

LL

動態にら

1981 Massachusetts 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. 16

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

Approved by John Manton, State Purchasing Agent Publication No.: 12,989-20-200-10-82-C.R.

Reprinted by Central Reproduction Services (Rescutive Office for Administration and Pineses)

and a second s

٠.

. -

•

,

2. Location and description of coastal lobster flaming areas in Massachusetts.

и Н К Х Х	Areas
NiH.	1 & 2 2 & 3 3 & 4
Mass.	4 & 5 5 & 6 6 & 7 7 & 8
E. La	8 & 9 9 & 10 -1 10 & 11
8	
1 mlan	в
41°	
	-20-
en e	

- 15 As .:

13.

- in BOUNDARIES
- Castle Neck, Ipswich
- Goldsmith Point, Manchester
- Red Rock, Lynn
- Tobias Ledge (Spindle), Scituate
- High Pines Ledge, Plymouth
- Scussett Beach, Sandwich
- Griffin Island, Wellfleet
- Harwich/Chatham Line
- Waquoit Bay, Falmouth Cape Poge, M.V. - Muskeget Island
 - Mass./R.I. Line Gay Head
 - Note: The seaward boundary of Areas 1 through 7 is the 20 Fathom line.

INTRODUCTION

The commercial lobster fishery of Massachusetts is the most economically important fishery conducted within the territorial waters of the Commonwealth. The overal economic importance of the fishery both in New England and, in recent years, the Mid-Atlantic states, has focused the attention of Federal, Regional and State fishery managers on this species. [ahten]iy, 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 passage of the Fisheries Management and Conservation Act, the New England Fisheries Management Council, in cooperation with the Mid-Atlantic Council has developed a management plan for the entire east coast lobster fishery. The plan is in the final stages of implementation. The basis of any such plan and for monitoring the success of the plan is an accurate statistical data base. The Commonwealth of Massachusetts, with joint funding from the National Marine Fisheries Service, has been collecting annual reports from licensed lobster fishermen for many years. Historically, the data collected was used primarily for descriptive and informational purposes, and occasionally for management. However, with the recent emphasis on Federal 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.

Until 1981, the number of coastal commercial lobster licenses issued by the Division was limited, by law, to 1300. There was a provision for the issuence of 130 additional licenses if the applicant could satisfactorily prove to the Massachusetts Marine Fisheries Advisory Commission that they would suffer significant economic hardship if they did not obtain a commercial lobster permit. In 1981, an additional 100 licenses became available for issuence. In 1982, and in subsequent years, an additional 80 licenses per year will be available. Licenses which are not renewed are retired.

This report is the fifteenth annual publication of data summarized from catch reports submitted by licensed tobster fishermen. Data was presented in a standardized format through 1979. For the 1980 report, data presentation was changed to reflect a more thorough collection and evaluation of the data. The new presentation format is continued in this report. It is enticipated that this format will continue until such time as the Division implements computer processing of the data.

This report has been prepared by personnel from the Division of Marine Fisherles Commercial Fisherles Statistics Project, funded jointly by the Commonwealth and the National Marine Fisherles Service under the Commercial Fisherles 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 who provided the data on their annual reports. Special thanks also go to Nancy Leamy and Mary Ann Gachignard for their assistance in preliminary processing of the catch reports when they are received from the fishermen.

-1-

1. 46

SOURCE OF DATA

1136-100

A provide the second se

Project personnel sort, edit, tabulate and interpret data from all reports received. Data presented in this booklet are based on catch reports actually received and are not expanded to 100 percent levels.

EXPLANATION OF TABLES

All data presented in this booklet are broken down into two basic categorias: the first is "inshore" which represents all data pertaining to all tobstar, activity taking place within 69° Nest Longitude and 41° North Latitude; the "offshore" category refers to all data outside of the given coordinates.

