

RENT FISHERIES STATISTICS NO. 6543

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1974

S. Commercial

Fishery Vessels

by Gear Type, 1969



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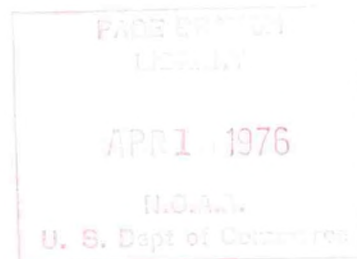
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U. S. Commercial Fishery Vessels by Gear Type, 1969

Bruno G. Noetzel
William M. Gaynor

Economic Research Division
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UNITED STATES
DEPARTMENT OF COMMERCE
Frederick B. Dent, Secretary

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
Robert M. White, Administrator

National Marine
Fisheries Service
Robert W. Schoning, Director



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U.S. Commercial Fishery Vessels by Gear Type, 1969

Introduction

Many vessels in U.S. commercial fisheries are equipped with more than one type of gear. This diversification enables vessel operators to participate in different fisheries, for example, for salmon, albacore tuna, and dungeness crab on the West Coast, or oyster, clam, and blue crab in Chesapeake Bay. Quite often in our investigations, we need information on the extent of multifishery involvement of fishing vessels. This information is not readily available from NMFS publications on fishery statistics. The purpose of this report is to provide that information.

Data on commercial vessel^{1/} operating units for 1969 from the NMFS Statistics and Market News Division were processed to give the number of vessels with one, two, and three types of gear. Vessels were analyzed on a regional basis, with the exception of the Pacific Coast, which was analyzed by States. The results for each geographical area are presented in the following manner:

- (1) A table in matrix form presents without duplication the number of vessels by gear type, with single-gear vessels shown in the principal diagonal, and two- and three-gear vessels to the right and left of the principal diagonal, respectively. For example, in table 1, under gear code 215 (otter trawl for shrimp) there are all together 34 vessels using this gear as their principal fishing device. Out of this total number, 30 vessels are equipped with gear #215 only (intersection of 4th row and 4th column in table 1), 2 vessels are equipped, in addition to gear #215, with gear #350 (intersection of 4th row and 5th column), and 2 vessels are equipped with three types of gear (intersection of 4th row and 2d column). The second type of gear for both of the last two vessels is gear #210, and the third type is gear #110 for one vessel and gear #212 for the other (as indicated by footnote 3 in table 1). Gear code numbers are explained in footnote 2, in table 1.
- (2) A summary table gives the total number of vessels participating in a fishery by species and gear type. The summary is based on data from preceding table. The higher total number of vessels in this summary, as compared to the total number in the first table, reflects the extent of duplication (the same vessels used in more than one fishery).

Geographical areas (regions and States), gear types, and code numbers correspond to those used in the NMFS statistical system. Of all the vessels accounted for, 70.4 percent were equipped with single gear, 23.1

^{1/} Fishing craft of 5 net tons and over.

percent - double gear, and 6.5 percent - with triple gear. Data in this report are presented in the following order:

- Region 1 - New England
- Region 2 - Middle Atlantic
- Region 3 - Chesapeake
- Region 4 - South Atlantic
- Region 5 - Gulf of Mexico
- Region 6 - (Pacific Coast)
 - a. California
 - b. Oregon and Washington
 - c. Alaska

It should be noted that the total number of vessels in U.S. fisheries cannot be arrived at by adding the figures from tables presented in this report, for two reasons. First, vessels equipped with more than three types of gear are not accounted for. Second, many vessels migrate from one State to another (e.g., salmon or dungeness crab vessels on the Pacific Coast), or even between regions (e.g., menhaden purse seiners on the Atlantic Coast and in the Gulf of Mexico). These vessels then are counted more than once, because they are accounted for in whatever fishery (by gear or by area) they are operated.

Table 1.--Commercial fishing vessels in New England States,¹
by gear type, 1969

Gear code ²	110	210	212	215	350	675	751	803	815	825	Total
	Number										
110	2	5		4							11
210		307	41	87	3		5	7		17	467
212			19								19
215		³ 2		30	2						34
350		⁴ 3			46						49
675		⁵ 2				7					9
751		⁶ 2					2				4
803								23	2	2	27
815									7		7
825		⁷ 3								35	38

☐ one gear
 ☐ two gear
 ☐ three gear
 ⁸665

¹ States: Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut.

