

1979

Massachusetts  
Coastal  
Lobster Fishery  
Statistics

by

Charles O. Anderson, Jr., Senior Marine Fisheries Biologist  
Gerald M. Nash, Statistician

Department of Fisheries, Wildlife and Recreational Vehicles  
Division of Marine Fisheries

Technical Series No. 15

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

Approved by John Manton, Acting State Purchasing Agent

Publication: #12199-24-200-11/80-C.R.

## INTRODUCTION

The coastal lobster fishery of Massachusetts is the most economically important fishery conducted within the territorial waters of the Commonwealth. The overall economic importance of the lobster fishery, both in New England and, in recent years, in the Mid-Atlantic states, has focused the attention of Federal, Regional and State fishery managers on this species. Initially, in an attempt to standardize management of the fishery, the Federal and State governments developed an overall lobster fishery management plan under the auspices of the State-Federal Partnership Program. However, with the development of a substantial offshore fishery in the Mid-Atlantic region, the New England Fisheries Management Council has begun to develop a Management plan under the authority of the Fisheries Management and Conservation Act. The basis of any such plan is an accurate statistical data base. The Commonwealth of Massachusetts, with joint funding from the National Marine Fisheries Service, has been collecting annual catch reports from licensed lobster fishermen for many years. Until now, the data collected has been used primarily for descriptive and informational purposes, and occasionally for management. However, with the recent emphasis on Federal and Regional management, this data takes on added importance in terms of providing the respective management agencies with adequate information to ensure that the interests of Massachusetts' lobstermen are protected.

Presently, the number of coastal commercial licenses that the Division can issue is limited by law to 1,300. There is a provision for the issuance of an additional 130 permits to be issued to fishermen who can demonstrate to the Marine Fisheries Advisory Commission that they would suffer significant economic hardship if they could not obtain a commercial lobster permit. The limitation of the number of licenses issued will remain in effect until January 1, 1981, when the number of licenses available will be increased annually.

This report is the twelfth annual publication of data summarized from catch reports submitted by licensed commercial and non-commercial lobster fishermen. For the most part, these reports have been presented in a standardized format. However, some minor changes are being made in this report and it is anticipated that future reports will be substantially modified to present more data that is of use to respective state, regional and federal managers. This report has been prepared by personnel of the Division of Marine Fisheries commercial fisheries project, which is jointly funded by the Commonwealth and the National Marine Fisheries Service under the Commercial Fisheries Research and Development Act (Public Law 88-309).

The preparation of this report would not have been possible without the cooperation of the licensed lobstermen of the Commonwealth who provided the data on their annual catch reports. Special thanks also go to Nancy Leamy and Mary Ann Gachignard for their assistance in processing the catch reports when they are received from the fishermen.

## SOURCE OF DATA

No person may fish for or take lobsters in coastal waters or land lobsters in the Commonwealth without a permit issued by the Director of the Division of Marine Fisheries (Chapter 130, Mass. G.L., Section 38). Chapter 130, Mass. G.L., Section 33, requires any person so licensed to file an annual report of his fishing activities 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. A license renewal is not processed unless a completed catch report is filed by the applicant.

Licensees are required to report: method of fishing (pots and/or diving); number and types of gear used; effort data (set-over days); numbers of pounds of lobsters taken; areas fished; principal port(s) of landing; and information relative to the vessels used in the fishery. Project personnel sort, edit and tabulate all reports.

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

## EXPLANATION OF TABLES

### AREA

In all tables except 16 and 17, data are reported for the county in which the catch was landed (Figure 1). Data were placed in the county category "other" when the county of landing could not be determined. In Table 17 data are presented by specific area fished. Table 16 lists the total full-time commercial lobster landings for each coastal city or town. In those communities where there are less than three commercial fishermen, the data are aggregated with those of an adjacent municipality to protect the confidentiality of the data provided on the individual catch reports.

## 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 classified as "regular", "casual" and "other", respectively. They are further sub-classified according to their methods of fishing: potmen, divers or combination potmen-divers.

A \$100 Commercial Coastal Lobster Permit entitles the licensee to use any number of pots and/or SCUBA apparatus, to sell his catch, and to fish within the territorial waters throughout the calendar year. The license can be issued in the applicant's name or in the name of his vessel. In the latter case anyone aboard the vessel can assist the licensee with no other license required.

A \$25 Seasonal Lobster Permit allows the licensee to use up to 25 pots from June 15 through September 15 and to sell his 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 can use up to ten pots and/or SCUBA dive for lobsters but cannot sell his catch.

#### VALUES

The value of the catch is determined by the price received by the fisherman. The average price per pound was obtained from the Division's Dealer Individual Transaction Slip program.

The average value of a lobster pot was estimated to be \$27.50 (Fair,<sup>1</sup> personal communication). This includes the value of the buoys and line.

Vessel and SCUBA gear values were calculated on the basis of the fisherman's estimate of its present value and the percentage of its use specifically for lobstering. Average gear values for the county were used when the information was omitted from an individual report.

