

CHAPTER 3

TABLES

TABLE 3.2-1. Latitudinal and depth distributions of groundfish species (adults) managed under the Pacific Coast Groundfish Fishery Management Plan.^{1/}

Common name	Scientific name	Latitudinal Distribution		Depth Distribution (fm)	
		Overall	Highest Density	Overall	Highest Density
Flatfish Species					
Arrowtooth flounder	<i>Atheresthes stomias</i>	N. 34° N.lat.	N. 40° N.lat.	10-400	27-270
Butter sole	<i>Isopsetta isolepis</i>	N. 34° N.lat.	N. 34° N.lat.	0-200	0-100
Curlfin sole	<i>Pleuronichthys decurrens</i>	Coastwide	Coastwide	4-291	4-50
Dover sole	<i>Microstomus pacificus</i>	Coastwide	Coastwide	10-500	110-270
English sole	<i>Parophrys vetulus</i>	Coastwide	Coastwide	0-300	40-200
Flathead sole	<i>Hippoglossoides elassodon</i>	N. 38° N.lat.	N. 40° N.lat.	3-300	100-200
Pacific sanddab	<i>Citharichthys sordidus</i>	Coastwide	Coastwide	0-300	0-82
Petrale sole	<i>Eopsetta jordani</i>	Coastwide	Coastwide	10-250	160-250
Rex sole	<i>Glyptocephalus zachirus</i>	Coastwide	Coastwide	10-350	27-250
Rock sole	<i>Lepidopsetta bilineata</i>	Coastwide	N. 32°30' N.lat.	0-200	summer 10-44 winter 70-150
Sand sole	<i>Psettichthys melanostictus</i>	Coastwide	N. 33°50' N.lat.	0-100	0-44
Starry flounder	<i>Platichthys stellatus</i>	Coastwide	N. 34°20' N.lat.	0-150	0-82
Rockfish Species					
Aurora rockfish	<i>Sebastes aurora</i>	Coastwide	Coastwide	100-420	82-270
Bank rockfish	<i>Sebastes rufus</i>	S. 39°30' N.lat.	S. 39°30' N.lat.	17-135	115-140
Black rockfish	<i>Sebastes melanops</i>	N. 34° N.lat.	N. 34° N.lat.	0-200	0-30
Black-and-yellow rockfish	<i>Sebastes chrysomelas</i>	S. 40° N.lat.	S. 40° N.lat.	0-20	0-10
Blackgill rockfish	<i>Sebastes melanostomus</i>	Coastwide	S. 40° N.lat.	48-420	125-300
Blue rockfish	<i>Sebastes mystinus</i>	Coastwide	Coastwide	0-300	13-21
Bocaccio ^{2/}	<i>Sebastes paucispinis</i>	Coastwide	S. 40° N. lat., N. 48° N. lat.	15-180	54-82
Bronzespotted Rockfish	<i>Sebastes gilli</i>	S. 37° N.lat.	S. 37° N.lat.	41-205	110-160
Brown rockfish	<i>Sebastes auriculatus</i>	Coastwide	S. 40° N.lat.	0-70	0-50
Calico rockfish	<i>Sebastes dallii</i>	S. 38° N.lat.	S. 33° N.lat.	10-140	33-50
California scorpionfish	<i>Scorpaena gutatta</i>	S. 37° N.lat.	S. 34°27' N.lat.	0-100	0-100
Canary rockfish	<i>Sebastes pinniger</i>	Coastwide	Coastwide	50-150	50-100
Chameleon rockfish	<i>Sebastes phillipsi</i>	37°- 33° N.lat.	37°- 33° N.lat.	95-150	95-150
Chilipepper	<i>Sebastes goodei</i>	Coastwide	34°- 40° N.lat.	27-190	27-190
China rockfish	<i>Sebastes nebulosus</i>	N. 34° N.lat.	N. 35° N.lat.	0-70	2-50
Copper rockfish	<i>Sebastes caurinus</i>	Coastwide	S. 40° N.lat.	0-100	0-100
Cowcod	<i>Sebastes levis</i>	S. 40° N.lat.	S. 34°27' N.lat.	22-203	100-130
Darkblotched rockfish	<i>Sebastes crameri</i>	N. 33° N.lat.	N. 38° N.lat.	16-300	96-220
Dusky rockfish ^{3/}	<i>Sebastes ciliatus</i>	N. 55° N.lat.	N. 55° N.lat.	0-150	0-150
Dwarf-Red rockfish ^{4/}	<i>Sebastes rofinanus</i>	33° N.lat.	33° N.lat.	>100	>100
Flag rockfish	<i>Sebastes rubrivinctus</i>	S. 38° N.lat.	S. 37° N.lat.	17-100	shallow
Freckled rockfish	<i>Sebastes lentiginosus</i>	S. 33° N.lat.	S. 33° N.lat.	22-92	22-92
Gopher rockfish	<i>Sebastes carnatus</i>	S. 40° N.lat.	S. 40° N.lat.	0-30	0-16
Grass rockfish	<i>Sebastes rastrelliger</i>	S. 44°40' N.lat.	S. 40° N.lat.	0-25	0-8
Greenblotched rockfish	<i>Sebastes rosenblatti</i>	S. 38° N.lat.	S. 38° N.lat.	33-217	115-130
Greenspotted rockfish	<i>Sebastes chlorostictus</i>	S. 47° N.lat.	S. 40° N.lat.	27-110	50-100
Greenstriped rockfish	<i>Sebastes elongatus</i>	Coastwide	Coastwide	33-220	27-136
Halfbanded rockfish	<i>Sebastes semicinctus</i>	S. 36°40' N.lat.	S. 36°40' N.lat.	32-220	32-220
Harlequin rockfish ^{5/}	<i>Sebastes variegatus</i>	N. 40° N. lat.	N. 51° N. lat.	38-167	38-167
Honeycomb rockfish	<i>Sebastes umbrosus</i>	S. 36°40' N.lat.	S. 34°27' N.lat.	16-65	16-38
Kelp rockfish	<i>Sebastes atrovirens</i>	S. 39° N.lat.	S. 37° N.lat.	0-25	3-4
Longspine thornyhead	<i>Sebastolobus altivelis</i>	Coastwide	Coastwide	167->833	320-550
Mexican rockfish	<i>Sebastes macdonaldi</i>	S. 36°20' N.lat.	S. 36°20' N.lat.	50-140	50-140
Olive rockfish	<i>Sebastes serranoides</i>	S. 41°20' N.lat.	S. 40° N.lat.	0-80	0-16
Pacific ocean perch	<i>Sebastes alutus</i>	Coastwide	N. 42° N.lat.	30-350	110-220
Pink rockfish	<i>Sebastes eos</i>	S. 37° N.lat.	S. 35° N.lat.	40-200	40-200
Pinkrose rockfish	<i>Sebastes simulator</i>	S. 34° N.lat.	S. 34° N.lat.	54-160	108
Puget Sound rockfish	<i>Sebastes emphaeus</i>	N. 40° N.lat.	N. 40° N.lat.	6-200	6-200
Pygmy rockfish	<i>Sebastes wilsoni</i>	N. 32°30' N.lat.	N. 32°30' N.lat.	17-150	17-150
Quillback rockfish	<i>Sebastes maliger</i>	N. 36°20' N.lat.	N. 40° N.lat.	0-150	22-33

TABLE 3.2-1. Latitudinal and depth distributions of groundfish species (adults) managed under the Pacific Coast Groundfish Fishery Management Plan.^{1/}

Common name	Scientific name	Latitudinal Distribution		Depth Distribution (fm)	
		Overall	Highest Density	Overall	Highest Density
Redbanded rockfish	<i>Sebastes babcocki</i>	Coastwide	N. 37° N.lat.	50-260	82-245
Redstripe rockfish	<i>Sebastes proriger</i>	N. 37° N.lat.	N. 37° N.lat.	7-190	55-190
Rosethorn rockfish	<i>Sebastes helvomaculatus</i>	Coastwide	N. 38° N.lat.	65-300	55-190
Rosy rockfish	<i>Sebastes rosaceus</i>	S. 42° N.lat.	S. 40° N.lat.	8-70	30-58
Rougheye rockfish	<i>Sebastes aleutianus</i>	Coastwide	N. 40° N. lat.	27-400	27-250
Semaphore rockfish	<i>Sebastes melanosema</i>	S. 34°27' N.lat.	S. 34°27' N.lat.	75-100	75-100
Sharpchin rockfish	<i>Sebastes zacentrus</i>	Coastwide	Coastwide	50-175	50-175
Shortbelly rockfish	<i>Sebastes jordani</i>	Coastwide	S. 46° N.lat.	50-175	50-155
Shortraker rockfish	<i>Sebastes borealis</i>	N. 39°30' N.lat.	N. 44° N.lat.	110-220	110-220
Shortspine thornyhead	<i>Sebastolobus alascanus</i>	Coastwide	Coastwide	14->833	55-550
Silvergray rockfish	<i>Sebastes brevispinis</i>	Coastwide	N. 40° N.lat.	17-200	55-160
Speckled rockfish	<i>Sebastes ovalis</i>	S. 38° N.lat.	S. 37° N.lat.	17-200	41-83
Splitnose rockfish	<i>Sebastes diploproa</i>	Coastwide	Coastwide	50-317	55-250
Squarespot rockfish	<i>Sebastes hopkinsi</i>	S. 38° N.lat.	S. 36° N.lat.	10-100	10-100
Starry rockfish	<i>Sebastes constellatus</i>	S. 38° N.lat.	S. 37° N.lat.	13-150	13-150
Stripetail rockfish	<i>Sebastes saxicola</i>	Coastwide	Coastwide	5-230	5-190
Swordspine rockfish	<i>Sebastes ensifer</i>	S. 38° N.lat.	S. 38° N.lat.	38-237	38-237
Tiger rockfish	<i>Sebastes nigrocinctus</i>	N. 35° N.lat.	N. 35° N.lat.	30-170	35-170
Treefish	<i>Sebastes serriceps</i>	S. 38° N.lat.	S. 34°27' N.lat.	0-25	3-16
Vermillion rockfish	<i>Sebastes miniatus</i>	Coastwide	Coastwide	0-150	4-130
Widow rockfish	<i>Sebastes entomelas</i>	Coastwide	N. 37° N.lat.	13-200	55-160
Yelloweye rockfish	<i>Sebastes ruberrimus</i>	Coastwide	N. 36° N.lat.	25-300	27-220
Yellowmouth rockfish	<i>Sebastes reedi</i>	N. 40° N.lat.	N. 40° N.lat.	77-200	150-200
Yellowtail rockfish	<i>Sebastes flavidus</i>	Coastwide	N. 37° N.lat.	27-300	27-160
Roundfish Species					
Cabazon	<i>Scorpaenichthys marmoratus</i>	Coastwide	Coastwide	0-42	0-27
Kelp greenling	<i>Hexagrammos decagrammus</i>	Coastwide	N. 40° N.lat.	0-25	0-10
Lingcod	<i>Ophiodon elongatus</i>	Coastwide	Coastwide	0-233	0-40
Pacific cod	<i>Gadus macrocephalus</i>	N. 34° N.lat.	N. 40° N.lat.	7-300	27-160
Pacific whiting	<i>Merluccius productus</i>	Coastwide	Coastwide	20-500	27-270
Sablefish	<i>Anoplopoma fimbria</i>	Coastwide	Coastwide	27->1,000	110-550
Shark and Skate Species					
Big skate	<i>Raja binoculata</i>	Coastwide	S. 46° N.lat.	2-110	27-110
California skate	<i>Raja inornata</i>	Coastwide	S. 39° N.lat.	0-367	0-10
Leopard shark	<i>Triakis semifasciata</i>	S. 46° N.lat.	S. 46° N.lat.	0-50	0-2
Longnose skate	<i>Raja rhina</i>	Coastwide	N. 46° N.lat.	30-410	30-340
Soupfin shark	<i>Galeorhinus zyopterus</i>	Coastwide	Coastwide	0-225	0-225
Spiny dogfish	<i>Squalus acanthias</i>	Coastwide	Coastwide	0->640	0-190
Other Species					
Finescale codling	<i>Antimora microlepis</i>	Coastwide	N. 38° N.lat.	190-1,588	190-470
Pacific rattail	<i>Coryphaenoides acrolepis</i>	Coastwide	N. 38° N.lat.	85-1,350	500-1,350
Ratfish	<i>Hydrolagus colliei</i>	Coastwide	Coastwide	0-499	55-82

1/ Data from Casillas et al. 1998, Eschmeyer et al. 1983, Hart 1973, Miller and Lea 1972, and NMFS survey data. Depth distributions refer to offshore distributions, not vertical distributions in the water column.

2/ Only the southern stock of bocaccio south of 40°10' N. lat. is listed as overfished.

3/ Dusky rockfish do not occur on the U.S. West Coast south of 49° N. lat. The species needs to be removed from the FMP.

4/ Dwarf-Red rockfish are a very rare species with only one occurrence listed in the literature (2 specimens from an underwater explosion off San Clemente Is., CA in 1970; Eschmeyer et al. 1983). The species is not in the FMP.

5/ Only 2 occurrences of harlequin rockfish south of 51° N. lat. (off Newport, OR and La Push, WA; Casillas et al. 1998).

TABLE 3.2-2. Current rebuilding parameter/target estimates specified for overfished West Coast groundfish: shelf species.

Rebuilding Parameter/Target	Shelf rockfish & lingcod				
	Cowcod ^{1/}	Bocaccio ^{2/}	Canary	Yelloweye ^{3/}	Lingcod ^{4/}
T ₀ (year declared overfished)	2000	1999	2000	2002	1999
T _{MIN} (minimum time to achieve B _{MSY} ; F = 0)	2062	2097	2057	2027	2004 N 2005 S
Mean generation time	37 years	12 years	19 years	44 years	5 years N 4 years S
T _{MAX} (maximum time to achieve B _{MSY})	2099	2109	2076	2071	2009
P _{MAX} (P to achieve B _{MSY} by T _{MAX}) ^{5/}	55%	X%	60%	92%	60%
Most recent stock assessment	Butler et al. 1999	MacCall 2002	Methot and Piner 2002	Methot et al. 2002	Jagiello et al. 2000
Most recent rebuilding analysis	Butler and Barnes 2000	MacCall and He 2002	Methot and Piner 2002	Methot and Piner 2002	Jagiello and Hastie 2001
B ₀ (estimated unfished biomass)	3,367 mt	19,849 B eggs in 2002	31,550 mt	3,875 mt	22,882 mt N 20,971 mt S
B _{CURRENT} (current estimated biomass)	238 mt in 1998	720 B eggs in 2002	2,524 mt in 2002	934 mt in 2002	3,527 mt N 3,220 mt S in 2000
B _{CURRENT} % Unfished Biomass	7% in 1998	3.6% in 2002	8% in 2002	24% in 2002	17% N 15% S in 2000
MSST (minimum stock size threshold = 25% of B ₀)	842 mt	4,962 B eggs	7,888 mt	969 mt	5,720 mt N 5,243 mt S
B _{MSY} (rebuilding biomass target = 40% of B ₀)	1,350 mt	7,940 B eggs	12,620 mt	1,550 mt	9,153 mt N 8,389 mt S
MFMT (maximum fishing mortality threshold = F _{MSY})	F _{50%}	F _{50%}	F _{73%}	F _{57%}	F _{45%} : F = 0.12 N F = 0.14 S
Harvest control rule ^{5/}	F = 0.0136	F = 0.0X	F = 0.0220	F = 0.0139	F = 0.053 N F = 0.061 S
T _{TARGET} ^{5/}	2095	2XXX	2074	2052	2009

1/ Cowcod were assessed in the Conception area. All parameters/targets are for the Conception area, although cowcod retention is prohibited throughout its range.

2/ Bocaccio were assessed by MacCall (2002) in the Conception and Monterey INPFC areas combined. Biomass estimates are spawning output in billions of eggs. A revised rebuilding analysis indicates rebuilding cannot occur within T_{MAX} with at least a 50% probability, even under no harvest. Therefore,

3/ Yelloweye rockfish were assessed as two stocks: northern California (N CA; Monterey INPFC area north to the California/Oregon border) and Oregon (OR; waters off Oregon) (Wallace 2001). Biomass estimates are in spawning output units (s.o.) calculated as the weighted age x the net maturity function. A new stock assessment and rebuilding analysis that may supersede these data are in development but will be available for Council consideration in September 2002. All parameters still considered preliminary.

4/ West coast lingcod were assessed as two stocks north (Columbia and U.S. Vancouver INPFC areas) and south (Eureka, Monterey, and Conception INPFC areas).

5/ Under Council interim or Council OY alternative rebuilding strategies except bocaccio (see footnote 2/).

TABLE 3.2-3. Current rebuilding parameter/target estimates specified for overfished West Coast groundfish: slope and midwater species.

Rebuilding Parameter/Target	Slope rockfish		Midwater species	
	Darkblotched	POP	Widow	Pacific whiting ^{1/}
T ₀ (year declared overfished)	2000	1999	2001	2002
T _{MIN} (minimum time to achieve B _{MSY} @ F = 0)	2014	2011	2023	2004
Mean generation time	33 years	30 years	16 years	8 years
T _{MAX} (maximum time to achieve B _{MSY})	2047	2041	2039	2012
P _{MAX} (P to achieve B _{MSY} by T _{MAX}) ^{2/}	80%	70%	60%	X%
Most recent stock assessment	Rogers et al. 2000	Ianelli et al. 2000	Williams et al. 2000	Helser et al. 2002
Most recent rebuilding analysis	Methot and Rogers 2001	Punt and Ianelli 2001	Punt and MacCall 2002	Helser 2002
B ₀ (estimated unfished biomass)	29,044 mt	60,212 units of spawning output	34,900 mt in 2000	5.25 M mt
B _{CURRENT} (current estimated biomass)	4,067 mt in 2002	13,066 units of spawning output in 1998	8,223 mt in 2000	1.26 M mt in 2002
% Unfished Biomass	14% in 2002	21.7% in 1998	23.6% in 2000	20% in 2001; 24% in 2002
MSST (minimum stock size threshold = 25% of B ₀)	7,261 mt	15,053 units of spawning output	8,725 mt	1.31 M mt
B _{MSY} (rebuilding biomass target = 40% of B ₀)	11,618 mt	24,084 units of spawning output	13,960 mt	2.1 M mt
MFMT (maximum fishing mortality threshold = F _{MSY})	F _{50%}	F _{50%}	F _{50%}	F _{40%}
Harvest control rule ^{2/}	F = 0.027	F = 0.0082	F = 0.0271	F = 0.0X
T _{TARGET} ^{2/}	2030	2027	2039	20XX

1/ The Pacific whiting stock was assessed in 2002. Biomass estimates are in millions of mt of age 3+ fish. Highlighted and italicized data denote unspecified rebuilding parameters since the Helser (2002) rebuilding analysis was not endorsed by the SSC.

2/ Under Council interim rebuilding strategies except Pacific whiting.

TABLE 3.2-4. Protected salmon species on the West Coast with their protected species designations.

Species and Stock	Scientific Name
Salmon species listed as endangered under the ESA	
Chinook salmon- Sacramento River Winter; Upper Columbia Spring	<i>Oncorhynchus tshawytscha</i>
Sockeye salmon- Snake River	<i>Oncorhynchus nerka</i>
Steelhead- Southern California; Upper Columbia	<i>Oncorhynchus mykiss</i>
Salmon species listed as threatened under the ESA	
Coho salmon- Central California, Southern Oregon, and Northern California Coasts	<i>Oncorhynchus kisutch</i>
Chinook salmon- Snake River Fall, Spring, and Summer; Puget Sound; Lower Columbia; Upper Willamette; Central Valley Spring; California Coastal	<i>Oncorhynchus tshawytscha</i>
Chum salmon- Hood Canal Summer; Columbia River	<i>Oncorhynchus keta</i>
Sockeye salmon- Ozette Lake	<i>Oncorhynchus nerka</i>
Steelhead- South-Central California, Central California Coast, Snake River Basin, Lower Columbia, California Central Valley, Upper Willamette, Middle Columbia, Northern California	<i>Oncorhynchus mykiss</i>

TABLE 3.2-5. Protected sea turtles on the West Coast with their protected species designations.

Species	Scientific Name
Sea turtles listed as endangered under the ESA	
Green turtle	<i>Chelonia mydas</i>
Leatherback turtle	<i>Dermochelys coriacea</i>
Olive ridely turtle	<i>Lepidochelys olivacea</i>

TABLE 3.2-6. Protected marine mammals on the West Coast with their protected species designations.

Species and Stock	Scientific Name
Marine mammals listed as threatened under the ESA	
Steller sea lion- eastern stock	<i>Eumetopias jubatus</i>
Guadalupe fur seal	<i>Arctocephalus townsendi</i>
Southern sea otter- California stock	<i>Enhydra lutris</i>
Marine mammals listed as depleted under the MMPA	
Sperm whale- West Coast stock	<i>Physeter macrocephalus</i>
Humpback whale- West Coast and Mexico stock	<i>Megaptera novaeangliae</i>
Blue whale- eastern north Pacific stock	<i>Balaenoptera musculus</i>
Fin whale- West Coast stock	<i>Balaenoptera physalus</i>

TABLE 3.2-7. Protected seabirds on the West Coast with their protected species designations.

Species	Scientific Name
Seabirds listed as endangered under the ESA	
Short-tail albatross	<i>Phoebastria (=Diomedea) albatrus</i>
California brown pelican	<i>Pelecanus occidentalis</i>
California least tern	<i>Sterna antillarum browni</i>
Seabirds listed as threatened under the ESA	
Marbled murrelet	<i>Brachyramphs marmoratus</i>

TABLE 3.3-1a. Overview of domestic shoreside landings and at-sea deliveries (round weight mt) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) north of Cape Mendocino, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Wetfish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	2,303	73,557	825	19,771	7,053	45,953	1,542	17,692	0	-	-	160	0	5,871	-	-	0	2	1	6,210	8,670	26	11,021	200,657
1982	2,807	67,465	1,019	25,419	12,532	41,982	1,068	12,463	0	-	-	164	1	5,637	-	-	1	52	0	1,477	7,322	35	3,832	183,276
1983	3,468	72,100	1,047	23,229	9,820	33,382	663	5,626	0	-	-	322	0	2,010	-	-	12	135	8	2,470	6,812	42	3,490	164,636
1984	3,302	78,889	2,697	20,448	10,784	24,623	883	4,357	-	-	-	598	0	762	-	-	3	429	4	1,188	5,850	193	3,867	158,876
1985	3,370	31,692	3,891	20,992	10,802	24,648	784	12,391	-	-	-	536	0	2,657	-	-	0	795	1	2,068	7,344	104	3,034	125,107
1986	1,512	81,639	3,459	17,025	9,221	24,028	512	25,931	-	-	-	746	0	3,760	-	-	0	13	21	3,118	6,798	69	862	178,713
1987	1,943	105,997	4,786	20,116	9,815	29,188	2,480	30,479	-	-	-	302	1	5,115	-	-	2	1	71	1,849	7,234	183	1,144	220,706
1988	1,973	135,781	6,862	20,402	8,366	31,001	3,688	31,988	-	-	-	240	1	5,253	-	-	0	0	41	3,955	15,223	206	1,860	266,841
1989	2,621	203,578	7,407	22,880	7,585	33,059	2,586	35,160	5	-	-	212	1	4,024	-	-	0	44	62	771	15,559	65	4,723	340,343
1990	2,168	175,685	8,112	22,056	6,849	29,901	1,711	24,317	-	-	-	153	2	2,453	-	-	0	1	61	1,590	12,928	84	5,463	293,533
1991	2,532	200,594	21,036	23,472	7,420	25,150	2,877	18,999	-	-	-	169	0	1,858	0	-	0	0	74	1,002	5,652	99	3,454	314,390
1992	1,377	148,186	56,127	17,817	7,237	26,456	3,147	35,709	0	0	-	217	0	1,191	-	-	0	6	364	4,512	14,691	116	3,353	320,508
1993	1,626	91,640	42,107	16,584	6,714	29,788	3,270	22,427	1	-	-	252	0	895	2	-	7	59	656	5,421	17,061	163	2,426	241,100
1994	2,370	162,923	73,607	14,508	6,437	27,729	3,253	14,418	0	0	-	179	2	185	5	-	0	144	539	7,625	16,365	123	2,331	332,743
1995	1,322	98,376	74,966	13,479	6,132	23,755	1,638	10,661	0	-	-	139	5	1,305	-	0	0	114	469	5,464	15,344	175	2,411	255,753
1996	1,434	123,419	85,056	14,337	6,178	22,752	1,357	13,125	1	0	-	148	15	1,227	-	-	1	104	408	9,466	23,666	104	2,992	305,790
1997	1,280	142,726	87,409	13,646	6,127	17,701	1,528	16,101	31	-	-	201	14	951	4	2	1	128	2,060	8,728	10,758	203	3,756	313,325
1998	406	142,810	88,599	13,502	3,569	15,755	1,429	4,130	1	0	-	220	13	901	-	0	1	31	1,536	11,383	10,263	192	1,833	296,576
1999	357	139,940	83,636	16,531	5,508	13,151	1,096	12,059	1	-	-	218	3	723	0	-	6	18	1,788	4,150	15,057	124	2,406	296,771
2000	116	120,411	85,842	13,096	5,192	9,549	1,125	14,482	-	-	-	223	0	1,060	0	-	0	29	14,774	7,531	12,236	210	2,684	288,562
2001	121	99,875	73,473	11,145	4,683	6,186	1,137	17,482	1	0	-	331	4	2,165	0	0	-	30	24,556	8,744	10,392	218	3,422	263,965

NOTE: 1981-1990 at-sea whiting data from Council 1987.

TABLE 3.3-1b. Overview of domestic shoreside landings and at-sea deliveries (round weight mt) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) south of Cape Mendocino, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lincod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Westfish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	1,004	-	13	6,201	4,365	13,822	187	510	174	4	87	-	191	2,096	0	-	1,258	23,508	105,356	146,255	341	1,348	27,343	334,063
1982	1,015	-	7	7,194	6,093	19,488	209	241	162	8	61	-	179	3,194	63	-	1,172	16,307	79,436	114,436	301	1,191	42,382	293,142
1983	695	-	3	6,410	4,865	14,774	226	426	58	1	70	-	289	900	74	-	666	1,824	32,068	112,170	357	1,318	44,915	222,109
1984	758	-	23	7,255	3,293	15,397	196	131	29	0	259	-	238	1,381	24	-	825	564	38,081	84,011	389	1,607	33,352	187,813
1985	513	-	3	9,408	3,506	12,699	183	17	26	4	357	-	149	2,184	-	-	1,954	10,276	26,656	31,936	359	1,587	40,656	142,474
1986	382	-	5	9,102	4,069	12,984	150	400	12	13	130	1	197	3,473	35	-	1,800	21,277	28,795	33,797	604	1,486	50,162	168,874
1987	643	-	10	8,680	2,969	11,054	164	581	21	14	85	5	223	4,021	49	-	1,368	19,984	36,789	34,053	1,230	1,241	55,340	178,523
1988	684	-	6	6,640	2,510	9,978	100	346	23	41	55	19	248	6,989	72	-	1,081	37,232	37,861	32,661	1,492	1,183	57,991	197,210
1989	959	-	6	7,000	2,854	12,275	108	390	25	48	61	0	271	2,711	-	-	875	40,893	35,098	26,674	486	1,684	62,373	194,791
1990	765	-	3	5,645	2,331	13,365	102	235	19	101	34	-	188	2,165	67	-	775	28,446	39,137	14,497	601	2,005	44,139	154,619
1991	634	-	4	7,043	2,076	10,131	100	65	21	103	52	0	235	1,877	264	-	851	37,388	44,973	10,134	533	1,790	28,260	146,533
1992	506	-	1	6,979	2,124	10,544	108	1	35	65	27	-	271	858	-	-	378	13,110	38,855	9,387	433	1,385	23,259	108,325
1993	574	-	1	5,523	1,431	8,464	213	25	50	105	33	0	218	1,319	293	-	302	42,829	30,741	11,879	349	1,520	17,882	123,751
1994	463	-	3	4,776	1,224	7,631	386	563	132	66	71	0	186	1,617	293	118	207	55,313	26,123	12,721	1,314	1,097	15,058	129,364
1995	378	-	1	6,227	1,820	8,416	497	681	136	42	187	3	258	3,449	268	115	276	70,249	52,494	13,070	1,593	1,272	15,431	176,863
1996	357	-	71	6,470	2,160	7,735	1,202	675	176	54	264	2	291	2,079	381	115	346	80,611	48,746	19,930	897	1,377	15,907	189,844
1997	373	-	1	5,862	1,823	7,874	742	1,355	261	79	177	0	401	2,748	205	139	339	70,343	68,558	17,678	1,589	1,805	18,945	201,296
1998	100	-	2	3,219	840	6,863	751	212	256	116	197	3	402	949	349	119	254	2,899	67,041	18,257	1,485	1,455	8,813	114,582
1999	85	-	0	3,683	1,152	3,256	531	345	185	93	632	2	382	1,986	272	63	388	92,105	74,303	13,553	726	1,354	9,470	204,567
2000	29	-	1	3,219	1,103	2,152	373	170	121	81	705	-	218	2,645	290	79	333	117,956	88,587	7,003	779	1,297	10,788	237,931
2001	35	-	1	2,718	962	1,621	289	113	91	95	161	0	241	1,192	323	68	264	85,929	81,549	6,072	842	1,335	9,079	192,980

TABLE 3.3-1c. Overview of domestic shoreside landings and at-sea deliveries (round weight mt) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) coastwide, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lincod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	3,307	73,557	838	25,972	11,419	59,774	1,729	18,202	174	4	87	160	191	7,967	0	0	1,258	23,510	105,357	152,465	9,011	1,480	38,365	534,827
1982	3,822	67,465	1,027	32,613	18,625	61,470	1,277	12,704	162	8	61	164	180	8,831	63	0	1,173	16,360	79,436	115,923	7,623	1,233	46,247	476,468
1983	4,163	72,100	1,051	29,639	14,685	48,157	889	6,052	58	1	70	322	289	2,936	74	0	678	1,959	32,076	114,644	7,169	1,403	48,437	386,852
1984	4,060	78,889	2,721	27,703	14,077	40,020	1,079	4,488	29	0	259	598	239	2,180	24	0	829	993	38,084	85,203	6,239	1,849	37,260	346,822
1985	3,883	31,692	3,894	30,400	14,308	37,347	967	12,408	26	4	357	536	149	5,043	0	0	1,954	11,071	26,657	34,004	7,703	1,754	43,790	267,947
1986	1,894	81,639	3,463	26,127	13,290	37,012	661	26,330	12	13	130	748	197	7,384	35	0	1,801	21,290	28,817	36,916	7,402	1,567	51,113	347,841
1987	2,586	105,997	4,795	28,796	12,784	40,242	2,644	31,060	21	14	85	307	224	9,410	49	0	1,370	19,985	36,860	35,902	8,464	1,447	56,546	399,588
1988	2,656	135,781	6,867	27,043	10,876	40,980	3,788	32,334	23	41	55	260	249	12,518	72	0	1,082	37,232	37,902	36,616	16,715	1,430	59,874	464,392
1989	3,580	203,578	7,414	29,880	10,439	45,334	2,694	35,550	30	48	61	212	273	6,869	0	0	875	40,936	35,160	27,446	16,045	1,806	67,110	535,341
1990	2,932	175,685	8,115	27,701	9,179	43,265	1,813	24,553	19	101	34	153	190	4,682	67	0	775	28,447	39,198	16,088	13,529	2,223	49,672	448,422
1991	3,167	200,594	21,040	30,515	9,496	35,282	2,978	19,064	21	103	52	169	235	3,734	264	0	851	37,388	45,047	11,135	6,185	2,035	31,752	461,107
1992	1,883	148,186	56,127	24,796	9,360	37,000	3,255	35,710	35	65	27	217	272	2,049	0	0	379	13,116	39,219	13,899	15,125	1,607	26,641	428,968
1993	2,200	91,640	42,108	22,107	8,145	38,252	3,483	22,451	51	105	33	252	218	2,214	295	0	309	42,889	31,397	17,300	17,411	1,773	20,341	364,974
1994	2,834	162,923	73,611	19,284	7,661	35,361	3,638	14,981	133	66	71	179	188	1,802	298	118	208	55,489	26,669	20,349	17,682	1,221	17,421	462,186
1995	1,700	98,376	74,967	19,706	7,951	32,171	2,135	11,342	136	42	187	142	262	4,756	268	115	276	70,363	52,963	18,538	16,937	1,462	17,857	432,652
1996	1,790	123,419	85,127	20,807	8,339	30,487	2,559	13,800	178	54	264	150	306	3,306	381	115	347	80,715	49,154	29,396	24,564	1,498	18,931	495,685
1997	1,652	142,726	87,410	19,508	7,951	25,576	2,271	17,456	263	79	177	201	415	3,700	209	141	340	70,471	70,617	26,406	12,347	2,010	22,731	514,655
1998	506	142,810	88,601	16,722	4,410	22,619	2,180	4,342	257	117	197	223	415	1,850	349	119	255	2,931	68,576	29,640	11,748	1,720	10,671	411,294
1999	441	139,940	83,637	20,213	6,660	16,408	1,627	12,404	185	93	632	220	385	2,709	272	63	394	92,122	76,092	17,702	15,783	1,478	11,901	501,575
2000	145	120,411	85,843	16,315	6,296	11,702	1,498	14,653	121	81	705	223	218	3,707	291	79	333	117,984	103,360	14,534	13,015	1,619	13,496	526,692
2001	156	99,875	73,475	13,863	5,646	7,806	1,427	17,595	92	95	161	331	245	3,358	323	68	264	85,959	106,105	14,816	11,234	1,643	12,530	457,100

NOTE 1: This table includes some catch from the WOC ocean area (0-200 miles) for which it could not be determined whether the landing occurred north or south of Cape Mendocino.