Fisher, number and value of boats used in the fishery and total landings statewide, by county and for each city and town were prepared using the catch reports, submitted by all commercial fishermen. In keeping with Division policy, some of the data is masked or combined to protect the confidentiality of the individual submitting the report. Data referring to the number of fishermen, number and value of gear, and number and value of boats are presented by the home with of the licensee filing the report. Pounds of lobsters harvested are presented by the port of landing reported by the fishermen.

to limited data storage capacity of the programmable calculator used to calculate percent of catch by area and month fished and catch per unit of effect, only those reports submitted by holders of commercial coastal licenses could be tabulated.

Figure 1. Fishing affects be delineated in Figure 2.

were calculated on the basis of the fishermen's stimute of its present value and the percentage of its use specifically for justimute. Average values were used when the information was omitted from an individual report.

-2-

Glouce Boeto Plymou 5 New Bedford

COASTAL MAP of MASSACHUSETTS SHOWING STATISTICAL REPORTING AREAS (Counties)

1. Essex	3. Norfolk	5. Bristol	7. Dukes
2. Suffolk	4. Plymouth	6. Barnstable	8. Näntucket
	8 4 .		And the second s

Figure 1 -19-

Table 14. Massachusetts commercial lobster landings inside 69°W and 41°N by month and area as reported by coastal commercial fishermen in 1981.

Month	Percent	Area	Percent
anuary	0.3	1	2.3
ebruary	0.1	2	15.9
arch	0.4	3	15.1
prił	2.3	4	28.0
ay	6.2	5	14.7
une	6.7	6	8.5
uly	19.9	7	1.9
ugust	23.1	8	4.9
eptember	17.7	9	0.4
ctober	13.5	10	3.5
ovember	7.0	11	1.6
ecember	2.8	12	3.2
	100.0		100.0

When fishermen reported the number of lobsters taken, rather than poundage, a conversion factor of 1.2 pounds per lobster was used to calculate poundage figures. This factor is based on historical data.

1981 HIGHLIGHTS

- 1) There were 16,020 lobster licenses of all types issued during 1981: 1,515 coastal commercial; 387 seasonal commercial; 603 offshore and 13,515 noncommercial.
- 2) A total of 5,281 licensed lobstermen (33 percent) failed to file a catch report with the Division. Of the 10,739 fishermen reporting, 2,713 (25 percent) reported that they did not fish for lobster during 1981.
- 3) A total of 11,289,598 pounds of lobsters were reported landed. Of these, recreational fishermen reported taking 395,829 pounds, while the commercial fishermen reported taking 10,893,769 pounds. Based on a value of \$2.09 per pound, the commercial catch was valued at \$23,595,260.
- 4) Commercial fishermen comprised 19 percent of the total number of fishermen reporting and landed 97 percent of the total catch.
- 5) Non-commercial SCUBA divers represented 30 percent of the fishermen reporting, but landed only 0.8 percent of the total boundage.
- 6) In total pounds of lobsters landed Essex County ranked first, Plymouth County second and Barnstable County third.
- In total numbers of commercial fishermen, Essex County ranked first with 637, Plymouth County second with 395 and Barnstable County third with 170.
- 8) In the commercial fishery, pots were valued at \$10,104,835,² diving gear at \$32,981, and power and non-power boats at \$23,612,694, yielding a total gear value of \$33,750,510. Combined with the value of lobsters sold, \$23,595,260, gives a total fishery value of \$57,346,130.
- 9) Of the 10,893,769 pounds of lobsters landed commercially, 9,408,261 were reported taken inside of 69°N and 41°N and of that number, 8,532,735 pounds were estimated to have been taken within the territorial waters of the Commonwealth.
- 10) More lobsters were landed in Boston, 1,008,984 pounds, than in any other Massachusetts port. Gloucester ranked second with 828,250 pounds followed by Plymouth with 811,501 pounds.

IEx-vessel price determined by weighted averages of prices listed in the National Marine Fisheries Service "Blue Sheet".

²Based on an average value of \$32.50 per pot, including warp and buoys.