#### CONVERSION FACTOR--NUMBERS TO POUNDS OF LOBSTER

In the past, all fishermen were required to report both the numbers and pounds of lobsters taken. An in-depth study of the individual reports and field interviews with all types of license holders revealed the following: Because commercial lobstermen are paid by the pound for their catch, the number of pounds landed tended to be very accurate, however, very often they failed to accurately record the number of individual lobsters taken. Conversely, the non-commercial fishermen tended to be more accurate in recording the numbers of individual lobsters taken while their poundage estimates were inaccurate. For this reason, commercial fishermen were asked to report their catch in pounds and the recreational fishermen were required to report the number of lobsters taken. A detailed lobster pound survey was to have been conducted by the Division's coastal lobster investigation project which would have given an accurate pounds to numbers conversion factor. Unfortunately, due to personnel problems, the survey was not undertaken. Therefore, an average conversion factor (1.2 pounds per lobster) was computed from the past several years' catch reports.

#### SPECIAL TABLE

With the assistance of Christopher Kellogg, the Division's Resource Economist, a new table (Table 17) was developed to show the full-time

---

<sup>1</sup>J. Fair, Mass. Div. Marine Fisheries, Boston.

commercial catch by month and area fished. For assistance in interpreting Table 17 refer to Figure 2 for a complete description of fishing areas. As this Table was compiled before all catch reports had been logged in, the catch by month and area is reported as a percent of the total, rather than in actual poundage.

#### 1979 HIGHLIGHTS

- 1) There were 12,153 coastal lobsters licenses of all types issued in 1970: 1,386 full-time commercial, 288 seasonal commercial and 10,479 non-commercial.
- 2) Of the 9,754 licensed lobstermen reporting, 3,523 (36.1 percent) reported that they did not lobster during 1979.
- 3) A total of 7,627,262 pounds of lobsters were reported landed. Of these, commercial fishermen (regular and coastal) landed 7,281,544 pounds of lobsters which they sold for \$14,563,088.
- 4) Regular fishermen comprised 20.8% of the total number of lobstermen reported fishing, set 91.9% of the pots and landed 94.8% of the total pounds of lobsters taken.
- 5) Non-commercial (other) fishermen comprised 76.4% of all fishermen and landed 4.5% of the total catch in pounds.
- 6) Divers comprised 32.9% of the fishermen reporting and landed only 1.1% of the total poundage reported.
- 7) In total pounds of lobsters landed, Essex County ranked first, Plymouth County second and Suffolk County third.
- 8) In total numbers of fishermen reporting, Essex County ranked first with 2,140, Plymouth County second with 1,574 and Barnstable County third with 964.
- 9) Pots were valued at \$8,017,350, diving gear at \$963,555 and boats of all types at \$17,609,550; yielding a total gear value of \$26,590,455. Combined with the value of lobsters sold, \$14,563,088, gives a total fishery value of \$41,153,543.
- 10) More pounds of lobsters were landed in Boston (998,740) by regular fishermen than in any other Massachusetts port. Gloucester ranked second with 578,912 pounds, followed closely by Plymouth with 553,044 pounds.
- 11) Landings by regular fishermen rose steadily during the spring, peaked in August and then declined. The least amount of lobsters were landed in February.
- 12) According to reports filed by regular fishermen, the greatest number of

lobsters were taken in the Boston Harbor Area (Area 4), followed by the Beverly - Salem - Marblehead Area (Area 3) and Cape Ann (Area 2).

For detailed information the reader is referred to Tables 1 - 17.

## LITERATURE CITED

- Beals, R. W. and J. J. Phelan. 1976. 1974 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. Marine Fisheries, Tech. Ser. No. 10, 19 pp.
- \_\_\_\_\_, G. M. Nash and J. J. Phelan. 1977. 1975 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. of Marine Fisheries. Tech. Ser. No. 11, 19 pp.
- \_\_\_\_\_ and \_\_\_\_\_. 1977. 1976 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. of Marine Fisheries. Tech. Ser. No. 12, 19 pp.
- \_\_\_\_\_, \_\_\_\_\_ and C. J. Kilbride. 1978. 1977 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. of Marine Fisheries. Tech. Ser. No. 13, 19 pp.
- Kilbride, C. J. and G. M. Nash. 1979. 1978 Massachusetts Coastal Lobster Fishery Statistics. Mass. Div. of Marine Fisheries. Tech. Ser. No. 14, 17 pp.