NOTE 2: For 1981-1990, at-sea whiting catch estimates are from Council 1987.

TABLE 3.3-1d. Overview of domestic shoreside landings and at-sea deliveries (round weight mt) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) north and south of Cape Mendocino and by state, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data (August, 2002) and Council (1997).

Year	All Groundfish							All Species						
	At-Sea Included		Not Including At Sea					At-Sea Included		Not Including At Sea				
	North of Cape Mendo	South of Cape Mendo	WA	OR	CA	Total	Total with At-Sea	North of Cape Mendo	South of Cape Mendo	WA	OR	CA	Total	Total with At-Sea
1981	151,004	25,592	23,290	37,315	42,434	103,039	176,596	200,657	334,063	33,937	66,554	360,779	461,270	534,827
1982	152,292	34,007	25,200	40,999	52,635	118,834	186,299	183,276	293,142	32,915	57,250	318,838	409,003	476,468
1983	143,709	26,973	22,912	35,103	40,567	98,583	170,683	164,636	222,109	30,740	44,898	239,115	314,752	386,852
1984	141,626	26,923	20,888	28,178	40,593	89,659	168,548	158,876	187,813	26,158	36,598	205,177	267,933	346,822
1985	96,178	26,312	19,166	28,967	42,665	90,798	122,490	125,107	142,474	27,921	43,062	165,272	236,255	267,947
1986	137,395	26,692	15,939	24,883	41,625	82,448	164,087	178,713	168,874	27,489	47,623	191,090	266,202	347,841
1987	174,325	23,519	20,097	30,531	41,219	91,847	197,844	220,706	178,523	31,820	58,994	202,778	293,591	399,588
1988	208,073	19,917	20,332	32,125	39,753	92,210	227,991	266,841	197,210	39,009	62,679	226,923	328,611	464,392
1989	279,717	23,202	20,012	36,836	42,492	99,341	302,919	340,343	194,791	36,795	72,104	222,864	331,763	535,341
1990	246,481	22,210	18,329	35,509	39,168	93,006	268,691	293,533	154,619	30,679	61,455	180,603	272,737	448,422
1991	283,082	19,989	16,941	49,750	35,786	102,477	303,071	314,390	146,533	24,777	66,239	169,497	260,513	461,107
1992	260,347	20,260	15,729	81,919	34,773	132,421	280,607	320,508	108,325	29,845	114,385	136,552	280,782	428,968
1993	191,730	16,205	17,018	71,211	28,066	116,295	207,935	241,100	123,751	34,261	92,938	146,135	273,334	364,974
1994	290,828	14,483	23,558	94,096	24,733	142,388	305,311	332,743	129,364	37,800	110,440	151,021	299,262	462,186
1995	219,667	17,339	18,455	91,644	28,531	138,630	237,006	255,753	176,863	32,695	107,495	194,086	334,276	432,652
1996	254,533	17,995	25,267	95,828	28,014	149,109	272,528	305,790	189,844	43,337	118,468	210,460	372,266	495,685
1997	270,417	16,675	19,106	95,875	29,333	144,314	287,093	313,325	201,296	30,163	116,860	224,838	371,862	514,655
1998	266,072	11,775	22,094	89,899	22,816	134,809	277,847	296,576	114,582	33,611	103,710	130,739	268,060	411,294
1999	260,219	8,707	21,496	92,089	14,863	128,448	268,926	296,771	204,567	32,007	112,253	216,505	360,765	501,575
2000	235,332	6,878	19,645	85,680	16,033	121,358	242,210	288,562	237,931	35,606	118,637	251,469	405,712	526,692
2001	196,620	5,627	24,197	66,450	11,403	102,051	202,247	263,965	192,980	49,532	104,343	202,565	356,440	457,100

NOTE: Includes at-sea whiting and tribal landings.

TABLE 3.3-2a. Overview of domestic shoreside landings and at-sea deliveries (exvessel revenue, thousands of inflation adjusted dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) north of Cape Mendocino, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lincod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Wetfish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	1,962	21,422	240	19,186	5,787	26,019	1,008	34,143	2	-	-	718	1	37,010	-	-	0	1	0	20,874	30,443	144	16,910	215,873
1982	2,517	19,535	295	24,900	10,652	26,975	789	22,997	1	-	-	713	1	35,665	-	-	2	16	0	3,452	28,507	146	6,778	183,942
1983	2,989	20,220	294	21,876	7,893	23,510	530	14,241	0	-	-	1,273	1	8,629	-	-	37	126	12	4,773	35,034	134	5,661	147,235
1984	2,661	17,907	612	18,389	7,746	18,690	555	6,613	-	-	-	1,686	1	5,130	-	-	11	305	2	2,191	30,684	449	6,602	120,235
1985	2,814	6,850	841	18,866	12,660	20,352	456	14,233	-	-	-	1,814	1	13,705	-	-	1	471	2	3,313	34,181	378	6,656	137,596
1986	1,478	15,351	650	16,177	11,453	21,633	372	44,147	-	-	-	3,595	2	16,284	-	-	1	4	27	5,636	29,266	283	1,112	167,471
1987	2,263	20,629	931	21,940	15,208	29,808	2,425	64,146	-	-	-	1,730	4	33,057	-	-	4	1	80	4,358	30,394	1,073	1,349	229,400
1988	2,108	30,545	1,544	21,004	13,951	27,677	2,817	39,197	-	-	-	1,405	5	38,659	-	-	1	0	45	9,959	52,677	682	2,079	244,355
1989	2,532	38,346	1,395	19,956	10,808	27,655	1,816	37,076	6	-	-	1,130	9	18,138	-	-	0	10	71	1,746	49,945	207	5,105	215,951
1990	2,046	28,485	1,315	16,449	9,383	25,510	1,058	33,209	-	-	-	1,141	9	13,048	-	-	0	0	57	3,796	54,178	237	7,078	196,999
1991	2,295	28,597	2,915	19,226	14,630	22,689	1,858	28,467	-	-	-	1,314	3	6,556	-	-	1	0	49	2,179	23,267	383	5,690	160,120
1992	1,351	21,460	7,027	13,698	13,266	24,088	1,998	32,595	0	2	-	1,238	1	5,711	-	-	1	2	41	13,976	44,411	391	4,651	185,908
1993	1,502	8,225	3,305	12,435	10,103	26,311	1,749	19,138	1	-	-	1,129	2	3,766	8	-	9	36	45	13,326	48,223	515	4,691	154,518
1994	2,199	14,731	5,582	10,573	13,883	29,208	1,695	21,149	0	1	-	1,033	10	951	24	-	1	53	80	16,751	54,789	537	2,849	176,100
1995	1,387	11,370	8,720	11,431	21,252	29,690	962	18,937	1	-	-	738	27	4,228	-	0	1	47	99	10,927	63,663	552	3,433	187,465
1996	1,509	14,899	5,588	11,405	21,910	24,510	739	18,921	15	0	-	827	67	3,911	-	-	5	41	83	19,228	77,547	489	2,298	203,993
1997	1,388	20,621	8,766	10,414	23,889	18,575	932	15,110	38	8	-	957	60	3,015	10	5	2	56	50	16,816	47,560	1,094	2,120	171,485
1998	557	14,364	5,139	10,263	10,036	15,984	898	5,023	9	3	-	832	60	2,878	-	0	4	4	194	16,825	40,882	1,501	997	126,454
1999	551	12,268	7,189	11,051	15,257	14,092	699	12,973	8	-	-	999	14	2,457	0	-	14	0	177	8,038	66,215	1,046	1,284	154,332
2000	274	11,137	8,153	11,262	17,620	11,733	924	13,012	-	-	-	1,237	2	3,853	1	-	0	4	1,936	14,507	58,651	1,687	1,942	157,934
2001	282	10,569	5,747	9,872	14,911	8,300	978	10,205	27	0	-	1,473	16	6,042	0	0	-	1	3,038	16,441	46,346	1,896	2,165	138,307
1981-2001 Avg	1,746	18,454	3,631	15,732	13,443	22,524	1,203	24,073	5	1	-	1,285	14	12,509	2	0	5	56	290	9,958	45,089	658	4,355	175,032

NOTE: For 1981-1990, at-sea whiting catch estimates are from Council 1987 and value estimates are based on shoreside prices.

TABLE 3.3-2b. Overview of domestic shoreside landings and at-sea deliveries (percent of total exvessel revenue, and total exvessel revenue in thousands of inflation adjusted dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) north of Cape Mendocino, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lincolnd	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Total Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	0.9	9.9	0.1	8.9	2.7	12.1	0.5	35.0	15.8	0.0	-	-	0.3	0.0	17.1	-	-	0.0	0.0	0.0	9.7	14.1	0.1	7.8	215,873
1982	1.4	10.6	0.2	13.5	5.8	14.7	0.4	46.6	12.5	0.0	-	-	0.4	0.0	19.4	-	-	0.0	0.0	0.0	1.9	15.5	0.1	3.7	183,942
1983	2.0	13.7	0.2	14.9	5.4	16.0	0.4	52.5	9.7	0.0	-	-	0.9	0.0	5.9	-	-	0.0	0.1	0.0	3.2	23.8	0.1	3.8	147,235
1984	2.2	14.9	0.5	15.3	6.4	15.5	0.5	55.4	5.5	-	-	-	1.4	0.0	4.3	-	-	0.0	0.3	0.0	1.8	25.5	0.4	5.5	120,235
1985	2.0	5.0	0.6	13.7	9.2	14.8	0.3	45.7	10.3	-	-	-	1.3	0.0	10.0	-	-	0.0	0.3	0.0	2.4	24.8	0.3	4.8	137,596
1986	0.9	9.2	0.4	9.7	6.8	12.9	0.2	40.1	26.4	-	-	-	2.1	0.0	9.7	-	-	0.0	0.0	0.0	3.4	17.5	0.2	0.7	167,471
1987	1.0	9.0	0.4	9.6	6.6	13.0	1.1	40.6	28.0	-	-	-	0.8	0.0	14.4	-	-	0.0	0.0	0.0	1.9	13.2	0.5	0.6	229,400
1988	0.9	12.5	0.6	8.6	5.7	11.3	1.2	40.8	16.0	-	-	-	0.6	0.0	15.8	-	-	0.0	0.0	0.0	4.1	21.6	0.3	0.9	244,355
1989	1.2	17.8	0.6	9.2	5.0	12.8	0.8	47.5	17.2	0.0	-	-	0.5	0.0	8.4	-	-	0.0	0.0	0.0	0.8	23.1	0.1	2.4	215,951
1990	1.0	14.5	0.7	8.3	4.8	12.9	0.5	42.8	16.9	-	-	-	0.6	0.0	6.6	-	-	0.0	0.0	0.0	1.9	27.5	0.1	3.6	196,999
1991	1.4	17.9	1.8	12.0	9.1	14.2	1.2	57.6	17.8	-	-	-	0.8	0.0	4.1	-	-	0.0	0.0	0.0	1.4	14.5	0.2	3.6	160,120
1992	0.7	11.5	3.8	7.4	7.1	13.0	1.1	44.6	17.5	0.0	0.0	-	0.7	0.0	3.1	-	-	0.0	0.0	0.0	7.5	23.9	0.2	2.5	185,908
1993	1.0	5.3	2.1	8.0	6.5	17.0	1.1	41.2	12.4	0.0	-	-	0.7	0.0	2.4	0.0	-	0.0	0.0	0.0	8.6	31.2	0.3	3.0	154,518
1994	1.2	8.4	3.2	6.0	7.9	16.6	1.0	44.2	12.0	0.0	0.0	-	0.6	0.0	0.5	0.0	-	0.0	0.0	0.0	9.5	31.1	0.3	1.6	176,100
1995	0.7	6.1	4.7	6.1	11.3	15.8	0.5	45.2	10.1	0.0	-	-	0.4	0.0	2.3	-	0.0	0.0	0.0	0.1	5.8	34.0	0.3	1.8	187,465
1996	0.7	7.3	2.7	5.6	10.7	12.0	0.4	39.5	9.3	0.0	0.0	-	0.4	0.0	1.9	-	-	0.0	0.0	0.0	9.4	38.0	0.2	1.1	203,993
1997	0.8	12.0	5.1	6.1	13.9	10.8	0.5	49.3	8.8	0.0	0.0	-	0.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	9.8	27.7	0.6	1.2	171,485
1998	0.4	11.4	4.1	8.1	7.9	12.6	0.7	45.3	4.0	0.0	0.0	-	0.7	0.0	2.3	-	0.0	0.0	0.0	0.2	13.3	32.3	1.2	0.8	126,454
1999	0.4	7.9	4.7	7.2	9.9	9.1	0.5	39.6	8.4	0.0	-	-	0.6	0.0	1.6	0.0	-	0.0	0.0	0.1	5.2	42.9	0.7	0.8	154,332
2000	0.2	7.1	5.2	7.1	11.2	7.4	0.6	38.7	8.2	-	-	-	0.8	0.0	2.4	0.0	-	0.0	0.0	1.2	9.2	37.1	1.1	1.2	157,934
2001	0.2	7.6	4.2	7.1	10.8	6.0	0.7	36.6	7.4	0.0	0.0	-	1.1	0.0	4.4	0.0	0.0	-	0.0	2.2	11.9	33.5	1.4	1.6	138,307
1981-2001 Avg	1.0	10.5	2.1	9.0	7.7	12.9	0.7	43.8	13.8	0.0	0.0	-	0.7	0.0	7.1	0.0	0.0	0.0	0.0	0.2	5.7	25.8	0.4	2.5	175,032

NOTE: For 1981-1990, at-sea whiting catch estimates are from Council 1987 and value estimates are based on shoreside prices.

TABLE 3.3-3a. Overview of domestic shoreside landings and at-sea deliveries (exvessel revenue, thousands of inflation adjusted dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) south of Cape Mendocino, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lincod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	941	-	6	6,726	3,397	13,002	314	1,071	1,360	66	289	-	990	18,487	0	-	3,635	8,872	24,773	328,127	1,450	5,764	33,484	452,754
1982	921	-	4	7,584	6,280	16,628	355	514	1,336	144	259	-	906	25,937	41	-	3,122	5,882	15,868	217,977	1,389	6,346	37,976	349,468
1983	624	-	1	6,177	4,273	14,096	306	1,186	585	21	223	-	1,469	5,614	41	-	1,798	1,199	8,624	181,750	2,022	5,889	40,139	276,037
1984	671	-	7	6,567	2,451	15,037	417	291	331	1	499	-	1,366	10,981	15	-	2,119	456	10,450	142,854	2,565	9,735	20,064	226,876
1985	500	-	4	8,693	2,965	13,996	395	37	362	69	714	-	874	15,815	-	-	3,946	5,541	7,216	58,895	2,244	5,768	27,045	155,079
1986	434	-	4	9,047	4,449	15,533	322	691	171	170	339	8	1,251	19,479	23	-	3,593	6,549	7,004	59,485	3,604	7,331	32,568	172,056
1987	763	-	2	9,345	3,680	13,906	316	1,329	286	248	294	29	1,497	29,904	33	-	3,207	5,571	7,670	64,915	5,816	6,032	39,474	194,315
1988	801	-	3	7,304	3,064	12,236	233	455	327	605	210	100	1,691	51,989	44	-	2,634	10,710	8,750	70,446	6,543	6,915	45,322	230,382
1989	1,096	-	9	6,941	3,342	14,467	243	429	276	654	231	1	1,747	16,247	-	-	2,515	9,115	7,820	50,608	2,346	7,825	48,275	174,185
1990	843	-	8	5,313	2,803	15,478	182	313	200	1,388	128	-	1,234	14,258	46	-	2,080	5,989	6,780	27,328	3,336	8,583	53,147	149,438
1991	703	-	8	6,698	2,855	12,601	177	94	271	1,451	180	0	1,519	10,772	228	-	2,154	7,426	8,569	18,838	2,899	7,845	57,454	142,743
1992	580	-	2	5,951	3,018	13,671	197	2	517	1,047	156	-	1,722	5,362	-	-	1,121	2,979	7,448	17,289	2,028	7,591	52,077	122,757
1993	645	-	2	4,626	1,540	11,526	314	20	708	1,797	163	1	1,331	6,621	403	-	1,043	11,821	4,403	22,883	1,484	6,351	39,545	117,228
1994	559	-	4	4,315	2,031	11,587	610	867	1,946	1,138	241	1	1,261	7,317	459	854	615	16,308	4,331	25,937	5,143	5,992	37,927	129,443
1995	490	-	4	5,710	5,116	14,459	958	1,239	2,117	747	531	16	1,720	12,990	464	782	887	24,874	5,888	19,326	7,145	7,868	39,761	153,091
1996	485	-	6	5,677	6,453	12,513	1,385	980	2,808	924	851	11	1,836	6,315	596	760	1,071	23,954	5,888	30,700	3,883	8,351	40,555	156,002
1997	480	-	2	4,973	6,060	11,379	1,265	1,246	3,960	1,317	741	0	2,281	7,842	239	919	1,411	22,190	8,823	26,710	8,146	10,213	35,151	155,349
1998	204	-	2	3,013	2,038	10,538	2,228	337	3,910	1,969	808	11	2,176	3,182	484	734	942	1,726	7,085	25,906	8,221	7,601	11,037	94,153
1999	198	-	0	3,264	2,640	7,358	1,966	445	2,799	1,650	1,617	8	2,164	7,682	437	473	1,538	34,958	7,575	26,518	4,147	5,408	17,358	130,203
2000	79	-	1	3,042	3,176	6,070	1,776	239	2,233	1,673	1,835	-	1,378	10,409	618	607	1,310	27,700	10,275	19,198	4,437	6,647	18,716	121,420
2001	105	-	1	2,759	2,601	4,580	979	88	1,676	1,905	532	2	1,529	4,535	579	515	1,095	16,865	9,284	15,064	4,955	6,527	15,674	91,850
1981-2001 Avg	577	-	4	5,892	3,535	12,412	711	565	1,342	904	516	9	1,521	13,892	226	269	1,992	11,937	8,787	69,083	3,991	7,171	35,369	180,706

TABLE 3.3-3b. Overview of domestic shoreside landings and at-sea deliveries (percent of total exvessel revenue, and total exvessel revenue thousands of inflation adjusted dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) south of Cape Mendocino, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council (1997)).

Year	Lincod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Total Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Wetfish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	0.2	-	0.0	1.5	0.8	2.9	0.1	5.4	0.2	0.3	0.0	0.1	-	0.2	4.1	0.0	-	0.8	2.0	5.5	72.5	0.3	1.3	7.4	452,754
1982	0.3	-	0.0	2.2	1.8	4.8	0.1	9.1	0.1	0.4	0.0	0.1	-	0.3	7.4	0.0	-	0.9	1.7	4.5	62.4	0.4	1.8	10.9	349,468
1983	0.2	-	0.0	2.2	1.5	5.1	0.1	9.2	0.4	0.2	0.0	0.1	-	0.5	2.0	0.0	-	0.7	0.4	3.1	65.8	0.7	2.1	14.5	276,037
1984	0.3	-	0.0	2.9	1.1	6.6	0.2	11.1	0.1	0.1	0.0	0.2	-	0.6	4.8	0.0	-	0.9	0.2	4.6	63.0	1.1	4.3	8.8	226,876
1985	0.3	-	0.0	5.6	1.9	9.0	0.3	17.1	0.0	0.2	0.0	0.5	-	0.6	10.2	-	-	2.5	3.6	4.7	38.0	1.4	3.7	17.4	155,079
1986	0.3	-	0.0	5.3	2.6	9.0	0.2	17.3	0.4	0.1	0.1	0.2	0.0	0.7	11.3	0.0	-	2.1	3.8	4.1	34.6	2.1	4.3	18.9	172,056
1987	0.4	-	0.0	4.8	1.9	7.2	0.2	14.4	0.7	0.1	0.1	0.2	0.0	0.8	15.4	0.0	-	1.7	2.9	3.9	33.4	3.0	3.1	20.3	194,315
1988	0.3	-	0.0	3.2	1.3	5.3	0.1	10.3	0.2	0.1	0.3	0.1	0.0	0.7	22.6	0.0	-	1.1	4.6	3.8	30.6	2.8	3.0	19.7	230,382
1989	0.6	-	0.0	4.0	1.9	8.3	0.1	15.0	0.2	0.2	0.4	0.1	0.0	1.0	9.3	-	-	1.4	5.2	4.5	29.1	1.3	4.5	27.7	174,185
1990	0.6	-	0.0	3.6	1.9	10.4	0.1	16.5	0.2	0.1	0.9	0.1	-	0.8	9.5	0.0	-	1.4	4.0	4.5	18.3	2.2	5.7	35.6	149,438
1991	0.5	-	0.0	4.7	2.0	8.8	0.1	16.1	0.1	0.2	1.0	0.1	0.0	1.1	7.5	0.2	-	1.5	5.2	6.0	13.2	2.0	5.5	40.3	142,743
1992	0.5	-	0.0	4.8	2.5	11.1	0.2	19.1	0.0	0.4	0.9	0.1	-	1.4	4.4	-	-	0.9	2.4	6.1	14.1	1.7	6.2	42.4	122,757
1993	0.5	-	0.0	3.9	1.3	9.8	0.3	15.9	0.0	0.6	1.5	0.1	0.0	1.1	5.6	0.3	-	0.9	10.1	3.8	19.5	1.3	5.4	33.7	117,228
1994	0.4	-	0.0	3.3	1.6	9.0	0.5	14.8	0.7	1.5	0.9	0.2	0.0	1.0	5.7	0.4	0.7	0.5	12.6	3.3	20.0	4.0	4.6	29.3	129,443
1995	0.3	-	0.0	3.7	3.3	9.4	0.6	17.5	0.8	1.4	0.5	0.3	0.0	1.1	8.5	0.3	0.5	0.6	16.2	3.8	12.6	4.7	5.1	26.0	153,091
1996	0.3	-	0.0	3.6	4.1	8.0	0.9	17.0	0.6	1.8	0.6	0.5	0.0	1.2	4.0	0.4	0.5	0.7	15.4	3.8	19.7	2.5	5.4	26.0	156,002
1997	0.3	-	0.0	3.2	3.9	7.3	0.8	15.6	0.8	2.5	0.8	0.5	0.0	1.5	5.0	0.2	0.6	0.9	14.3	5.7	17.2	5.2	6.6	22.6	155,349
1998	0.2	-	0.0	3.2	2.2	11.2	2.4	19.1	0.4	4.2	2.1	0.9	0.0	2.3	3.4	0.5	0.8	1.0	1.8	7.5	27.5	8.7	8.1	11.7	94,153
1999	0.2	-	0.0	2.5	2.0	5.7	1.5	11.8	0.3	2.1	1.3	1.2	0.0	1.7	5.9	0.3	0.4	1.2	26.8	5.8	20.4	3.2	4.2	13.3	130,203
2000	0.1	-	0.0	2.5	2.6	5.0	1.5	11.6	0.2	1.8	1.4	1.5	-	1.1	8.6	0.5	0.5	1.1	22.8	8.5	15.8	3.7	5.5	15.4	121,420
2001	0.1	-	0.0	3.0	2.8	5.0	1.1	12.0	0.1	1.8	2.1	0.6	0.0	1.7	4.9	0.6	0.6	1.2	18.4	10.1	16.4	5.4	7.1	17.1	91,850
1981-2001 Avg	0.3	-	0.0	3.3	2.0	6.9	0.4	12.8	0.3	0.7	0.5	0.3	0.0	0.8	7.7	0.1	0.1	1.1	6.6	4.9	38.2	2.2	4.0	19.6	180,706

TABLE 3.3-4a. Overview of domestic shoreside landings and at-sea deliveries (exvessel revenue, thousands of inflation adjusted dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) coastwide, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Wetfish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	2,903	21,422	246	25,912	9,184	39,021	1,322	35,215	1,362	66	289	718	990	55,498	0	0	3,636	8,873	24,774	349,001	31,894	5,940	50,397	668,663
1982	3,438	19,535	299	32,484	16,932	43,603	1,144	23,511	1,336	144	259	713	907	61,603	41	0	3,123	5,897	15,868	221,464	29,896	6,494	44,789	533,482
1983	3,612	20,220	295	28,053	12,166	37,607	836	15,427	585	21	223	1,273	1,470	14,378	41	0	1,836	1,325	8,637	186,543	37,056	6,054	45,837	423,496
1984	3,332	17,907	619	24,956	10,196	33,727	972	6,904	331	1	499	1,686	1,368	16,394	15	0	2,131	762	10,452	145,062	33,250	10,227	26,708	347,498
1985	3,314	6,850	845	27,559	15,625	34,348	852	14,270	362	69	714	1,814	876	30,866	0	0	3,947	6,012	7,218	62,210	36,425	6,182	33,885	294,242
1986	1,912	15,351	654	25,224	15,902	37,166	694	44,838	171	170	339	3,603	1,252	36,460	23	0	3,594	6,553	7,031	65,121	32,872	7,685	33,865	340,484
1987	3,026	20,629	934	31,285	18,887	43,715	2,742	65,474	286	248	294	1,759	1,501	64,825	33	0	3,211	5,572	7,750	69,272	36,210	7,285	40,957	425,895
1988	2,909	30,545	1,546	28,308	17,014	39,914	3,050	39,651	327	605	210	1,505	1,696	92,630	44	0	2,635	10,710	8,795	80,405	59,221	7,838	47,483	477,042
1989	3,628	38,346	1,404	26,897	14,150	42,122	2,058	37,505	282	659	231	1,131	1,756	35,066	0	0	2,515	9,125	7,891	52,354	52,291	8,268	53,446	391,125
1990	2,889	28,485	1,323	21,762	12,186	40,988	1,240	33,522	200	1,389	128	1,141	1,242	27,707	46	0	2,080	5,989	6,837	31,125	57,515	9,065	60,424	347,283
1991	2,998	28,597	2,923	25,924	17,485	35,290	2,036	28,561	271	1,451	180	1,314	1,522	17,330	228	0	2,155	7,426	8,618	21,017	26,168	8,370	63,324	303,188
1992	1,931	21,460	7,029	19,649	16,283	37,761	2,195	32,597	517	1,049	156	1,238	1,723	11,073	0	0	1,122	2,982	7,489	31,264	46,441	8,014	56,861	308,835
1993	2,147	8,225	3,307	17,062	11,642	37,837	2,063	19,159	709	1,797	163	1,130	1,333	10,388	411	0	1,052	11,857	4,448	36,209	49,707	6,939	44,357	271,941
1994	2,758	14,731	5,587	14,888	15,914	40,796	2,305	22,016	1,952	1,139	241	1,034	1,272	8,270	483	854	616	16,369	4,422	42,699	59,941	6,541	40,900	305,726
1995	1,877	11,370	8,724	17,141	26,368	44,149	1,920	20,176	2,117	747	531	754	1,747	17,225	464	782	889	24,921	5,987	30,272	70,808	8,440	43,260	340,667
1996	1,994	14,899	5,593	17,082	28,363	37,024	2,125	19,901	2,823	924	851	837	1,903	10,226	596	760	1,076	23,994	5,971	49,928	81,432	8,861	42,992	360,158
1997	1,869	20,621	8,768	15,387	29,949	29,955	2,196	16,355	3,998	1,327	741	957	2,342	10,856	249	924	1,413	22,246	8,873	43,526	55,707	11,310	37,388	326,957
1998	762	14,364	5,141	13,277	12,074	26,522	3,126	5,360	3,923	1,972	808	842	2,236	6,060	484	735	946	1,730	7,279	42,731	49,105	9,186	12,113	220,776
1999	748	12,268	7,190	14,315	17,898	21,450	2,665	13,418	2,807	1,650	1,617	1,007	2,177	10,138	437	473	1,551	34,958	7,752	34,556	70,362	6,454	18,692	284,585
2000	353	11,137	8,154	14,304	20,796	17,802	2,700	13,251	2,233	1,673	1,835	1,237	1,380	14,266	619	607	1,310	27,704	12,212	33,705	63,088	8,387	20,718	279,472
2001	387	10,569	5,748	12,631	17,512	12,880	1,957	10,293	1,703	1,905	532	1,474	1,545	10,578	581	515	1,095	16,866	12,322	31,505	51,301	8,515	17,890	230,303
1-2001 Avg	2,323	18,454	3,635	21,624	16,978	34,937	1,914	24,638	1,347	905	516	1,294	1,535	26,754	228	269	1,997	11,994	9,077	79,046	49,081	7,907	39,823	356,277

NOTE 1: This table includes some catch from the WOC ocean area (0-200 miles) for which it could not be determined whether the landing occurred north or south of Cape Mendocino.

NOTE 2: For 1981-1990, at-sea whiting catch estimates are from Council 1987 and value estimates are based on shoreside prices.

TABLE 3.3-4b. Overview of domestic shoreside landings and at-sea deliveries (**percent** of total **exvessel revenue**, and total exvessel revenue in thousands of inflation adjusted dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) **coastwide**, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data and Council [1997]).