² The code numbers in the first row and first column refer to the following type of fishing gear:

Code number:	Name of gear:	Principal species caught:
110	purse seine	herring
210	otter trawl	groundfish
212	otter trawl	lobster (American)
215	otter trawl	shrimp
350	pots	lobster (American)
675	lines - long	
	or set	groundfish, tuna,
	with	
	hooks	swordfish
751	harpoon	swordfish
803	dredge	clam
815	dredge - common	oyster
825	dredge	scallop

³ Included are 1 vessel with additional gear #110 and 1 vessel with additional gear #212.

⁴ Vessels with additional gear #215.

⁵ Included are 1 vessel with additional gear #212 and 1 vessel with additional gear #215.

⁶ Included are 1 vessel with additional gear #110 and 1 vessel with additional gear #803.

⁷ Vessels with additional gear #212.

⁸ The number of vessels analyzed represents 96 percent of the total number of vessels in the region (exclusive of duplication).

Table 2.--New England¹ fisheries, by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - -Number- - - - -			
Herring - purse seine	2	9	2	13
Swordfish - harpoon	2	5	2	9
Groundfish ²	307	165	12	484
Lobster (American) - otter trawl	19	41	5	65
pots	46	5	3	54
Shrimp - otter trawl	30	93	6	129
Clam - dredge	23	11	1	35
Oyster - dredge (common)	7	2	-	9
Scallop - dredge	35	19	3	57
Total	478	350	36	864

¹ States: Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut.

² Cod, cusk, flounders, haddock, hake, ocean perch, pollock, whiting, and others.

Table 3.--Commercial fishing vessels in Middle Atlantic States,¹
by gear type, 1969

Gear code ²	125	210	212	350	470	475	675	803	815	825	Total
	----- Number -----										
125	14	6									20
210		156	48	4		3		5		10	226
212			13								13
350				14	2	1	3				20
470					8	1	2				11
475					3 2	1					3
675							8				8
803								114	6		120
815									23		23
825										35	38
		43									

☐ one gear
 ☐ two gear
 ☐ three gear
 ⁵ 482

¹ States: New York, New Jersey, and Delaware.

² The code numbers in the first row and first column refer to the following type of fishing gear:

Code number:	Name of gear:	Principal species caught:
125	purse seine	menhaden
210	otter trawl	groundfish
212	otter trawl	lobster (American)
350	pots	lobster (American)
470	gill net - drift	bluefish, mackerel,
		menhaden
475	gill net - run-around	bluefish, striped bass,
		sea trout
675	lines - long or set with hooks	cod, swordfish
803	dredge	clam
815	dredge - common	oyster
825	dredge	scallop

³ Included are 1 vessel with additional gear #210 and 1 vessel with additional gear #350.

⁴ Vessels with additional gear #212.

⁵ The number of vessels analyzed represents 97 percent of the total number of vessels in the region (exclusive of duplication).

Table 4.--Middle Atlantic States¹ fisheries, by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - - Number - - - - -			
Menhaden - purse seine	14	6	-	20
Finfish ² - gill net, drift	8	5	2	15
gill net, runaround	1	5	2	8
Groundfish ³ - otter trawl	156	76	4	236
lines	8	5	-	13
Lobster (American) - otter trawl	13	48	3	64
pots	14	10	1	25
Clam - dredge	114	11	-	125
Oyster - dredge (common)	23	6	-	29
Scallop - dredge	35	10	3	48
Total	386	182	15	583

¹ States: New York, New Jersey, and Delaware.

² Bluefish, mackerel, sea trout, shad, striped bass, and others.

³ Cod, cusk, flounders, haddock, hake, pollock, scup, whiting, and others.

Table 5.--Commercial fishing vessels in Chesapeake States,¹
by gear type, 1969

Gear code ²	020	125	210	275	330	425	470	680	803	805	815	825	840	845	Total
	6	27	56	34	2	1	1						8		16
020															27
125															87
210															50
275															342
330															62
425															38
470															96
680															134
803															126
805															144
815															5
825															348
840															37
845															

one gear

two gear

three gear

23 1,512

¹ States: Maryland and Virginia.

