | 5,546 | 1,616 | 292,200 | 0 | 21,639 | 130,259 | 50,157 | 43,707 | | 638,555 |

* Based on annual reports filed by fishermen

Division of Marine Fisheries

TABLE 12

NUMBER OF INBOARD BOATS
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | | TOTAL |
|-----------------------------|------------|---------|-------|-------|-----------|---------|----------|---------|-------|-------|-------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | MAHTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | TOTAL | |
| REGULAR FISHERMEN | 62 | 44 | 21 | 347 | 2 | 30 | 142 | 65 | 4 | 717 | |
| DIVERS | 2 | | | | | | | | | 2 | |
| POTMAN-DIVERS | 3 | | | 3 | | 1 | 1 | | | 8 | |
| SUB-TOTAL | 67 | 44 | 21 | 350 | 2 | 31 | 143 | 65 | 4 | 727 | |
| CASUAL FISHERMEN | | | | 5 | | | 1 | | | 6 | |
| DIVERS | | | | | | | | | | | |
| POTMAN-DIVERS | | | | | | | | | | | |
| SUB-TOTAL | | | | 5 | | | 1 | | | 6 | |
| OTHER FISHERMEN | 56 | 17 | 12 | 60 | 2 | 14 | 99 | 59 | 4 | 323 | |
| DIVERS | 2 | 1 | 0 | 27 | 0 | 2 | 9 | 14 | 0 | 55 | |
| POTMAN-DIVERS | 4 | 0 | 0 | 13 | 0 | 4 | 11 | 12 | 2 | 46 | |
| SUB-TOTAL | 62 | 18 | 12 | 100 | 2 | 20 | 119 | 85 | 6 | 424 | |
| TOTAL | 129 | 62 | 33 | 455 | 4 | 51 | 263 | 150 | 10 | 1,157 | |

* Based on annual reports filed by fisherman

Division of Marine Fisheries

A \$25 Seasonal Lobster Permit allows the licensee to use up to 25 pots from June 15 through September 15 and sell the catch. Diving is not allowed, and this permit is issued to full-time students only.

The \$15 Non-Commercial lobster permit authorizes the holder to fish for, take and land lobsters for consumption by himself or his immediate family only. The licensee could use up to ten pots and/or dive lobsters but could not sell his catch.

VALUES

The value of the catch is determined by the price received by the fisherman. When individual values were omitted, an average price for that area was applied to the poundage listed.

Gear values were calculated on the basis of the fisherman's estimate of its current value and the percentage of its use specifically for lobstering. Average gear values for the county were applied when data was omitted.

The average value of pots from all areas combined was \$15 per pot. This value was assigned where that data was omitted on the reports.

1977 HIGHLIGHTS

1) There were 10,072 coastal lobster licenses of all types issued in 1977: 1,371 full-time commercial, 142 seasonal commercial and 8,559 non-commercial.

2) Of a total of 5,713 lobster fishermen reporting, 2,129 reported they did not lobster during 1977.

3) A total of 5,765,530 pounds of lobsters were reported landed. Of these commercial fishermen (regular and casual) landed 5,432,427 pounds of lobsters which they sold for \$10,136,748.

4) Regular fishermen comprised 21% of the total numbers of lobstermen fishing, set 91% of the pots and landed 94% of the total pounds of lobsters taken.

5) Non-commercial ("other") fishermen comprised 77% of all fishermen and landed 6% of the total catch in pounds.

6) Divers comprised 34% of the fishermen reporting and landed less than 2% of the total poundage reported.

SOURCE OF DATA

No person may fish for or take lobsters or edible crabs in coastal waters or land the same in the Commonwealth without a permit issued by the Director, Division of Marine Fisheries (Chapter 130, G.L., Section 38).

Chapter 130, G.L., Section 33, requires any person so licensed to file an annual report of his catch by January 31 for the preceding calendar year. License renewal applications and catch report forms are mailed to licensees at the end of the calendar year.

The reports require the following information; permittees' name, address and permanent lobster number; method (s) used, (pots and/or diving); numbers, types and current value of gear used; percent that gear was used specifically for lobstering; numbers/pounds of lobsters taken and value if sold; principal port(s) of landing. Project personnel sort, edit and tabulate all reports.

Statistics presented in this booklet are based on reports received, and are not expanded to the 100% level.