Year	Lincod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Total Groundfish	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Hailbut	California Hailbut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
1981	0.4	3.2	0.0	3.9	1.4	5.8	0.2	15.0	5.3	0.2	0.0	0.0	0.1	0.1	8.3	0.0	-	0.5	1.3	3.7	52.2	4.8	0.9	7.5	668,663
1982	0.6	3.7	0.1	6.1	3.2	8.2	0.2	22.0	4.4	0.3	0.0	0.0	0.1	0.2	11.5	0.0	-	0.6	1.1	3.0	41.5	5.6	1.2	8.4	533,482
1983	0.9	4.8	0.1	6.6	2.9	8.9	0.2	24.3	3.6	0.1	0.0	0.1	0.3	0.3	3.4	0.0	-	0.4	0.3	2.0	44.0	8.8	1.4	10.8	423,496
1984	1.0	5.2	0.2	7.2	2.9	9.7	0.3	26.4	2.0	0.1	0.0	0.1	0.5	0.4	4.7	0.0	-	0.6	0.2	3.0	41.7	9.6	2.9	7.7	347,498
1985	1.1	2.3	0.3	9.4	5.3	11.7	0.3	30.4	4.8	0.1	0.0	0.2	0.6	0.3	10.5	-	-	1.3	2.0	2.5	21.1	12.4	2.1	11.5	294,242
1986	0.6	4.5	0.2	7.4	4.7	10.9	0.2	28.5	13.2	0.1	0.0	0.1	1.1	0.4	10.7	0.0	-	1.1	1.9	2.1	19.1	9.7	2.3	9.9	340,484
1987	0.7	4.8	0.2	7.3	4.4	10.3	0.6	28.5	15.4	0.1	0.1	0.1	0.4	0.4	15.2	0.0	-	0.8	1.3	1.8	16.3	8.5	1.7	9.6	425,895
1988	0.6	6.4	0.3	5.9	3.6	8.4	0.6	25.8	8.3	0.1	0.1	0.0	0.3	0.4	19.4	0.0	-	0.6	2.2	1.8	16.9	12.4	1.6	10.0	477,042
1989	0.9	9.8	0.4	6.9	3.6	10.8	0.5	32.9	9.6	0.1	0.2	0.1	0.3	0.4	9.0	-	-	0.6	2.3	2.0	13.4	13.4	2.1	13.7	391,125
1990	0.8	8.2	0.4	6.3	3.5	11.8	0.4	31.3	9.7	0.1	0.4	0.0	0.3	0.4	8.0	0.0	-	0.6	1.7	2.0	9.0	16.6	2.6	17.4	347,283
1991	1.0	9.4	1.0	8.6	5.8	11.6	0.7	38.0	9.4	0.1	0.5	0.1	0.4	0.5	5.7	0.1	-	0.7	2.4	2.8	6.9	8.6	2.8	20.9	303,188
1992	0.6	6.9	2.3	6.4	5.3	12.2	0.7	34.4	10.6	0.2	0.3	0.1	0.4	0.6	3.6	-	-	0.4	1.0	2.4	10.1	15.0	2.6	18.4	308,835
1993	0.8	3.0	1.2	6.3	4.3	13.9	0.8	30.3	7.0	0.3	0.7	0.1	0.4	0.5	3.8	0.2	-	0.4	4.4	1.6	13.3	18.3	2.6	16.3	271,941
1994	0.9	4.8	1.8	4.9	5.2	13.3	0.8	31.7	7.2	0.6	0.4	0.1	0.3	0.4	2.7	0.2	0.3	0.2	5.4	1.4	14.0	19.6	2.1	13.4	305,726
1995	0.6	3.3	2.6	5.0	7.7	13.0	0.6	32.7	5.9	0.6	0.2	0.2	0.2	0.5	5.1	0.1	0.2	0.3	7.3	1.8	8.9	20.8	2.5	12.7	340,667
1996	0.6	4.1	1.6	4.7	7.9	10.3	0.6	29.7	5.5	0.8	0.3	0.2	0.2	0.5	2.8	0.2	0.2	0.3	6.7	1.7	13.9	22.6	2.5	11.9	360,158
1997	0.6	6.3	2.7	4.7	9.2	9.2	0.7	33.3	5.0	1.2	0.4	0.2	0.3	0.7	3.3	0.1	0.3	0.4	6.8	2.7	13.3	17.0	3.5	11.4	326,957
1998	0.3	6.5	2.3	6.0	5.5	12.0	1.4	34.1	2.4	1.8	0.9	0.4	0.4	1.0	2.7	0.2	0.3	0.4	0.8	3.3	19.4	22.2	4.2	5.5	220,776
1999	0.3	4.3	2.5	5.0	6.3	7.5	0.9	26.9	4.7	1.0	0.6	0.6	0.4	0.8	3.6	0.2	0.2	0.5	12.3	2.7	12.1	24.7	2.3	6.6	284,585
2000	0.1	4.0	2.9	5.1	7.4	6.4	1.0	26.9	4.7	0.8	0.6	0.7	0.4	0.5	5.1	0.2	0.2	0.5	9.9	4.4	12.1	22.6	3.0	7.4	279,472
2001	0.2	4.6	2.5	5.5	7.6	5.6	0.8	26.8	4.5	0.7	0.8	0.2	0.6	0.7	4.6	0.3	0.2	0.5	7.3	5.4	13.7	22.3	3.7	7.8	230,303
1981-2001 Avg	0.7	5.2	1.0	6.1	4.8	9.8	0.5	28.0	6.9	0.4	0.3	0.1	0.4	0.4	7.5	0.1	0.1	0.6	3.4	2.5	22.2	13.8	2.2	11.2	356,277

NOTE 1: This table includes some catch from the WOC ocean area (0-200 miles) for which it could not be determined whether the landing occurred north or south of Cape Mendocino.

NOTE 2: For 1981-1990, at-sea whiting catch estimates are from Council 1987 and value estimates are based on shoreside prices.

TABLE 3.3-4c. Overview of domestic shoreside landings and at-sea deliveries (total exvessel revenue in thousands of inflation adjusted (2001) dollars) from West Coast (Washington, Oregon, California) ocean area fisheries (0-200 miles) north and south of Cape Mendocino and by state, 1981-2001 (includes commercial tribal fisheries, based on PacFIN data (August, 2002) and Council (1997)).

Year	All Groundfish							All Species						
	At-Sea Included			Not Including At Sea				At-Sea Included			Not Including At Sea			
	North of Cape Mendo	South of Cape Mendo	WA	OR	CA	Total	Total with At-Sea	North of Cape Mendo	South of Cape Mendo	WA	OR	CA	Total	Total with At-Sea
1981	75,626	24,386	16,035	25,399	37,155	78,589	100,011	215,873	452,754	49,998	97,998	499,245	647,241	668,663
1982	85,664	31,772	18,767	33,149	45,984	97,900	117,435	183,942	349,468	45,052	81,054	387,841	513,947	533,482
1983	77,313	25,477	17,826	29,014	35,729	82,569	102,790	147,235	276,037	44,130	58,487	300,658	403,275	423,496
1984	66,561	25,149	15,836	22,974	34,992	73,802	91,709	120,235	226,876	33,178	45,885	250,528	329,591	347,498
1985	62,840	26,553	18,418	25,283	38,843	82,543	89,393	137,596	155,079	40,774	62,109	184,509	287,392	294,242
1986	67,114	29,789	15,525	24,311	41,715	81,552	96,903	167,471	172,056	41,981	77,899	205,253	325,132	340,484
1987	93,205	28,013	23,372	34,028	43,188	100,588	121,217	229,400	194,315	57,483	116,430	231,353	405,266	425,895
1988	99,646	23,641	21,355	32,561	38,826	92,742	123,287	244,355	230,382	67,159	107,893	271,446	446,497	477,042
1989	102,508	26,097	17,806	33,058	39,394	90,259	128,604	215,951	174,185	55,233	93,831	203,716	352,780	391,125
1990	84,246	24,627	14,504	29,308	36,575	80,388	108,873	196,999	149,438	48,083	84,778	185,937	318,798	347,283
1991	92,211	23,042	17,165	36,317	33,173	86,655	115,253	160,120	142,743	36,899	70,817	166,875	274,590	303,188
1992	82,887	23,418	13,638	37,082	34,128	84,848	106,307	185,908	122,757	45,263	85,305	156,807	287,375	308,835
1993	63,629	18,653	12,703	33,726	27,628	74,057	82,283	154,518	117,228	47,670	67,711	148,335	263,716	271,941
1994	77,872	19,106	17,098	37,166	27,983	82,247	96,977	176,100	129,443	53,800	72,159	165,037	290,996	305,726
1995	84,812	26,736	19,802	42,119	38,256	100,178	111,548	187,465	153,091	65,391	84,816	179,090	329,297	340,667
1996	80,561	26,519	17,834	37,300	37,046	92,181	107,080	203,993	156,002	66,293	89,236	189,729	345,258	360,158
1997	84,585	24,158	17,520	36,291	34,307	88,118	108,743	171,485	155,349	47,956	72,903	185,470	306,328	326,957
1998	57,242	18,024	11,494	24,202	25,053	60,750	75,266	126,454	94,153	38,051	51,964	116,187	206,202	220,776
1999	61,107	15,426	12,949	28,828	22,065	63,842	76,533	154,332	130,203	48,636	69,921	153,337	271,894	284,585
2000	61,103	14,143	11,599	30,550	21,574	63,724	75,246	157,934	121,420	47,234	79,652	141,058	267,944	279,472
2001	50,659	11,025	10,809	23,392	16,664	50,866	61,684	138,307	91,850	48,123	66,860	104,493	219,477	230,303

NOTE: Includes at-sea whiting and tribal landings.

TABLE 3.3-5a. Number of vessels landing at least one pound of the species or species group, from West Coast ocean areas, 1981-2001 (na = not available).

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
North of Cape Mendocino																									
1981	1,876	na	22	454	482	3,286	316	3,431	316	1	0	0	250	10	6,641	0	0	1	10	1	1,002	1,057	4	524	7,544
1982	1,938	na	23	458	515	2,856	306	3,024	223	1	0	0	240	16	6,037	0	0	3	13	4	265	1,056	7	459	6,885
1983	1,628	na	53	446	484	2,532	372	2,682	160	1	0	0	212	10	5,428	0	0	4	16	57	717	946	32	530	6,371
1984	1,054	na	51	362	401	1,347	304	1,434	97	0	0	0	209	3	1,624	0	0	3	15	4	257	926	42	412	2,827
1985	1,276	na	44	363	430	1,721	330	1,857	123	0	0	0	237	7	3,451	0	0	10	18	3	210	925	27	373	4,590
1986	1,334	na	63	396	472	1,986	417	2,102	207	0	0	0	315	10	3,807	0	0	14	10	3	205	875	16	397	4,789
1987	1,596	na	69	491	487	2,440	605	2,599	241	0	0	0	313	15	3,150	0	0	24	8	90	282	917	22	501	4,505
1988	1,530	na	49	416	460	2,193	613	2,325	233	0	0	0	211	18	2,756	0	0	3	5	74	458	1,038	25	554	4,078
1989	1,618	na	20	416	429	2,250	478	2,374	247	2	0	0	176	23	2,938	0	0	2	5	2	204	1,016	14	578	4,294
1990	1,372	na	27	395	447	2,018	447	2,106	243	0	0	0	181	15	2,485	0	0	3	3	154	282	1,053	18	442	3,854
1991	1,080	52	32	393	474	1,612	437	1,744	226	0	0	0	192	9	2,051	0	0	4	3	35	128	1,023	24	463	3,541
1992	1,096	47	39	395	638	1,527	471	1,645	253	1	2	0	211	7	1,203	0	0	4	10	11	578	1,052	33	477	2,958
1993	1,021	24	33	383	585	1,356	464	1,450	224	1	0	0	282	13	1,066	5	0	5	9	17	576	1,055	53	447	2,716
1994	811	52	42	400	549	965	431	1,090	224	2	1	0	234	20	395	11	0	5	20	38	681	1,045	52	370	2,198
1995	759	45	51	381	542	967	419	1,067	215	1	0	0	113	28	592	0	1	2	19	35	423	955	52	336	2,121
1996	740	40	53	393	626	990	424	1,093	211	1	1	0	167	38	607	0	0	8	9	32	617	912	40	449	2,166
1997	810	40	68	384	616	1,018	451	1,115	198	3	3	0	261	33	512	4	1	4	53	35	817	815	84	464	1,985
1998	633	35	63	350	524	888	398	966	162	3	2	0	211	27	424	0	1	4	33	49	572	810	59	364	1,761
1999	695	34	52	344	474	810	385	912	156	2	0	0	189	16	427	1	0	5	8	40	472	814	37	380	1,688
2000	590	36	49	311	464	783	402	884	147	0	0	0	206	9	515	1	0	1	32	71	547	780	49	456	1,811
2001	625	31	41	293	454	739	381	868	119	2	1	0	269	15	585	1	1	0	28	71	658	753	63	416	1,755

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TABLE 3.3-5a. Number of vessels landing at least one pound of the species or species group, from West Coast ocean areas, 1981-2001 (na = not available).

TABLE 3-89. Number of vessels landing at least one pound of the species or species group from West Coast ocean areas, 1981-2001 (NA = Not available).																									
Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
South of Cape Mendocino																									
1981	910	0	14	379	177	2,159	468	2,389	37	52	7	22	0	293	2,900	1	0	359	149	324	1,763	236	357	1,820	5,658
1982	986	0	9	407	156	2,255	489	2,474	28	50	7	25	0	319	2,981	13	0	321	130	209	1,233	244	359	1,810	5,375
1983	743	0	13	399	158	1,858	435	2,006	25	40	4	25	0	382	2,322	12	0	348	111	166	1,756	267	427	2,232	4,777
1984	767	0	20	461	172	1,790	468	1,977	27	34	4	27	0	420	2,007	12	0	354	69	164	1,481	283	518	1,684	4,428
1985	788	0	23	481	206	1,727	489	1,951	12	29	10	27	0	388	2,193	0	0	403	138	188	1,222	275	463	1,538	4,401
1986	850	0	31	539	259	1,738	440	1,933	30	27	9	25	1	472	2,198	6	0	430	111	172	898	305	480	1,535	4,314
1987	1,032	0	12	546	245	1,873	452	2,058	38	29	28	28	2	414	2,128	8	0	366	111	228	855	375	469	1,657	4,241
1988	1,012	0	15	509	256	1,803	402	1,961	21	32	41	25	2	406	2,359	11	0	322	130	239	649	425	482	1,630	4,380
1989	1,092	0	29	567	279	1,977	438	2,122	17	24	43	22	0	521	2,364	0	0	295	106	201	625	361	483	1,755	4,503
1990	1,107	0	16	472	268	1,948	423	2,075	13	18	54	18	0	537	1,976	26	0	250	103	254	546	325	510	1,760	4,227
1991	989	0	26	474	270	1,743	420	1,864	15	23	69	20	1	493	1,733	150	0	213	83	208	416	405	508	1,544	4,008
1992	936	0	6	450	305	1,637	488	1,763	10	23	57	18	0	459	1,088	0	0	169	77	439	515	383	461	1,682	3,451
1993	821	0	11	316	204	1,389	432	1,471	6	33	60	17	1	401	1,206	44	0	159	88	288	521	250	397	1,429	3,210
1994	770	0	13	362	237	1,321	493	1,407	37	54	64	22	1	396	997	50	275	112	87	255	461	327	406	1,261	3,094
1995	800	0	10	364	291	1,229	569	1,350	49	54	44	41	3	446	1,171	66	316	98	112	229	426	300	405	1,148	3,076
1996	776	0	26	322	334	1,251	682	1,379	36	52	41	36	3	435	941	68	388	91	143	245	486	264	375	1,190	2,998
1997	739	0	6	370	326	1,167	740	1,361	38	58	56	26	3	435	818	68	341	102	129	233	775	275	372	1,229	2,907
1998	544	0	12	326	273	1,049	587	1,150	28	50	55	35	3	390	640	71	280	98	79	212	639	290	358	1,024	2,448
1999	507	0	10	341	273	1,003	534	1,111	27	48	58	30	6	383	641	70	297	97	151	146	630	241	366	977	2,465
2000	340	0	12	296	237	910	565	1,022	17	45	38	39	0	371	736	56	245	97	149	183	553	228	351	977	2,360
2001	335	0	9	284	215	699	431	829	9	42	42	27	2	378	672	58	190	74	118	147	590	236	323	922	2,182
January 2003																									

TABLE 3.3-5a. Number of vessels landing at least one pound of the species or species group, from West Coast ocean areas, 1981-2001 (na = not available).

2003 GROUNDFISH ANNUAL SPECS FEIS	Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
3-90	Coastwide ^a																									
	1981	2,715	na	36	816	639	5,281	781	5,635	337	52	7	22	250	303	9,207	1	0	359	159	326	2,390	1,258	361	2,332	12,441
	1982	2,786	na	32	841	651	4,856	790	5,203	234	50	7	25	240	335	8,637	13	0	324	143	213	1,432	1,274	365	2,259	11,672
	1983	2,318	na	66	812	616	4,260	797	4,552	179	41	4	25	212	392	7,644	12	0	352	126	223	2,312	1,178	465	2,741	10,778
	1984	1,776	na	71	793	543	3,018	764	3,285	120	34	4	27	209	422	3,537	12	0	356	84	168	1,650	1,171	562	2,090	6,934
	1985	2,010	na	67	808	604	3,325	813	3,664	135	29	10	27	237	395	5,551	0	0	411	156	191	1,361	1,158	489	1,903	8,619
	1986	2,105	na	94	894	680	3,542	849	3,827	236	27	9	25	316	479	5,722	6	0	440	121	175	1,013	1,113	497	1,918	8,562
	1987	2,530	na	81	997	697	4,065	1,031	4,377	270	29	28	28	314	428	4,996	8	0	384	119	318	1,075	1,235	492	2,137	8,227
	1988	2,444	na	64	900	683	3,783	1,005	4,053	249	32	41	25	213	422	4,778	11	0	325	135	312	1,043	1,418	508	2,157	7,906
	1989	2,609	na	48	964	690	4,033	910	4,290	261	26	43	22	176	543	4,990	0	0	297	110	203	782	1,335	499	2,324	8,262
	1990	2,379	na	43	847	689	3,765	864	3,971	250	18	54	18	181	552	4,274	26	0	252	106	408	798	1,349	530	2,180	7,654
	1991	1,987	52	58	833	708	3,182	846	3,428	240	23	69	20	193	500	3,607	150	0	215	86	243	522	1,363	533	1,976	7,146
	1992	1,986	47	45	811	905	3,086	949	3,326	263	24	57	18	211	465	2,266	0	0	170	85	448	1,004	1,389	492	2,113	6,138
	1993	1,810	24	44	676	764	2,684	883	2,857	230	34	60	17	283	414	2,232	49	0	163	97	304	987	1,260	452	1,828	5,617
	1994	1,523	52	55	714	735	2,183	899	2,385	237	56	65	22	235	415	1,346	61	275	113	106	294	1,035	1,282	458	1,598	4,876
	1995	1,507	45	61	701	773	2,096	955	2,294	240	55	44	41	116	470	1,690	66	316	98	131	264	772	1,207	456	1,474	4,843
	1996	1,459	40	65	669	897	2,126	1,067	2,329	227	52	42	36	170	467	1,487	68	388	92	152	277	988	1,129	416	1,619	4,756
	1997	1,491	40	74	684	881	2,076	1,143	2,319	210	58	59	26	264	466	1,290	72	342	102	182	268	1,456	1,044	454	1,669	4,511
	1998	1,094	35	75	585	707	1,802	955	1,972	180	52	56	35	213	416	1,043	71	281	100	112	261	1,142	1,031	421	1,372	3,913
	1999	1,145	34	62	598	668	1,698	894	1,902	170	50	58	30	194	399	1,024	71	297	102	159	186	1,031	1,022	404	1,344	3,865
	2000	916	36	61	574	667	1,633	952	1,841	158	45	38	39	206	379	1,180	57	245	98	180	252	1,005	969	401	1,412	3,886
	2001	944	31	50	545	636	1,393	790	1,643	126	44	43	27	271	392	1,176	59	191	74	146	212	1,155	958	384	1,316	3,657

a/ Vessels harvesting in West Coast ocean areas (0-200 mile off Washington, Oregon, California) for which a more specific area of harvest was not recorded are included in the West Coast totals but not in the totals for the north and south of Cape Mendocino areas.

TABLE 3.3-5b. Number of vessels landing more than \$1,000 of the species or species group, from West Coast ocean areas^a (\$1,000 threshold not adjusted for inflation), 1981-2001. (na = not available). (Page 1 of 3)

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weftish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
North of Cape Mendocino																									
1981	181	na	8	248	171	414	51	489	305	0	0	0	34	0	3,158	0	0	0	0	0	761	867	0	144	4,171
1982	251	na	11	283	261	456	51	570	216	0	0	0	48	0	2,826	0	0	0	1	0	211	795	1	80	3,671
1983	243	na	20	284	259	478	48	585	149	0	0	0	49	0	1,174	0	0	2	4	1	394	746	4	84	2,208
1984	245	na	12	262	242	385	61	490	87	0	0	0	67	0	639	0	0	1	9	0	186	759	12	66	1,659
1985	211	na	21	238	275	414	40	514	119	0	0	0	65	0	1,105	0	0	0	11	0	165	728	2	56	2,067
1986	186	na	19	237	280	458	41	566	204	0	0	0	102	0	1,501	0	0	0	1	2	161	722	2	55	2,365
1987	239	na	24	269	297	544	147	652	240	0	0	0	96	0	1,897	0	0	0	0	2	219	735	2	70	2,796
1988	230	na	15	258	316	480	162	604	227	0	0	0	65	1	1,987	0	0	0	0	2	397	823	5	93	3,026
1989	261	na	14	250	277	499	140	629	244	2	0	0	65	2	1,674	0	0	0	1	2	144	816	3	78	2,688
1990	255	na	17	251	279	534	107	642	239	0	0	0	76	2	1,336	0	0	0	0	2	205	881	7	95	2,462
1991	196	52	22	246	355	496	126	692	223	0	0	0	111	0	939	0	0	0	0	3	106	848	10	98	2,217
1992	174	47	29	238	460	518	120	747	252	0	1	0	124	0	560	0	0	0	1	3	496	904	16	100	2,071
1993	191	24	23	246	365	516	151	645	221	0	0	0	156	0	435	2	0	1	3	5	501	938	23	85	1,959
1994	211	52	34	236	346	473	137	619	216	0	0	0	133	2	157	4	0	0	7	11	579	946	19	64	1,788
1995	188	43	40	224	388	466	97	615	210	0	0	0	55	4	340	0	0	1	3	5	331	870	27	87	1,741
1996	189	40	40	231	448	469	99	652	207	1	0	0	76	7	377	0	0	1	3	6	544	854	15	140	1,822
1997	199	40	49	196	434	461	92	645	193	3	1	0	98	10	307	2	1	0	12	3	665	768	42	187	1,693
1998	144	35	46	184	351	430	111	547	151	2	1	0	69	7	278	0	0	1	1	22	488	757	42	106	1,529
1999	177	34	39	201	359	434	110	553	153	2	0	0	84	4	272	0	0	1	0	6	400	764	25	149	1,477
2000	81	36	38	167	379	358	109	529	141	0	0	0	109	0	358	0	0	0	0	30	471	750	33	199	1,590
2001	94	30	32	163	374	350	126	527	117	2	0	0	125	3	436	0	0	0	0	50	565	703	47	180	1,554

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TABLE 3.3-5b. Number of vessels landing more than \$1,000 of the species or species group, from West Coast ocean areas^a (\$1,000 threshold not adjusted for inflation), 1981-2001. (na = not available). (Page 3 of 3)

33 GROUND FISH ANNUAL SPECS FEIS																									
3-93																									
Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
Coastwide ^b																									
1981	259	na	9	356	244	873	95	1,017	315	38	5	11	34	62	4,501	0	0	185	91	86	1,649	956	193	1,042	7,161
1982	335	na	12	391	327	972	95	1,135	221	32	5	13	48	75	4,431	5	0	181	87	74	879	901	194	948	6,887
1983	326	na	20	393	312	953	83	1,096	160	30	3	17	49	122	2,015	6	0	156	65	72	1,368	849	232	914	4,753
1984	311	na	13	380	293	841	107	1,007	103	18	0	20	67	138	1,628	4	0	164	44	76	1,001	862	262	879	4,306
1985	283	na	22	343	336	833	95	1,010	122	11	5	21	65	104	2,353	0	0	233	101	62	808	838	236	868	4,797
1986	269	na	19	343	355	932	94	1,126	221	15	5	22	103	143	2,805	4	0	234	62	62	605	833	251	890	5,143
1987	356	na	25	359	364	985	200	1,164	253	12	17	20	97	121	3,354	4	0	212	63	70	680	930	223	1,024	5,760
1988	345	na	15	354	387	937	205	1,119	235	18	25	16	67	111	3,749	7	0	186	84	62	730	1,073	240	1,002	6,240
1989	383	na	16	359	388	1,006	185	1,220	250	17	22	17	65	142	3,163	0	0	172	78	64	447	1,006	264	1,070	5,731
1990	368	na	19	354	386	1,071	144	1,239	242	11	33	13	76	144	2,595	9	0	144	60	71	459	1,065	304	1,045	5,323
1991	304	52	24	339	460	1,050	164	1,301	229	9	47	11	111	122	1,995	36	0	125	63	76	325	1,072	319	997	4,916
1992	265	47	30	319	578	1,059	163	1,357	253	11	40	9	124	111	1,226	0	0	94	47	71	676	1,085	299	990	4,378
1993	272	24	23	323	448	1,006	207	1,182	224	15	41	11	157	85	1,210	25	0	74	70	68	690	1,048	287	878	4,133
1994	304	52	36	331	434	948	229	1,162	223	39	40	10	133	119	839	41	81	51	72	79	779	1,113	275	772	3,863
1995	263	43	41	316	554	921	226	1,156	226	29	34	29	57	146	1,205	43	69	60	98	87	519	1,075	295	769	3,981
1996	267	40	40	313	643	931	291	1,229	220	29	33	25	77	157	977	44	68	55	129	99	761	1,020	255	826	3,883
1997	272	40	50	275	633	916	287	1,234	204	41	44	18	98	175	912	33	71	61	121	93	1,027	964	299	854	3,776
1998	200	35	46	260	473	835	317	1,030	159	38	41	24	70	145	715	40	60	56	59	90	759	947	305	634	3,253
1999	234	34	39	283	482	848	307	1,060	163	39	38	27	87	151	767	35	71	59	124	78	736	930	266	676	3,303
2000	98	36	38	239	522	757	324	1,026	149	33	28	33	109	130	938	36	55	59	114	102	719	913	275	730	3,367
2001	117	30	32	224	505	671	274	941	118	30	35	21	126	143	883	43	50	48	96	116	860	888	265	659	3,140
a/ The \$1,000 threshold was applied for each area independently and for the coast as a whole. In a few situations, vessels that did not meet the threshold for an area did meet the threshold when all West Coast purchases were taken into account.																									
b/ Vessels harvesting in West Coast ocean areas (0-200 mile off Washington, Oregon, California) for which a more specific area of harvest was not recorded are included in the West Coast totals but not in the totals for the north and south of Cape Mendocino areas.																									
January 2003																									

TABLE 3.3-6a. Number of buyers purchasing at least one pound of the species or species group, from West Coast ocean areas, 1981-2001 (na = not available). (Page 1 of 3)

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
North of Cape Mendocino																									
1981	181	na	10	107	111	217	78	229	71	2	0	0	70	7	263	0	0	1	8	1	123	176	34	170	440
1982	192	na	9	100	123	230	79	251	65	1	0	0	77	8	252	0	0	7	8	4	94	170	36	165	450
1983	197	na	16	94	108	231	76	257	54	1	0	0	61	9	301	0	0	6	17	11	147	164	40	161	487
1984	173	na	18	85	102	196	72	224	37	0	0	0	88	3	167	0	0	3	8	5	100	154	57	144	406
1985	174	na	21	89	104	199	68	227	34	0	0	0	89	6	224	0	0	6	11	4	98	152	45	152	431
1986	149	na	19	72	98	185	69	197	44	0	0	0	82	9	232	0	0	9	7	3	86	154	46	143	414
1987	151	na	17	78	74	184	82	196	41	0	0	0	58	6	197	0	0	13	5	12	107	137	40	113	396
1988	157	na	16	71	77	187	93	205	38	0	0	0	49	9	177	0	0	3	3	14	99	167	38	117	383
1989	166	na	9	71	72	195	74	215	34	2	0	0	63	8	211	0	0	2	4	2	96	186	42	126	437
1990	161	na	15	65	85	191	83	204	35	0	0	0	57	5	175	0	0	3	3	19	110	179	40	133	424
1991	138	16	20	63	68	169	78	202	36	0	0	0	62	6	160	0	0	5	3	10	84	164	41	132	409
1992	145	26	17	63	76	190	72	226	39	1	2	0	71	4	121	0	0	3	5	9	133	170	41	130	420
1993	129	17	16	67	88	159	83	189	37	1	0	0	77	7	129	2	0	2	7	10	169	205	55	116	456
1994	129	17	18	68	81	159	77	195	41	2	2	0	71	16	70	1	0	6	13	19	153	209	55	137	424
1995	118	17	18	65	84	152	79	180	41	1	0	0	59	13	89	0	1	2	7	16	109	192	41	119	382
1996	126	16	17	65	88	157	87	189	42	3	1	0	69	19	120	0	0	7	6	13	138	183	49	110	391
1997	133	16	20	62	86	169	90	197	36	7	3	0	69	17	104	2	1	4	16	22	161	164	67	87	379
1998	112	13	20	59	80	153	76	166	33	4	2	0	87	11	99	0	1	4	11	25	219	182	64	81	435
1999	109	12	19	52	82	126	71	148	29	3	0	0	78	7	119	1	0	3	6	20	166	175	53	101	400
2000	113	14	15	55	82	144	83	165	26	0	0	0	81	3	138	1	0	2	12	30	149	164	58	92	386

TABLE 3.3-6a. Number of buyers purchasing at least one pound of the species or species group, from West Coast ocean areas, 1981-2001 (na = not available). (Page 2 of 3)