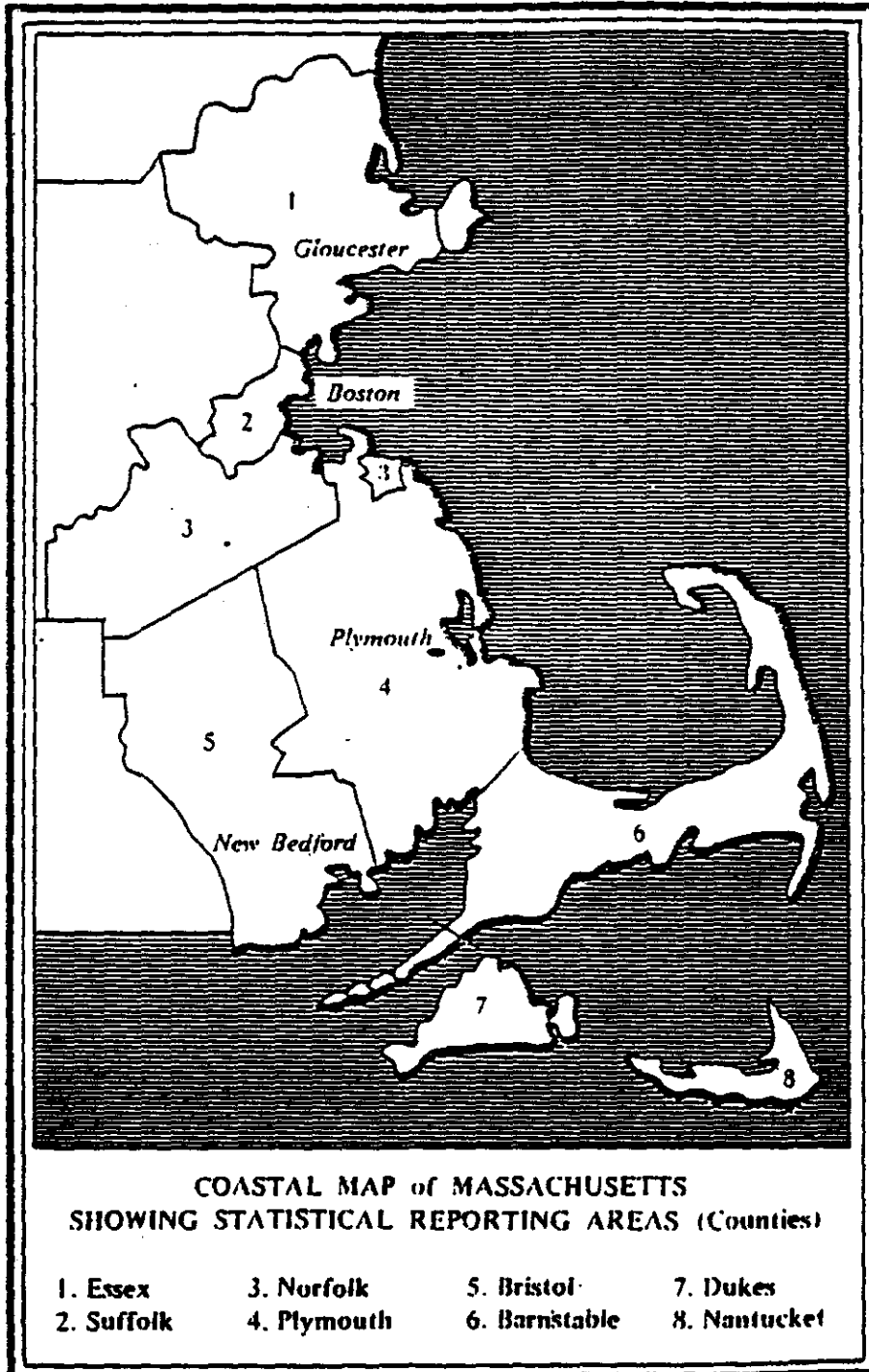
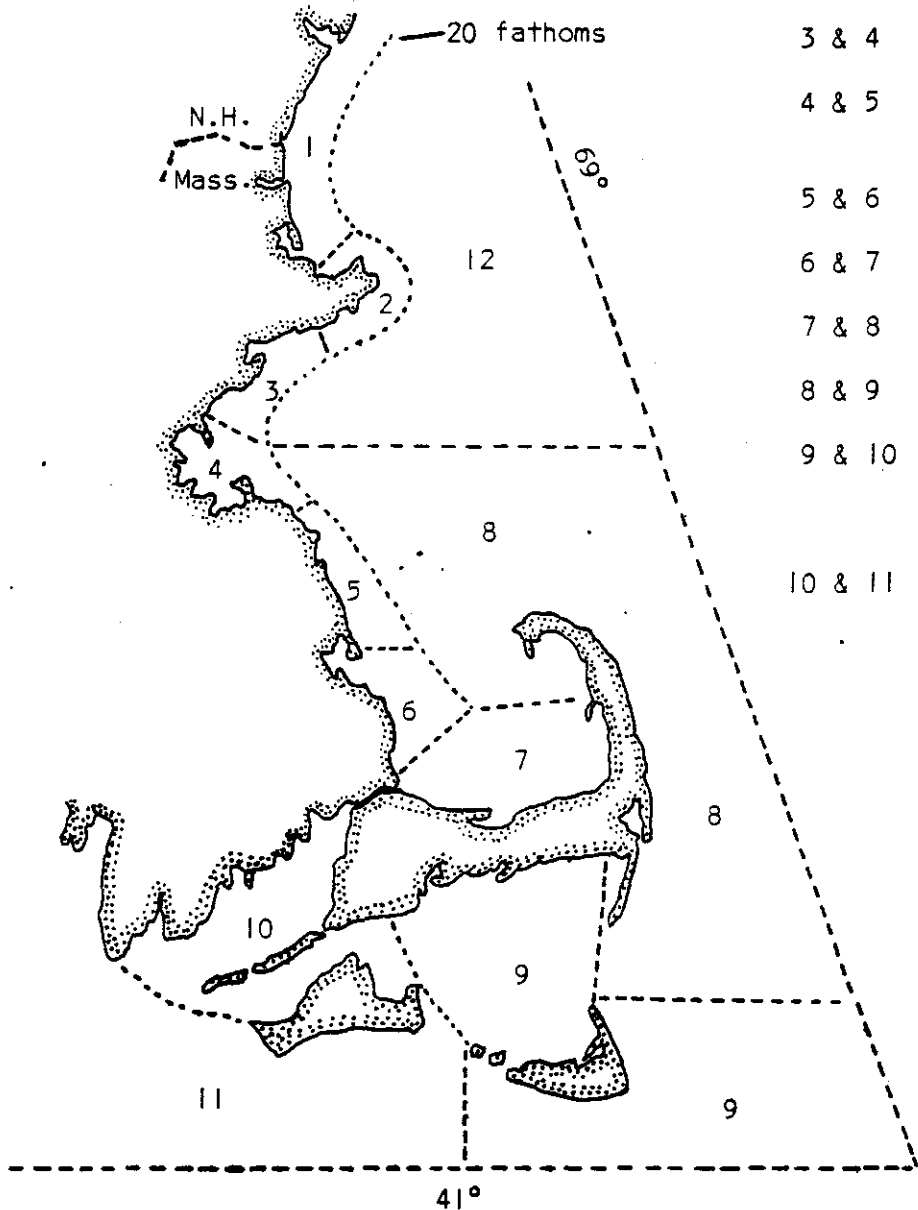