² The code numbers in the first row and first column refer to the following type of fishing gear:

Code number: Name of gear:

020 haul seine, common
125 purse seine
210 otter trawl
275 pound net
330 pots
425 gill net - anchor
470 gill net - drift

Principal species caught:

bass, perch, other finfish
menhaden
groundfish
alewives, menhaden
blue crab
bass, shad, perch
bass, shad, perch

Table 5.--Commercial fishing vessels in Chesapeake States¹,
by gear type, 1969 (continued)

Code number:	Name of gear:	Principal species caught:
680	haul seine, common	blue crab
803	dredge	clam
805	dredge	blue crab
815	dredge, common	oyster
825	dredge	scallop
840	tong	oyster
845	tong	clam
3	Included are 4 vessels with additional gear #275 and 1 vessel with additional gear #330.	¹⁷ Included are 2 vessels with additional gear #020, 3 vessels with additional gear #275, 9 vessels with additional gear #330, 9 vessels with additional gear #470, 9 vessels with additional gear #680, and 1 vessel with additional gear #815.
4	All vessels with additional gear #330.	
5	Included are 1 vessel with additional gear #210 and 5 vessels with additional gear #330.	
6	Included are 4 vessels with additional gear #275 and 15 vessels with additional gear #330.	
7	Vessel with additional gear #330.	
8	Included are 1 vessel with additional gear #020, 1 vessel with additional gear #275, 4 vessels with additional gear #330, and 7 vessels with additional gear #470.	¹⁸ Included are 2 vessels with additional gear #680 and 1 vessel with additional gear #805.
9	Included are 1 vessel with additional gear #275 and 3 vessels with additional gear #425.	¹⁹ Included are 3 vessels with additional gear #020, 2 vessels with additional gear #330, 1 vessel with additional gear #680, and 8 vessels with additional gear #805.
10	Included are 1 vessel with additional gear #425 and 2 vessels with additional gear #803.	
11	Vessel with additional gear #680.	
12	Vessels with additional gear #805.	
13	Included are 1 vessel with additional gear #275 and 1 vessel with additional gear #805.	²⁰ Included are 1 vessel with additional gear #425, 2 vessels with additional gear #680, 1 vessel with additional gear #815, and 7 vessels with additional gear #840.
14	Vessel with additional gear #803.	
15	Included are 4 vessels with additional gear #330 and 1 vessel with additional gear #805.	²¹ Vessel with additional gear #805.
16	Included are 1 vessel with additional gear #470, 13 vessels with additional gear #680, and 3 vessels with additional gear #805.	²² Vessel with additional gear #840.
		²³ The number of vessels analyzed represents 99 percent of the total number of vessels in the region (exclusive of duplication).

Table 6.--Chesapeake States¹ fisheries, by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - -Number- - - - -			
Menhaden - purse seine	27	-	-	27
pound net	34	16	19	69
Finfish ² - haul seine	6	10	20	36
gill net, anchor	20	47	84	151
gill net, drift	6	20	45	71
Groundfish ³ - otter trawl	56	31	8	95
Blue crab - pots	155	189	85	429
trot lines	25	68	42	135
dredge	108	40	20	168
Clam - dredge	98	40	8	146
tong	24	32	13	69
Oyster - dredge (common)	110	47	22	179
tong	264	284	81	629
Scallop - dredge	5	26	-	31
Total	938	850	447	2,235

¹ States: Maryland and Virginia.

² Alewives, shad, striped bass, white perch, and others.

³ Butterfish, flounders, scup, sea bass, and others.

Table 7.--Commercial fishing vessels in South Atlantic States¹,
by gear type, 1969

Gear code ²	125	205	210	215	330	345	355	425	475	610	660	803	815	Sum
	<u>Number</u>													
125	44													44
205		5	2	84										91
210			21	48										69
215		3	712	4	25	2	1			5			2	786
330				3										3
345				17	102					1	1			19
355								7		5	1			115
425					3				6	3	1			3
475										23	2			10
610											8			25
660												2		8
803													2	2
815													4	5
														51,180

¹ States: North Carolina, South Carolina, Georgia, and Florida (East Coast).