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
2001	111	12	16	50	70	134	71	149	22	3	1	0	91	4	185	2	1	0	12	29	175	181	68	97	440
South of Cape Mendocino																									
1981	125	0	8	131	76	254	132	271	25	31	10	13	0	108	152	1	0	159	60	108	180	68	142	307	465
1982	156	0	9	139	73	279	141	305	20	26	8	14	0	119	194	5	0	154	56	84	198	54	148	330	518
1983	166	0	11	144	73	309	146	321	22	25	6	18	0	147	169	6	0	149	57	75	243	68	154	367	532
1984	169	0	11	155	76	294	140	316	17	24	4	35	0	142	135	5	0	134	43	71	228	88	164	334	508
1985	163	0	12	143	92	265	129	290	9	26	13	32	0	132	131	0	0	144	61	52	200	73	155	310	490
1986	174	0	19	167	111	288	130	317	22	19	16	24	1	141	167	4	0	146	63	56	187	76	146	316	501
1987	188	0	11	146	92	342	125	376	23	18	32	26	3	124	281	5	0	120	62	84	187	103	199	339	761
1988	188	0	13	143	88	347	112	377	12	31	44	22	1	128	252	4	0	114	60	78	168	100	195	331	710
1989	202	0	24	134	111	355	119	388	9	27	47	12	1	146	248	0	0	114	54	87	181	91	196	357	724
1990	197	0	14	130	101	356	114	379	7	14	55	5	0	144	227	8	0	109	59	96	179	90	203	377	716
1991	209	0	19	135	93	338	126	366	9	19	64	12	1	154	204	45	0	90	42	81	140	129	214	352	694
1992	215	0	7	138	103	374	137	385	12	26	64	16	0	146	174	0	0	85	42	127	172	137	217	354	674
1993	192	0	10	124	88	326	124	345	5	28	48	18	1	128	197	18	0	89	37	109	169	110	184	313	638
1994	211	0	13	139	87	341	136	367	18	53	56	25	1	133	188	13	84	68	49	108	142	117	190	333	673
1995	187	0	9	133	74	289	128	311	14	40	37	46	4	134	186	21	79	68	42	102	143	103	161	299	578
1996	183	0	14	117	79	280	130	303	14	46	28	55	2	146	175	14	97	68	43	100	147	88	151	291	577
1997	187	0	4	141	78	313	186	334	18	55	43	39	3	156	190	21	105	74	41	97	208	94	180	309	623
1998	173	0	12	146	98	331	182	353	14	53	48	46	4	178	218	36	104	87	44	113	229	113	209	319	684
1999	165	0	7	150	99	317	163	343	13	44	48	53	5	174	192	34	86	90	55	76	232	107	197	313	675
2000	115	0	13	139	88	288	179	315	11	35	39	52	0	166	200	21	92	78	55	81	203	93	202	316	653

TABLE 3.3-6a. Number of buyers purchasing at least one pound of the species or species group, from West Coast ocean areas, 1981-2001 (na = not available). (Page 3 of 3)

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
2001	124	0	9	131	80	253	139	292	7	40	37	28	2	156	170	24	76	63	43	70	206	99	188	289	589
Coastwide ^{a/}																									
1981	301	na	18	236	184	461	210	488	92	33	10	13	70	115	412	1	0	159	68	109	300	237	177	472	879
1982	338	na	18	237	193	488	218	532	84	27	8	14	77	127	439	5	0	161	64	88	290	221	182	495	934
1983	358	na	27	234	177	528	221	565	75	26	6	18	61	156	460	6	0	155	74	86	385	229	194	523	994
1984	335	na	29	234	174	475	207	524	54	24	4	35	88	144	292	5	0	136	51	76	326	233	222	475	888
1985	330	na	33	223	190	449	193	498	43	26	13	32	89	138	350	0	0	149	72	56	298	220	202	464	897
1986	314	na	38	230	199	454	196	495	66	19	16	24	83	146	385	4	0	155	70	59	270	226	195	457	885
1987	329	na	27	220	161	511	203	557	61	18	32	26	60	128	467	5	0	132	67	96	291	233	244	447	1131
1988	336	na	28	210	160	516	199	564	48	31	44	22	50	133	420	4	0	117	63	92	264	260	238	444	1074
1989	359	na	32	200	176	536	190	588	42	29	47	12	64	151	450	0	0	116	58	89	273	270	242	481	1141
1990	342	na	29	190	176	525	192	558	40	14	55	5	57	146	392	8	0	111	61	115	288	256	250	510	1108
1991	333	16	39	191	155	489	197	547	43	19	64	12	63	156	359	45	0	93	45	91	220	280	259	485	1081
1992	352	26	24	196	172	550	204	596	51	27	65	16	71	149	291	0	0	85	46	134	288	294	257	467	1051
1993	308	17	26	185	166	469	198	517	41	29	48	18	78	133	322	20	0	90	43	117	331	299	241	418	1063
1994	322	17	31	192	157	467	201	524	54	55	58	25	71	145	254	14	84	71	60	125	284	312	245	454	1039
1995	287	17	27	187	142	410	191	455	50	41	37	46	61	139	271	21	79	69	49	117	245	281	198	410	916
1996	285	16	26	169	154	400	195	447	51	47	29	55	70	157	291	14	97	70	49	113	276	254	197	394	912
1997	300	16	24	185	147	445	256	483	48	57	45	39	72	171	290	23	106	75	56	118	360	241	242	392	946
1998	258	13	32	188	158	446	239	480	43	56	50	46	90	186	314	36	104	89	54	135	445	277	270	390	1069
1999	252	12	26	185	164	416	220	464	37	47	48	53	82	180	306	35	86	92	61	95	385	266	247	404	1027
2000	218	14	28	187	159	411	251	458	33	35	39	52	81	167	332	22	92	80	66	110	343	244	257	399	995
2001	226	12	25	175	141	369	202	422	28	42	38	28	93	159	342	26	77	63	54	99	373	269	255	380	987

^{a/} Processors buying from West Coast ocean areas (0-200 mile off Washington, Oregon, California) for which a more specific area of harvest was not recorded are included in the West Coast totals but not in the totals for the north and south of Cape Mendocino areas.

TABLE 3.3-6b. Number of buyers purchasing more than \$1,000 of the species or species group, from West Coast ocean areas^{a/} (\$1,000 threshold not adjusted for inflation), 1981-2001. (na = not available).
(Page 1 of 3)

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
North of Cape Mendocino																									
1981	68	na	4	73	64	106	28	130	63	0	0	0	27	0	153	0	0	0	0	0	93	135	9	87	440
1982	84	na	4	70	87	117	24	143	61	0	0	0	38	0	150	0	0	0	1	0	69	136	9	81	450
1983	74	na	6	68	76	107	22	128	47	0	0	0	29	0	139	0	0	2	5	1	100	134	13	73	487
1984	74	na	5	64	64	86	26	110	33	0	0	0	41	0	106	0	0	1	6	0	75	130	23	74	406
1985	69	na	13	61	75	93	25	117	32	0	0	0	40	0	114	0	0	0	5	0	76	124	16	71	431
1986	61	na	10	55	69	96	26	109	43	0	0	0	41	0	142	0	0	0	1	2	65	123	23	64	414
1987	62	na	8	56	57	95	43	103	41	0	0	0	34	0	137	0	0	0	0	2	76	104	24	52	396
1988	67	na	8	50	63	93	44	109	36	0	0	0	28	1	130	0	0	0	0	2	75	128	25	56	383
1989	63	na	7	44	54	94	38	112	33	2	0	0	32	3	137	0	0	0	1	2	75	142	25	56	437
1990	67	na	11	45	53	93	35	112	34	0	0	0	24	3	120	0	0	0	0	4	83	138	26	68	424
1991	60	16	16	43	50	82	41	113	34	0	0	0	32	1	112	0	0	0	0	3	65	140	25	65	409
1992	60	26	12	45	58	94	39	131	39	0	1	0	50	0	84	0	0	0	1	2	109	151	26	63	420
1993	61	17	11	50	56	97	37	121	36	0	0	0	54	0	75	2	0	1	3	4	133	173	33	65	456
1994	61	17	14	46	55	83	37	113	39	0	0	0	46	2	43	1	0	0	7	7	126	177	30	62	424
1995	62	17	15	47	65	86	33	117	39	0	0	0	45	5	66	0	0	1	2	4	83	160	31	65	382
1996	57	16	13	44	65	89	29	116	40	3	0	0	54	5	87	0	0	2	2	7	112	153	30	63	391
1997	57	16	16	38	64	98	38	126	35	6	1	0	46	5	66	2	1	1	5	4	130	145	49	49	379
1998	42	13	16	33	52	88	32	105	30	1	1	0	50	2	63	0	0	1	2	12	193	153	50	41	435
1999	51	12	14	33	50	79	35	96	29	3	0	0	47	2	81	0	0	2	0	8	128	152	38	45	400
2000	39	14	14	29	53	81	32	95	26	0	0	0	55	0	87	0	0	0	1	15	130	139	43	56	386
2001	36	12	12	30	48	78	33	99	21	2	0	0	62	1	127	0	0	0	0	19	146	151	46	61	440

TABLE 3.3-6b. Number of buyers purchasing more than \$1,000 of the species or species group, from West Coast ocean areas^{a/} (\$1,000 threshold not adjusted for inflation), 1981-2001. (na = not available).
(Page 2 of 3)

TABLE 3.3-6b. Number of buyers purchasing more than \$1,000 of the species or species group, from West Coast ocean areas (\$1,000 threshold not adjusted for inflation), 1981-2001. (na = not available). (Page 2 of 3)																									
Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Groundfish Subtotal	Pink Shrimp	Spot Prawn - Trawl	Spot Prawn - Pot	Ridgeback Prawn - Trawl	Pacific Halibut	California Halibut	Salmon	Sea Cucumber	California Sheephead	Gillnet Complex	CPS Squid	CPS Weffish	HMS	Dungeness Crab	Other Crustaceans	Other Species	Total
South of Cape Mendocino																									
1981	48	0	1	61	39	144	34	152	15	23	6	5	0	40	101	0	0	87	25	38	144	36	95	197	371
1982	48	0	1	56	37	170	44	177	13	23	6	6	0	41	129	1	0	101	29	34	147	34	87	212	417
1983	53	0	0	62	28	192	37	202	9	18	4	8	0	64	111	2	0	88	22	27	161	41	100	221	411
1984	52	0	1	70	38	195	46	209	10	16	0	20	0	75	95	1	0	74	21	32	148	51	103	209	404
1985	44	0	1	71	42	177	51	194	2	10	5	18	0	60	93	0	0	89	35	24	137	42	90	206	392
1986	51	0	0	79	54	186	48	209	10	11	9	16	1	61	122	2	0	92	29	25	132	45	82	194	420
1987	52	0	0	55	42	173	43	187	11	7	23	16	2	53	157	2	0	67	28	33	125	58	123	200	510
1988	51	0	0	52	40	172	28	188	6	19	22	15	1	54	161	2	0	68	29	26	119	65	120	205	507
1989	58	0	2	59	47	182	35	201	5	16	24	6	0	68	144	0	0	70	27	31	122	59	128	210	515
1990	57	0	1	49	48	195	30	205	5	9	31	3	0	64	139	3	0	66	25	37	116	59	136	226	526
1991	68	0	2	57	43	201	36	215	2	14	37	6	0	69	123	7	0	64	21	32	96	86	137	227	510
1992	64	0	1	53	47	212	30	224	1	18	34	9	0	69	109	0	0	52	20	33	113	81	136	215	504
1993	61	0	0	45	44	184	30	198	2	20	30	11	1	61	118	8	0	45	21	38	117	71	116	185	472
1994	62	0	1	44	40	183	37	194	7	35	31	11	0	63	112	6	30	29	28	42	102	80	119	196	467
1995	51	0	1	49	41	163	38	178	9	26	25	30	3	68	133	11	27	36	26	40	98	76	111	177	463
1996	52	0	1	49	43	162	46	178	8	28	20	39	1	72	126	7	29	37	26	40	101	63	99	180	455
1997	49	0	1	48	45	174	58	184	14	35	26	25	0	77	132	9	32	49	26	47	128	69	133	172	480
1998	38	0	1	53	38	202	71	209	4	35	32	35	2	90	145	16	32	49	17	35	141	89	143	151	532
1999	33	0	0	52	44	171	57	192	6	30	29	36	2	90	138	18	31	60	30	31	150	68	126	163	535
2000	23	0	0	45	44	141	51	165	6	26	22	30	0	76	131	8	25	51	24	30	129	64	135	168	493
2001	27	0	0	40	38	122	45	144	1	29	31	19	1	78	112	9	17	43	20	26	136	80	136	144	454

2003 GROUND FISH ANNUAL SPECS FEIS

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2003 GROUNDFISH ANNUAL SPECS FEIS

3-95

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b/ Processors buying from West Coast ocean areas (0-200 mile off Washington, Oregon, California) for which a more specific area of harvest was not recorded are included in the West Coast totals but not in the totals for the north and south of Cape Mendocino areas.

TABLE 3.3-7. Numbers of vessels most involved in West Coast fisheries and the groundfish (GF) fishery and total exvessel revenue for each group (for the November 2000 through October 2001 base period)--to produce this table vessels were ranked from highest to lowest producer (by value), the first ranking (columns) was based on revenue from all species and a second ranking (rows) was based on revenue from groundfish.

Percent of Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)											
Percent of Groundfish Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value	Total	Percent of All Vessels		Percent of Groundfish Vessels		
							Cum Percent		Cum Percent		
Number of Vessels Making The Indicated Amount of Landings											
Top 50% of GF Value	93	0	0	0	0	93	2%	2%	5%	5%	
Next 20% of GF Value	50	30	0	0	0	80	2%	4%	5%	10%	
Next 10% of GF Value	11	32	21	0	0	64	1%	5%	4%	14%	
Next 10% of GF Value	12	16	27	64	4	123	3%	8%	7%	21%	
Final 10% of GF Value	55	116	87	149	934	1,341	29%	37%	79%	100%	
No Groundfish Landings	176	205	197	343	1,957	2,878	63%	100%			
Column Total	397	399	332	556	2,895	4,579					
Percent of All Vessels	9%	9%	7%	12%	63%						
Cum Percent of All Vessels	9%	17%	25%	37%	100%						
Total Groundfish Vessels in Column	221	194	135	213	938	1,701					
GF Vessels as % of Total for Col	56%	49%	41%	38%	32%						
GF Vessels in Column as % of Total Groundfish Vessels	13%	11%	8%	13%	55%						
Cumulative Total	13%	24%	32%	45%	100%						
Exvessel Value of All Landings Made by the Vessels (\$)											
Top 50% of GF Value	33,745,500	0	0	0	0	33,745,500	14%	14%	29%	29%	
Next 20% of GF Value	10,988,899	4,078,778	0	0	0	15,067,678	6%	20%	13%	42%	
Next 10% of GF Value	2,468,990	3,753,095	1,826,571	0	0	8,048,655	3%	23%	7%	49%	
Next 10% of GF Value	2,507,196	1,756,437	1,823,832	2,800,173	124,397	9,012,036	4%	27%	8%	57%	
Next 10% of GF Value	14,092,789	14,038,413	6,359,434	6,581,151	8,701,188	49,772,974	20%	47%	43%	100%	
No Groundfish Landings	57,721,771	25,176,821	14,518,513	15,046,383	15,669,022	128,132,510	53%	100%			
Column Total	121,525,145	48,803,544	24,528,350	24,427,708	24,494,607	243,779,354					
Revenue of All Species Landed by Groundfish Vessels	63,803,374	23,626,723	10,009,837	9,381,325	8,825,585	115,646,844					
Revenue of Groundfish Vessels as Percent of Total for Column	53%	48%	41%	38%	36%						
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	26%	10%	4%	4%	4%						
Cumulative Total	26%	36%	40%	44%	47%						

NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.

TABLE 3.3-8. Catch and bycatch in the gillnet fishery, 1996-2000, by depth strata, number of fish or number of pounds (information on average weight per fish is required to sum the number of fish and pounds rows, generating a single number to represent bycatch). (Page 1 of 2)

		Species Caught (in thousands of the specified unit)																												
		Bocaccio	California halibut	California sheephead	Canary rockfish	Chilipepper rockfish	Cowcod	CPS	Dungeness crab	Gillnet complex	HMS	HMS shark	Lingcod	Monitored HMS	Nearshore rockfish	Ocean whitefish	Other crustacean	Other fish	Other flatfish	Other nearshore sp.	Other shark	Other shelf flatfish	Other shelf sp.	Pacific whiting	Petrale sole	Sablefish	Shelf rockfish	Slope rockfish	Unspecified rockfish	Widow rockfish
Year	Unit	No Depth Reported																												
'96	Number	1.7	36.2	0.0	-	-	-	1.6	0.0	0.2	-	0.0	8.9	0.3	0.2	-	0.6	0.4	0.4	0.0	3.3	-	-	-	0.0	0.1	0.3	-	3.2	-
	Lbs	0.0	10.4	-	-	-	-	2.8	-	0.3	-	0.1	0.0	0.4	0.2	-	0.4	0.9	0.1	-	12.7	-	-	-	-	-	1.4	-	1.4	-
'97	Number	0.0	10.5	0.0	-	-	-	0.2	0.0	1.0	-	0.1	0.0	0.0	0.1	-	0.2	1.1	0.3	0.0	2.7	-	0.1	-	0.0	-	-	-	0.1	-
	Lbs	-	-	4.5	-	-	-	0.5	0.3	0.0	0.0	0.5	-	0.1	0.4	-	0.0	0.2	10.0	0.3	10.1	-	-	-	0.0	-	-	-	0.2	-
'99	Number	-	3.6	0.0	-	-	-	0.0	-	0.8	0.0	0.3	0.0	0.0	0.2	0.0	0.0	4.0	0.1	0.0	1.4	-	-	-	-	-	-	-	0.0	-
	Lbs	-	12.7	0.0	-	-	-	4.4	-	10.2	-	0.4	0.0	0.2	0.0	-	0.5	0.2	0.1	-	5.3	-	-	-	-	-	-	-	-	-
'00	Number	-	2.9	0.0	-	-	-	-	-	0.3	-	0.0	-	0.0	0.1	-	-	-	0.3	0.0	0.7	-	0.1	-	-	-	-	-	-	-
	Lbs	-	1.9	-	-	-	-	2.1	-	6.5	-	-	-	-	-	-	0.0	0.2	-	-	0.6	-	2.2	-	-	-	-	-	-	-
1-20 fathoms																														
'96	Number	-	6.3	0.0	-	-	-	0.0	-	0.2	-	0.1	0.0	5.6	0.3	-	0.0	0.3	0.1	0.0	1.5	-	-	0.0	-	-	-	-	0.1	-
	Lbs	-	1.7	0.0	-	-	-	4.9	-	15.4	-	-	-	0.4	0.0	-	0.2	0.7	0.1	-	8.9	-	-	0.0	-	-	-	-	-	-
'97	Number	0.5	13.2	0.1	-	5.6	-	1.8	0.1	1.4	-	0.2	1.1	0.6	0.6	0.0	0.4	1.1	0.4	0.1	3.3	-	0.1	-	0.1	-	-	-	0.1	0.8
	Lbs	-	0.0	-	-	-	-	11.8	-	25.2	-	-	-	0.2	-	-	0.2	0.7	0.0	-	17.3	-	-	-	-	-	-	-	-	-
'98	Number	-	7.8	0.1	-	-	-	-	0.1	1.0	-	0.2	0.0	0.5	0.3	0.0	0.2	1.7	0.1	0.0	2.4	-	1.1	-	-	-	-	-	0.1	-
	Lbs	-	5.9	0.0	-	-	-	-	-	0.5	-	0.2	-	1.2	0.5	-	0.8	0.6	-	-	8.6	-	-	-	-	-	-	-	0.0	-
'99	Number	-	18.4	0.1	-	-	-	2.6	-	2.8	-	0.6	-	1.1	0.7	0.0	0.6	1.0	0.2	0.0	3.5	-	0.3	-	0.0	-	-	-	0.1	-
	Lbs	-	7.3	-	-	-	-	6.1	-	9.5	-	3.1	0.0	0.9	0.4	-	0.3	0.5	0.0	-	6.6	-	-	-	-	-	-	-	0.2	-
'00	Number	-	4.8	0.0	-	-	-	0.7	-	0.6	-	0.0	-	0.1	0.0	-	-	-	0.1	-	1.8	-	0.0	-	-	-	-	-	0.0	-
	Lbs	-	1.3	-	-	-	-	0.6	-	2.8	-	-	-	0.1	0.0	-	-	0.1	-	-	1.1	-	-	-	-	-	-	-	-	-
20-150 fathoms																														
'96	Number	2.3	13.6	0.0	-	0.0	0.0	2.1	0.1	2.4	-	0.4	0.8	3.1	0.3	0.0	0.0	3.8	0.4	0.1	3.2	0.0	-	0.0	0.0	0.0	-	-	15.8	-
	Lbs	6.3	21.3	0.0	-	2.7	0.1	25.9	-	20.8	-	0.7	2.2	0.7	0.3	0.0	0.3	4.5	0.5	-	2.8	0.3	-	0.1	0.1	0.3	0.2	-	183.7	0.2
'97	Number	8.9	29.9	0.1	-	14.5	-	7.6	0.5	10.1	-	0.8	11.0	3.5	3.9	0.1	0.1	7.5	0.8	0.0	2.6	0.1	0.0	-	0.0	0.4	1.4	-	9.4	10.5
	Lbs	2.4	-	0.0	-	0.1	-	6.1	0.1	4.4	-	-	0.0	0.0	1.5	0.1	0.0	0.9	2.0	-	0.2	-	-	-	-	-	-	-	112.2	0.0
'98	Number	4.9	17.0	0.1	0.0	2.1	0.2	1.3	0.1	2.7	-	0.7	0.4	1.9	0.3	0.1	0.6	10.7	0.4	0.0	4.2	-	4.5	0.0	0.0	0.1	9.1	-	17.2	-
	Lbs	8.4	0.1	-	-	0.5	-	1.6	-	1.7	-	0.1	-	2.0	0.8	0.0	0.3	8.5	0.2	-	1.6	-	-	-	-	0.1	0.3	105.3	-	-
'99	Number	0.4	20.2	0.0	-	1.0	-	5.5	0.4	3.2	-	0.8	0.1	3.4	0.5	0.0	0.5	3.5	0.7	0.0	3.8	-	4.0	0.3	0.0	-	-	-	0.6	0.6
	Lbs	0.8	39.0	-	-	1.3	0.2	0.7	-	12.4	-	0.5	0.1	2.4	0.2	-	0.2	5.8	0.0	-	2.9	-	0.0	-	-	-	0.6	0.8	11.0	-
'00	Number	-	4.9	0.0	-	-	-	0.1	0.1	1.9	-	0.1	-	0.3	0.0	-	0.3	0.1	0.4	-	1.5	-	0.0	0.0	-	-	-	-	0.0	-
	Lbs	-	-	-	-	-	-	0.1	-	27.6	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3.3-8. Catch and bycatch in the gillnet fishery, 1996-2000, by depth strata, number of fish or number of pounds (information on average weight per fish is required to sum the number of fish and pounds rows, generating a single number to represent bycatch). (Page 2 of 2)

		Species Caught (in thousands of the specified unit)																												
		Bocaccio	California halibut	California sheephead	Canary rockfish	Chilipepper rockfish	Cowcod	CPS	Dungeness crab	Gillnet complex	HMS	HMS shark	Lingcod	Monitored HMS	Nearshore rockfish	Ocean whitefish	Other crustacean	Other fish	Other flatfish	Other nearshore sp.	Other shark	Other shelf flatfish	Other shelf sp.	Pacific whiting	Petrale sole	Sablefish	Shelf rockfish	Slope rockfish	Unspecified rockfish	Widow rockfish
Year	Unit	1-50 fathoms																												
'96	Number	0.8	19.8	0.0	-	0.0	0.0	1.7	0.1	2.5	-	0.4	0.4	6.3	0.5	0.0	0.0	3.0	0.4	0.1	4.5	-	-	0.0	0.0	0.0	-	-	0.2	-
	Lbs	0.6	22.9	0.0	-	-	-	30.8	-	36.2	-	0.5	0.5	1.1	0.3	0.0	0.6	4.0	0.5	-	11.7	0.0	-	0.1	-	-	0.0	-	0.6	-
'97	Number	0.5	43.0	0.2	-	5.6	-	9.2	0.6	11.5	-	0.9	1.2	1.9	4.6	0.1	0.5	4.1	1.0	0.1	5.7	-	0.1	-	0.1	-	-	-	0.4	0.8
	Lbs	-	0.0	-	-	-	-	17.8	0.1	29.7	-	-	-	-	1.6	0.1	0.3	1.6	2.0	-	17.5	-	-	-	-	-	-	-	-	-
'98	Number	-	24.7	0.2	-	-	-	1.3	0.2	3.6	-	0.8	0.0	1.6	0.6	0.0	0.8	11.9	0.5	0.0	6.5	-	5.6	0.0	0.0	0.0	-	-	0.4	-
	Lbs	-	6.0	0.0	-	-	-	1.6	-	2.2	-	0.2	-	2.0	1.3	-	1.1	8.8	0.1	-	9.9	-	-	-	-	-	-	-	0.2	-
'00	Number	-	9.7	0.0	-	-	-	0.7	0.1	2.5	-	0.1	-	0.3	0.1	-	0.3	0.2	0.5	-	3.3	-	0.0	0.0	-	-	-	-	0.0	-
	Lbs	-	1.3	-	-	-	-	0.7	-	30.3	-	-	-	0.1	0.0	-	0.0	0.1	-	-	1.1	-	-	-	-	-	-	-	-	-
		50-150 fathoms																												
'96	Number	1.5	0.1	-	-	-	0.0	0.4	-	0.0	-	0.1	0.4	2.4	0.1	-	-	1.0	0.1	-	0.2	0.0	-	-	-	-	-	-	15.6	-
	Lbs	5.7	-	-	-	2.7	0.1	0.0	-	0.0	-	0.2	1.7	0.0	-	-	-	1.2	-	-	0.1	0.2	-	-	0.1	0.3	0.2	-	183.2	0.2
'97	Number	8.9	0.1	-	-	14.5	-	0.1	-	-	-	0.1	10.9	2.2	0.0	0.0	-	4.5	0.1	-	0.1	0.1	-	-	-	0.4	1.4	-	9.2	10.5
	Lbs	2.4	-	0.0	-	0.1	-	0.1	-	-	-	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0	-	-	-	-	-	-	-	112.2	0.0
'98	Number	4.9	0.1	-	0.0	2.1	0.2	-	-	0.1	-	0.1	0.4	0.8	0.0	0.0	-	0.4	0.1	-	0.1	-	-	-	-	0.1	9.1	-	17.0	-
	Lbs	8.4	-	-	-	0.5	-	-	-	-	-	0.1	-	1.2	-	0.0	-	0.3	0.0	-	0.3	-	-	-	-	-	0.1	0.3	105.1	-
'99	Number	0.4	0.2	-	-	1.0	-	-	-	0.1	-	0.1	0.0	1.7	0.0	-	-	0.0	-	-	0.0	-	0.8	-	-	-	-	0.4	-	
	Lbs	0.8	-	-	-	1.3	0.2	-	-	-	-	0.1	0.1	1.1	-	-	0.2	2.4	-	-	0.1	-	-	-	-	-	0.6	0.8	11.0	-
'00	Number	-	0.0	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lbs	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		150+ fathoms																												
'96	Number	0.7	-	-	-	0.5	-	-	-	-	-	0.0	0.5	0.0	-	-	-	0.2	0.0	-	0.0	0.0	-	-	-	0.3	-	-	0.6	-
	Lbs	0.9	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	-	0.0	0.1	-	-	-	1.1	-	-	5.4	-
'97	Number	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	1.4	-
	Lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.4	-
'98	Number	-	0.0	-	-	-	-	-	-	0.0	-	0.0	0.0	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-
	Lbs	1.1	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-	-	-	-	-	0.7	-	-
'99	Number	-	0.0	-	-	-	-	0.4	-	-	-	0.0	-	0.0	0.0	-	-	0.0	-	-	0.1	-	-	-	-	-	-	-	-	-
	Lbs	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE: "0.0" indicates more than one but less than fifty.

TABLE 3.3-9. Summary of pink shrimp Log CPUE for south of Cape Mendocino

	Number of boats	Pounds	Hours	Avg. CPUE
Depth <=20 Fathoms				
1996	0	0	0.0	0.0
1997	0	0	0.0	0.0
1998	0	0	0.0	0.0
1999	0	0	0.0	0.0
2000	0	0	0.0	0.0
Depth between 20 - 150 Fathoms				
1996	10	527,410	1317.8	434.4
1997	15	408,769	827.1	464.6
1998	13	204,693	466.3	322.9
1999	6	89,740	262.9	223.9
2000	2	5,325	44.9	234.7
Depth <=50 Fathoms				
1996	0	0	0.0	0.0
1997	2	3,235	13.0	194.1
1998	0	0	0.0	0.0
1999	0	0	0.0	0.0
2000	0	0	0.0	0.0
Depth between 50 - 150 Fathoms				
1996	10	527,410	1317.8	434.4
1997	15	405,534	814.1	465.2
1998	13	204,693	466.3	322.9
1999	6	89,740	262.9	223.9
2000	2	5,325	44.9	234.7
Depth > 150 Fathoms				
1996	1	0	1.50	0.00
1997	2	3,900	7.22	571.85
1998	1	1,715	8.78	202.33
1999	0	0	0.00	0.00
2000	0	0	0.00	0.00

TABLE 3.3-10. Summary of Spot Prawn Trawl Log CPUE

	Number of boats	Pounds	Hours	Avg. CPUE	
Depth <=20 Fathoms					
1996	0	0	0.0	0.0	
1997	0	0	0.0	0.0	
1998	0	0	0.0	0.0	
1999	2	160	7.1	19.2	
2000	0	0	0.0	0.0	
Depth <=50 Fathoms					
1996	1	0	1.0	0.0	
1997	1	0	5.5	0.0	
1998	0	0	0.0	0.0	
1999	4	225	12.1	11.1	
2000	2	15	1.8	8.6	
Depth between 20 – 150 Fathoms					
1996	18	213,468	4953.0	44.1	
1997	29	278,113	6021.2	44.1	
1998	28	275,377	6611.9	35.8	
1999	26	221,878	7542.5	37.9	
2000	18	100,447	3355.6	31.4	
Depth between 50 – 150 Fathoms					
1996	18	213,468	4952.0	49.2	
1997	29	278,113	6015.7	44.1	
1998	28	275,377	6611.9	35.8	
1999	26	221,813	7537.5	37.9	
2000	18	100,432	3353.8	31.4	
Depth > 150 Fathoms					
1996	14	12,689	234.3	38.4	
1997	26	102,278	1793.2	48.0	
1998	21	181,914	3797.3	46.9	
1999	21	87,947	2582.5	32.7	
2000	10	17,904	556.8	33.5	

Notes: No bycatch data is available from the logbooks, because bycatch is generally not recorded on the logs. See the spot prawn bycatch report by Paul Reilly (sent under a separate cover) for information on bycatch in spot prawn trawls.

The use of excluders is not recorded on the logs. All tows in the CDFG bycatch study were with nets that had some type of excluder, either a fisheye or a double-walled codend. Beginning on July 14, 2000, all spot prawn trawl were required to have excluders in California.

TABLE 3.3-11. Spot Prawn Trap Log CPUE

(effort is totaled in Trap-Days = number of traps fished x number of days soaked)

	Number of boats	Pounds	Trap-Days	Avg. CPUE
Depth between 50 and 150 Fathoms				
1996	22	83,845	309,762	0.265
1997	26	122,184	377,167	0.397
1998	29	180,730	647,690	0.359
1999	33	165,500	941,967	0.237
2000	32	134,251	791,121	0.525
Depth > 150 Fathoms				
1996	6	5,560	27,554	8.038
1997	4	5,793	32,627	0.267
1998	13	13,331	76,256	0.343
1999	8	23,104	122,231	0.285
2000	9	10,898	71,454	0.207

NOTES:

1. No bycatch data is available from either logbooks or landing receipts. The law provides that any species other than shrimp and prawn taken incidentally with prawn or shrimp traps must be immediately released.
2. Prawn and shrimp traps are prohibited in waters less than 50 fm south of Point Conception. During the time period covered in this analysis (1996-2000), only one boat recorded sets in waters less than 50 fm. Therefore, the depth strata were adjusted: four strata were deleted (# 20 fm, > 20 - # 150 fm, # 10 fm, and > 10 - # 150 fm) and one strata was added (> 50 - # 150 fm).
3. South of Point Arguello the take of spot prawns in traps is prohibited from November 1 through January 31, and north of Point Arguello the take of spot prawns in traps is prohibited from May 1 through July 31. See the spot prawn bycatch report by Paul Reilly (sent under a separate cover) for information on bycatch in spot prawn traps; this report covers 262 observed trap strings.