EXPLANATION OF TABLES AREA

Statistics are reported for the county in which the catch was landed. Data was placed in the county category of "other" when the catch was landed in more than two counties or the county of landing could not be determined.

FISHERMAN CLASSIFICATION

Massachusetts' coastal lobster fishermen fall into three distinct categories, with a specific license for each; full-time commercial (\$100), seasonal commercial (\$25), and non-commercial (\$15). For statistical purposes they are classed as "regular", "casual", and "other", respectively. They are further sub-classed according to their method of fishing; potmen, divers, or combination potmen-divers.

\$100 Commercial Coastal Lobster Permit entitles the licensee to use any number of pots and/or dive, to sell his catch and to fish within territorial waters throughout the calendar year. The license could be taken in his name or in the name of his boat, in which latter case anyone aboard the boat could assist him with no other licenses required.

TABLE 13
VALUE OF INBOARD BOATS
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | | TOTAL |
|--------------------------|------------|---------|---------|-----------|-----------|---------|-----------|-----------|--------|-----------|-------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | | |
| REGULAR POTMEN | 1,422,900 | 600,700 | 220,230 | 3,242,940 | 15,429 | 494,130 | 1,575,417 | 780,825 | 67,250 | 8,419,821 | |
| POTMEN-DIVERS | 7,700 | | | | | | | | | 7,700 | |
| POTMAN-DIVERS | 90,000 | | | 33,750 | | 5,000 | 5,000 | | | 133,750 | |
| SUB-TOTAL | 1,520,600 | 600,700 | 220,230 | 3,276,690 | 15,429 | 499,130 | 1,580,417 | 780,825 | 67,250 | 8,561,271 | |
| CASUAL POTMEN | | | | 3,925 | | | 500 | | | 4,425 | |
| CASUAL POTMEN-DIVERS | | | | | | | | | | | |
| CASUAL POTMAN-DIVERS | | | | | | | | | | | |
| SUB-TOTAL | | | | 3,925 | | | 500 | | | 4,425 | |
| OTHER POTMEN | 158,891 | 27,627 | 26,534 | 106,250 | 5,010 | 13,838 | 222,388 | 162,292 | 5,629 | 728,457 | |
| OTHER POTMEN-DIVERS | 4,400 | 1,000 | 0 | 78,680 | 0 | 6,600 | 13,650 | 43,504 | 0 | 147,874 | |
| OTHER POTMAN-DIVERS | 6,825 | 0 | 0 | 17,550 | 0 | 2,925 | 19,446 | 21,246 | 2,093 | 70,114 | |
| SUB-TOTAL | 170,116 | 28,627 | 26,534 | 202,480 | 5,010 | 23,363 | 255,522 | 227,042 | 7,722 | 946,445 | |
| TOTAL | 1,690,746 | 629,327 | 246,764 | 3,483,096 | 20,439 | 522,493 | 1,836,437 | 1,007,867 | 74,972 | 9,512,141 | |

* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE 14
NUMBER OF OUTBOARD AND NON-POWER BOATS
IN MASSACHUSETTS COASTAL LOBSTER FISHERY
1977*

| COUNTRY | COUNTIES | | | | | | | | | | TOTAL |
|--------------|------------|---------|--------|-------|-------------|---------|----------|---------|-------|-------|-------|
| | BARNSTABLE | BENNETT | BUSKES | DEKES | HAUCCHESETT | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | | |
| REGULAR | 82 | 26 | 14 | 231 | 4 | 43 | 187 | 27 | 1 | 615 | |
| SEASIDE | 4 | 1 | | | | | | | | 6 | |
| NON-POWER | 14 | | 5 | | | 3 | 3 | 1 | | 26 | |
| SUB-TOTAL | 100 | 27 | 14 | 236 | 4 | 46 | 190 | 29 | 1 | 647 | |
| CENTRAL | 5 | | 6 | 23 | | 3 | 36 | 4 | | 77 | |
| WESTERN | | | | | | | | | | | |
| POTOM-OTHERS | | | | | | | | | | | |
| SUB-TOTAL | 5 | | 6 | 23 | | 3 | 36 | 4 | | 77 | |
| OTHER | 229 | 81 | 38 | 383 | 6 | 69 | 488 | 68 | 22 | 1,384 | |
| DIVERS | 35 | 1 | 1 | 73 | 0 | 4 | 43 | 11 | 4 | 172 | |
| POTOM-OTHERS | 36 | 4 | 4 | 46 | 0 | 4 | 59 | 18 | 1 | 172 | |
| SUB-TOTAL | 300 | 86 | 43 | 502 | 6 | 77 | 590 | 97 | 27 | 1,728 | |
| TOTAL | 405 | 113 | 63 | 761 | 10 | 126 | 816 | 130 | 28 | 2,452 | |