Figure 1



Figure 2. Location and description of coastal lobster fishing areas in Massachusetts.



Between Areas	BOUNDARIES
1 & 2	Castle Neck, Ipswich
2 & 3	Goldsmith Point, Manchester
3 & 4	Red Rock, Lynn
4 & 5	Tobias Ledge (Spindle), Scituate
5 & 6	High Pines Ledge, Plymouth
6 & 7	Scussett Beach, Sandwich
7 & 8	Griffin Island, Wellfleet
8 & 9	Harwich/Chatham Line
9 & 10	Waquoit Bay, Falmouth-- Cape Poge, Martha's Vineyard-- Muskegat Island
10 & 11	Mass./R.I. Line--Gay Head

Note: The seaward boundary of Areas 1 through 7 is the 20 Fathom line.

TABLE I

## COMPARISON OF SELECTED COASTAL LOBSTER STATISTICS

1974 - 1979

	1974	1975	1976	1977	1978	1979
Licenses Issued	9,688	9,744	9,637	10,072	10,475	12,153
Licensees Fishing	4,405	5,645	5,638	5,713	5,636	6,231
Lobsters Landed (lbs.)	3,882,535	5,203,315	5,053,453	5,765,530	7,028,598	7,627,262
Value, Lobsters Sold	\$5,515,851	\$8,827,005	\$8,270,520	\$10,136,748	\$12,748,445	\$14,563,088
Total Fishery Value*	\$12,049,535	\$21,011,917	\$21,907,174	\$26,344,272	\$34,203,622	\$41,153,543
Pots Fished	156,987	213,468	240,035	236,796	257,458	291,540
Average Catch (lbs.)						
All Fishermen	881	922	806	1,009	1,247	1,224
Reg. Fishermen	4,173	4,078	3,925	4,554	5,274	5,591
Casual Fishermen	159	183	189	211	242	298
Other Fishermen	61	67	65	75	71	73
Avg. Catch/Pot (lbs.)	22.8	24.4	20.9	24.3	27.5	25.9

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

TABLE 2

Number and Types of Lobster Licenses Issued in 1979

\$100 Commercial (coastal)	1,386
\$25 Seasonal	288
\$15 Non-Commercial	<u>10,479</u>
TOTAL	12,153

TABLE 3

Status of Licensees Filing Catch Reports for 1979

Licensees Reporting	9,754
---------------------	-------

Licensees Fishing:	
--------------------	--

\$100 Commercial	1,293
------------------	-------

\$25 Seasonal	177
---------------	-----

\$15 Non-Commercial	<u>4,761</u> (45%)
---------------------	--------------------

TOTAL	6,231
-------	-------

Licensees Not Fishing: -	
--------------------------	--

\$100 Commercial	70
------------------	----

\$25 Seasonal	31
---------------	----

\$15 Non-Commercial	<u>3,422</u> (23%)
---------------------	--------------------

TOTAL	3,523
-------	-------

Not Report

2296 (22)