TABLE 3.3-12. Summary of Ridgeback Prawn Trawl Log CPUE.

	Number of Boats	Pounds	Hours	Avg. CPUE
Depth <=20 Fathoms				
1996	4	886	16.5	55.7
1997	0	0	0.0	0.0
1998	0	0	0.0	0.0
1999	1	2,050	10.7	194.5
2000	1	1,700	5.0	340.0
Depth between 20 - 150 Fathoms				
1996	224	405,092	4,666.6	99.8
1997	19	281,755	3,867.5	73.0
1998	19	333,741	3,274.3	115.8
1999	26	1,247,104	5,837.7	225.1
2000	34	1,296,475	8,057.2	168.1
Depth <=50 Fathoms				
1996	20	139,127	1,603.7	107.4
1997	9	8,112	339.4	25.2
1998	7	1,333	43.6	47.5
1999	16	52,610	279.3	205.2
2000	28	212,888	1,724.0	123.8
Depth between 50 - 150 Fathoms				
1996	24	266,851	3,079.4	99.3
1997	18	273,643	3,528.1	77.1
1998	19	332,408	3,230.7	117.3
1999	26	1,196,544	5,569.1	226.3
2000	34	1,085,287	6,338.2	176.3
Depth > 150 Fathoms				
1996	1	0	2.0	0.0
1997	2	41	6.7	6.3
1998	3	10	19.3	0.3
1999	1	260	2.0	130.0
2000	2	553	19.4	158.3

Information on bycatch and whether or not an excluder was used is not recorded in logbooks.

TABLE 3.3-13. Catch and bycatch in the market squid fishery from vessel logbooks.

TABLE 3-3-15: Catch and Bycatch in the market squid fishery from vessel logbooks.																			
2003 GROUNDFISH ANNUAL SPECS FEIS	Geographic Area		Depth	Year	Number of Sets	Pounds of Targeted Species Landed	Catch Per Set of Targeted Species	Fleet Average CPUE											
								Pounds of Bycatch					Pounds of Bycatch per Pound of Targeted Species						
								Bocaccio	Canary	Cowcod	Yelloweye	Lingcod	Unspecified Rockfish	Bocaccio	Canary	Cowcod	Yelloweye	Lingcod	Unspecified Rockfish
3-107	North	<20 fm	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			2000	386	5,288,000	13,699	0	0	0	0	0	500	0	0	0	0	0	0	0
			2001	356	9,362,000	26,298	0	0	0	0	0	0	0	0	0	0	0	0	0
		>20 and <150 fm	2002	645	14,598,000	22,633	0	0	0	0	0	0	0	0	0	0	0	0	0
			1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			2000	8	226,000	28,250	0	0	0	0	0	0	0	0	0	0	0	0	0
		>10 and <150 fm	2001	31	700,000	22,581	0	0	0	0	0	0	0	0	0	0	0	0	0
			2002	246	5,436,000	22,098	0	0	0	0	0	0	0	0	0	0	0	0	0
			1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		>10 and <150 fm	2000	7	120,000	17,143	0	0	0	0	0	0	0	0	0	0	0	0	0
			2001	18	412,000	22,889	0	0	0	0	0	0	0	0	0	0	0	0	0
			2002	15	550,000	36,667	0	0	0	0	0	0	0	0	0	0	0	0	0
	South	<20 fm	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			2000	387	5,394,000	13,938	0	0	0	0	0	500	0	0	0	0	0	0	0
			2001	369	9,650,000	26,152	0	0	0	0	0	0	0	0	0	0	0	0	0
		>20 and <150 fm	2002	876	19,484,000	22,242	0	0	0	0	0	0	0	0	0	0	0	0	0
			1999	6	496,000	82,667	0	0	0	0	0	0	0	0	0	0	0	0	0
			2000	1,512	58,664,000	38,799	0	0	0	0	0	0	0	0	0	0	0	0	0
		<10 fm	2001	1,159	44,280,000	38,205	0	0	0	0	0	0	0	0	0	0	0	0	0
			2002	497	15,498,000	31,183	0	0	0	0	0	0	0	0	0	0	0	0	0
			1999	27	2,168,000	80,296	0	0	0	0	0	0	0	0	0	0	0	0	0
		>10 and <150 fm	2000	1,085	48,262,000	44,481	0	0	0	0	0	0	0	0	0	0	0	0	0
			2001	1,020	42,486,000	41,653	0	0	0	0	0	0	0	0	0	0	0	0	0
			2002	554	20,946,000	37,809	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2003	<20 fm	1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2000	19	692,000	36,421	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2001	26	796,000	30,615	0	0	0	0	0	0	0	0	0	0	0	0	0	
	>20 and <150 fm	2002	3	36,000	12,000	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1999	33	2,664,000	80,727	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2000	2,578	106,234,000	41,208	0	0	0	0	0	0	0	0	0	0	0	0	0	
	>10 and <150 fm	2001	2,153	85,970,000	39,930	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2002	1,048	36,408,000	34,740	0	0	0	0	0	0	0	0	0	0	0	0	0	

TABLE 3.3-14. Annual coastwide and area participation in the Highly Migratory Species gillnet fishery by open-access vessels, with associated groundfish on the same landing day, 1990-2001.

Area/Landings	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
CA: N of C. Mendocino											
Metric tons											
HMS gillnet		1	11	28	1	5	5	14	4	12	1
Groundfish		0	0	0	0	0	0	0	0	0	0
% of HMS gillnet		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
# of vessels											
HMS gillnet		1	13	15	2	9	8	13	6	5	2
with GF		0	0	0	0	0	0	0	0	0	0
% of HMS gillnet		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
# of trips											
HMS gillnet		3	17	27	3	16	13	25	11	14	4
with GF		0	0	0	0	0	0	0	0	0	0
% of HMS gillnet		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CA: C. Mendocino - Pt Conception											
Metric tons											
HMS gillnet	1	2	14	40	58	93	89	67	62	25	73
Groundfish	0	0	0	0	0	0	0	0	0	0	0
% of HMS gillnet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
# of vessels											
HMS gillnet	6	12	31	43	52	54	54	45	34	26	20
with GF	0	0	0	0	1	1	3	2	0	0	3
% of HMS gillnet	0%	0%	0%	0%	2%	2%	6%	4%	0%	0%	15%
# of trips											
HMS gillnet	6	15	51	82	148	160	204	149	101	68	52
with GF	0	0	0	0	1	1	3	2	0	0	4
% of HMS gillnet	0%	0%	0%	0%	1%	1%	1%	1%	0%	0%	8%
CA: S of Pt Conception											
Metric tons											
HMS gillnet	0	0	3	11	79	24	55	110	73	75	75
Groundfish	0	0	0	1	0	1	4	10	12	6	3
% of HMS gillnet	0%	0%	8%	13%	0%	4%	6%	9%	16%	8%	4%
# of vessels											
HMS gillnet	3	3	24	56	71	75	74	101	88	78	64
with GF	0	0	4	6	8	17	24	32	30	38	16
% of HMS gillnet	0%	0%	17%	11%	11%	23%	32%	32%	34%	49%	25%
# of trips											
HMS gillnet	3	4	37	115	219	251	412	769	499	548	223
with GF	0	0	7	6	13	38	110	228	129	116	47
% of HMS gillnet	0%	0%	19%	5%	6%	15%	27%	30%	26%	21%	21%
Coastwide											
Metric tons											
HMS gillnet	1	3	27	79	138	122	150	192	141	113	149
Groundfish	0	0	0	1	0	1	4	10	12	6	3
% of HMS gillnet	0%	0%	1%	2%	0%	1%	3%	5%	8%	5%	2%
# of vessels											
HMS gillnet	9	14	53	84	95	104	103	110	105	86	71
with GF	0	0	4	6	9	18	27	34	31	38	19
% of HMS gillnet	0%	0%	8%	7%	9%	17%	26%	31%	30%	44%	27%
# of trips											
HMS gillnet	9	22	105	224	371	430	631	953	615	630	279
with GF	0	0	7	6	14	39	113	230	130	116	51
% of HMS gillnet	0%	0%	7%	3%	4%	9%	18%	24%	21%	18%	18%

TABLE 3.3-15. Annual coastwide and area participation in the Highly Migratory Species seine fishery by open-access vessels, with associated groundfish on the same landing day, 1990-2001.

Area/Landings	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CA: C. Mendocino - Pt Conception												
Metric tons												
HMS seine			0					0		98		110
Groundfish			0					0		0		0
% of HMS seine			0%					0%		0%		0%
# of vessels												
HMS seine			1					1		3		4
with GF			0					0		0		0
% of HMS seine			0%					0%		0%		0%
# of trips												
HMS seine			1					1		10		13
with GF			0					0		0		0
% of HMS seine			0%					0%		0%		0%
CA: S of Pt Conception												
Metric tons												
HMS seine	9,977	5,938	3,804	3,145	5,713	9,014	12,448	12,742	11,085	5,175	2,167	776
Groundfish	0	0	0	0	0	0	0	0	0	0	0	0
% of HMS seine	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
# of vessels												
HMS seine	30	17	27	26	25	21	23	33	35	12	18	13
with GF	0	0	1	1	0	0	0	0	0	0	0	0
% of HMS seine	0%	0%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
# of trips												
HMS seine	151	70	119	95	129	150	192	148	127	38	52	40
with GF	0	0	1	1	0	0	0	0	0	0	0	0
% of HMS seine	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
Coastwide												
Metric tons												
HMS seine	9,977	5,938	3,804	3,145	5,713	9,014	12,448	12,742	11,085	5,273	2,167	885
Groundfish	0	0	0	0	0	0	0	0	0	0	0	0
% of HMS seine	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
# of vessels												
HMS seine	30	17	28	26	26	21	23	35	35	14	18	15
with GF	0	0	1	1	0	0	0	0	0	0	0	0
% of HMS seine	0%	0%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
# of trips												
HMS seine	151	70	120	95	130	150	192	150	127	48	52	53
with GF	0	0	1	1	0	0	0	0	0	0	0	0
% of HMS seine	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%

TABLE 3.3-16. Percent of monthly exvessel value of all 2000 West Coast commercial fishery landings by month

Species Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Sablefish	0.8	1.3	3.6	6.0	3.7	3.4	6.3	20.3	5.7	4.4	4.3	2.2	5.8
Whiting	0.0	0.0	0.0	0.2	1.9	3.5	7.6	6.7	4.4	0.0	0.0	0.0	2.3
Flatfish	8.9	5.5	5.4	7.1	4.1	3.2	3.2	2.7	2.7	3.0	3.2	3.0	4.2
Rockfish	2.5	3.3	5.6	6.5	5.6	4.7	5.6	3.3	5.9	5.0	6.8	3.2	4.6
Other GF	0.2	0.7	0.3	0.7	1.1	1.4	1.3	0.8	0.8	0.5	0.4	0.3	0.7
Shrimp/Prawns	1.6	2.7	3.8	6.8	7.1	16.2	14.3	8.2	8.3	5.0	1.6	1.3	6.2
Crab/Lobster	51.0	41.6	29.6	19.6	15.9	13.0	7.2	4.3	8.3	18.3	18.4	50.3	23.5
Salmon	0.2	0.3	0.2	0.7	17.1	13.7	10.0	13.6	13.3	8.2	2.0	0.4	6.9
HMS	1.2	6.5	2.6	4.7	1.1	1.4	7.3	16.3	19.8	19.6	8.6	6.7	8.9
CPS	13.5	13.3	11.3	10.6	8.1	6.1	7.8	4.9	6.5	11.6	25.0	15.4	11.0
Other	20.2	24.9	37.5	37.2	34.3	33.4	29.3	18.9	24.2	24.4	29.7	17.3	25.9
GF Total	12.3	10.9	14.9	20.4	16.5	16.1	24.0	33.8	19.5	12.8	14.7	8.7	17.5
Non GF Total	87.7	89.1	85.1	79.6	83.5	83.9	76.0	66.2	80.5	87.2	85.3	91.3	82.5
Region Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: PacFin

TABLE 3.3-17. Exvessel price per round weight pound (\$)

Species	1997	1998	1999	2000	2001
All Groundfish	0.16	0.11	0.12	0.14	0.14
Non-whiting Groundfish	0.59	0.51	0.54	0.66	0.68
Whiting	0.05	0.04	0.04	0.04	0.04
Pacific Halibut	2.01	1.62	1.98	2.46	2.02
CA Halibut	2.48	2.33	2.47	2.84	2.91
CPS	0.13	0.06	0.11	0.09	0.08
HMS	0.70	0.61	0.84	1.02	0.96
Salmon	1.24	1.40	1.62	1.71	1.43
Shrimp/Prawn	0.55	1.10	0.64	0.57	0.41
Crab	1.86	1.76	1.92	2.11	2.03
Lobster	7.44	6.38	7.41	6.68	6.41
Shellfish	2.96	2.61	2.56	2.45	2.34
Red Urchin	0.87	0.97	0.94	0.70	0.8

Source: PacFin

TABLE 3.3-18. Producer Price Indices: Groundfish vs. Substitutes

Year	Groundfish, fillets and steaks	Groundfish (cod, cusk, haddock, hake, perch, pollock, whiting)	Other frozen fish (salmon, flounder, halibut, etc.)	Meat products
1992	166.5	127.5	96.4	110.0
1993	161.3	122.9	94.2	113.6
1994	157.0	121.4	97.0	110.7
1995	164.8	126.1	95.3	109.3
1996	164.0	126.5	92.6	114.6
1997	177.8	131.2	96.6	116.1
1998	190.1	137.4	98.8	109.2
1999	216.7	153.0	99.3	108.9
2000	205.1	153.4	101.9	115.0
2001	190.5	145.5	94.9	120.3
2002p	192.0	143.5	87.8	115.5

Source: U.S. Department of Labor, Bureau of Labor Statistics website
(<http://146.142.4.24/cgi-bin/srgate>)

TABLE 3.3-19. Number of marine anglers in West Coast states, 2000.

State	Number of Marine Anglers (Thousands)			Percent Non-Resident
	Total	Resident	Non-Resident	
Washington	497	450	47	9%
Oregon	365	285	80	22%
California	1,705	1,485	220	13%

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-20. Trends in effort for recreational ocean fisheries in thousands of angler trips.

Area	Charter						Private					
	1996	1997	1998	1999	2000	2001 ^{a/}	1996	1997	1998	1999	2000	2001 ^{a/}
Total Angler Trips												
Washington	51	50	44	49	49	59	52	55	37	52	52	88
Oregon	54	65	57	60	87	70	57	87	213	173	330	140
Northern California	90	139	158	162	206	221	253	312	528	549	523	901
Southern California	982	812	674	609	876	577	1,099	1,073	1,167	879	1,314	1,757
Total	1,177	1,066	933	880	1,218	927	1,461	1,527	1,945	1,653	2,219	2,886
Groundfish Target and Incidental												
Washington	24	19	23	21	25	12	24	21	54	25	30	10
Oregon	43	47	47	44	69	47	33	57	119	88	153	22
Northern California	63	159	58	95	101	141	110	113	160	188	120	164
Southern California	59	23	33	45	57	204	35	11	15	30	28	252
Total	189	248	161	205	252	404	202	202	348	331	331	448

a/ 2001 estimates not directly comparable to previous years due to differences in estimation methodology.

Table 3.3-21. Annual landings (mt) of "other" rockfish species for hook-and-line and pot gear by price interval and PacFIN disposition code ("live" or "other"), 1994-2001.

Upper end of interval	Metric tons of "other" rockfish landings															
	1994 Live	Other	1995 Live	Other	1996 Live	Other	1997 Live	Other	1998 Live	Other	1999 Live	Other	2000 Live	Other	2001 Live	Other
HKL																
\$ 1.00	9.8	1,861.7	8.9	1,535.7	8.7	1,344.3	11.7	1,105.3	15.5	964.2	8.8	521.5	4.0	234.7	2.7	294.0
\$ 1.25	2.4	146.9	0.5	102.4	1.0	124.6	2.5	76.3	3.5	96.4	1.7	63.4	3.7	31.0	19.2	23.5
\$ 1.50	14.3	111.8	11.6	142.0	9.2	143.9	9.5	183.9	13.0	106.3	3.5	65.2	12.6	26.8	15.8	23.4
\$ 1.75	5.7	45.4	0.3	46.9	1.1	53.1	1.8	56.5	2.5	28.4	3.1	41.0	1.1	9.8	12.1	8.0
\$ 2.00	23.5	15.2	19.9	20.3	25.4	35.2	26.7	40.0	20.6	37.3	11.2	21.3	5.1	18.8	5.4	16.2
\$ 2.25	6.9	2.0	3.9	1.1	10.9	2.1	8.7	5.3	23.0	14.8	2.8	4.8	1.5	8.5	1.5	9.7
\$ 2.50	21.1	3.5	36.7	4.4	33.4	2.3	29.8	2.1	24.0	3.4	21.1	7.2	6.9	4.0	7.0	3.9
\$ 2.75	5.0	0.3	3.5	1.0	15.7	0.5	7.8	0.2	8.2	0.2	5.1	1.9	1.0	0.7	4.2	1.3
\$ 3.00	14.3	4.2	16.7	5.9	34.2	3.9	16.6	1.3	8.9	2.7	12.4	3.8	5.1	4.7	4.8	5.0
\$ 3.25	0.2	0.0	0.6	0.0	1.8	0.1	7.0	0.5	11.4	1.0	21.2	1.1	0.7	0.2	0.7	0.2
\$ 3.50	2.9	0.9	6.0	0.3	9.3	0.1	10.1	0.3	7.0	0.4	18.8	2.6	2.9	1.6	4.7	3.1
\$ 3.75	1.0	0.2	0.0	0.1	0.7		2.6	0.1	1.9	0.0	4.4	0.3	3.2	0.5	0.7	3.7
\$ 4.00	5.5	0.5	0.2	0.3	2.1	0.1	3.7	0.4	9.1	0.4	29.1	1.5	16.0	4.1	13.8	1.0
\$ 4.25	2.4	1.6	0.2	0.0	3.2	0.0	5.6	0.3	7.2	0.6	2.3	0.0	5.9	0.2	19.3	0.3
\$ 4.50	12.0	0.8	15.6	0.3	3.8	0.1	5.6	0.4	7.6	0.4	13.4	2.2	6.9	0.9	9.7	0.1
\$ 4.75	3.1	1.1	0.1	0.0	0.7	0.0	0.4	0.1	1.4	0.2	1.8	0.1	4.8	0.0	2.9	0.1
\$ 5.00	6.9	0.3	14.4	0.8	19.0	0.4	5.0	0.2	14.1	0.5	16.3	1.2	20.9	0.9	11.2	0.9
> \$ 5.00	2.4	0.2	12.8	0.2	10.5		16.5		14.7	0.1	18.4	0.4	63.5	4.3	71.9	2.5
Gear total																
Mts	139.3	2,196.6	152.1	1,861.7	190.8	1,710.7	171.5	1,473.2	193.6	1,257.4	195.4	739.3	165.9	351.7	207.7	396.8
\$1,000s	822.6	3,469.0	1,023.8	3,125.5	1,241.3	2,974.1	1,092.7	2,669.6	1,253.0	2,223.0	1,515.8	1,521.9	1,626.2	880.4	1,901.4	918.6
Avg. price	\$2.68	\$0.72	\$3.05	\$0.76	\$2.95	\$0.79	\$2.89	\$0.82	\$2.94	\$0.80	\$3.52	\$0.93	\$4.45	\$ 1.14	\$ 4.15	\$ 1.05

Table 3.3-21. Annual landings (mt) of "other" rockfish species for hook-and-line and pot gear by price interval and PacFIN disposition code ("live" or "other"), 1994-2001.

Upper		Metric tons of "other" rockfish landings															
end of interval	1994 Live	Other	1995 Live	Other	1996 Live	Other	1997 Live	Other	1998 Live	Other	1999 Live	Other	2000 Live	Other	2001 Live	Other	
POT	\$ 1.00	1.3	10.4	0.9	10.3	1.2	9.5	1.3	11.7	0.4	8.4	0.1	5.9	0.3	6.9	0.1	4.0
	\$ 1.25	0.2	1.1	0.7	1.3	0.1	0.7	0.2	0.5	0.4	1.7	0.0	0.2	0.0	0.1	0.1	0.3
	\$ 1.50	0.9	0.4	1.2	0.5	0.1	0.4	0.6	0.5	0.5	0.5	0.1	0.2	0.0	0.2	0.0	0.0
	\$ 1.75	0.0	0.0		0.3	0.2	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	\$ 2.00	4.6	0.8	1.7	0.7	1.2	0.2	0.8	0.2	2.7	1.0	0.2	0.0	0.3	0.1	0.2	0.8
	\$ 2.25	0.2		0.1		0.7	0.0	0.1	0.0	1.6	0.1	0.1		0.1			0.0
	\$ 2.50	0.5	0.0	4.2	1.0	3.3	1.0	3.0	0.5	2.0	0.1	0.4	0.2	0.2	0.3	0.1	0.0
	\$ 2.75	0.0	0.0	0.5		0.8	0.0	0.9		1.5	0.2	0.2		0.0	0.0	0.2	0.0
	\$ 3.00	0.3	0.0	0.2	0.1	1.9	0.0	1.6	0.2	1.8	0.2	0.5	0.2	0.4	0.1	0.2	0.0
	\$ 3.25	0.1	0.0	0.0		0.0		0.0		0.4		0.9	0.0	0.0			0.0
	\$ 3.50	0.2	0.0	0.3	0.4	0.1	0.0	0.6		0.9	0.0	2.7	0.1	0.0		0.2	0.1
	\$ 3.75	0.0		0.3		0.1		0.1		0.0		1.1		0.9	0.0	0.1	0.0
	\$ 4.00	0.2	0.0	0.0	0.0	0.1	0.0	0.5	0.0	5.3	0.2	0.9	0.0	0.9	0.0	1.0	0.0
	\$ 4.25	0.2	0.0			0.1		0.1		0.0		0.2		1.6	0.0	1.5	0.0
	\$ 4.50	0.4	0.0	1.7	0.2	0.9		0.5		1.0		6.0	0.0	0.4	0.0	0.4	0.0
	\$ 4.75	0.1				0.0				0.2		0.2		1.4		1.4	0.0
	\$ 5.00	0.0		1.0	0.3	0.4	0.0	0.5	0.0	2.1	0.1	0.9	0.0	1.4	0.0	0.3	0.0
	> \$ 5.00	0.0		1.4		1.8	0.0	1.4		3.0		3.2	0.0	5.7	0.3	3.1	0.2
Gear total	Mts	9.4	12.8	14.2	15.2	12.9	12.0	12.1	14.0	23.8	12.5	17.8	7.0	13.6	8.0	8.9	5.6
	\$1,000s	44.5	21.5	93.3	37.9	86.4	23.0	78.7	24.1	183.0	27.6	166.2	14.3	146.9	16.7	99.7	14.1
	Avg. price	\$ 2.15	\$0.76	\$2.99	\$ 1.13	\$3.04	\$0.87	\$2.95	\$0.78	\$3.48	\$ 1.00	\$4.23	\$0.93	\$4.90	\$0.95	\$5.06	\$ 1.13

TABLE 3.3-22 Estimated Open Access Fishery Landings in 1996 and 2001, by state, weight and value.

Open Access Sector	1996 landings by weight	2001 landings by weight
Coastwide Directed	3,291 mt	1,086 mt
Coastwide Incidental	802 mt	197 mt
Washington Directed	225 mt	66 mt
Washington Incidental	296 mt	28 mt
Oregon Directed	458 mt	237 mt
Oregon Incidental	384 mt	98 mt
California Directed	2,608 mt	776 mt
California Incidental	122 mt	70 mt

TABLE 3.3-23a. Number of vessels by fleet category, level of dependence and level of gross income (values for base period (November 2000 through October 2001)).

	Category of Gross Income From West Coast Landings				Total
	<\$5,000	\$5,000-\$50,000	\$50,000-200,000	>\$200,000	
Limited Entry Trawl	Number of Vessels				
>0% & <5%	0	0	4	1	5
>5% & <35%	0	0	11	6	17
>35% & <65%	0	0	18	27	45
>65% & <95%	0	4	26	40	70
>95% & <100%	2	7	53	37	99
No Groundfish Landing In Base Period	1	0	9	1	11
Total	3	11	121	112	247
Limited Entry Longline and Fishpot					
>0% & <5%	1	6	7	3	17
>5% & <35%	0	4	19	9	32
>35% & <65%	0	6	29	14	49
>65% & <95%	0	14	11	1	26
>95% & <100%	4	29	21	0	54
No Groundfish Landing In Base Period	1	10	7	1	19
Total	6	69	94	28	197
Open Access with >5% From Groundfish					
>5% & <35%	52	101	44	0	197
>35% & <65%	47	50	8	0	105
>65% & <95%	63	55	6	0	124
>95% & <100%	200	138	7	0	345
Total	362	344	65	0	771
Open Access with <5% of Revenue from Groundfish					
>0% & <5%	45	268	169	34	516
No Groundfish Landing In Base Period	1,027	1,181	510	130	2,848
Total	1,072	1,449	679	164	3,364
Groundfish Vessel Total	416	692	449	174	1,731
Grand Total	1,443	1,873	959	304	4,579

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-23b. Exvessel revenue by fleet category, level of dependence and level of gross income (values for base period (November 2000 through October 2001).

Category of Gross Income From West Coast Landings					
	<\$5,000	\$5,000-\$50,000	\$50,000-200,000	>\$200,000	Total
Limited Entry Trawl	Total Exvessel Revenue (\$)				
>0% & <5%	0	0	441,301	275,289	716,590
>5% & <35%	0	0	1,216,708	1,691,721	2,908,429
>35% & <65%	0	0	2,231,773	8,269,118	10,500,891
>65% & <95%	0	81,105	3,755,128	14,133,342	17,969,576
>95% & <100%	2,673	136,997	6,684,899	12,134,494	18,959,063
No Groundfish Landing In Base Period	2,273	0	756,161	210,743	969,177
Total	4,946	218,103	15,085,970	36,714,707	52,023,726
Limited Entry Longline and Fishpot					
>0% & <5%	3,311	126,194	644,914	1,163,527	1,937,946
>5% & <35%	0	110,820	1,997,638	3,286,281	5,394,739
>35% & <65%	0	196,026	3,159,960	4,498,529	7,854,515
>65% & <95%	0	407,988	1,017,071	201,429	1,626,488
>95% & <100%	9,741	797,807	1,611,208	0	2,418,756
No Groundfish Landing In Base Period	2,533	195,966	549,980	304,489	1,052,968
Total	15,585	1,834,801	8,980,771	9,454,255	20,285,412
Open Access with >5% From Groundfish					
>5% & <35%	111,738	2,148,676	3,999,350	0	6,259,764
>35% & <65%	75,358	956,712	546,317	0	1,578,387
>65% & <95%	108,372	996,853	486,934	0	1,592,159
>95% & <100%	261,318	2,589,685	508,585	0	3,359,588
Total	556,786	6,691,926	5,541,186	0	12,789,898
Open Access with <5% of Revenue from Groundfish					
>0% & <5%	112,103	6,003,259	17,085,952	9,368,639	32,569,953
No Groundfish Landing In Base Period	1,873,962	24,420,868	50,680,628	49,134,907	126,110,365
Total	1,986,065	30,424,127	67,766,580	58,503,546	158,680,318
Groundfish Vessel Total	689,420	14,748,089	46,693,879	55,537,601	117,668,989
Grand Total	2,563,382	39,168,957	97,374,507	104,672,508	243,779,354
Limited Entry Trawl	Total Groundfish Revenue (\$)				
>0% & <5%	0	0	4,136	6,339	10,475
>5% & <35%	0	0	182,248	339,166	521,414
>35% & <65%	0	0	1,355,987	5,180,446	6,536,433
>65% & <95%	0	60,235	3,149,194	12,457,556	15,666,985
>95% & <100%	2,673	213,445	6,580,010	11,423,415	18,219,543
No Groundfish Landing In Base Period	0	0	0	0	0
Total	2,673	273,680	11,271,575	29,406,922	40,954,850
Limited Entry Longline and Fishpot					
>0% & <5%	50	1,933	7,738	20,066	29,787
>5% & <35%	0	17,374	419,268	807,674	1,244,316
>35% & <65%	0	96,624	1,631,259	2,257,878	3,985,761

TABLE 3.3-23b. Exvessel revenue by fleet category, level of dependence and level of gross income (values for base period (November 2000 through October 2001)).

	Category of Gross Income From West Coast Landings				Total
	<\$5,000	\$5,000-\$50,000	\$50,000-200,000	>\$200,000	
>65% & <95%	0	352,893	858,841	161,731	1,373,465
>95% & <100%	9,741	789,014	1,579,821		2,378,576
No Groundfish Landing In Base Period	0	0	0	0	0
Total	9,791	1,257,838	4,496,927	3,247,349	9,011,905
Open Access with >5% From Groundfish					
>5% & <35%	16,965	358,000	423,529	0	798,494
>35% & <65%	40,741	516,414	267,690	0	824,845
>65% & <95%	91,691	851,945	407,877	0	1,351,513
>95% & <100%	259,602	2,563,176	503,827	0	3,326,605
Total	408,999	4,289,535	1,602,923	0	6,301,457
Open Access with <5% of Revenue from Groundfish					
>0% & <5%	1,374	52,149	157,140	123,129	333,792
No Groundfish Landing In Base Period	0	0	0	0	0
Total	1,374	52,149	157,140	123,129	333,792
Groundfish Vessel Total	422,837	5,873,202	17,528,565	32,777,400	56,602,004
Grand Total	422,837	5,873,202	17,528,565	32,777,400	56,602,004

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-24a. Number of vessels by fleet category, level of dependence and vessel size category (values for base period (November 2000 through October 2001)).

	Vessel Size Category						Total
	<40'	40'-50'	50'-60'	60'-70'	70'-150'	Unspecified	
Limited Entry Trawl	Number of Vessels						
>0% & <5%	0	3	1	0	1	0	5
>5% & <35%	1	4	7	3	2	0	17
>35% & <65%	1	7	14	7	16	0	45
>65% & <95%	0	10	17	24	19	0	70
>95% & <100%	2	3	21	21	46	6	99
No Groundfish Landing In Base Period	1	4	4	2	0	0	11
Total	5	31	64	57	84	6	247
Limited Entry Longline and Fishpot							
>0% & <5%	7	8	2	0	0	0	17
>5% & <35%	8	15	5	2	2	0	32
>35% & <65%	15	19	7	7	1	0	49
>65% & <95%	14	10	2	0	0	0	26
>95% & <100%	31	14	6	1	1	1	54
No Groundfish Landing In Base Period	10	5	3	1	0	0	19
Total	85	71	25	11	4	1	197
Open Access with >5% From Groundfish							
>5% & <35%	154	32	6	4	1	0	197
>35% & <65%	96	8	1	0	0	0	105
>65% & <95%	115	5	0	0	1	3	124
>95% & <100%	310	21	5	2	0	7	345
Total	675	66	12	6	2	10	771
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	324	109	29	28	25	1	516
No Groundfish Landing In Base Period	1967	432	254	80	101	14	2848
Total	2,291	541	283	108	126	15	3364
Groundfish Vessel Total	1,089	277	130	102	115	18	1,731
Grand Total	3,056	709	384	182	216	32	4,579

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-24b Exvessel revenue by fleet category, level of dependence and vessel size category (values for base period (November 2000 through October 2001).