-3-

-18-

Lin 1

- II) Landings by coastal commercial fishermen rose steadily in the spring, peaked in August and then declined. The least amount of lobsters were landed in January and February.
- 12) According to coastal fishermen, the greatest numbers of lobsters taken inside 69°W and 41°N were from Boston Harbor (Area 4) followed by Cape Ann (Area 2) and the Beverly-Salem-Marbiehead (Area 3).
- 13) The average catch per trap haul for coastal fishermen was 0.571 pounds. For traps fished for one set-over-day the average was 0.488; for those fished two days 0.543; and for three set-over-days 0.664. These numbers are an increase over 1980 when the average catch per trap haul was 0.533. Average 1980 catch per trap haul was 0.402 for one set-over-day, 0.529 pounds for two days and 0.616 pounds for three set-over-days.

-4-

Table 13. Pounds of lobster landed by commercial fishermen by city or town of landing in 1981.

City/Town	inside 69°W 41°N	Outside 69°W 41°N	Total
Barnstable	31,420	261,769	293,189
Beverly	530,592		530,592
Boston-Cambridge	966,350	42,634	1,008,984
Bourne	45,745		45,745
Chatha m	134,621	189	134,810
Chilmark	60,820		60,820
Cohasset	549,446		549,446
Danvers	27,328	2,062	29,390
Dartmouth	2,537		2,537
Dennis	33,361		33,361
Duxbury	28,251		28,251
Eastham	26,500		26,500
Essex	74,918		74 .918
Fairhaven	76,829	10,644	87,473
Falmouth	19,121		19,121
Gloucester	744,048	84,202	828.250
Gosnold	1,212	•	1,212
Harwich-Brewster	99, 392	195,784	295,176
Hingham	170,816		170,816
Hull	189,522		189,522
Ipswich	75,719		75,719
Kingston	29,612		29,612
Lynn	35,617		35,617
Manchester	229,845		229,845
Marblehead	624,436		624,430
Marshfield	613,015		613,015
Mattapoisett	24,803		24,80
Nahant	251,221		251 .221
Nantucket	22,761	13,018	35,779
New Bedford	88,003	1,980	89,98
Newbury-Newburyport	47,627		47,62
Oak Bluffs-Tisbury	10,874		10,874
Orleans	49,476		49,476
Plymouth	811,501	·	811,50
Provincetown	112,210	2,500	114,710
Quincy	29,140	2,500	29,140
Revere-Medford	14,730		14,730
Rockport	466,124		466 124
Salem	66,808		66,808
Salisbury	4,609		4,609
Sandwich	196,629	181,405	378,03
Saugus	509,844	101,405	509,844
Scituate	438,476	394	438,870
Swampscott	330,430	224	330,430
Wareham	24,139		24,139
Weilfleet-Truro	7.996		7,996
Westport-Somerset	132,114	493,875	625,989
Weymouth	135,206	433,013	135,200
Winthrop	149,770		49,770
Out-of-State	14,348	195,051	209.399
001-01-31010	14,040	וגט, נפו	4ú2 - 782

. .

-17_

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

DIVING GEAR VALUE NON-POWER BCAT VALUE POUNDS OF GEAR TYPE POTS POWER ... LICENSE TYPE BOAT BOAT VALUE AND NUMBER FISHED Taken Inside 69°W 41°N COASTAL Diver 14,348 Potman 380 3 22,500 Both -16-SEASONAL Potman OFFSHORE Trawl Potman ٠. TOTAL 14,809 24,525 422 Taken Outside 69°W 41°N Trawl OFFSHORE 44,064 40,500 Potman 150,987 COASTAL Potman TOTAL 195,051 40.500 7 65,025 209,860 GRAND TOTAL 422 *Data masked to protect confidentiality : Offshore Coastal Commercial Non-Commercial Seasonal Commercial Туре Reporting Status of 1981 Lobster Licensees Not Reporting 4,821 (36%) 63 (4\$) 200 (33%) 197 (51\$) Licenses issued Reporting Status Table | Reported "Not Fishing" ş 2,213 (16\$) 281 (475) 197 (13%) 22 (6\$)

OUT OF STATE

-

4] 4

Reported "Fishing"

1,255 (83\$)

6,481 (48\$)

122 (20\$) 168 (43\$)

	Non-Commercial (\$15)	Offshore (\$100)	Seasonal Commercial (\$25)	Coastal Commercial (\$100)
Total				Ţ
16,020	13,515	603	387	1,515