TABLE 4

Total Value of Massachusetts Coastal Lobster Fishery, 1979

Gear:	
-------	--

Pots	\$ 8,017,350
------	--------------

Diving Gear	963,555
-------------	---------

Boats	17,609,550
-------	------------

Lobsters Sold	<u>14,563,088</u>
---------------	-------------------

TOTAL	\$41,153,543
-------	--------------

TABLE 5

NUMBER OF FISHERMEN  
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	124	66	27	535	4	65	318	115	7	1,261
DIVERS	3	0	0	**1	0	1	**2	0	0	7
POTMAN-DIVERS	5	0	0	9	0	6	2	3	0	25
<b>SUB-TOTAL</b>	132	66	27	545	4	72	322	118	7	1,293
<b>CASUAL</b>										
POTMEN	18	6	4	65	1	7	66	10	0	177
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	18	6	4	65	1	7	66	10	0	177
<b>OTHER</b>										
POTMEN	568	158	70	650	9	177	771	160	36	2,599
DIVERS	214	49	14	817	0	206	365	120	193	1,978
POTMAN-DIVERS	32	7	1	63	0	18	50	9	4	184
<b>SUB-TOTAL</b>	814	214	85	1,530	9	401	1,186	289	233	4,761
<b>TOTAL</b>	964	286	116	2,140	14	480	1,574	417	240	6,231

\* Based on annual reports filed by fisherman

- Division of Marine Fisheries

\*\*Includes one harvested by gill net

TABLE 6

NUMBER OF LOBSTERS LANDED  
 IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	470,094	275,447	43,823	2,506,283	6,168	388,928	1,308,298	895,040	28,992	5,923,073
DIVERS	2,331	0	0	167	0	1,100	281	0	0	3,879
POTMAN-DIVERS	13,872	0	0	34,348	0	19,450	14,478	14,951	0	97,099
<b>SUB-TOTAL</b>	<b>486,297</b>	<b>275,447</b>	<b>43,823</b>	<b>2,540,798</b>	<b>6,168</b>	<b>409,478</b>	<b>1,323,057</b>	<b>909,991</b>	<b>28,992</b>	<b>6,024,051</b>
<b>CASUAL</b>										
POTMEN	3,415	2,974	974	14,792	192	1,972	16,978	2,603	0	43,900
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>3,415</b>	<b>2,974</b>	<b>974</b>	<b>14,792</b>	<b>192</b>	<b>1,972</b>	<b>16,978</b>	<b>2,603</b>	<b>0</b>	<b>43,900</b>
<b>OTHER</b>										
POTMEN	36,015	12,240	4,152	57,043	487	15,895	65,614	13,615	2,590	207,651
DIVERS	7,616	1,038	422	27,887	0	8,849	11,320	5,856	3,731	66,719
POTMAN-DIVERS	2,097	696	35	5,201	0	1,138	3,759	592	212	13,730
<b>SUB-TOTAL</b>	<b>45,728</b>	<b>13,974</b>	<b>4,609</b>	<b>90,131</b>	<b>487</b>	<b>25,882</b>	<b>80,693</b>	<b>20,063</b>	<b>6,533</b>	<b>288,100</b>
<b>TOTAL</b>	<b>535,440</b>	<b>292,395</b>	<b>49,406</b>	<b>2,645,721</b>	<b>6,847</b>	<b>437,332</b>	<b>1,420,728</b>	<b>932,657</b>	<b>35,525</b>	<b>6,356,051</b>

\* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE 7

POUNDS OF LOBSTERS LANDED  
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	564,113	330,536	52,558	3,007,540	7,402	466,714	1,569,957	1,074,048	34,790	7,107,688
DIVERS	2,797	0	0	200	0	1,320	337	0	0	4,654
POTMAN-DIVERS	16,647	0	0	41,218	0	23,340	17,374	17,941	0	116,520
<b>SUB-TOTAL</b>	<b>583,557</b>	<b>330,536</b>	<b>52,588</b>	<b>3,048,958</b>	<b>7,402</b>	<b>491,374</b>	<b>1,587,668</b>	<b>1,091,989</b>	<b>34,790</b>	<b>7,228,862</b>
<b>CASUAL</b>										
POTMEN	4,098	3,569	1,169	17,751	231	2,366	20,374	3,124	0	52,682
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>4,098</b>	<b>3,569</b>	<b>1,169</b>	<b>17,751</b>	<b>231</b>	<b>2,366</b>	<b>20,374</b>	<b>3,124</b>	<b>0</b>	<b>52,682</b>
<b>OTHER</b>										
POTMEN	43,218	14,688	4,982	68,452	584	19,074	78,737	16,338	3,108	249,181
DIVERS	9,139	1,246	506	33,464	0	10,619	13,584	7,027	4,477	80,062
POTMAN-DIVERS	2,516	835	42	6,241	0	1,366	4,511	710	254	16,475
<b>SUB-TOTAL</b>	<b>54,873</b>	<b>16,769</b>	<b>5,530</b>	<b>108,157</b>	<b>584</b>	<b>31,059</b>	<b>96,832</b>	<b>24,075</b>	<b>7,839</b>	<b>345,718</b>
<b>TOTAL</b>	<b>642,528</b>	<b>350,874</b>	<b>59,287</b>	<b>3,174,866</b>	<b>8,217</b>	<b>524,799</b>	<b>1,704,874</b>	<b>1,119,188</b>	<b>42,629</b>	<b>7,627,262</b>