	Vessel Size Category						Total
	<40'	40'-50'	50'-60'	60'-70'	<150'	No Length	
Limited Entry Trawl	Total Exvessel Revenue (\$)						
>0% & <5%	0	325,964	275,289	0	115,337	0	716,590
>5% & <35%	181,153	430,674	953,215	825,043	518,344	0	2,908,429
>35% & <65%	27,962	871,383	2,490,768	1,888,811	5,221,968	0	10,500,891
>65% & <95%	0	1,165,761	3,136,028	6,765,312	6,902,474	0	17,969,576
>95% & <100%	106,771	242,804	3,151,177	4,266,877	10,613,452	577,982	18,959,063
No Groundfish Landing In Base Period	56,941	414,389	303,085	194,762	0	0	969,177
Total	372,827	3,450,975	10,309,561	13,940,805	23,371,575	577,982	52,023,726
Limited Entry Longline and Fishpot							
>0% & <5%	305,169	1,246,090	386,687	0	0	0	1,937,946
>5% & <35%	672,139	1,800,168	1,041,194	1,033,560	847,678	0	5,394,739
>35% & <65%	1,476,118	2,312,510	1,756,501	2,058,800	250,586	0	7,854,515
>65% & <95%	789,669	598,901	237,918	0	0	0	1,626,488
>95% & <100%	1,271,340	679,096	420,250	19,026	23,686	5,358	2,418,756
No Groundfish Landing In Base Period	215,379	266,313	488,684	82,592	0	0	1,052,968
Total	4,729,814	6,903,078	4,331,234	3,193,978	1,121,950	5,358	20,285,412
Open Access with >5% From Groundfish							
>5% & <35%	4,321,362	1,568,644	135,567	230,097	4,094	0	6,259,764
>35% & <65%	1,385,880	182,777	9,730	0	0	0	1,578,387
>65% & <95%	1,386,170	199,754	0	0	2,501	3,734	1,592,159
>95% & <100%	2,752,570	460,004	47,124	2,287	0	97,603	3,359,588
Total	9,845,982	2,411,179	192,421	232,384	6,595	101,337	12,789,898
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	12,215,985	6,261,870	3,492,986	5,359,397	5,236,348	3,367	32,569,953
No Groundfish Landing In Base Period	38,231,406	22,436,667	26,343,670	12,444,865	26,130,590	523,167	126,110,365
Total	50,447,391	28,698,537	29,836,656	17,804,262	31,366,938	526,534	158,680,318
Groundfish Vessel Total	27,164,608	19,027,102	18,326,202	22,726,564	29,736,468	688,044	117,668,989
Grand Total	65,396,014	41,463,769	44,669,872	35,171,429	55,867,058	1,211,211	243,779,354
Limited Entry Trawl	Total Groundfish Exvessel Revenue (\$)						
>0% & <5%	0	2,711	6,339	0	1,425	0	10,475
>5% & <35%	19,428	43,784	157,768	253,150	47,284	0	521,414
>35% & <65%	29,954	455,343	1,150,602	728,615	2,391,219	0	4,755,733
>65% & <95%	0	977,218	3,240,980	6,428,795	6,800,692	0	17,447,685
>95% & <100%	106,787	273,082	3,097,003	4,278,678	9,886,011	577,982	18,219,543
No Groundfish Landing In Base Period	0	0	0	0	0	0	0
Total	156,169	1,752,138	7,652,692	11,689,238	19,126,631	577,982	40,954,850
Limited Entry Longline and Fishpot							
>0% & <5%	4,354	12,410	13,019	4	0	0	29,787
>5% & <35%	161,449	311,302	206,628	275,907	289,030	0	1,244,316
>35% & <65%	616,385	674,807	851,658	765,290	95,876	0	3,004,016
>65% & <95%	806,958	1,124,427	195,606	228,219	0	0	2,355,210
>95% & <100%	1,260,140	663,360	407,616	19,026	23,076	5,358	2,378,576
No Groundfish Landing In Base Period	0	0	0	0	0	0	0
Total	2,849,286	2,786,306	1,674,527	1,288,446	407,982	5,358	9,011,905
Open Access with >5% From Groundfish							
>5% & <35%	572,972	181,882	27,222	16,095	323	0	798,494
>35% & <65%	638,089	79,881	4,062	0	0	0	722,032

TABLE 3.3-24b Exvessel revenue by fleet category, level of dependence and vessel size category (values for base period (November 2000 through October 2001)).

	Vessel Size Category						Total
	<40'	40'-50'	50'-60'	60'-70'	<150'	No Length	
>65% & <95%	1,291,863	157,323	0	0	1,777	3,363	1,454,326
>95% & <100%	2,722,871	456,863	47,124	2,287	0	97,460	3,326,605
Total	5,225,795	875,949	78,408	18,382	2,100	100,823	6,301,457
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	130,599	42,398	35,227	56,911	68,603	54	333,792
No Groundfish Landing In Base Period	0	0	0	0	0	0	0
Total	130,599	42,398	35,227	56,911	68,603	54	333,792
Groundfish Vessel Total	8,361,849	5,456,791	9,440,854	13,052,977	19,605,316	684,217	56,602,004
Grand Total	8,361,849	5,456,791	9,440,854	13,052,977	19,605,316	684,217	56,602,004

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-25 Number of vessels by length class, INPFC area, gear and species groups for the base period (November 2000 through October 2001).

			Vessel Length Category					
Gear and Species	<40'	40'-50'	50'-60'	60'-70'	70'-150'	>150'	Unspecified	Total
Vancouver INPFC Area								
Limited Entry Trawl								
Whiting	0	0	1	3	13	0	0	17
Sablefish	1	10	17	22	31	0	0	81
Nearshore Species	1	6	10	9	9	0	0	35
Shelf Species	1	10	16	23	31	0	0	81
Slope Species	1	10	16	22	30	0	0	79
Limited Entry Fixed Gear								
Sablefish	9	17	6	1	3	0	0	36
Nearshore Species	1	2	1	0	0	0	0	4
Shelf Species	10	14	5	0	2	0	0	31
Slope Species	8	16	5	1	3	0	0	33
Open Access >5% Revenue from Groundfish								
Sablefish	13	3	1	0	0	0	1	18
Nearshore Species	7	0	0	0	0	0	0	7
Shelf Species	19	5	0	0	0	0	1	25
Slope Species	7	4	0	0	0	0	1	12
Open Access <5% Revenue from Groundfish								
Sablefish	0	1	2	1	1	0	0	5
Nearshore Species	2	11	3	1	1	0	0	18
Shelf Species	0	1	0	0	0	0	0	1
Slope Species	13	26	7	0	3	0	0	49
Nongroundfish Fisheries								
Shrimps and Prawns	0	0	2	3	3	0	0	8
Crabs	7	11	26	7	6	0	0	57
Salmon	13	20	2	1	4	0	0	40
HMS	2	3	2	3	5	0	0	15
CPS	0	2	6	1	15	0	0	24
Other	3	12	13	13	27	0	0	68
Columbia INPFC Area								
Limited Entry Trawl								
Whiting	-	2	1	8	35	0	6	52
Sablefish	3	10	21	38	51	0	4	127
Nearshore Species	1	10	17	19	15	0	0	62
Shelf Species	3	12	21	38	60	0	6	140
Slope Species	3	10	20	38	54	0	4	129
Limited Entry Fixed Gear								
Sablefish	12	27	14	6	2	0	1	62
Nearshore Species	3	3	2	0	0	0	0	8
Shelf Species	14	24	8	5	0	0	0	51
Slope Species	8	20	8	5	1	0	0	42
Open Access >5% Revenue from Groundfish								
Sablefish	25	12	4	2	1	0	2	46
Nearshore Species	55	5	1	0	0	0	0	61
Shelf Species	57	8	2	1	0	0	1	69
Slope Species	8	4	2	1	0	0	2	17
Open Access <5% Revenue from Groundfish								
Sablefish	19	16	10	17	17	0	0	79
Nearshore Species	35	7	2	4	3	0	0	51
Shelf Species	120	47	15	22	18	0	0	222
Slope Species	16	6	7	12	11	0	0	52
Nongroundfish Fisheries								
Halibut	104	73	24	8	12	0	1	222
Shrimps and Prawns	0	2	17	43	36	0	0	98
Crabs	167	135	90	42	32	0	0	466
Salmon	340	123	20	7	30	0	5	525
HMS	162	223	117	57	37	0	1	597
CPS	2	10	16	10	41	0	6	85
Other	51	32	40	42	58	0	7	230

TABLE 3.3-25 Number of vessels by length class, INPFC area, gear and species groups for the base period (November 2000 through October 2001).

October 2007:

Gear and Species	Vessel Length Category						Unspecified	Total
	<40'	40'-50'	50'-60'	60'-70'	70'-150'	>150'		
Eureka INPFC Area								
Limited Entry Trawl								
Whiting	0	2	0	2	12	0	0	16
Sablefish	1	14	29	27	28	0	0	99
Nearshore Species	1	11	21	13	7	0	0	53
Shelf Species	2	14	29	25	30	0	0	100
Slope Species	2	14	31	28	29	0	0	104
Limited Entry Fixed Gear								
Sablefish	19	8	3	0	0	0	0	30
Nearshore Species	19	3	2	0	0	0	0	24
Shelf Species	22	6	2	0	0	0	0	30
Slope Species	20	4	1	0	0	0	0	25
Open Access >5% Revenue from Groundfish								
Sablefish	24	2	0	0	0	0	0	26
Nearshore Species	138	3	1	0	0	0	1	143
Shelf Species	133	3	1	0	0	0	0	137
Slope Species	76	1	0	0	0	0	0	77
Open Access <5% Revenue from Groundfish								
Sablefish	2	1	0	0	0	0	0	3
Nearshore Species	23	1	1	0	2	0	0	27
Shelf Species	20	4	1	5	3	0	0	33
Slope Species	5	0	0	2	1	0	0	8
Nongroundfish Fisheries								
Halibut	10	9	6	1	2	0	0	28
Shrimps and Prawns	1	6	10	12	8	0	0	37
Crabs	160	74	38	9	11	0	0	292
Salmon	74	23	1	0	3	0	0	101
HMS	39	33	27	9	7	1	0	116
CPS	1	0	1	2	11	0	0	15
Other	154	23	33	23	23	0	1	257
Monterey INPFC Area								
Limited Entry Trawl								
Whiting	0	0	0	1	1	0	0	2
Sablefish	1	5	22	17	11	0	0	56
Nearshore Species	1	7	12	8	5	0	0	33
Shelf Species	1	7	23	18	12	0	0	61
Slope Species	1	7	24	18	12	0	0	62
Limited Entry Fixed Gear								
Sablefish	15	12	3	1	0	0	0	31
Nearshore Species	12	4	1	0	0	0	0	17
Shelf Species	16	8	3	0	0	0	0	27
Slope Species	17	10	3	1	0	0	0	31
Open Access >5% Revenue from Groundfish								
Sablefish	62	20	3	0	0	0	0	85
Nearshore Species	218	12	5	1	0	0	7	243
Shelf Species	207	13	4	2	0	0	5	231
Slope Species	59	12	3	0	0	0	0	74
Open Access <5% Revenue from Groundfish								
Sablefish	8	3	0	0	0	0	1	12
Nearshore Species	31	3	0	0	0	0	0	34
Shelf Species	35	12	0	1	0	0	0	48
Slope Species	7	3	1	1	0	0	0	12
Nongroundfish Fisheries								
Halibut	152	16	11	3	3	0	0	185
Shrimps and Prawns	5	1	8	4	4	0	0	22
Crabs	138	65	22	8	4	0	0	237
Salmon	505	141	24	1	0	0	0	671
HMS	112	72	40	9	9	0	0	242
CPS	13	10	10	4	6	0	1	44

TABLE 3.3-25 Number of vessels by length class, INPFC area, gear and species groups for the base period (November 2000 through October 2001).

Gear and Species	Vessel Length Category						Unspecified	Total
	<40'	40'-50'	50'-60'	60'-70'	70'-150'	>150'		
Other	361	35	22	16	11	0	4	449
Conception INPFC Area								
Limited Entry Trawl								
Whiting	0	0	0	0	1	0	0	1
Sablefish	0	0	5	6	2	0	0	13
Nearshore Species	0	0	4	1	0	0	0	5
Shelf Species	0	0	5	7	2	0	0	14
Slope Species	0	0	4	7	2	0	0	13
Limited Entry Fixed Gear								
Sablefish	15	4	0	0	0	0	0	19
Nearshore Species	10	3	1	0	0	0	0	14
Shelf Species	15	4	1	0	0	0	0	20
Slope Species	16	4	0	0	0	0	0	20
Open Access >5% Revenue from Groundfish								
Sablefish	6	4	0	0	0	0	0	10
Nearshore Species	208	22	1	2	0	0	1	234
Shelf Species	170	16	1	1	1	0	0	189
Slope Species	57	14	0	2	1	0	0	74
Open Access <5% Revenue from Groundfish								
Sablefish	4	2	1	0	0	0	0	7
Nearshore Species	95	26	4	0	0	0	0	125
Shelf Species	62	17	3	2	3	0	0	87
Slope Species	36	9	3	3	2	0	0	53
Halibut	157	33	5	6	0	0	0	201
Shrimps and Prawns	39	19	8	8	5	0	0	79
Crabs	238	36	7	2	1	0	0	284
HMS	221	78	34	17	50	0	0	400
CPS	69	37	41	12	20	0	0	179
Other	487	83	24	9	33	0	1	637
All Ocean Areas (Council Managed 0-200 Miles)								
Limited Entry Trawl								
Whiting	0	4	1	10	40	0	6	61
Sablefish	4	26	61	54	73	0	4	222
Nearshore Species	3	28	48	36	31	0	0	146
Shelf Species	4	30	61	54	80	0	6	235
Slope Species	4	27	60	54	76	0	4	225
Limited Entry Fixed Gear								
Sablefish	61	61	23	8	4	0	1	158
Nearshore Species	39	13	5	0	0	0	0	57
Shelf Species	65	50	16	5	2	0	0	138
Slope Species	63	48	15	7	3	0	0	136
Open Access >5% Revenue from Groundfish								
Sablefish	128	39	7	2	1	0	2	179
Nearshore Species	566	39	7	3	0	0	8	623
Shelf Species	542	41	7	4	1	0	6	601
Slope Species	207	34	5	3	1	0	2	252
Open Access <5% Revenue from Groundfish								
Sablefish	33	23	11	18	17	0	1	103
Nearshore Species	183	37	7	4	5	0	0	236
Shelf Species	234	84	20	28	22	0	0	388
Slope Species	64	19	11	17	14	0	0	125
Nongroundfish Fisheries								
Halibut	431	149	49	18	20	0	1	668
Shrimps and Prawns	44	28	38	58	45	0	0	213
Crabs	692	302	147	59	46	0	0	1,246
Salmon	855	252	43	8	31	0	5	1,194
HMS	511	324	160	75	94	1	1	1,666
CPS	85	51	60	23	63	0	7	289
Other	1,005	165	107	67	111	0	13	1,468

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-26. Number of buyers and groundfish buyers^{a/} on the West Coast in the year 2000 (excluding at-sea whiting deliveries). (Page 1 of 1)

Buyers' Total Expenditures on West Coast Harvest (Groundfish and Nongroundfish)	All Buyers	Nongroundfish Buyers	Groundfish Buyers	Groundfish Buyers as % of Category	Trawl-Caught Groundfish Buyers	Nontrawl-Only Groundfish Buyers
>\$2 Million	21	2	19	90%	17	2
\$1-\$2 Million	33	14	19	58%	11	8
\$300 Thousand - \$1 Million	98	36	62	63%	33	29
\$100-\$300 Thousand	121	49	72	60%	23	49
\$20-\$100 Thousand	273	123	150	55%	19	131
\$5 Thousand-\$20 Thousand	372	224	148	40%	11	137
<\$5 Thousand	862	600	262	30%	11	251
Total	1,780	1,048	732	41%	125	607

a/ Data for West Coast ocean area landings made to West Coast ports derived from PacFIN monthly vessel summary files.

TABLE 3.3-27. Value of purchases (\$1,000) by West Coast buyers (groundfish and nongroundfish) in the year 2000. (Page 1 of 1)

	All Buyers	Groundfish Buyers					
	Total Purchases	All Species (All West Coast Purchases by All Groundfish Buyers)			Groundfish (All West Coast Purchases)		
		Total Purchases	As % of All West Coast Purchases	Cumulative Percent of All West Coast Purchases	Groundfish Purchases	Percent of Total Groundfish	Cumulative Percent of Total Groundfish
>\$2 Million	95,742	90,762	38%	38%	28,680	53%	53%
\$1-\$2 Million	45,343	25,851	11%	49%	8,585	16%	68%
\$300 Thousand-\$1 Million	56,115	36,527	15%	65%	11,278	21%	89%
\$100-\$300 Thousand	21,427	12,543	5%	70%	3,269	6%	95%
\$20-\$100 Thousand	12,881	7,297	3%	73%	2,023	4%	99%
\$5 Thousand-\$ 20 Thousand	3,989	1,519	1%	74%	501	1%	100%
<\$5 Thousand	1,278	426	0%	74%	218	0%	100%
Total	236,775	174,926			54,554		

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-28. Groundfish buyers' expenditures on all species and groundfish (\$1,000) in the year 2000 (excludes at-sea whiting). (Page 1 of 1)

	Buying Groundfish from Limited Entry Trawl Vessels						Buying Groundfish from Nontrawl Only				All Buyers
	Trawl Expenditure			Nontrawl Expenditures							
	Total		As a % of Grand Total Trawl Expenditures	Total		As a % of Grand Total Nontrawl Expenditures	Total		Nontrawl Expenditures	As a % of Grand Total Nontrawl Expenditures	Grand Total Nontrawl Expenditures
	Number	(All Species) Expenditures		Expenditures			Number	Expenditures			
>\$2 Million	17	80,726	22,904	60%	5,773	35%	2	10,036	3	0%	5,776
\$1-2 Million	11	15,874	6,898	18%	699	4%	8	9,976	988	6%	1,686
\$300 Thousand-\$1 Million	33	20,226	6,419	17%	2,957	18%	29	16,301	1,902	12%	4,859
\$100-\$300 Thousand	23	3,765	1,515	4%	235	1%	49	8,778	1,519	9%	1,754
\$20-\$100 Thousand	19	990	234	1%	249	2%	131	6,307	1,540	9%	1,789
\$5 Thousand-\$20 Thousand	11	132	80	0%	16	0%	137	1,386	405	2%	421
<\$5 Thousand	11	24	20	0%	0	0%	251	402	197	1%	197
	125	121,739	38,071	100%	9,929	60%	607	53,187	6,554	40%	16,483

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-29. Number of buyers^{a/} by amounts of purchases, and proportions of purchases that are groundfish, from trawl vessels, from nontrawl vessels in the year 2000 (excludes at-sea whiting deliveries). (Page 1 of 1)

Buyers Total Expenditures on West Coast Harvest (Groundfish and Nongroundfish)	Number of		Percent of Purchases That Are:																				
			Groundfish							Groundfish Caught with LE Trawl Gear							Groundfish Caught With Other Gear						
	All Buyers	Ground-fish Buyers	None	<5%	5%-35%	35%-65%	65%-95%	>95%	None	<5%	5%-35%	35%-65%	65%-95%	>95%	None	<5%	5%-35%	35%-65%	65%-95%	>95%			
Number of Buyers (All)																							
>\$2 Million	21	19		2	4	8	5	2	0		Same as below						2	9	10	0	0	0	
\$1-\$2 Million	33	19		14	4	9	3	3	0								15	12	5	1	0	0	
\$300 Thousand-\$1 Million	98	62		36	26	15	6	10	5								44	34	12	3	3	2	
\$100-\$300 Thousand	121	72		49	37	12	10	6	7								56	41	12	6	3	3	
\$33-\$100 Thousand	183	100		83	56	19	5	5	15								86	56	19	4	4	14	
\$5-\$33 Thousand	462	198		264	80	43	16	21	38								274	81	43	16	18	30	
<\$5 Thousand	862	262		600	50	42	29	24	117								610	51	42	26	24	109	
Total	1,780	732		1,048	257	148	74	71	182								1,087	284	143	56	52	158	
Buyers Buying from Trawl Vessels																							
>\$2 Million	17	17		0	2	8	5	2	0		-	3	10	4	0	0		0	7	10	0	0	0
\$1-\$2 Million	11	11		0	0	6	2	3	0		-	1	5	2	3	0		1	8	2	0	0	0
\$300 Thousand-\$1 Million	33	33		0	6	9	5	10	3		-	11	9	5	7	1		8	14	6	2	3	0
\$100-\$300 Thousand	23	23		0	6	4	5	4	4		-	10	2	4	3	4		7	10	4	1	1	0
\$33-\$100 Thousand	13	13		0	2	4	2	3	2		-	6	5	0	1	1		3	2	4	1	2	1
\$5-\$33 Thousand	17	17		0	1	4	1	3	8		-	2	4	1	4	6		10	2	4	1	0	0
<\$5 Thousand	11	11		0	0	0	3	0	8		-	0	0	3	0	8		10	1	0	0	0	0
Buyers NOT Buying from Trawl Vessels																							
>\$2 Million	4	2		2	2	0	0	0	0		4	-	-	-	-	-		Same as to far left					
\$1-\$2 Million	22	8		14	4	3	1	0	0		22	-	-	-	-	-							
\$300 Thousand-\$1 Million	65	29		36	20	6	1	0	2		65	-	-	-	-	-							
\$100-\$300 Thousand	98	49		49	31	8	5	2	3		98	-	-	-	-	-							
\$33-\$100 Thousand	170	87		83	54	15	3	2	13		170	-	-	-	-	-							
\$5-\$33 Thousand	445	181		264	79	39	15	18	30		445	-	-	-	-	-							
<\$5 Thousand	851	251		600	50	42	26	24	109		851	-	-	-	-	-							

a/ Each unique combination of buyer license and PacFIN port is counted as a separate buyer. In some cases, a particular buyer may have a presence in a port (be buying through a port), but have no facilities at that port. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-30. Number buyers^{a/} (groundfish and nongroundfish) by number of months of buying and exvessel value of purchases in the year 2000 (excluding at-sea whiting deliveries). (Page 1 of 1)

Year 2000 (excluding at sea whiting deliveries): (Page 1 of 1)													
	Number of Months During Which Purchases Were Made												
	1	2	3	4	5	6	7	8	9	10	11	12	Total
Number of Buyers NOT Buying Groundfish													
>\$2 Million	0	0	0	0	0	0	0	0	0	0	0	2	2
\$1-\$2 Million	0	0	0	0	0	0	1	0	1	3	6	3	14
\$300 Thousand-\$1 Million	0	0	3	3	2	3	3	4	3	3	5	7	36
\$100-\$300 Thousand	1	4	6	4	3	4	2	4	7	4	4	6	49
\$20-\$100 Thousand	15	23	21	10	11	14	3	2	7	8	4	5	123
\$5 Thousand-\$20 Thousand	54	45	36	25	19	11	5	7	7	5	4	6	224
<\$5 Thousand	388	113	59	16	9	7	2	2	0	1	1	2	600
Total	458	185	125	58	44	39	16	19	25	24	24	31	1,048
Groundfish Buyers that Buy from Groundfish Limited Entry Trawl Vessels													
>\$2 Million	0	0	0	0	0	0	0	0	0	0	1	16	17
\$1-\$2 Million	0	0	0	0	0	0	0	0	0	1	2	8	11
\$300 Thousand-\$1 Million	0	0	0	2	0	3	1	4	1	0	7	15	33
\$100-\$300 Thousand	0	0	1	6	2	1	0	5	0	1	5	2	23
\$20-\$100 Thousand	0	4	4	2	0	1	0	1	0	1	2	4	19
\$5 Thousand-\$20 Thousand	2	3	0	1	1	2	0	0	0	0	0	2	11
<\$5 Thousand	7	2	2	0	0	0	0	0	0	0	0	0	11
Total	9	9	7	11	3	7	1	10	1	3	17	47	125
Groundfish Buyers that Do Not Buy from Groundfish Limited Entry Trawl Vessels													
>\$2 Million	0	0	0	0	0	0	0	0	0	0	0	2	2
\$1-\$2 Million	0	0	0	0	0	0	0	0	0	2	2	4	8
\$300 Thousand-\$1 Million	0	2	0	0	2	0	3	1	2	1	5	13	29
\$100-\$300 Thousand	0	0	0	0	1	3	4	0	6	5	7	23	49
\$20-\$100 Thousand	3	6	10	7	9	18	12	9	10	7	12	28	131
\$5 Thousand-\$20 Thousand	8	21	22	14	13	11	15	12	6	4	8	3	137
<\$5 Thousand	118	54	28	17	10	8	8	6	0	1	1	0	251
Total	129	83	60	38	35	40	42	28	24	20	35	73	607
Grand Total	596	277	192	107	82	86	59	57	50	47	76	151	1,780

a/ Each unique combination of buyer license and PacFIN port is counted as a separate buyer. In some cases, a particular buyer may have a presence in a port (be buying through a port), but have no facilities at that port. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-31. Number of groundfish buyers^{a/} by seasonality of activity and amounts of purchases (exvessel value) for the year 2000 (excludes at-sea deliveries).

Month During Which Any Species Was Purchased (Groundfish and Nongroundfish)	Groundfish Buyers Total Expenditures on West Coast Landings							Totals
	>\$2 Million	\$1-\$2 Million	\$300 Thousand - \$1 Million	\$100-\$300 Thousand	\$33-\$100 Thousand	\$5-\$33 Thousand	<\$5 Thousand	
Number of Processors								
Year Round	18	12	28	25	32	5	0	120
11 Month	1	4	12	12	14	8	1	52
10 Month	-	3	1	6	8	4	1	23
9 Month	-	-	3	6	10	6	0	25
7-8 Month	-	-	9	9	22	27	14	81
4-6 Month	-	-	7	13	37	42	35	134
1-3 Month	-	-	2	1	27	56	211	297
	19	19	62	72	150	148	262	732
Percent processing 10 or more months a year	100%	100%	66%	60%	36%	11%	1%	27%
Number of 11 Month Buyers by Month Not Buying								
January			1	2	2			5
February				3	2	3		8
March		1		1	2			4
April			3	1				4
May								0
June						1		1
July				1	1			2
August						1		1
September			2		1	1		4
October		1			1	2		4
November	1	2	6	1	4			14
December				3	1		1	5
Number of 10 Month Buyers by Months Not Buying								
January-February				1	1			2
January, March					2	1		3
January, November					1			1
January, July							1	1
January, October						1		1
February-March		1			1			2
February, December		1						1
February, September						1		1
March-April					1			1
March, May					1			1
August-September				1				1
October-November		1	1	1	1			4
November-December				3		1		4

TABLE 3.3-31. Number of groundfish buyers^{a/} by seasonality of activity and amounts of purchases (exvessel value) for the year 2000 (excludes at-sea deliveries).

		Groundfish Buyers Total Expenditures on West Coast Landings							
Month During Which Any Species Was Purchased (Groundfish and Nongroundfish)	>\$2 Million	\$1-\$2 Million	\$300 Thousand - \$1 Million	\$100-\$300 Thousand	\$33-\$100 Thousand	\$5-\$33 Thousand	<\$5 Thousand	Totals	
	Number of 10 and 11 Month Buyers Not Buying in Each Month								
January			1	3	6	2	1	13	
February		2		4	4	4		14	
March		2		1	7	2		12	
April			3	1	1			5	
May					1			1	
June						1		1	
July				1	1		1	3	
August				1		1		2	
September			2	1	1	2		6	
October		2	1	1	2	3		9	
November	1	3	7	5	6	1		22	
December		1		6	1	1	1	10	

a/ Each unique combination of buyer license and PacFIN port is counted as a separate buyer. In some cases, a particular buyer may have a presence in a port (be buying through a port), but have no facilities at that port. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-32. Number groundfish buyers^{a/} by number of months of buying groundfish and exvessel value of purchases of all species in the year 2000 (excluding at-sea whiting deliveries). (Page 1 of 1)

	Number of Months During Which Groundfish Purchases Were Made												Total
	1	2	3	4	5	6	7	8	9	10	11	12	
Number of Buyers													
>\$2 Million	0	0	1	2	0	2	0	0	1	0	2	11	19
\$1-\$2 Million	0	1	2	0	0	0	1	3	2	0	3	7	19
\$300 Thousand-\$1 Million	5	3	4	5	7	4	6	5	2	1	4	16	62
\$100-\$300 Thousand	8	8	5	11	4	2	3	5	4	4	10	8	72
\$20-\$100 Thousand	24	15	4	3	8	8	8	7	1	5	7	10	100
\$5 Thousand-\$20 Thousand	62	42	23	15	12	16	7	8	5	5	1	2	198
<\$5 Thousand	175	46	22	7	8	0	2	1	1	0	0	0	262
Total	274	115	61	43	39	32	27	29	16	15	27	54	732
Groundfish Buyers that Buy from Groundfish Limited Entry Trawl Vessels													
>\$2 Million	0	0	1	1	0	1	0	0	1	0	2	11	17
\$1-\$2 Million	0	0	0	0	0	0	1	1	2	0	1	6	11
\$300 Thousand-\$1 Million	0	0	2	3	2	4	3	4	1	0	3	11	33
\$100-\$300 Thousand	1	1	4	6	2	0	0	1	3	0	4	1	23
\$20-\$100 Thousand	1	4	0	0	0	1	1	0	1	0	2	3	13
\$5 Thousand-\$20 Thousand	3	6	3	2	1	0	0	0	0	0	0	2	17
<\$5 Thousand	7	3	1	0	0	0	0	0	0	0	0	0	11
Total	12	14	11	12	5	6	5	6	8	0	12	34	125
Groundfish Buyers that Do Not Buy from Groundfish Limited Entry Trawl Vessels													
>\$2 Million	0	0	0	1	0	1	0	0	0	0	0	0	2
\$1-\$2 Million	0	1	2	0	0	0	0	2	0	0	2	1	8
\$300 Thousand-\$1 Million	5	3	2	2	5	0	3	1	1	1	1	5	29
\$100-\$300 Thousand	7	7	1	5	2	2	3	4	1	4	6	7	49
\$20-\$100 Thousand	23	11	4	3	8	7	7	7	0	5	5	7	87
\$5 Thousand-\$20 Thousand	59	36	20	13	11	16	7	8	5	5	1	0	181
<\$5 Thousand	168	43	21	7	8	0	2	1	1	0	0	0	251
Total	262	101	50	31	34	26	22	23	8	15	15	20	607

a/ Each unique combination of buyer license and PacFIN port is counted as a separate buyer. In some cases, a particular buyer may have a presence in a port (be buying through a port), but have not facilities at that port. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-33. By port, number of buyers by species group (for groundfish purchases, separation is made between groundfish limited entry trawl, groundfish limited entry fixed gear, and open access deliveries of groundfish).