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS-COMMENCIAL

STATEWIDE TOTALS

LICENSE TYPE	GEAR AND N		DIVING GEAR VALUE	POTS F1SHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	EOAT VALUE	POUNDS OF
			. 1	aken Inside	69°₩ 41°N	1			
COASTAL	Diver	5	7,504		4	18,060	1	50	9,665
•	Potman	1,223		285,186	1,222	19,109,669	85	26,559	8,951,204
·	Both	25_	25,477	5,074	26	311,190	6	1,270	177,001
SEASONAL	Potman	168		> 3,210	157	317,872	7	1.910	48.349
OFFSHORE	Trawl	68			68	818,858		ļ	116.321
	Potman	24		5,898	24	393.731			105.141
TOTA		1,515	32,981	299,368	1.503	21.054.380	99	29.789	9.408.261
				Taken Outsid	e 69°W 41'	'n			
OFFSHORE	Trawl	20			20	726.650			134,716
	Potman	10		11.550	10	1,801,875			995,815
COASTAL	Potman			L					354,977
TOTAL		30		11,550		2,528,525		<u> </u>	1,485,508
GRAND TOTAL		1,545	32,981	310,918	1,533	23,582,905	. 99-	29,789	10,893,769

lincludes some masked data to protect confidentiality

4

TABLE II

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL SUFFOLK COUNTY

.

,

E TYPE			DIVING GEAR VALUE	POTS F1SHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	BOAT VALUE	POUNOS OF
				Taken Inside	69°W 41°N				
L	Diver		-						
	* Potman	101	1,000	34,339	98	1,711,752	5	1,495	1,119,842
	Both								
AL	Potman	12	·	<u>~ 240</u>	11	15,930	1	150.	4,544
RE	Trawl								
	* Potman	4		255	4	105, 375			6,746
۹L		117	1.000	34,834	113	1,833,057	6	1,645	1,131,032
			, ·	Taken Outside	6 69°W 41°	N			
RE	Trawl								
	Potman								
- نا	Poten	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	•••••••					•	
AL	*	3		5,800	3	681,075			42,634
ND TOTAL	·	9	1.000	40.634	116	2,514,132	6	1,645	1,173,666
	AL RE AL RE	E TYPE AND N L Diver * Potman Both AL Potman RE Traw! * Potman AL RE Traw! * Potman AL Potman L Potman AL Potman	L <u>Diver</u> * Patman 101 Both AL Potman 12 RE <u>Trawi</u> * Potman 4 AL <u>117</u> RE <u>Trawi</u> Potman L <u>Potman</u> AL <u>3</u>	GEAR TYPE GEAR AND NUMBER GEAR VALUE L Diver * Patman 101 AL Potman RE Trawi * Potman 4 AL 117 RE Trawi * Potman 4 AL 117 RE Trawi * Potman 4	GEAR TYPE GEAR POTS AND NUMBER VALUE FISHED Taken Inside Taken Inside * Potman 101 1,000 34,339 Both Both AL Potman 12 240 RE Trawl * * 240 RE Trawl * 255 AL 117 1,000 34,834 RE Trawl * Taken Outside RE Trawl * 5,800	GEAR TYPE GEAR POTS POWER AND NUMBER VALUE FISHED BOAT Taken Inside 69°W 41°N L Diver - Taken Inside 69°W 41°N L Diver -	GEAR TYPE AND NUMBER GEAR VALUE POTS FISHED POWER BOAT BOAT BOAT VALUE Taken Inside 69°W 41°N Taken Inside 69°W 41°N L Diver	GEAR TYPE GEAR POTS POWER BOAT POWER BOAT E TYPE AND NUMBER VALUE FISHED BOAT BOAT </td <td>GEAR TYPE GEAR POTS POWER DOWER POWER BOAT VALUE L </td>	GEAR TYPE GEAR POTS POWER DOWER POWER BOAT VALUE L