² The code numbers in the first row and first column refer to the following type of fishing gear:

Code number:

125
205
210
215
330

Name of gear:

purse seine
otter trawl
otter trawl
otter trawl
pots

Principal species caught:

menhaden
blue crab
groundfish
shrimp
blue crab

Table 7.--Commercial fishing vessels in South Atlantic States¹,
by gear type, 1969 (continued)

Code number:	Name of gear:	Principal species caught:
345	pots	bass, catfish, other finfish
355	pots	spiny lobster
425	gill net - anchor	finfish
475	gill net - runaround	finfish
610	lines - hand	grouper, snapper, other finfish
660	lines - troll	king mackerel
803	dredge	clam
815	dredge - common	oyster
³ Included are 22 vessels with additional gear #210, 1 vessel with additional gear #330, and 12 vessels with additional gear #815.		
⁴ Vessel with additional gear #425.		
⁵ The number of vessels analyzed represents 99 percent of the total number of vessels in the region (exclusive of duplication).		

Table 8.--South Atlantic States¹ fisheries, by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	Number			
Menhaden - purse seine	44	-	-	44
Mackerel (king) troll lines	8	5	-	13
Finfish ² - pots	17	27	-	44
gill net, anchor	3	1	1	5
gill net, runaround	6	11	-	17
hand lines	23	16	-	39
Groundfish ³ - otter trawl	21	50	22	93
Blue crab - otter trawl	5	86	35	126
pots	3	4	1	8
Lobster (spiny) - pots	102	15	-	117
Shrimp - otter trawl	712	171	36	919
Clam - dredge	2	-	-	2
Oyster - dredge (common)	4	2	13	19
Total	950	388	108	1,446

¹ States: North Carolina, South Carolina, Georgia, and Florida (East Coast).

² Catfish and bullheads, mackerel, mullet, sea bass, shad, striped bass, and others.

³ Croaker, flounders, scup, sea bass, sea trout, and others.

Table 9.--Commercial fishing vessels in Gulf of Mexico States¹,
by gear type, 1969

Gear code ²	020	110	125	189	210	215	333	355	475	530	610	660	815	840	Sum
	Number--														
020	5					1			7						13
110		3													3
125			72												72
189				3		13							1		17
210					11	42							1		55
215		3				3,275							179	6	3,506
333		1					2	4	2	1	37				9
355							45	3	1	2	1				75
475								49	5	2	12	4			33
530						52			27	3	1				9
610									63	6	247	8			261
660								85	76			2			7
815													247		247
840														0	0
															94,307

¹ States: Florida (West Coast), Alabama, Mississippi, Louisiana, and Texas.

² The code numbers in the first row and first column refer to the following type of fishing gear:

Code number: Name of gear: Principal species caught:

020	haul seine - common	finfish
110	purse seine	thread herring
125	purse seine	menhaden
189	butterfly net	shrimp
210	otter trawl	groundfish
215	otter trawl	shrimp

Table 9.--Commercial fishing vessels in Gulf of Mexico States¹,
by gear type, 1969 (continued)

Code number:	Name of gear:	Principal species caught:
333	pots	stone crab
355	pots	spiny lobster
475	gill net - runaround	finfish
530	trammel net	finfish
610	lines - hand	grouper, snapper, and other finfish
66C	lines - troll	king mackerel, sea trout
815	dredge - common	oyster
840	tong	oyster
3	Vessel with additional gear #125.	
4	Included are 1 vessel with additional gear #215, 3 vessels with additional gear #475, and 1 vessel with additional gear #610.	
5	Included are 1 vessel with additional gear #020 and 1 vessel with additional gear #355.	
6	Included are 2 vessels with additional gear #020 and 1 vessel with additional gear #215.	
7	Included are 1 vessel with additional gear #215, 4 vessels with additional gear #355, and 1 vessel with additional gear #530.	
8	Included are 1 vessel with additional gear #475 and 4 vessels with additional gear #610.	
9	The number of vessels analyzed represents 99 percent of the total number of vessels in the region (exclusive of duplication).	