\* Based on annual reports filed by fisherman

- Division of Marine Fisheries

TABLE 8

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

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	1,128,226	661,072	105,176	6,015,080	14,804	933,428	3,139,914	2,148,096	69,580	14,215,376
DIVERS	5,594	0	0	400	0	2,640	674	0	0	9,308
POTMAN-DIVERS	33,294	0	0	82,436	0	46,680	34,748	35,882	0	233,040
<b>SUB-TOTAL</b>	<b>1,167,114</b>	<b>661,072</b>	<b>105,176</b>	<b>6,097,916</b>	<b>14,804</b>	<b>982,748</b>	<b>3,175,336</b>	<b>2,183,978</b>	<b>69,580</b>	<b>14,457,724</b>
<b>CASUAL</b>										
POTMEN	8,196	7,138	2,338	35,502	462	4,732	40,748	6,248	0	105,364
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>8,196</b>	<b>7,138</b>	<b>2,338</b>	<b>35,502</b>	<b>462</b>	<b>4,732</b>	<b>40,748</b>	<b>6,248</b>	<b>0</b>	<b>105,364</b>
<b>OTHER</b>										
POTMEN										
DIVERS										
POTMAN-DIVERS										
<b>SUB-TOTAL</b>										
<b>TOTAL</b>	<b>1,175,310</b>	<b>668,210</b>	<b>107,514</b>	<b>6,133,418</b>	<b>15,266</b>	<b>987,480</b>	<b>3,216,084</b>	<b>2,190,226</b>	<b>69,580</b>	<b>14,563,088</b>

\* Based on annual reports filed by fisherman

- Division of Marine Fisheries

TABLE 9

NUMBER OF POTS FISHED  
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	25,840	14,881	3,777	106,375	538	13,362	61,640	36,658	1,304	264,375
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	414	0	0	1,418	0	478	700	550	0	3,560
<b>SUB-TOTAL</b>	<b>26,254</b>	<b>14,881</b>	<b>3,777</b>	<b>107,793</b>	<b>538</b>	<b>13,840</b>	<b>62,340</b>	<b>37,208</b>	<b>1,304</b>	<b>267,935</b>
<b>CASUAL</b>										
POTMEN	332	150	87	1,379	20	145	1,317	227	0	3,657
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>332</b>	<b>150</b>	<b>87</b>	<b>1,379</b>	<b>20</b>	<b>145</b>	<b>1,317</b>	<b>227</b>	<b>0</b>	<b>3,657</b>
<b>OTHER</b>										
POTMEN	3,476	1,192	495	5,015	57	1,286	5,924	1,073	251	18,769
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	171	44	5	441	0	102	344	45	27	1,179
<b>SUB-TOTAL</b>	<b>3,647</b>	<b>1,236</b>	<b>500</b>	<b>5,456</b>	<b>57</b>	<b>1,388</b>	<b>6,268</b>	<b>1,118</b>	<b>278</b>	<b>19,948</b>
<b>TOTAL</b>	<b>30,233</b>	<b>16,267</b>	<b>4,364</b>	<b>114,628</b>	<b>615</b>	<b>15,373</b>	<b>69,925</b>	<b>38,553</b>	<b>1,582</b>	<b>291,540</b>

\* Based on annual reports filed by fisherman

- Division of Marine Fisheries



TABLE 10

VALUE OF POTS FISHED  
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	710,600	409,228	103,868	2,925,312	14,795	367,455	1,695,100	1,008,095	35,860	7,270,313
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	11,385	0	0	38,995	0	13,145	19,250	15,125	0	97,900
<b>SUB-TOTAL</b>	<b>721,985</b>	<b>409,228</b>	<b>103,868</b>	<b>2,964,307</b>	<b>14,795</b>	<b>380,600</b>	<b>1,714,350</b>	<b>1,023,220</b>	<b>35,860</b>	<b>7,368,213</b>
<b>CASUAL</b>										
POTMEN	9,130	4,125	2,392	37,922	550	3,988	36,218	6,242	0	100,567
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>9,130</b>	<b>4,125</b>	<b>2,392</b>	<b>37,922</b>	<b>550</b>	<b>3,988</b>	<b>36,218</b>	<b>6,242</b>	<b>0</b>	<b>100,567</b>
<b>OTHER</b>										
POTMEN	95,590	32,780	13,612	137,912	1,568	35,365	162,910	29,508	6,902	516,147
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	4,702	1,210	138	12,128	0	2,805	9,460	1,238	742	32,423
<b>SUB-TOTAL</b>	<b>100,292</b>	<b>33,990</b>	<b>13,750</b>	<b>150,040</b>	<b>1,568</b>	<b>38,170</b>	<b>172,370</b>	<b>30,746</b>	<b>7,644</b>	<b>548,570</b>
<b>TOTAL</b>	<b>831,407</b>	<b>447,343</b>	<b>120,010</b>	<b>3,152,269</b>	<b>16,913</b>	<b>422,758</b>	<b>1,922,938</b>	<b>1,060,208</b>	<b>43,504</b>	<b>8,017,350</b>