*Data masked to protect confidentiality

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

LICENSE TYPE	GEAR		DIVING GEAR VALUE	POTS FISHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	BOAT VALUE	POUNDS O
			1	Taken inside	69°₩ 41°N				
COASTAL	Diver				L				
•	Potman	304		69,370	310	4,310,165	25	5,907	2,208,862
	• Both	8	13,625	1,925	9	201,750	<u> </u>	50	85,882
SEASONAL	.Potman	61		N. L. 193	57	124,268	2	1,300	18,44
OFFSHORE	Trawl	12			12	75,132		· · · ·	23,426
	Potman	9		715	9	44,271			11,96
TOTAL		394	13.625	73,203	397	4,755,586	28	7,257	2,348,57
				ïaken Outsid	e 69°W 41°	N			
OFFSHORE	Traw!				ļ	ļ			
	Potman								
COASTAL	Potman							·	
TOTAL					L				
GRAND TOTAL	.*	395	13.625	73,253	398	4,757,461	28	7,257	2,348,971

PLYMOUTH COUNTY

TABLE 3

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

BARNSTABLE COUNTY

	LICENSE TYPE	GEAR AND N	TYPE	DIVING GEAR VALUE	POTS FISHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	BOAT VALUE	POUNDS OF
				. 1	aken Inside	69°W 41°N	I .			
	COASTAL	Diver	3	3,304	- 0	2	4,110		0	7,900
•	•	Potman	120	0	25,121	114	1,546,096	8	6,240	630,967
		Both	7	7,789	772	7	39,190	4	790	24,532
-7-	SEASONAL	Potman	12		197	10.	29,630		50	2,633
1	OFFSHORE	Trawi	21_			21	202,978		<u>`</u> .	16,128
		Potman	4		4,176	4	193,400			76,364
	TOTAL*		169	11,093	30,266	160	2,100,404	13	7,080	759,104
				I	laken Outside	e 69°W 41°	'n			
	OFFSHORE	Trawl			<u> </u>	<u> </u>	L		ļ	2,500
		Potman				<u> </u>				438,042
	COASTAL	Potman							· ·	201,106
	TOTAL									641,648
	GRAND TOTAL* .		170		31,366	161	2,300,404	13	7,080	1,400,752

*Data: masked to protect confidentiality

414

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATTSTICS--COMMERCIAL BRISTOL COUNTY

LICENSE TYPE	GEAR AND N		DIVING GEAR VALUE	POTS FISHED	POWER BOAT	- BOAT VALUE	NÓN- PCWER BOAT	BCAT VALUE	
			т	aken Inside	69°₩ 41°N	ŧ			 -
COASTAL	Diver	0		L					
	Potman	71		15,832	73	1,940,558	2	60	291,948
	Both	0							
SEASONAL	Potman	9	l	199	9	9,31.7		L	1,549
OFFSHORE	* Trawl	3		350	3	32,000		<u> </u>	7,535
	Potman				<u> </u>			ļ	
TOTAL		83	۰,	16,381	85	1,981,875	2	60	301,032
OFFSHORE	Trawl		т	aken Outsid	e 69°W 41'	°N			
	* Potman	7		4,400	7	1,379,000		ļ	365.454
COASTAL	Potman			ļ		ļ		· · · · ·	141.045
TOTAL	<u> </u>	7		4,400	7	1.379.000	L		506.499
GRAND TOTAL		90		20,781	92	3,360,875	2	60	807.531

*Data masked to protect confidentiality

÷

TABLE 9

• ,

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

				NORFOLK	COUNTY				
LICENSE TYPE	GEAR T		DIVING GEAR VALUE	POTS FISHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	BOAT VALUE	POUNDS C
				laken Inside	69°W 41°N	l.			
COASTAL	Diver								
	Potman	75		16,560	75	1,468,970	7	2,975	701,230
	Both	3	1.365	315	3	20,350		380	11,440
SEASONAL	Potman	5		66	5	5,050	-	10	485
OFFSHORE	Trawi				ļ				
	Potman								
TOTAL	*	85	3,665	16,941	85	1,508,883	9	3,365	714,278
			•	Taken Outside	€ 69°₩ 41°	N			, 1
OFFSHORE	Trawl	·		+	<u> </u>				
	Potman			<u> </u>	<u> </u>			[
COASTAL	Potman								
TOTAL					ļ				ļ
GRAND TOTAL		85	3,665	16,941	85	1,508,883	9	3,365	714,278