Table 10.--Gulf of Mexico States¹ fisheries, by species and gear type, and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - - <u>Number</u> - - - - -			
Menhaden - purse seine	72	-	1	73
Herring (thread) - purse seine	3	-	1	4
Mackerel (king) - troll lines	2	12	5	19
Finfish ² - haul seine	5	8	3	16
gill net, runaround	27	19	15	61
trammel net	6	8	4	18
hand lines	247	59	11	317
Groundfish ³ - otter trawl	11	44	-	55
Crab (stone) pots	2	7	5	14
Lobster (spiny) - pots	49	28	15	92
Shrimp - otter trawl	3,275	286	6	3,567
butterfly net	3	14	-	17
Oyster - dredge (common)	247	181	-	428
tong	-	6	-	6
Total	3,949	672	66	4,687

¹ States: Florida (West Coast), Alabama, Mississippi, Louisiana, and Texas.

² Groupers, mackerel, mullet, pompano, sea trout, snappers, and others.

³ Unclassified--for bait, reduction, and animal food.

Table 11.--Commercial fishing vessels in California,
by gear type, 1969

Gear code ¹	103	120	140	175	210	215	331	355	460	601	605	607	610	650	655	675	751	941	Sum
	3	6	2	16	4	1													
103																			10
120																			24
140																			95
175																			12
210																			60
215																			2
331																			55
355																			45
460																			15
601																			75
605																			52
607																			12
610																			18
650																			796
655																			569
675																			20
751																			17
941																			18

one gear two gear three gear

one gear two gear three gear

one gear two gear three gear

one gear two gear three gear

one gear two gear three gear

one gear two gear three gear

¹ The code numbers in the first row and first column refer to the following type of fishing gear:

Principal species caught:

anchovy
mackerel
tuna (yellowfin, skipjack)
mackerel, anchovy
groundfish
shrimp
dungeness crab
spiny lobster
sea bass
tuna (albacore)
rockfish, flounders
tuna (yellowfin, skipjack)

Name of gear:

purse seine
purse seine
purse seine
lampara net
otter trawl
otter trawl
pots
pots
gill net - drift
lines - hand
lines - hand
lines - hand

Code number:

103
120
140
175
210
215
331
355
460
601
605
607

Table 11.--Commercial fishing vessels in California,
by gear type, 1969 (continued)

Code number:	Name of gear:	Principal species caught:
610	lines - hand (other)	bonito, sea bass
650	lines - troll	salmon
655	lines - troll	albacore tuna
675	lines - long or set with hooks	California halibut and other groundfish
751	harpoon	swordfish
941	diving outfit	abalone
2	Vessels with additional gear #120.	18 Included are 2 vessels with additional gear #210, 1 vessel with additional gear #215, 2 vessels with additional gear #355, 1 vessel with additional gear #460, 4 vessels with additional gear #601, and 1 vessel with additional gear #607.
3	Vessels with additional gear #215.	19 Vessels with additional gear #675.
4	Vessel with additional gear #601.	20 Vessel with additional gear #610.
5	Vessel with additional gear #210.	21 Included are 1 vessel with additional gear #355, 2 vessels with additional gear #605, and 2 vessels with additional gear #675.
6	Included are 1 vessel with additional gear #331, 2 vessels with additional gear #355, and 8 vessels with additional gear #601.	22 Included are 1 vessel with additional gear #610 and 1 vessel with additional gear #650.
7	Vessels with additional gear #215.	23 Included are 3 vessels with additional gear #355, 1 vessel with additional gear #605, 2 vessels with additional gear #675, and 3 vessels with additional gear #751.
8	Included are 1 vessel with additional gear #601, 3 vessels with additional gear #605, and 1 vessel with additional gear #610.	24 The number of vessels analyzed represents 99 percent of the total number of vessels in the State (exclusive of duplication).
9	Vessel with additional gear #605.	
10	Included are 1 vessel with additional gear #605 and 3 vessels with additional gear #650.	
11	Included are 1 vessel with additional gear #601 and 304 vessels with additional gear #650.	
12	Included are 3 vessels with additional gear #460, 2 vessels with additional gear #601, 12 vessels with additional gear #605, and 1 vessel with additional gear #650.	
13	Included are 1 vessel with additional gear #607 and 2 vessels with additional gear #610.	
14	Included are 7 vessels with additional gear #601 and 17 vessels with additional gear #610.	
15	Included are 1 vessel with additional gear #460, 5 vessels with additional gear #601, 2 vessels with additional gear #605, 12 vessels with additional gear #675, 1 vessel with additional gear #751, and 1 vessel with additional gear #941.	
16	Vessel with additional gear #103.	
17	Vessel with additional gear #610.	