\* Based on annual reports filed by fisherman

- Division of Marine Fisheries

TABLE II

VALUE OF DIVING GEAR  
**IN MASSACHUSETTS COASTAL LOBSTER FISHERY**

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
<b>POTMEN</b>										
<b>DIVERS</b>	4,950					482	1,275			6,707
<b>POTMAN-DIVERS</b>	1,940			3,735		2,890	1,500	660		10,725
<b>SUB-TOTAL</b>	6,890			3,735		3,372	2,775	660		17,432
<b>CASUAL</b>										
<b>POTMEN</b>										
<b>DIVERS</b>										
<b>POTMAN-DIVERS</b>										
<b>SUB-TOTAL</b>										
<b>OTHER</b>										
<b>POTMEN</b>	0	0	0	0	0	0	0	0	0	0
<b>DIVERS</b>	96,390	29,424	3,455	338,456	0	111,864	156,869	56,348	72,351	865,157
<b>POTMAN-DIVERS</b>	27,675	2,924	23	21,321	0	8,225	16,561	2,537	1,700	80,966
<b>SUB-TOTAL</b>	124,065	32,348	3,478	359,777	0	120,089	173,430	58,885	74,051	946,123
<b>TOTAL</b>	130,955	32,348	3,478	363,512	0	123,461	176,205	59,545	74,051	963,555

\* Based on annual reports filed by fisherman

- Division of Marine Fisheries

TABLE 12

NUMBER OF INBOARD BOATS  
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	58	45	18	367	2	32	180	90	5	797
DIVERS	1	0	0	1	0	0	1	0	0	3
POTMAN-DIVERS	1	0	0	6	0	2	1	2	0	12
<b>SUB-TOTAL</b>	60	45	18	374	2	34	182	92	5	812
<b>CASUAL</b>										
POTMEN	1	1	0	7	0	0	4	1	0	14
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	1	1	0	7	0	0	4	1	0	14
<b>OTHER</b>										
POTMEN	84	22	13	80	0	39	108	40	11	397
DIVERS	6	1	1	33	0	7	13	12	6	79
POTMAN-DIVERS	0	1	0	12	0	2	7	1	2	25
<b>SUB-TOTAL</b>	90	24	14	125	0	48	128	53	19	501
<b>TOTAL</b>	151	70	32	506	2	82	314	146	24	1,327

\* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE 13

VALUE OF INBOARD BOATS  
IN MASSACHUSETTS COASTAL LOBSTER FISHERY

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	1,275,465	882,802	296,450	5,614,282	39,500	887,000	3,057,089	1,521,648	154,250	13,728,486
DIVERS	1,900		0	1,400	0	0	16,000	0	0	19,300
POTMAN-DIVERS	10,800		0	56,200	0	22,600	7,000	14,800	0	111,400
<b>SUB-TOTAL</b>	<b>1,288,165</b>	<b>882,802</b>	<b>296,450</b>	<b>5,671,882</b>	<b>39,500</b>	<b>909,600</b>	<b>3,080,089</b>	<b>1,536,448</b>	<b>154,250</b>	<b>13,859,186</b>
<b>CASUAL</b>										
POTMEN	2,000	100	0	20,140	0	0	51,361	500	0	74,101
DIVERS			0	0	0	0	0	0	0	0
POTMAN-DIVERS			0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>2,000</b>	<b>100</b>	<b>0</b>	<b>20,140</b>	<b>0</b>	<b>0</b>	<b>51,361</b>	<b>500</b>	<b>0</b>	<b>74,101</b>
<b>OTHER</b>										
POTMEN	58,883	29,945	24,975	219,880	0	66,786	115,505	36,200	35,785	587,959
DIVERS	23,710	75	2,000	50,630	0	4,355	17,910	52,250	9,745	160,675
POTMAN-DIVERS	0	90	0	16,835	0	2,800	16,070	600	1,715	38,110
<b>SUB-TOTAL</b>	<b>82,593</b>	<b>30,110</b>	<b>26,975</b>	<b>287,345</b>	<b>0</b>	<b>73,941</b>	<b>149,485</b>	<b>89,050</b>	<b>47,245</b>	<b>786,744</b>
<b>TOTAL</b>	<b>1,372,758</b>	<b>913,012</b>	<b>323,425</b>	<b>5,979,367</b>	<b>39,500</b>	<b>983,541</b>	<b>3,280,935</b>	<b>1,625,998</b>	<b>201,495</b>	<b>14,720,031</b>