* Based on annual reports filed by fishermen

- Division of Marine Fisheries

INTRODUCTION

The coastal lobster fishery of Massachusetts continues to be the most economically important single fishery conducted within the territorial waters of the Commonwealth.

Each passing year finds the lobster fishery becoming even more complex, involving far-reaching biological, sociological and economic considerations.

A moratorium now limits the issuance of coastal lobster permits to 1,300 per year, with renewal preference given to fishermen who held a valid permit for the prior year, actually lobstered during that year, and filed a completed catch report. There is also a provision for the issuance of an additional 130 permits to those who can demonstrate to the satisfaction of the Marine Fisheries Advisory Commission that they would suffer a substantial hardship if the permit were not granted to them.

This report constitutes the tenth such annual presentation of coastal lobster statistics in a standardized format. It has been prepared by personnel of the division's commercial fisheries statistics project, financed jointly by state and federal funds under the Commercial Fisheries Research and Development Act of 1964, Public Law 88-309.

The coastal lobstermen of Massachusetts, commercial and non-commercial, potmen and/or divers, have provided the data included here through their annual catch reports. They deserve a special thanks, as do the division personnel who assisted in processing and preparing the wealth of material this report represents.

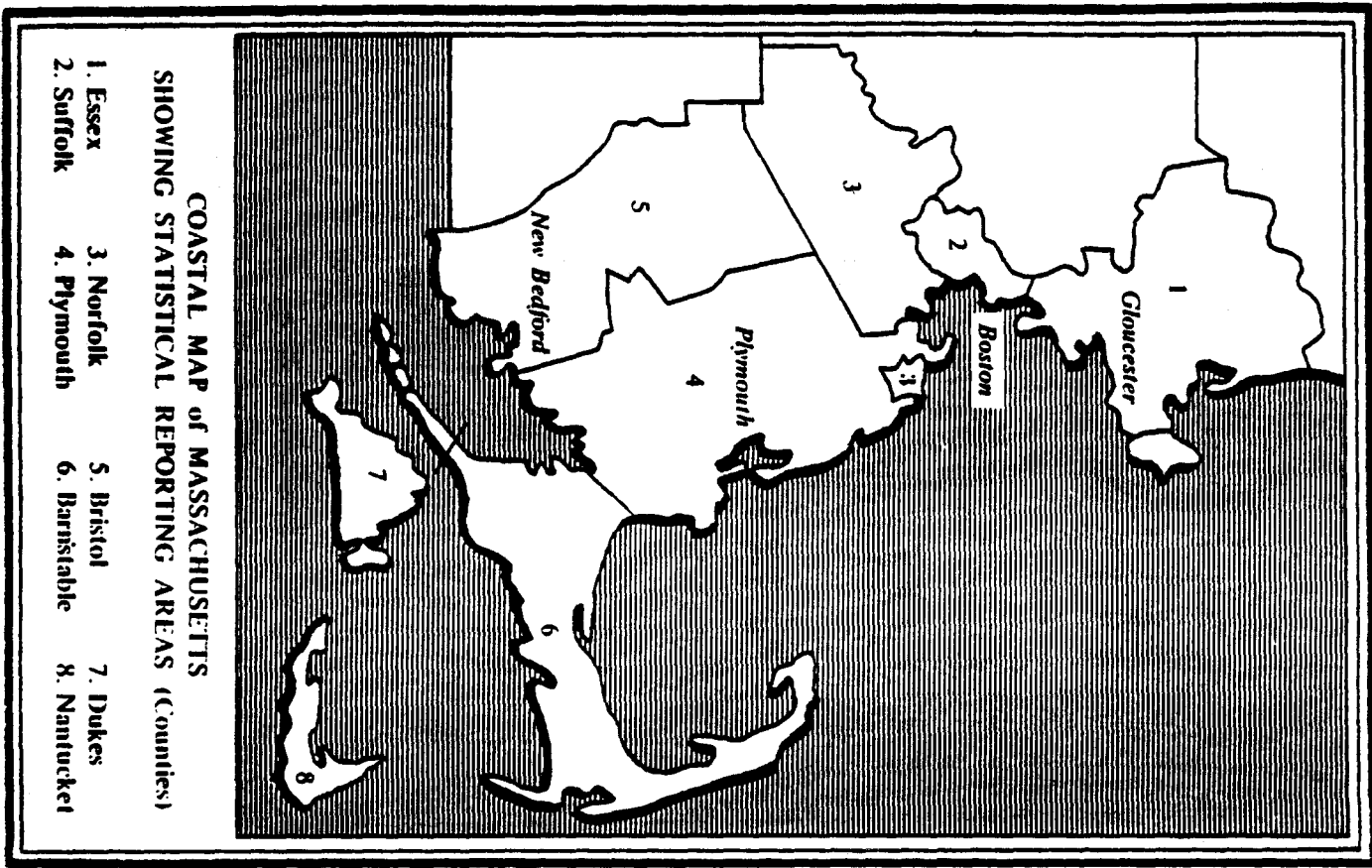


Figure 1

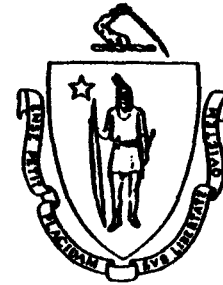
TABLE 15
 VALUE OF OUTBOARD AND NON-POWER BOATS
 IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1977*

| FISHERMAN CLASSIFICATION | COUNTIES | | | | | | | | | TOTAL |