Table 12.--California fisheries, by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - -Number- - - - -			
Anchovy - purse seine	3	7	1	11
lampara net	1	4	11	16
Mackerel - purse seine	2	28	13	43
Tuna (albacore) - hand lines				
(bait boats)	10	67	33	110
troll lines	173	804	401	1,378
Tuna (yellowfin, skipjack) -				
purse seine	95	16	12	123
hand lines (bait				
boats)	12	41	2	55
Salmon - troll lines	126	695	339	1,160
Sea bass - gill net (drift)	3	14	6	23
hand lines (other)	1	5	35	41
Swordfish - harpoon	5	14	13	32
Groundfish ¹ - otter trawl	28	32	17	77
hand lines	4	50	62	116
long lines	6	19	32	57
Dungeness crab - pots	4	44	320	368
Lobster (spiny) - pots	2	43	29	74
Shrimp - otter trawl	-	27	12	39
Abalone - diving outfit	7	16	12	35
Total	482	1,926	1,350	3,758

¹ Flounders, lingcod, rockfishes, sablefish, and others.

Table 13.--Commercial fishing vessels in Oregon and Washington,
by gear type, 1969

Gear code ¹	020	110	130	210	215	331	455	601	650	655	660	675	803	815	Sum
	Number--														
020	10						5			1					16
110		1													1
130			257	41					1	4					313
210	21			53	8		2	1	1	7		2			75
215					11	7			4	3		1			26
331				3	40		15		36	30					126
455							284		17		1				303
601			41					41	1	1					43
650				55		65	74		516	492	1	2	1	1	1,026
655					89	985			108	189		19			310
660											1				1
675												35			36
803													3		3
815														27	27
															122,306

¹ The code numbers in the first row and first column refer to the following type of fishing gear:

Principal species caught:

herring, perch, smelt
herring
salmon
groundfish
shrimp
crab (dungeness)

Name of gear:

haul seine - common
purse seine
purse seine
otter trawl
otter trawl
pots

Code number:

020
110
130
210
215
331

Table 13.--Commercial fishing vessels in Oregon and Washington,
by gear type, 1969 (continued)

Code number:	Name of gear:	Principal species caught:
455	gill net - drift	salmon
601	lines - hand	tuna (albacore)
650	lines - troll	salmon
655	lines - troll	tuna (albacore)
660	lines - troll	lingcod
675	lines - long or set with hooks	halibut, sablefish
803	dredge	clam
815	dredge - common	oyster
2	Vessel with additional gear #130.	
3	Vessels with additional gear #215.	
4	Vessel with additional gear #210.	
5	Vessels with additional gear #215.	
6	Included are 2 vessels with additional gear #210, 1 vessel with additional gear #215, and 2 vessels with additional gear #455.	
7	Included are 2 vessels with additional gear #655 and 2 vessels with additional gear #660.	
8	Included are 8 vessels with additional gear #210 and 1 vessel with additional gear #650.	
9	Included are 6 vessels with additional gear #215, 78 vessels with additional gear #650, and 1 vessel with additional gear #675.	
10	Included are 6 vessels with additional gear #660 and 2 vessels with additional gear #675.	
11	Vessel with additional gear #110.	
12	The number of vessels analyzed represents 89 percent of the total number of vessels in Oregon and Washington (exclusive of duplication).	