*Data masked to protect confidentiality

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

NANTUCKET COUNTY

Diver Inside 69°W 41°N OASTAL Diver	18,653
• Potmen 5 16 728 5 41,200 Both	18,653
• Potmen 5 16 728 5 41,200 Both	18,653
SEASONAL * Potman OFFSHORE Trawl Potman 3	
OFFSHORE <u>Trawl</u> <u>Potman 3</u> 40 3 4,725	
OFFSHORE Trawl 40 3 4,725	
	. 158
TOTAL 8 16 768 8 45,925	1,286
	23,097
Taken Outside 69°W 41°N OFFSHORE Trawl	
Potman .	
COASTAL Potman	12,826
TOTAL	13,018
GRAND TOTAL * 9 16 768 9 48,925	

TABLE 5

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

DUKES COUNTY DIVING GEAR NON-POWER POUNDS OF GEAR TYPE POTS POWER BOAT LICENSE TYPE ۰. AND NUMBER VALUE FISHED BOAT BOAT VALUE BOAT VALUE Taken Inside 69°W 41°N . COASTAL Diver Potman 24 3,185 26 308,825 72,571 Both SEASONAL 12,400 Potman 65 569 ÷ 3 3 OFFSHORE Trawl Potman ٠. TOTAL 73,475 28 323,225 3,292 30 Taken Outside 69°W 41°N OFFSHORE Trawl Potman COASTAL Potman TOTAL , GRAND TOTAL . 28 3,292 30 323,225 73,475

*Data masked to protect confidentiality

1

÷

1981 MASSAGUUSETTS, LOBSTER FISHERY SUMMARY 97AT 1971CS--COMMERBIAL:

ESSEX COUNTY

LICENSE TYPE	GEAR AND N		DIVING GEAR VALUE	POTS FISHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	BOAT VALUE	POUNDS OF
				Taken Inside	69°W 41°N	l.			*
COASTAL	Diver	0							
•	Potman	519		120,341	517	7,771,878	38	9,882	3,920,544
	Beth	6	3,582	1,162	6	35,650	1	100	20,767
SEASONAL	Potmag	62		1,188	59	117,527	2	400	19,329
OFFSHORE	Trawl	30			30	A44.650		a strange in	73,930
	Potman	6		340	6	104,260			3,925
TOTAL		623	3,582	123,031	61.8	8,473,975	. 41	10,382	4,038,495
				Taken Outsid	8 69°W 41"	'n			
OFFSHORE	* Trawl	14	<u> </u>	200	14	223,075		<u> </u>	86,264
	Potman				ļ	L		<u> </u>	ļ
COASTAL	Potman						L		
TOTAL		14		200	14	223,075	2000 - 2000 2000 - 2000		86 _ 264
GRAND TOTAL		637	3,582	123,231	.632	8,697,050	. 41	10,382	4,124,759

TABLE 7

٠.

1981 MASSACHUSETTS LOBSTER FISHERY SUMMARY STATISTICS--COMMERCIAL

			× ·	MIDDLESE	X COUNTY				
LICENSE TYPE	GEAR AND N		DIVING GEAR VALUE	POTS FISHED	POWER BOAT	BOAT VALUE	NON- POWER BOAT	BOAT VALUE	POUNDS OF
		· 1	Т	aken Inside	69°W 41°N				
COASTAL	Diver		<u> </u>						
•	Potman	3		. 230	. 3	6,925	- 1		4,362
	Both .					•			
SEASONAL	Potman			~					
OFFSHORE	Trawl			,					
	Potman					· ·			
TOTAL		3	••	230	3	6,925			4,362
			-	sken Outsid					
OFFSHORE	Trawl	1	11	aken Uutsidi 	109°₩41°N	t		ı	۰. ۱
UFFSHURE									
	Potman				3	<u></u>			
COASTAL	Potman			Andrea (Marine and Andrea) Andrea	-				-
TOTAL									
GRAND TOTAL		3		230		6,925			4.362