\* 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

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	60	21	9	168	2	32	143	26	2	463
DIVERS	2	0	0	0	0	1	1	0	0	4
POTMAN-DIVERS	5	0	0	3	0	3	1	0	0	12
<b>SUB-TOTAL</b>	67	21	9	171	2	36	145	26	2	479
<b>CASUAL</b>										
POTMEN	14	5	4	55	1	6	60	9	0	154
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	14	5	4	55	1	6	60	9	0	154
<b>OTHER</b>										
POTMEN	301	117	54	484	8	120	586	83	16	1,769
DIVERS	49	5	0	114	0	28	59	20	7	282
POTMAN-DIVERS	26	4	1	44	0	13	44	6	2	140
<b>SUB-TOTAL</b>	376	126	55	642	8	161	689	109	25	2,191
<b>TOTAL</b>	457	152	68	868	11	203	894	144	27	2,824

\* Based on annual reports filed by fisherman

Division of Marine Fisheries

TABLE 15

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

1979\*

FISHERMAN CLASSIFICATION	COUNTIES									TOTAL
	BARNSTABLE	BRISTOL	DUKES	ESSEX	NANTUCKET	NORFOLK	PLYMOUTH	SUFFOLK	OTHER	
<b>REGULAR</b>										
POTMEN	167,402	39,480	22,100	433,209	2,750	116,945	428,054	97,351	3,700	1,310,991
DIVERS	2,500	0	0	0	0	7,500	5,525	0	0	15,525
POTMAN-DIVERS	13,700	0	0	11,275	0	8,800	3,000	0	0	36,775
<b>SUB-TOTAL</b>	<b>183,602</b>	<b>39,480</b>	<b>22,100</b>	<b>444,484</b>	<b>2,750</b>	<b>133,245</b>	<b>436,579</b>	<b>97,351</b>	<b>3,700</b>	<b>1,363,291</b>
<b>CASUAL</b>										
POTMEN	21,802	4,000	3,545	66,495	910	5,038	67,711	4,818	0	174,319
DIVERS	0	0	0	0	0	0	0	0	0	0
POTMAN-DIVERS	0	0	0	0	0	0	0	0	0	0
<b>SUB-TOTAL</b>	<b>21,802</b>	<b>4,000</b>	<b>3,545</b>	<b>66,495</b>	<b>910</b>	<b>5,038</b>	<b>67,711</b>	<b>4,818</b>	<b>0</b>	<b>174,319</b>
<b>OTHER</b>										
POTMEN	150,488	50,433	26,707	271,091	3,865	75,724	364,704	57,292	21,360	1,021,664
DIVERS	36,745	1,830	0	105,100	0	45,625	37,897	17,610	2,700	247,507
POTMAN-DIVERS	10,410	9,530	1,900	20,505	0	11,525	18,118	6,750	4,000	82,738
<b>SUB-TOTAL</b>	<b>197,643</b>	<b>61,793</b>	<b>28,607</b>	<b>396,696</b>	<b>3,865</b>	<b>132,874</b>	<b>420,719</b>	<b>81,652</b>	<b>28,060</b>	<b>1,351,909</b>
<b>TOTAL</b>	<b>403,047</b>	<b>105,273</b>	<b>54,252</b>	<b>907,675</b>	<b>7,525</b>	<b>271,157</b>	<b>925,009</b>	<b>183,821</b>	<b>31,760</b>	<b>2,889,519</b>

\* Based on annual reports filed by fisherman

Division of Marine Fisheries

Table 16. Pounds of lobsters landed by regular fishermen,  
by city or town of landing in 1979.

Barnstable - Sandwich	124,265
Beverly	349,219
Boston	998,740
Bourne	51,623
Chatham	140,558
Chilmark	48,734
Cohasset	369,538
Danvers	23,566
Dartmouth	7,740
Dennis	22,734
Duxbury	27,119
Essex	41,050
Fairhaven	113,768
Falmouth	31,653
Gloucester	578,912
Gosnold - Tisbury - Oak Bluffs	3,854
Harwich	47,487
Hingham	84,070
Hull	183,878
Ipswich	63,073
Kingston	21,304
Lynn	22,918
Manchester	175,200
Marblehead	460,264
Marion - Mattapoisett	29,162
Marshfield	368,516
Nahant	195,237
Nantucket	7,402
New Bedford	138,997
Newbury - Newburyport - Salisbury	50,118
Orleans	52,771
Plymouth	553,044
Provincetown	105,496
Quincy	22,746
Revere	8,580
Rockport	372,495
Salem	76,245
Saugus	423,741
Scituate	283,389
Swampscott	216,920
Truro - Wellfleet	6,970
Wareham	46,186
Westport	70,031
Weymouth	99,090
Winthrop	84,669

Table 17. Massachusetts inshore commercial lobster landings by month and area fished as reported by regular fishermen in 1979.

<u>Month</u>	<u>Percent</u>	<u>Area</u>	<u>Percent</u>
Jan	0.48	1	2.29
Feb	0.05	2	14.70
Mar	0.32	3	14.73
Apr	1.89	4	29.06
May	6.34	5	11.82
Jun	10.18	6	7.87
Jul	18.23	7	1.65
Aug	21.32	8	7.87
Sep	14.80	9	1.31
Oct	14.08	10	5.26
Nov	8.93	11	1.45
Dec	<u>3.40</u>	12	<u>2.00</u>
TOTAL	100.02	TOTAL	100.01