|--------------------------|----------------|----------------|---------------|----------------|--------------|----------------|----------------|----------------|---------------|------------------|
| | BARNSTABLE | BRISTOL | DUKES | ESSEX | NANTUCKET | NORFOLK | PLYMOUTH | SUFFOLK | OTHER | |
| REGULAR | | | | | | | | | | |
| POTSMEN | 172,758 | 38,158 | 10,950 | 401,922 | 4,159 | 134,660 | 307,815 | 78,198 | 300 | 1,148,921 |
| DIVERS | 8,200 | 500 | | | | | | 2,000 | | 10,700 |
| POTSMAN-DIVERS | 19,734 | | | 4,162 | | 9,500 | 5,760 | 810 | | 39,950 |
| SUB-TOTAL | 200,692 | 38,658 | 10,950 | 406,084 | 4,159 | 144,160 | 313,575 | 81,008 | 300 | 1,199,571 |
| CASUAL | | | | | | | | | | |
| POTSMEN | 4,175 | | 980 | 13,872 | | 2,640 | 22,998 | 1,686 | | 46,296 |
| DIVERS | | | | | | | | | | |
| POTSMAN-DIVERS | | | | | | | | | | |
| SUB-TOTAL | 4,175 | | 980 | 13,872 | | 2,640 | 22,998 | 1,686 | | 46,296 |
| OTHER | | | | | | | | | | |
| POTSMEN | 206,220 | 62,782 | 27,744 | 266,761 | 2,075 | 49,478 | 349,035 | 49,074 | 26,869 | 1,040,037 |
| DIVERS | 17,772 | 12 | 200 | 52,403 | | 3,540 | 28,399 | 3,274 | 1,867 | 107,413 |
| POTSMAN-DIVERS | 28,676 | 1,601 | 6,430 | 27,712 | | 2,496 | 29,751 | 9,505 | 5,400 | 111,571 |
| SUB-TOTAL | 252,668 | 64,395 | 34,374 | 346,876 | 2,075 | 55,514 | 407,185 | 61,853 | 34,136 | 1,259,021 |
| TOTAL | 457,476 | 103,053 | 46,304 | 766,760 | 6,234 | 202,314 | 743,758 | 144,547 | 34,436 | 2,504,888 |

* Based on annual reports filed by fisherman

Division of Marine Fisheries



1977
*Massachusetts
 Coastal
 Lobster Fishery
 Statistics*



by
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Technical Series No. 13

A contribution of
 Commercial Fisheries Research & Development Act
 (P.L. 88-309) Project 3-194-D

Publication #11,101-20-250-12-78-CR
 Approved by Alfred C. Holland, State Purchasing Agent