	Categories of Groundfish Deliveries												Categories of Nongroundfish Deliveries						
	Limited Entry									Open Access			All Vessels						
	Trawl				Fixed Gear								All Gears						
	Sablefish	Whiting	Flatfish	Dover/Thornyheads	Rockfish	Other Groundfish	Sablefish	Rockfish	Other Groundfish	Sablefish	Rockfish	Other Groundfish	Halibut	Shrimp/Prawns	Crab/Lobster	Salmon	HMS	CPS	Other Species
Blaine	1	1	1	1	1	2			1						4		1		1
Bellingham	1		1	1	1	2	2	1	2	1	1	1		1	7		1		2
Anacortes															3		1		
La Conner							1	1											
Everett															1				
Seattle							1	1	1					1	7		5		
Tacoma																	1		
Olympia															1				
Shelton															1				
Centralia	1		1	1	1	1								1	1				1
Port Townsend					1		1	1	1					1	1	1	1		1
Port Angeles	1		1	1	1	1	1	1	1	1	1	2	2		1	2	1		1
Neah Bay	4		4	4	4	4	1			2	2	3	2			1			4
La Push							1	1	1	1	1	1			1	1	1		1
Quillayute															1		3		
Copalis							1		1				1	1	1				
Aberdeen							1	1	1	1	2	2	1		2	3	3	1	
Westport (WA)	3	1	2	2	5	4	4	2	3	6	6	9	6	12	17	11	11	2	4
Tokeland							1	1		3	2	2	1	5	10		1		6
Ilwaco	2	1	2	2	2	2	2	2	1	2	2	2	6	2	7	4	6	2	3
Pacific County															2		1		
Astoria	5	3	7	6	7	6	6	4	3	5	6	6	9	7	7	16	11	6	5
Gearhart-Seaside																4	1		2
Cannon Beach																2			
Nehalem Bay														2	1				2
Garibaldi (Tillamook)	3		3	3	3	3				4	11	12	8	5	10	15	6		13
Netarts														2					
Pacific City											3	4		5	4	2	2		2
Depoe Bay										2	4	3	2		5	5	1		4
Newport	6	3	6	5	6	6	8	6	9	5	22	20	21	8	22	37	31	4	11
Waldport														7	7				
Florence			1		1		2	1	1	1	3	2	3	3	8	7	7		1
Winchester							1	2	2		2	3	6	2	10	11	11	1	2
Charleston (Coos Bay)	3	2	5	4	4	6	4	5	3	5	13	13	12	5	8	25	22	2	12

TABLE 3.3-33. By port, number of buyers by species group (for groundfish purchases, separation is made between groundfish limited entry trawl, groundfish limited entry fixed gear, and open access deliveries of groundfish).

	Categories of Groundfish Deliveries											Categories of Nongroundfish Deliveries							
	Limited Entry									Open Access		All Vessels							
	Trawl				Fixed Gear					All Gears									
	Sablefish	Whiting	Flatfish	Dover/Thornyheads	Rockfish	Other Groundfish	Sablefish	Rockfish	Other Groundfish	Sablefish	Rockfish	Other Groundfish	Halibut	Shrimp/Prawns	Crab/Lobster	Salmon	HMS	CPS	Other Species
Bandon										4	3		3		1	11	3		
Port Orford							3	4	4	2	6	5	3	1	6	7	2		5
Gold Beach								2	1		9	8	1	1	3	1			7
Brookings	5	1	6	5	5	5	1	3	3	3	13	10	1	6	13	12	8		12
Crescent City	4	1	4	4	6	5	4	6	5	5	16	12	2	11	22	3	10	1	9
Requa																			1
Trinidad											4	4			10	2			
Eureka Area	3	1	4	3	3	2	5	8	7	7	11	11	2	2	19	7	8	1	8
Fields Landing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	1	1
Orick	1		1	1						2	8	7	1	1	8	5	1		3
Fort Bragg	5		5	3	5	6	3	3	2	3	12	9	2	6	14	13	7		14
Albion								2	1		4	5			1	2			10
Point Arena	1				1	1				1	4	6		1	4	6	2		7
Elk	1		1	1	1	1				3				2	5	2			5
Bay	6		6	6	5	5	3	7	4	2	21	20	6	3	15	34	7	2	13
Cloverdale											5	5	4	6	5	7	2		7
Yountville			1		1						6	4	3	6	4	4	1	1	14
Tomaes Bay											1	2				1			1
Point Reyes													1		1	2			1
Sausalito											1	1	2		1	7	1		2
Oakland											4	2				3	1		4
Alameda											3	2	2		3	3	1		2
Berkeley								5	5	1	10	8	4		4	13	4		11
Richmond							1	1			3	2	3	3	1	5			1
San Francisco	7		8	8	8	8	4	19	13	9	28	25	20	4	16	19	10	2	38
Princeton	7	1	7	6	7	7	2	7	4	7	28	18	18	3	33	54	11	8	15
Gilroy											6	6	3			1			3
Santa Cruz	6		7	4	6	5	3	3	1	5	14	11	10		13	28	10	5	11
Moss Landing	7		9	7	9	7	7	9	6	6	13	13	13	5	6	41	13	6	11
Monterey	2	3	3	2	3	3	1	2	2	3	19	19	5	10	5	8	9	7	13
San Simeon											5	4	1			2			3

TABLE 3.3-33. By port, number of buyers by species group (for groundfish purchases, separation is made between groundfish limited entry trawl, groundfish limited entry fixed gear, and open access deliveries of groundfish).^{a/}

	Categories of Groundfish Deliveries											Categories of Nongroundfish Deliveries							
	Limited Entry								Open Access			All Vessels							
	Trawl				Fixed Gear							All Gears							
	Sablefish	Whiting	Flatfish	Dover/Thornyheads	Rockfish	Other Groundfish	Sablefish	Rockfish	Other Groundfish	Sablefish	Rockfish	Other Groundfish	Halibut	Shrimp/Prawns	Crab/Lobster	Salmon	HMS	CPS	Other Species
Morro Bay	4		7	3	7	5	4	12	4	5	17	17	9	11	8	19	30	1	26
Avila	3		3	2	3	1	3	3	1		10	10	4	5	8	8	8	1	8
Santa Barbara			4		3	3		1	2	1	20	29	27	34	35	2	6	16	58
Santa Cruz Island										1	2	1			2				3
Port Hueneme							1	1			5	5	2	3			1	12	9
Oxnard							3	9	9	5	14	26	24	15	23		15	11	50
Ventura	1		1	1			2	2	1	3	15	24	21	18	24	1	16	11	36
Terminal Island							5	5	3	6	10	16	15	12	12		16	10	48
San Pedro							2	3	1		2	13	13	6	21		24	16	35
Willmington							1	1	1				1				3	1	3
Catalina Island							3	5	2	4	10	9	10	7	26	1	11	12	26
Long Beach							1	1	1	1	4	5	3	4	3		5	3	18
Newport Beach							2	2	2	1	2	4	4	2	9		7	3	11
Dana Point							3	3	1			3		6	17		10		16
North Shore										7	11	15	10	9	25		19	4	30
San Diego										5	13	13	12	6	26		25	7	30
Oceanside							2	2	1	2	3	7	11	4	14		11	2	13
Inside California											2	1		3	7		2		5
Total Buying "Locations"	94	19	112	87	111	102	108	162	119	140	480	506	360	287	626	482	451	162	735

a/ With respect to groundfish, all groundfish purchases from a vessel with a limited entry trawl permit were counted as trawl limited entry trawl purchases (including purchases from vessels with permits endorsed for both trawl and fixed gear). A buyer that purchases sablefish from both trawl and fixed gear groundfish limited entry vessels will show up at least twice in the same row. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-34 Recreational fishery harvest for 2001 by region for charter and private boats (mt) (RecFIN data). (Page 1 of 1)

Area	Fishing Mode	Lingcod	Nearshore Rockfish	Shelf Rockfish	Other Nearshore Groundfish	Other Shelf Groundfish	Other Groundfish	Total Groundfish	Salmon	Halibut	Highly Migratory Species	Other	Total
Washington	Charter	17	153	11	1	0	0	182	33	105	0	0	320
	Private	15	20	10	3	0	0	48	38	103	0	0	189
	Total	32	175	21	3	0	0	231	70	208	0	0	509
Oregon	Charter	53	274	33	10	0	0	370	91	21	0	7	489
	Private	60	282	12	33	0	0	387	1,108	3	11	176	1,685
	Total	114	557	46	42	0	0	759	1,199	24	11	183	2,176
N. California	Charter	41	351	316	20	0	0	728	187	0	80	53	1,048
	Private	90	290	111	439	15	0	945	1,384	0	387	1,048	3,764
	Total	131	642	426	460	16	0	1,675	1,572	0	467	1,100	4,814
S. California	Charter	4	26	73	47	14	1	165	0	0	348	1,088	1,601
	Private	19	15	112	78	26	2	252	0	0	411	1,907	2,570
	Total	23	41	186	125	41	3	419	0	0	759	2,999	4,177
California	Charter	45	377	389	67	14	1	893	187	0	428	1,141	2,649
	Private	109	305	223	517	41	2	1,197	1,384	0	798	2,955	6,334
	Total	154	683	612	585	57	3	2,094	1,572	0	1,226	4,099	8,991
West Coast	Charter	115	804	433	78	14	1	1,445	311	126	428	1,148	3,458
	Private	184	607	245	553	41	2	1,632	2,530	106	809	3,131	8,208
	Total	300	1,415	679	630	57	3	3,084	2,841	232	1,237	4,282	11,676

TABLE 3.3-35 Effort, personal income, and jobs related to the recreational ocean fisheries off Washington, Oregon, and California in 2001.

Area		Angler Trips (1,000's)			Coastal Community Income Impacts for the Recreational Fishery			
					(\$1,000's)			Jobs
		Charter	Private	Total	Charter	Private	Total	Total
Washington Coast	Total	59	88	147	\$5,335	\$3,285	\$8,620	392
	Groundfish	12	10	23	\$1,134	\$385	\$1,519	69
Oregon	Total	70	140	211	\$6,382	\$4,911	\$11,293	514
	Groundfish	47	22	69	\$4,227	\$783	\$5,011	228
North/Central California ^{a/}	Total	221	901	1,122	\$27,294	\$54,172	\$81,466	3,363
	Groundfish	141	164	305	\$17,414	\$9,860	\$27,274	1,126
Southern California ^{b/}	Total	577	1,757	2,334	\$72,321	\$81,023	\$153,345	5,536
	Groundfish	204	252	456	\$25,569	\$11,621	\$37,190	1,343
California Total	Total	798	2,658	3,456	\$99,616	\$135,195	\$234,811	8,899
	Groundfish	345	416	761	\$43,983	\$21,481	\$64,465	2,468
Grand Total	Total	927	2,886	3,813	\$111,332	\$143,392	\$254,724	9,823
	Groundfish	404	449	853	\$48,345	\$22,649	\$70,994	2,765

a/ Includes counties from Monterey north.

b/ Includes counties from San Luis Obispo south.

TABLE 3.3-36. Seasonal groundfish effort (1,000's angler trips) by region for charter and private recreational fisheries in 2001. Washington and Oregon estimates from state port sampling programs; California estimates from RecFIN.

		Jan-Feb	Mar-Apr	May-Jun	Jul-Aug	Sep-Oct	Nov-Dec	Total
Washington	Charter	0.0	1.5	4.9	5.4	0.7	0.0	12.5
	Private	0.0	0.8	6.3	2.8	0.3	0.0	10.3
	Total	0.0	2.2	11.3	8.2	1.0	0.0	22.8
Oregon	Charter	1.4	6.5	12.3	19.7	5.4	1.0	46.5
	Private	0.5	2.5	7.1	9.1	2.5	0.9	22.4
	Total	2.0	9.0	19.4	28.8	7.9	1.9	68.9
OR/CA border to Cape Mendocino	Charter	0.0	0.0	1.8	3.7	0.0	0.0	5.5
	Private	0.0	0.7	7.9	12.7	3.0	0.0	24.3
	Total	0.0	0.7	9.7	16.4	3.0	0.0	29.8
Central California	Charter	29.1	0.9	11.3	35.3	24.7	61.3	162.6
	Private	15.2	6.5	65.4	91.0	64.7	37.2	280.0
	Total	44.3	7.4	76.7	126.3	89.4	98.5	442.6
Southern California	Charter	19.3	39.2	81.2	149.8	88.4	22.9	400.8
	Private	140.8	121.5	217.9	251.6	203.6	56.1	991.5
	Total	160.1	160.7	299.1	401.4	292.0	79.0	1,392.3
California Total	Charter	48.4	40.1	94.3	188.8	113.1	84.2	568.9
	Private	156.0	128.7	291.2	355.3	271.3	93.3	1,295.8
	Total	204.4	168.8	385.5	544.1	384.4	177.5	1,864.7
Grand Total	Charter	49.8	48.1	111.5	214.0	119.2	85.2	627.9
	Private	156.5	131.9	304.6	367.2	274.1	94.2	1,328.5
	Total	206.4	180.0	416.1	581.1	393.4	179.4	1,956.4

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-37. Proportion of resident and non-resident participation and economic value for 2001 recreational ocean fisheries.

Area	Angler Trips				Economic Value			
	Charter		Private		Charter		Private	
	Non Res.	Resident	Non Res.	Resident	Non Res.	Resident	Non Res.	Resident
Washington Coast	96%	4%	71%	29%	97%	3%	79%	21%
Oregon	93%	7%	55%	45%	94%	6%	66%	34%
North/Central California	83%	17%	48%	52%	84%	16%	69%	31%
Southern California	42%	58%	26%	74%	47%	53%	36%	64%
California Total	54%	46%	33%	67%	57%	43%	48%	52%
Grand Total	58%	42%	36%	64%	60%	40%	50%	50%

TABLE 3.3-38. Charter vessels engaging in saltwater fishing outside of Puget Sound in 2001 by port area. (Page 1 of 1)

State	Port Area	Charter Boats
Washington	Neah Bay	1
	La Push	0
	Westport	13
	Ilwaco	6
	Unknown	86
	TOTAL	106
Oregon	Astoria	22
	Tillamook	51
	Newport	45
	Coos Bay	13
	Brookings	15
	Unknown	86
	TOTAL	232
California	Crescent City	1
	Eureka	4
	Fort Bragg	14
	San Francisco	67
	Monterey	33
	Conception (Northern portion)	129
	San Diego	95
	Unknown	72
	TOTAL	415
GRAND TOTAL		753

TABLE 3.3-39 Composition of Port Area Groups.

STATE	Port Group Area	County	PCID	NAME
Washington	Puget Sound	Whatcom	BLN	Blaine
		Whatcom	BLL	Bellingham Bay
		San Juan	FRI	Friday Harbor
		Skagit	ANA	Anacortes
		Skagit	LAC	La Conner
		Snohomish	ONP	Other North Puget Sound Ports
		Snohomish	EVR	Everett
		King	SEA	Seattle
		Pierce	TAC	Tacoma
		Thurston	OLY	Olympia
		Mason	SHL	Shelton
		Unknown	OSP	Other South Puget Sound Ports
	NW Olympic Peninsula	Jefferson	TNS	Port Townsend
		Clallam	SEQ	Sequim
		Clallam	PAG	Port Angeles
		Clallam	NEA	Neah Bay
		Clallam	LAP	La Push
	Central WA Coast	Grays Harbor	CPL	Copalis Beach
		Grays Harbor	GRH	Grays Harbor
		Grays Harbor	WPT	Westport
	South WA Coast	Pacific	WLB	Willapa Bay
		Pacific	LWC	Ilwaco/chinook
		Klickitat	OCR	Other Columbia River Ports
	Unidentified WA	Pacific	OWC	Other Washington Coastal Ports
		Unknown	OWA	Other or Unknown Washington Ports
Oregon	Astoria-Tillamook	Multnomah	CRV	Psuedo Port Code for Columbia River
		Clatsop	AST	Astoria
		Clatsop	GSS	Gearhart - Seaside
		Clatsop	CNB	Cannon Beach
		Unknown	WAL	Landed in Washington; Transported to Oregon
		Tillamook	NHL	Nehalem Bay
		Tillamook	TLL	Tillamook/garibaldi
		Tillamook	NTR	Netarts Bay
		Tillamook	PCC	Pacific City
	Newport	Lincoln	SRV	Salmon River
		Lincoln	SLZ	Siletz Bay
		Lincoln	DPO	Depoe Bay
		Lincoln	NEW	Newport
		Lincoln	WLD	Waldport
		Lincoln	YAC	Yachats
	Coos Bay	Lane	FLR	Florence
		Douglas	WIN	Winchester Bay
		Coos	COS	Coos Bay
		Coos	BDN	Bandon
	Brookings	Curry	ORF	Port Orford
		Curry	GLD	Gold Beach
		Curry	BRK	Brookings
California	Crescent City	Del Norte	CRS	Crescent City
		Del Norte	ODN	Other Del Norte County Ports
	Eureka	Humboldt	ERK	Eureka (Includes Fields Landing)
		Humboldt	FLN	Fields Landing

TABLE 3.3-39 Composition of Port Area Groups.

STATE	Port Group Area	County	PCID	NAME
	Fort Bragg	Humboldt	TRN	Trinidad
		Humboldt	OHB	Other Humboldt County Ports
		Mendocino	BRG	Fort Bragg
		Mendocino	ALB	Albion
		Mendocino	ARE	Arena
	San Francisco	Mendocino	OMD	Other Mendocino County Ports
		Sonoma	BDG	Bodega Bay
		Marin	TML	Tomaes Bay
		Marin	RYS	Point Reyes
		Marin	OSM	Other Sonoma and Marin County Outer Coast Ports
		Marin	SLT	Sausalito
		Alameda	OAK	Oakland
		Alameda	ALM	Alameda
		Alameda	BKL	Berkely
		Contra Costa	RCH	Richmond
		San Francisco	SF	San Francisco
		San Mateo	PRN	Princeton
		San Francisco	SFA	San Francisco Ara
		San Francisco	OSF	Other S. F. Bay and San Mateo County Ports
	Monterey	Santa Cruz	CRZ	Santa Cruz
		Monterey	MOS	Moss Landing
		Monterey	MNT	Monterey
		Monterey	OCM	Other Santa Cruz and Monterey County Ports
	San Luis Obispo	San Luis Obispo	MRO	Morro Bay
		San Luis Obispo	AVL	Avila
		San Luis Obispo	OSL	Other San Luis Obispo County Ports
	Santa Barbara	Santa Barbara	SB	Santa Barbara
		Santa Barbara	SBA	Santa Barbara Area
		Ventura	HNM	Port Hueneme
		Ventura	OXN	Oxnard
		Ventura	VEN	Ventura
		Ventura	OBV	Other Santa Barbara and Ventura County Ports
	Los Angeles	Los Angeles	TRM	Terminal Island
		Los Angeles	SPA	San Pedro Area
		Los Angeles	SP	San Pedro
		Los Angeles	WLM	Willmington
		Los Angeles	LGB	Longbeach
		Orange	NWB	Newport Beach
		Orange	DNA	Dana Point
		Orange	OLA	Other Los Angeles and Orange County Ports

TABLE 3.3-40. Number of vessels by vessel primary port and species group for the base period (November 2000 through October 2001).

	Vessels with Limited Entry Trawl Permits						Vessels with Fixed Gear Limited Entry Permits (No Trawl Permit)				Open Access Vessels with More than 5% Revenue from Groundfish				Open Access Vessels with Less than 5% Revenue from Groundfish				Total for All Groundfish	Vessels Participating in Other Fisheries										
	Whiting	Sablefish	Nearshore SPP	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp		Shelf Spp	Slope Spp	Total	Halibut (Pac & CA)	Shrimp/Prawns	Crabs	Salmon	HMS	CPS	Other	Total
Blaine	2	4	4	4	4	4																5		11				117	119	
Bellingham	1	5	5	5	5	5	19	2	14	17	19			1								25	13		14		5	2	203	210
Point Roberts																								1				6	6	
Friday Harbor																												3	3	
Anacortes																									1			74	74	
LaConner												1					1		1	1	1	2	2		3			25	25	
Everett																												51	51	
Seattle							2			2	2								1		1	3	3		12	1	7	1	75	93
Tacoma																	1	1	1	1	1	1	1	1	1	2		26	27	
Shelton																												4	4	
Centralia																												14	14	
Puget Sound Total	3	9	9	9	9	9	21	2	14	19	21	1	0	1	0	2	3	1	3	2	4	36	19	1	42	3	14	3	598	626
Port Townsend																											1		23	23
Quilcene																												2	2	
Sequim																												10	10	
Port Angeles		3	3	3	3	3	14	1	13	14	15	12	6	17	8	20			4	1	4	42	19		1	11	2		25	58
Neah Bay		3	3	3	3	3								2	2							5	2						3	5
La Push							2	1	2	2	2	3	1	2	2	3						5	1		6		2		4	10
NW Olympic Peninsula Total	0	6	6	6	6	6	16	2	15	16	17	15	7	21	10	25	0	0	4	1	4	52	22	0	7	11	5	0	67	108
Copalis																												10	10	
Aberdeen																									1	1			2	
Westport (WA)	5	11	5	12	11	12	11		9	11	11	6		4	4	6	7	1	21	3	22	51	16	13	100	40	58	9	44	178
Central WA Coast Total	5	11	5	12	11	12	11	0	9	11	11	6	0	4	4	6	7	1	21	3	22	51	16	13	101	41	58	9	54	190
Tokeland																3		4	2	4	4		4	20				35	57	
Ilwaco	1	4	2	4	4	4	3	3	4	3	4	5		2	2	5	15	2	22	8	29	42	25	7	51	35	96	7	61	163
Pacific County																											1		46	47
Columbia River																								1	1			173	173	
South WA Coast Total	1	4	2	4	4	4	3	3	4	3	4	5	0	2	2	5	18	2	26	10	33	46	25	11	72	36	98	8	315	440
Astoria	4	31	18	31	30	31	11		9	7	11	11	3	9	7	12	17	4	16	9	19	73	21	23	66	27	68	19	43	164
Gearhart-Seaside																										2			2	
Cannon Beach																										2			2	
Nehalem Bay																									2				2	
Garibaldi (Tillamook)		3	3	3	3	3							7	5		7	2	12	21	2	27	37	18		18	47	26	1	14	71
Pacific City													17	13		17						17			2	8	5		2	21
Astoria-Tillamook Total	4	34	21	34	33	34	11	0	9	7	11	11	27	27	7	36	19	16	37	11	46	127	39	23	88	86	99	20	59	262
Depoe Bay													3	3		3	1	1	1	1	2	5	2		5	4	3		8	12
Newport	15	26	12	25	25	26	13	3	11	10	14	7	5	8	2	9	24	10	87	24	90	139	94	21	89	157	157	13	50	267
Waldport																									6				6	
Newport Total	15	26	12	25	25	26	13	3	11	10	14	7	8	11	2	12	25	11	88	25	92	144	96	21	100	161	160	13	58	285
Florence							3		1	1	3		1	1	1	1	1	1	8		8	12	7		10	27	15	1	3	30
Winchester							3		3		3	1				1		3	9		10	14	6	1	12	25	14		4	35

TABLE 3.3-40. Number of vessels by vessel primary port and species group for the base period (November 2000 through October 2001).

	Vessels with Limited Entry Trawl Permits					Vessels with Fixed Gear Limited Entry Permits (No Trawl Permit)					Open Access Vessels with More than 5% Revenue from Groundfish					Open Access Vessels with Less than 5% Revenue from Groundfish					Vessels Participating in Other Fisheries									
	Whiting	Sablefish	Nearshore SFP	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp	Total	Total for All Groundfish	Halibut (Pac & CA)	Shrimp/Prawns	Crabs	Salmon	HMS	CPS	Other	Total
Charleston (Coos Bay)	4	26	17	29	27	29	8	-	7	3	9	12	15	16	7	21	5	14	30	3	34	93	18	25	59	84	77	3	47	146
Bandon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	4	2	-	-	8
Coos Bay Total	4	26	17	29	27	29	14	0	11	4	15	13	18	18	8	25	6	19	49	3	54	123	31	26	83	140	108	4	54	219
Port Orford	-	-	-	-	-	-	11	14	14	14	14	8	35	36	33	37	-	7	5	2	7	58	12	-	30	27	11	-	53	67
Gold Beach	-	-	-	-	-	-	-	-	-	-	-	-	20	19	17	20	-	2	2	2	2	22	-	-	1	3	1	-	23	23
Brookings	-	4	3	4	4	4	3	1	2	1	3	1	25	25	9	28	1	9	9	-	12	47	3	3	33	28	20	-	34	71
Brookings Total	0	4	3	4	4	4	14	15	16	15	17	9	80	80	59	85	1	18	16	4	21	127	15	3	64	58	32	0	110	161
Crescent City	2	20	14	20	20	20	8	4	5	2	9	7	35	35	7	37	4	8	15	3	19	85	11	21	118	31	45	4	44	141
Orick	-	-	-	-	-	-	-	-	-	-	-	1	8	8	1	8	-	-	1	-	1	9	1	-	4	7	2	-	-	12
Trinidad	-	-	-	-	-	-	-	-	-	-	-	-	5	6	-	6	-	1	1	-	1	7	-	-	23	2	1	-	3	27
Eureka Area	1	16	15	16	16	16	4	2	4	4	4	13	13	12	8	17	2	1	1	-	2	39	7	5	51	33	17	1	36	78
Fields Landing	3	10	7	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	1	7	2	-	1	8	14
Eureka Total	4	26	22	26	26	26	4	2	4	4	4	14	26	26	9	31	2	2	3	0	4	65	10	6	85	44	20	2	47	131
Fort Bragg	-	12	5	12	12	12	3	1	3	3	4	27	36	34	6	57	4	5	3	1	8	81	3	3	26	49	19	1	56	130
Albion	-	-	-	-	-	-	-	-	-	-	-	2	6	5	-	7	-	1	1	-	2	9	-	-	2	2	1	-	12	17
Point Arena	-	-	-	-	-	-	-	-	-	-	-	-	4	3	1	4	-	3	2	1	4	8	-	-	5	3	1	-	11	19
Fort Bragg Total	0	12	5	12	12	12	3	1	3	3	4	29	46	42	7	68	4	9	6	2	14	98	3	3	33	54	21	1	79	166
Bodega Bay	-	-	-	-	-	-	2	2	2	1	2	1	21	23	7	26	1	1	11	1	11	39	14	-	44	125	28	1	24	171
Cloverdale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	3	3	4	-	6	4	1	-	17	24
Yountville	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	1	2	1	-	10	2	-	-	9	15
Tomaes Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1
Point Reyes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	6	8	1	-	-	10
Sausalito	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	4	5	-	5	6	7	-	4	21	6	1	39	53
Oakland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Alameda	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	2	-	-	-	-	-	2	-	-	-	1	-	-	2	3
Berkeley	-	-	-	-	-	-	-	-	-	-	-	1	8	9	3	10	-	-	-	-	-	10	5	-	-	4	2	-	8	15
Richmond	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	1	-	1	3	3	1	-	5	-	-	1	10
San Francisco	-	6	6	6	6	6	6	6	8	7	9	9	22	21	12	27	1	5	7	1	9	51	33	3	29	59	17	2	86	155
Princeton	1	6	8	8	7	8	3	2	2	3	3	8	39	36	8	44	1	6	6	3	11	66	34	2	56	74	30	10	43	135
San Francisco Total	1	12	14	14	13	14	11	10	12	11	14	20	93	93	33	113	4	19	32	5	41	182	108	6	155	304	85	14	230	593
Gilroy	-	-	-	-	-	-	-	-	-	-	-	-	10	8	2	10	-	-	-	-	-	10	-	-	1	-	1	-	8	10
Santa Cruz	-	2	2	2	2	2	-	-	-	-	-	9	11	11	10	18	1	5	4	1	6	26	18	-	7	31	19	3	19	46
Moss Landing	-	8	6	8	8	8	11	2	6	11	11	19	24	23	13	38	1	2	2	1	6	63	27	2	6	71	42	7	38	132
Monterey	-	2	2	2	2	2	-	1	-	1	1	1	25	23	6	26	2	3	1	3	6	35	23	5	1	50	10	5	42	81
Monterey Total	0	12	10	12	12	12	11	3	6	12	12	29	70	65	31	92	4	10	7	5	18	134	68	7	15	152	72	15	107	269
San Simeon	-	-	-	-	-	-	-	-	-	-	-	-	6	6	-	6	-	-	-	-	-	6	-	-	-	-	-	-	3	6
Morro Bay	-	2	2	2	2	2	-	1	2	-	2	2	56	49	10	57	2	16	13	7	20	81	26	9	19	36	68	6	55	122
Avila	1	5	2	5	5	5	-	-	1	1	1	-	50	47	2	50	-	10	8	1	10	66	32	5	17	9	31	3	46	78
SanLuis Obispo Total	1	7	4	7	7	7	0	1	3	1	3	2	112	102	12	113	2	26	21	8	30	153	58	14	36	45	99	9	104	206
Santa Barbara	-	-	-	-	-	-	-	-	-	-	-	-	31	16	11	31	-	25	13	10	29	60	32	15	46	4	20	10	111	136
Santa Cruz Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1

TABLE 3.3-40. Number of vessels by vessel primary port and species group for the base period (November 2000 through October 2001).

	Vessels with Limited Entry Trawl Permits						Vessels with Fixed Gear Limited Entry Permits (No Trawl Permit)			Open Access Vessels with More than 5% Revenue from Groundfish			Open Access Vessels with Less than 5% Revenue from Groundfish			Total for All Groundfish	Vessels Participating in Other Fisheries													
	Whiting	Sablefish	Nearshore SPP	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp	Total	Sablefish	Nearshore Spp	Shelf Spp	Slope Spp		Total	Halibut (Pac & CA)	Shrimp/Prawns	Crabs	Salmon	HMS	CPS	Other	Total					
Ventura	-	-	-	-	-	1	-	-	1	1	1	2	9	8	9	12	1	9	8	7	10	23	15	8	17	1	16	8	29	43
Oxnard	-	-	-	-	-	6	4	6	6	6	6	2	14	8	9	14	-	14	5	10	17	37	13	8	19	-	14	3	58	64
Port Hueneme	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	2	3	31	9	31	
Santa Barbara Total	0	0	0	0	0	0	7	4	8	7	8	4	54	32	29	57	1	48	26	27	56	121	61	31	82	7	54	52	207	275
Terminal Island	-	-	-	-	-	-	1	1	1	1	1	2	19	9	10	19	1	9	6	2	12	32	35	7	28	2	47	26	100	126
San Pedro	-	-	-	-	-	-	-	-	-	-	-	-	7	8	3	10	-	17	12	5	18	28	16	2	18	1	51	53	59	112
Willmington	-	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	1	1	-	1	-	1	1	-	1	1	1	2	
Catalina Island	-	-	-	-	-	-	-	-	-	-	-	2	6	2	4	8	-	3	2	1	4	12	10	3	15	-	12	9	26	41
Long Beach	-	-	-	-	-	-	-	-	-	-	-	-	2	3	1	3	-	-	-	-	-	3	4	-	1	-	4	1	4	6
Newport Beach	-	-	-	-	-	-	4	2	3	4	5	1	1	2	2	2	1	1	-	-	2	9	3	3	8	-	4	5	11	18
Dana Point	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	1	-	2	-	-	2	4	-	3	26	-	4	-	18	33
Los Angeles Total	0	0	0	0	0	0	6	5	5	6	8	5	36	25	20	43	2	32	20	8	38	89	69	18	97	3	123	95	219	338
North Shore	-	-	-	-	-	-	-	-	-	-	-	1	3	8	5	8	1	6	9	6	10	18	5	5	26	-	18	7	30	49
San Diego	-	-	-	-	-	-	-	1	1	-	1	1	7	6	5	10	1	5	4	1	7	18	6	2	30	-	37	11	41	65
Oceanside	-	-	-	-	-	-	5	1	2	5	5	-	1	3	2	3	-	4	2	2	4	12	2	3	9	-	15	2	14	26
San Diego Total	0	0	0	0	0	0	5	2	3	5	6	2	11	17	12	21	2	15	15	9	21	48	13	10	65	0	70	20	85	140
Other California	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	8	10
At-Sea Only	28	20	2	28	23	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	11	-	2	26	9	28	25	28
Grand Total	68	229	146	242	232	243	158	57	138	136	178	179	623	601	252	771	104	237	389	126	517	1,709	675	214	1,247	1,202	1,172	297	2,470	4,588

NOTE: The Primary port is the port at which the vessel made more landings than any other port, as measured in terms of exvessel value. Vessels in the "at-sea only" row are those that made no shoreside landings. Vessels delivering at-sea that had some shoreside landings were assigned to a primary port based on their shoreside landings. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-41. Number of vessels by port by length class during the base period.