Table 14.--Oregon and Washington fisheries, by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - -Number- - - - -			
Herring (sea) - haul seine	10	6	-	16
purse seine	1	-	2	3
Salmon - purse seine	257	56	3	316
gill net	284	42	7	333
troll lines	516	556	101	1,173
Tuna (albacore) - hand lines	41	3	-	44
troll lines	189	557	104	850
Groundfish ¹ - otter trawl	53	62	22	137
troll lines	1	2	8	11
long lines				
(halibut)	35	24	4	63
Crab (dungeness) - pots	40	96	95	231
Shrimp - otter trawl	11	23	26	60
Clam - dredge	3	-	-	3
Oyster - dredge (common)	27	1	-	28
Total	1,468	1,428	372	3,268

¹ Cod, flounders, lingcod, ocean perch, rockfishes, sablefish, and others.

Table 15.--Commercial fishing vessels in Alaska,
by gear type, 1969

Gear code ¹	110	130	192	210	215	331	332	333	415	455	650	675	825	Sum
	--Number--													
110	1	7			1							2		11
130		422	2	1		1	17		8	89	38	41		619
192			5		1					2				8
210				1								1		2
215	21		3		13	1	1							17
331						12	12		2	2		1		29
332					51		62	62		1	1			142
333		414					644	1						45
415							72		7	4				13
455		815					93			385	27	37		467
650		104				111	121			132	445	42		495
675		1429					153			1618	63			113
825							171					12		13
														181,974

¹ The code numbers in the first row and first column refer to the following type of fishing gear:

Code number: Name of gear: Principal species caught:

110
130
192
210
215
331
332

purse seine
purse seine
beam trawl
otter trawl
otter trawl
pots
pots

herring
salmon
shrimp
groundfish
shrimp
dungeness crab
king crab

Table 15.--Commercial fishing vessels in Alaska,
by gear type, 1969 (continued)

<u>Code number:</u>	<u>Name of gear:</u>	<u>Principal species caught:</u>
333	pots	tanner crab
415	gill net - anchor	salmon
455	gill net - drift	salmon
650	lines - troll	salmon
675	lines - long or set with hooks	halibut
825	dredge	scallop
2	Vessel with additional gear #130.	
3	Vessel with additional gear #210.	
4	Included are 3 vessels with additional gear #110, 1 vessel with additional gear #192, and 10 vessels with additional gear #331.	
5	Vessel with additional gear #331.	
6	Included are 29 vessels with additional gear #130, 3 vessels with additional gear #215, and 12 vessels with additional gear #331.	
7	Vessels with additional gear #333.	
8	Included are 2 vessels with additional gear #110, 5 vessels with additional gear #331, 3 vessels with additional gear #332, and 5 vessels with additional gear #415.	
9	Vessels with additional gear #333.	
10	Included are 1 vessel with additional gear #331 and 3 vessels with additional gear #455.	
11	Vessel with additional gear #455.	
12	Vessel with additional gear #333.	
13	Included are 1 vessel with additional gear #332 and 1 vessel with additional gear #415.	
14	Included are 1 vessel with additional gear #332, 2 vessels with additional gear #415, 5 vessels with additional gear #455, and 21 vessels with additional gear #650.	
15	Vessels with additional gear #333.	
16	Included are 1 vessel with additional gear #331, 1 vessel with additional gear #332, 1 vessel with additional gear #415, and 15 vessels with additional gear #455.	
17	Vessel with additional gear #333.	
18	The number of vessels analyzed represents the total number of vessels in Alaska (exclusive of duplication).	

Table 16.--Alaska fisheries by species and gear type,
and by number of vessels, 1969

Fishery and gear type	Vessels			
	1 gear	2 gears	3 gears	Total
	- - - - -Number- - - - -			
Herring - purse seine	1	10	6	17
Salmon - purse seine	422	204	92	718
gill net, anchor	7	14	11	32
gill net, drift	385	162	44	591
troll lines	445	108	47	600
Groundfish ¹ - otter trawl	1	2	1	4
long lines	63	125	50	238
Dungeness crab - pots	12	19	31	62
King crab - pots	62	95	75	232
Tanner crab - pots	1	62	54	117
Shrimp - beam trawl	5	5	2	12
otter trawl	13	4	6	23
Scallop - dredge	12	-	1	13
Total	1,429	810	420	2,659

¹ Cod, halibut, lingcod, sablefish, and others.