	Vessel Length Category						Unspecified	Total
	<40'	40'-50'	50'-60'	60'-70'	70'-150'	>150'		
Blaine	75	18	17	3	4	-	2	119
Bellingham	109	33	39	16	9	1	3	210
Point Roberts	6	-	-	-	-	-	-	6
Friday Harbor	3	-	-	-	-	-	-	3
Anacortes	70	1	2	-	-	-	1	74
LaConner	24	1	-	-	-	-	-	25
Everett	34	8	4	3	-	-	2	51
Seattle	48	19	15	5	6	-	-	93
Tacoma	17	4	4	1	-	-	-	26
Shelton	4	-	-	-	-	-	-	4
Centralia	13	1	-	-	-	-	-	14
Puget Sound Total	403	85	81	28	19	1	8	625
Port Townsend	18	1	2	1	1	-	-	23
Quilcene	2	-	-	-	-	-	-	2
Sequim	10	-	-	-	-	-	-	10
Port Angeles	36	17	4	-	1	-	-	58
Neah Bay	2	2	1	-	-	-	-	5
La Push	4	4	2	-	-	-	-	10
NW Olympic Peninsula	72	24	9	1	2	0	0	108
Copalis	-	4	6	-	-	-	-	10
Aberdeen	2	-	-	-	-	-	-	2
Westport (WA)	56	53	41	16	12	-	-	178
Central WA Coast Total	58	57	47	16	12	0	0	190
Tokeland	50	2	2	1	2	-	-	57
Ilwaco	69	36	27	16	15	-	-	163
Pacific County	45	-	1	-	-	-	1	47
Columbia River	173	-	-	-	-	-	-	173
South WA Coast Total	337	38	30	17	17	0	1	440
Astoria	37	55	20	25	24	-	3	164
Gearhart-Seaside	2	-	-	-	-	-	-	2
Cannon Beach	2	-	-	-	-	-	-	2
Nehalem Bay	2	-	-	-	-	-	-	2
Garibaldi (Tillamook)	57	11	3	-	-	-	-	71
Pacific City	21	-	-	-	-	-	-	21
Astoria Tillamook Total	121	66	23	25	24	0	3	262
Depoe Bay	9	3	-	-	-	-	-	12
Newport	103	89	36	20	19	-	-	267
Waldport	6	-	-	-	-	-	-	6
Newport Total	118	92	36	20	19	0	0	285
Florence	22	5	3	-	-	-	-	30
Winchester	28	1	4	1	1	-	-	35
Charleston (Coos Bay)	72	36	11	14	12	-	1	146
Bandon	7	-	1	-	-	-	-	8
Coos Bay Total								
Port Orford	67	-	-	-	-	-	-	67
Gold Beach	23	-	-	-	-	-	-	23
Brookings	56	10	3	1	1	-	-	71
Brookings Total								

TABLE 3.3-41. Number of vessels by port by length class during the base period.

	Vessel Length Category						Unspecified	Total
	<40'	40'-50'	50'-60'	60'-70'	70'-150'	>150'		
Crescent City	70	35	22	6	8	-	-	141
Orick	12	-	-	-	-	-	-	12
Trinidad	26	-	-	-	-	-	1	27
Eureka Area	36	24	11	5	1	1	-	78
Fields Landing	4	1	2	1	6	-	-	14
Eureka Total	78	25	13	6	7	1	1	131
Fort Bragg	95	18	9	5	2	-	1	130
Albion	17	-	-	-	-	-	-	17
Point Arena	19	-	-	-	-	-	-	19
Fort Bragg Total	131	18	9	5	2	0	1	166
Bodega Bay	138	24	6	2	1	-	-	171
Cloverdale	24	-	-	-	-	-	-	24
Yountville	14	-	-	-	-	-	1	15
Tomaes Bay	1	-	-	-	-	-	-	1
Point Reyes	8	2	-	-	-	-	-	10
Sausalito	50	3	-	-	-	-	-	53
Oakland	1	-	-	-	-	-	-	1
Alameda	3	-	-	-	-	-	-	3
Berkeley	15	-	-	-	-	-	-	15
Richmond	9	-	-	-	1	-	-	10
San Francisco	120	23	5	4	3	-	-	155
Princeton	96	28	7	2	-	-	2	135
San Francisco Total	479	80	18	8	5	0	3	593
Gilroy	8	-	1	-	-	-	1	10
Santa Cruz	41	5	-	-	-	-	-	46
Moss Landing	90	20	16	4	2	-	-	132
Monterey	76	1	1	-	1	-	2	81
Monterey Total	215	26	18	4	3	0	3	269
San Simeon	6	-	-	-	-	-	-	6
Morro Bay	93	14	8	6	1	-	-	122
Avila	63	8	3	3	1	-	-	78
San Luis Obispo Total	162	22	11	9	2	0	0	206
Santa Barbara	118	14	1	1	1	-	1	136
Santa Cruz Island	1	-	-	-	-	-	-	1
Ventura	27	10	5	-	1	-	-	43
Oxnard	59	5	-	-	-	-	-	64
Port Hueneme	-	6	18	4	3	-	-	31
Santa Barbara Total	205	35	24	5	5	0	1	275
Terminal Island	70	19	2	1	34	-	-	126
San Pedro	64	11	14	9	14	-	-	112
Willmington	2	-	-	-	-	-	-	2
Catalina Island	40	-	-	1	-	-	-	41
Long Beach	5	1	-	-	-	-	-	6
Newport Beach	17	1	-	-	-	-	-	18
Dana Point	30	3	-	-	-	-	-	33
Los Angeles Total	228	35	16	11	48	0	0	338
North Shore	45	2	1	-	1	-	-	49
San Diego	41	16	4	1	3	-	-	65
Oceanside	21	3	-	-	2	-	-	26
San Diego Total	107	21	5	1	6	0	0	140
Other California	9	1	-	-	-	-	-	10
At-Sea Only	-	-	-	-	15	-	6	21
Grand Totals	3068	712	384	178	208	2	28	4580

NOTE: Does not include at-sea deliveries by catcher-processor. Include deliveries to motherships. Vessels delivering to motherships with other deliveries to shorebased processors were assigned to a port based on their shore based landings. Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-42. Number of processors/buyers by primary port for the base period (November 2000 through October 2001).

	Processors/Buyers Buying from Vessels with Limited Entry Trawl Permits						Processors/Buyers Buying from Vessels with Fixed Gear Limited Entry Permits (No Trawl Permit)			Processors/Buyers Buying from Open Access Vessels with More than 5% Revenue from Groundfish			Processors/Buyers Buying from Open Access Vessels with Less than 5% Revenue from Groundfish			Total for All Groundfish	Processors/Buyers Buying from Vessels Participating in Other Fisheries								
	Whiting	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP		Total	Shrimp/Prawns Halibut (Pac & CA)	Crabs	Salmon	HMS	CPS	Other	Total	
Blaine	1	1	1	2	1	2	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	5	5	
Bellingham	1	1	1	3	1	3	2	1	2	2	2	-	-	-	-	1	4	2	-	9	-	1	1	40	40
Point Roberts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	8	8	
Friday Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	
Anacortes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	14	14	
LaConner	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	14	14	
Everett	-	-	-	-	-	-	1	-	1	1	1	-	-	-	-	-	1	1	-	1	-	-	11	11	
Seattle	-	-	-	-	-	-	1	-	-	1	1	-	-	1	-	1	2	2	-	7	2	9	-	32	39
Tacoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	25	26	
Olympia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	9	10	
Shelton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	12	12	
Centralia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	8	9	
Puget Sound Total	2	2	2	5	2	5	4	1	3	4	4	0	0	1	0	1	9	5	0	23	8	11	3	186	196
Port Townsend	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	13	13	
Quilcene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	
Sequim	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	5	5	
Port Angeles	-	1	-	2	1	3	-	-	-	-	-	-	-	-	-	-	3	-	1	5	2	-	28	29	
Neah Bay	-	7	6	7	7	7	1	-	-	1	1	1	-	1	-	2	7	4	-	3	-	-	7	8	
La Push	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	-	1	1	2	3	4	
Quillayute	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	-	2	4	
NW Olympic Peninsula Total	0	10	7	11	10	12	2	1	1	2	2	2	1	2	1	3	12	7	0	5	11	6	0	73	78
Copalis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	2	
Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	2	5	
Westport (WA)	1	2	1	2	2	2	4	-	2	3	4	2	-	2	1	3	6	5	1	16	10	10	3	10	22
Central WA Coast Total	1	2	1	2	2	2	4	0	2	3	4	2	0	2	1	3	6	6	1	18	13	11	3	13	29
Tokeland	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	1	2	10	-	1	-	14	17
Ilwaco	1	2	2	2	2	2	1	1	1	1	2	1	-	1	1	1	5	8	2	7	5	9	2	16	19
Pacific County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	21	22	
Columbia River	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	-	1	1	1	1	-	-	23	23
South WA Coast Total	1	2	2	2	2	2	1	1	1	1	2	1	2	4	1	4	10	10	4	19	8	11	3	74	81
Astoria	2	4	3	5	5	5	6	2	3	4	6	2	5	5	3	5	8	8	4	9	9	6	7	8	19
Gearhart-Seaside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	2
Cannon Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
Nehalem Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	
Garibaldi (Tillamook)	-	1	2	1	1	2	2	1	2	-	2	-	3	4	-	4	9	10	1	9	10	5	-	10	25
Netarts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	2
Pacific City	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	3	3	1	-	3	3	3	-	1	5
Astoria-Tillamook Total	2	5	5	6	6	7	8	3	5	4	8	2	11	12	3	12	20	19	5	24	25	14	7	20	55
Siletz Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
Depoe Bay	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	2	2	-	3	2	1	-	2	3

TABLE 3.3-42. Number of processors/buyers by primary port for the base period (November 2000 through October 2001).

	Processors/Buyers Buying from Vessels with Limited Entry Trawl Permits					Processors/Buyers Buying from Vessels with Fixed Gear Limited Entry Permits (No Trawl Permit)					Processors/Buyers Buying from Open Access Vessels with More than 5% Revenue from Groundfish					Processors/Buyers Buying from Open Access Vessels with Less than 5% Revenue from Groundfish					Total for All Groundfish	Processors/Buyers Buying from Vessels Participating in Other Fisheries									
	Whiting	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP		Total	Halibut (Pac & CA)	Shrimp/Prawns	Crabs	Salmon	HMS	CPS	Other	Total	
Newport	4	7	5	7	7	9	6	6	8	4	11	4	6	11	2	12	5	5	15	3	16	24	25	3	25	44	33	4	9	63	
Waldport	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	1	-	6	1	1	-	1	6		
Newport Total	4	7	5	7	7	9	6	6	8	4	11	4	9	14	2	15	6	6	16	3	18	27	27	3	35	47	35	4	12	73	
Florence	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	4	2	-	7	10	7	-	-	15	
Winchester	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	2	2	2	2	3	4	-	6	5	12	1	3	16	
Charleston (Coos Bay)	1	2	3	4	4	5	3	-	2	1	4	2	2	4	1	4	2	5	7	2	7	9	6	2	7	17	25	1	7	33	
Bandon	-	-	-	1	-	1	-	-	-	-	-	-	2	2	1	2	-	1	1	1	1	2	1	-	3	7	5	-	1	10	
Coos Bay Total	1	2	3	5	4	6	3	0	4	1	6	2	4	6	2	6	2	8	14	3	14	18	13	2	23	39	49	2	11	74	
Port Orford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1	
Gold Beach	-	-	1	1	-	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	-	1	1	1	-	1	1	
Brookings	1	4	2	3	4	4	2	2	3	1	4	1	8	7	5	8	1	3	3	1	3	10	1	3	8	9	12	1	7	16	
Brookings Total	1	4	3	4	4	5	3	3	4	2	5	2	9	8	6	9	1	4	4	2	4	11	3	3	10	10	14	1	8	18	
Crescent City	2	4	3	5	4	5	4	6	8	4	8	4	13	14	7	15	3	3	7	3	7	17	3	7	20	7	13	5	11	31	
Orick	-	-	-	-	-	-	-	-	-	-	-	-	4	4	1	4	-	-	-	-	-	4	1	-	1	3	1	-	-	4	
Trinidad	-	-	-	1	-	1	-	-	-	-	-	-	4	4	-	4	-	-	-	-	-	4	-	1	5	1	2	-	1	7	
Eureka Area	-	1	-	2	2	2	2	4	4	2	4	3	4	4	3	4	1	2	1	-	2	5	-	2	10	7	6	-	6	21	
Eureka Total	0	1	0	3	2	3	2	4	4	2	4	3	12	12	4	12	1	2	1	0	2	13	1	3	16	11	9	0	7	32	
Fort Bragg	-	-	1	-	1	2	1	1	1	1	1	1	9	9	3	10	-	3	2	1	3	11	-	-	5	7	12	-	7	22	
Albion	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	
Point Arena	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	1	-	1	3	1	3	3	-	1	2	6	2	-	1	6	
Elk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Fort Bragg Total	0	0	1	0	1	2	1	1	3	1	3	2	10	9	3	11	0	4	5	2	6	15	0	1	8	13	14	0	9	30	
Bodega Bay	-	2	2	2	2	2	1	1	4	3	4	1	10	13	6	14	-	3	6	2	6	18	5	2	10	24	10	1	10	44	
Cloverdale	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	2	2	-	3	3	3	-	4	4	2	-	4	8	
Yountville	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	1	-	3	4	1	-	6	2	-	1	11	13	
Tomaes Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	
Point Reyes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	1	
Sausalito	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	2	2	-	2	6	3	-	5	9	
Alameda	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	1	2	-	-	1	3	
Berkeley	-	-	-	-	-	-	-	-	-	-	-	-	3	3	1	4	-	-	-	1	1	5	2	-	1	3	1	-	1	6	
Richmond	-	-	-	-	-	-	1	1	1	1	1	1	1	2	2	3	-	1	1	1	1	3	2	1	1	5	1	1	2	8	
San Francisco	-	3	4	5	5	6	2	11	12	4	13	5	20	19	12	24	-	6	5	1	8	31	14	6	11	13	6	2	34	48	
Princeton	1	5	6	5	5	6	1	5	5	2	7	4	20	19	5	23	1	5	3	1	6	29	13	2	30	30	19	6	18	59	
San Francisco Total	1	10	12	12	12	14	5	19	22	10	26	11	56	57	26	70	3	18	20	6	30	96	44	11	67	91	42	11	86	200	
Gilroy	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	3	-	-	-	-	-	3	-	-	-	-	-	-	2	3	
Santa Cruz	-	4	5	5	4	5	1	1	1	2	2	4	12	9	6	12	1	5	4	-	6	14	12	-	9	14	12	4	9	24	
Moss Landing	1	2	1	2	2	2	4	4	4	6	8	3	8	6	6	9	2	2	3	3	7	14	11	4	6	20	15	2	7	30	
Monterey	1	1	2	2	1	2	-	1	-	1	1	1	7	7	3	7	3	3	3	2	7	10	4	4	3	5	4	3	8	13	
Monterey Total	2	7	8	9	7	9	5	6	5	9	11	8	30	25	15	31	6	10	10	5	20	41	27	8	18	39	31	9	26	70	

TABLE 3.3-42. Number of processors/buyers by primary port for the base period (November 2000 through October 2001).

	Processors/Buyers Buying from Vessels with Limited Entry Trawl Permits						Processors/Buyers Buying from Vessels with Fixed Gear Limited Entry Permits (No Trawl Permit)						Processors/Buyers Buying from Open Access Vessels with More than 5% Revenue from Groundfish						Processors/Buyers Buying from Open Access Vessels with Less than 5% Revenue from Groundfish						Processors/Buyers Buying from Vessels Participating in Other Fisheries										
	Whiting	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Sablefish	Nearshore SPP	Shelf SPP	Slope SPP	Total	Total for All Groundfish	Shrimp/Prawns Halibut (Pac & CA)	Crabs	Salmon	HMS	CPS	Other	Total						
San Simeon	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	-	-	-	-	-	2	-	-	1	-	1	2	2						
Morro Bay	-	3	1	4	4	4	2	1	1	2	2	2	7	4	4	8	1	5	6	3	7	11	7	3	6	8	17	3	8	21					
Avila	-	1	2	1	-	2	-	1	2	-	2	-	7	7	1	7	-	3	2	-	4	9	4	1	3	2	6	1	7	12					
San Luis Obispo Total	0	4	3	5	4	6	2	2	3	2	4	2	16	13	5	17	1	8	8	3	11	22	11	4	9	11	23	5	17	35					
Santa Barbara	-	1	1	2	1	2	-	-	-	-	-	-	4	4	2	4	1	9	7	5	13	17	13	14	20	3	7	8	25	37					
Ventura	-	1	1	1	1	1	4	2	3	4	4	2	11	9	9	12	1	12	9	10	14	17	13	11	21	-	12	7	18	27					
Oxnard	-	-	-	-	-	-	7	6	6	7	11	2	10	7	6	11	-	8	7	7	11	16	10	7	16	-	11	3	16	27					
Port Hueneme	1	1	1	1	1	1	1	-	1	1	1	1	2	2	1	2	-	2	1	1	2	2	3	2	2	2	3	8	3	8					
Santa Barbara Total	1	3	3	4	3	4	12	8	10	12	16	5	27	22	18	29	2	31	24	23	40	52	39	34	59	5	33	26	62	99					
Terminal Island	-	-	-	-	-	-	-	-	-	-	-	2	9	3	4	9	2	3	4	2	4	10	6	3	9	-	7	10	23	31					
San Pedro	-	-	-	-	-	-	2	3	2	2	4	1	5	4	3	6	-	9	7	3	10	14	9	-	12	2	21	10	26	34					
Willmington	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1					
Catalina Island	-	-	-	-	-	-	2	2	2	2	3	1	5	3	3	7	-	5	1	-	5	10	5	4	10	-	7	4	14	17					
Long Beach	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	2	1	1	-	1	1	2	2	1	3	-	-	2	4	4					
Newport Beach	-	-	-	-	-	-	2	2	2	2	2	1	1	1	1	1	1	4	1	-	5	5	4	5	10	-	4	3	7	12					
Dana Point	-	-	-	-	-	-	1	-	-	1	1	1	3	3	2	3	-	1	-	-	1	3	1	2	10	-	4	1	6	13					
Los Angeles Total	0	0	0	0	0	0	7	7	6	7	10	6	25	15	14	28	4	23	13	6	26	44	27	15	55	2	43	30	81	112					
North Shore	-	-	-	-	-	-	-	-	-	-	-	1	4	7	5	8	2	6	8	5	9	11	6	4	12	2	8	5	10	16					
San Diego	-	-	-	-	-	-	2	1	-	2	-	-	6	5	3	7	1	4	4	2	5	10	2	1	18	-	12	6	15	23					
Oceanside	-	-	-	-	-	-	-	1	-	-	1	-	3	2	2	4	-	4	1	2	4	5	2	1	5	1	3	2	4	8					
San Diego Total	0	0	0	0	0	0	0	3	1	0	3	1	13	14	10	19	3	14	13	9	18	26	10	6	35	3	23	13	29	47					
Other California	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	7	10					
At-Sea Only	12	11	1	12	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	8	-	1	11	6	12	13	13					
Grand	30	74	59	92	82	103	69	71	90	68	127	57	238	230	118	285	43	139	162	78	224	451	260	107	448	354	388	134	745	1,283					

Source: Derived from PacFIN monthly vessel summary files.

TABLE 3.3-43. Number of buyers/processors by purchase value of raw product (exvessel value) for the base period (November 2000 through October 2001).

	Level of Purchases in Exvessel Value						Total
	<\$5,000	\$5,000- \$20,000	\$20,000- \$100,000	\$100,000- \$300,000	\$300,000- \$1,000,000	>\$1,000,000	
Puget Sound	51	40	52	18	19	16	196
NW Olympic Peninsula	35	14	15	6	4	4	78
Central WA Coast	9	6	6	1	2	5	29
South WA Coast	31	25	15	4	3	3	81
Astoria-Tillamook	25	8	10	1	7	4	55
Newport	34	17	14	1	3	4	73
Coos Bay	36	26	5	5	*	*	74
Brookings	4	3	6	1	*	*	18
Crescent City	11	11	1	1	3	4	31
Eureka	17	9	3	3	0	0	32
Fort Bragg	16	6	4	*	*	*	30
San Francisco	104	39	28	13	13	3	200
Monterey	40	12	8	6	2	2	70
San Luis Obispo	16	9	4	2	2	2	35
Santa Barbara	32	19	21	15	8	4	99
Los Angeles	37	17	23	16	10	10	113
San Diego	13	10	11	9	*	*	47
At-Sea Only	*	-	-	*	*	*	13
Total	492	254	223	100	76	60	1,283

NOTE: "*" = Values omitted to preserve confidentiality.

TABLE 3.3-44. Local income impacts associated with commercial fishery landings by major port area for 2001 (\$1,000).

	WASHINGTON						OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA Coast	South WA Coast	Unsp. Wa	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Species Group											
Whiting	0		6,567	724		7,291	7,923	12,557	1,248		21,728
Sablefish	2,582	3,658	1,112	216	1,174	8,741	4,300	3,695	3,187	1,233	12,414
Shortspine Thornyhead	84	31	35	6	0	156	302	233	245	105	885
Longspine Thornyhead	23	0	24	3	0	51	763	448	680	276	2,166
Slope Rockfish	94	46	31	9	8	188	368	95	75	25	563
Dover Sole	631	119	241	86	0	1,077	2,790	854	1,646	435	5,724
Rex Sole	19	13	7	6		44	190	65	209	41	505
Petrale Sole	914	104	123	33		1,174	1,065	859	841	86	2,851
Arrowtooth Flounder	1,239	57	83	17		1,396	642	161	108	3	914
Other Slope Groundfish						0	9	13	56	13	91
Widow Rockfish	264	63	97	102		526	922	592	248	268	2,030
Chilipepper Rockfish						0	186		1	0	187
Yellowtail Rockfish	602	506	179	84		1,371	1,217	405	55	63	1,740
Shelf Rockfish	101	52	9	3	5	170	70	54	43	79	245
English Sole, Flathead Sole	145	68	21	11		245	242	106	229	36	613
Sandabs	1	2	1	0		4	47	7	90	4	149
Other ShelfGroundfish	1,128	202	17	4	0	1,352	132	54	42	111	338
Nearshore Rockfish	0	1	0	0	0	1	61	16	18	589	684
Other Flatfish	28	9	0	1		38	90	7	52	5	154
Other Groundfish						0	47	1	21	280	349
Groundfish Total	7,854	4,930	8,547	1,305	1,187	23,824	21,365	20,219	9,093	3,653	54,330
Pink Shrimp Trawl			2,500	1,377		3,877	7,024	4,126	5,219	554	16,924
Spot Prawn Trawl						0					0
Spot Prawn Pot						0					0
Ridgeback Prawn Trawl						0					0
Pacific Halibut	104	974	25	72	276	1,452	181	450	119	27	778
CA Halibut (except Gillnet)						0			0		0
Salmon	156	1,380	420	94	38	2,089	770	4,310	2,251	460	7,790
Sea Cucumber						0	0		0		0
CA Sheephead						0					0
Gillnet Complex						0					0
Squid	0		0	0		0	0	0	0		0
Other CPS	0		59	0		59	0	0	0		0
HMS	1,277	54	3,857	10,026	4	15,217	3,475	7,089	3,505	241	14,310
Dungeness Crab	3,984	735	18,877	9,202	1,632	34,430	13,839	7,865	4,947	2,338	28,989
Other Crustaceans	236	2	785	58		1,081	62	100	133	67	361
Other Species			18	124		142	129	639	68	484	1,320
Total	13,611	8,075	35,089	22,258	3,137	82,170	46,845	44,798	25,335	7,824	124,802

TABLE 3.3-44. Local income impacts associated with commercial fishery landings by major port area for 2001 (\$1,000).

Species Group	CALIFORNIA											At Sea Sector	W - O - C TOTAL
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	Unsp. CA	CA TOTAL		
Whiting	1,225	181		0	0	0	a/	0			1,407	43,405	73,830
Sablefish	1,294	1,835	2,125	929	1,443	138	143	396	360	0	8,664	59	29,879
Shortspine Thornyhead	163	283	238	114	296	85	155	181	179	0	1,695	0	2,736
Longspine Thornyhead	616	671	574	99	474	109	340	121	31	0	3,034	0	5,251
Slope Rockfish	22	31	204	148	116	76	65	62	5	1	730	17	1,498
Dover Sole	610	1,279	1,223	444	756	225	a/	1			4,539	2	11,342
Rex Sole	126	169	118	40	35	27	a/	0			516	23	1,088
Petrale Sole	159	866	123	725	237	271	a/	1	0		2,408		6,433
Arrowtooth Flounder	6	4	0				a/				11	2	2,322
Other Slope Groundfish	13	54	34	4	112	2		0			219		310
Widow Rockfish	118	303	48	88	9	5	0	4	0		575	77	3,208
Chilipepper Rockfish	3	5	179	359	138	9	0	3	1		697	1	885
Yellowtail Rockfish	40	32	0	8	1	0					81	232	3,424
Shelf Rockfish	61	68	40	155	89	95	56	37	9	0	609	27	1,052
English Sole, Flathead Sole	147	272	75	214	83	55	a/	0			853	0	1,710
Sandabs	73	186	2	1,370	85	6	a/	83	0		1,810		1,963
Other Shelf Groundfish	83	44	37	87	28	53	47	49	44		473	0	2,164
Nearshore Rockfish	570	272	138	317	404	658	284	74	49	1	2,767	0	3,452
Other Flatfish	104	66	0	248	31	12	22	25	0		509		701
Other Groundfish	65	24	143	48	157	395	164	21	18		1,035		1,385
Groundfish Total	5,499	6,645	5,303	5,396	4,495	2,222	1,313	1,059	697	3	32,633	43,846	154,632
Pink Shrimp Trawl	1,395	1,054				217	4				2,669		23,470
Spot Prawn Trawl	0	19	125	895	149	1,107	699	29			3,024		3,024
Spot Prawn Pot		0	47	3	663	72	1,098	1,098	775		3,756		3,756
Ridgeback Prawn Trawl						1	1,166	199			1,366		1,366
Pacific Halibut	0		3			0					3	0	2,232
CA Halibut (except Gillnet)	5	27	0	1,649	213	261	850	299	14	1	3,317		3,317
Salmon	64	344	1,432	6,804	1,526	133	9	3		3	10,318	0	20,197
Sea Cucumber				2		4	1,256	517	4	4	1,786		1,786
CA Sheephead	0			0	1	5	285	164	167		621		621
Gillnet Complex					15	85	1,177	981	338		2,595		2,595
Squid	0	0		12	8,660	85	43,350	51,801	18		103,927	0	103,927
Other CPS	0	0	0	18	15,208	0	6,884	43,361	8	0	65,479	0	65,538
HMS	874	1,719	269	1,237	2,727	4,422	797	23,189	4,913		40,148	0	69,675
Dungeness Crab	4,287	2,335	1,178	8,008	125	58		0			15,991	0	79,409
Other Crustaceans	636	38	2	1,841	22	340	5,728	3,714	4,031	393	16,745		18,187
Other Species	14	10	5,567	733	0	15	6,547	9,697	1,776	10	24,370		25,831
Total	12,774	12,191	13,925	26,599	33,804	9,024	71,164	136,110	12,741	413	328,746	43,846	579,563

a/ Values omitted to preserve confidentiality. Totals include the value.

TABLE 3.3-45. Local income impacts associated with commercial fishery landings by major port area for 2001 (% of Total).

	WASHINGTON						OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA Coast	South WA Coast	Unsp. Wa	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Species Group											
Whiting	0.0		18.7	3.3		8.9	16.9	28.0	4.9		17.4
Sablefish	19.0	45.3	3.2	1.0	37.4	10.6	9.2	8.2	12.6	15.8	9.9
Shortspine Thornyhead	0.6	0.4	0.1	0.0	0.0	0.2	0.6	0.5	1.0	1.3	0.7
Longspine Thornyhead	0.2	0.0	0.1	0.0	0.0	0.1	1.6	1.0	2.7	3.5	1.7
Slope Rockfish	0.7	0.6	0.1	0.0	0.3	0.2	0.8	0.2	0.3	0.3	0.5
Dover Sole	4.6	1.5	0.7	0.4	0.0	1.3	6.0	1.9	6.5	5.6	4.6
Rex Sole	0.1	0.2	0.0	0.0		0.1	0.4	0.1	0.8	0.5	0.4
Petrale Sole	6.7	1.3	0.4	0.1		1.4	2.3	1.9	3.3	1.1	2.3
Arrowtooth Flounder	9.1	0.7	0.2	0.1		1.7	1.4	0.4	0.4	0.0	0.7
Other Slope Groundfish						0.0	0.0	0.0	0.2	0.2	0.1
Widow Rockfish	1.9	0.8	0.3	0.5		0.6	2.0	1.3	1.0	3.4	1.6
Chilipepper Rockfish						0.0	0.4		0.0	0.0	0.1
Yellowtail Rockfish	4.4	6.3	0.5	0.4		1.7	2.6	0.9	0.2	0.8	1.4
Shelf Rockfish	0.7	0.7	0.0	0.0	0.2	0.2	0.2	0.1	0.2	1.0	0.2
English Sole, Flathead Sole	1.1	0.8	0.1	0.0		0.3	0.5	0.2	0.9	0.5	0.5
Sandabs	0.0	0.0	0.0	0.0		0.0	0.1	0.0	0.4	0.1	0.1
Other ShelfGroundfish	8.3	2.5	0.0	0.0	0.0	1.6	0.3	0.1	0.2	1.4	0.3
Nearshore Rockfish	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	7.5	0.5
Other Flatfish	0.2	0.1	0.0	0.0		0.0	0.2	0.0	0.2	0.1	0.1
Other Groundfish						0.0	0.1	0.0	0.1	3.6	0.3
Groundfish Total	57.7	61.1	24.4	5.9	37.8	29.0	45.6	45.1	35.9	46.7	43.5
Pink Shrimp Trawl			7.1	6.2		4.7	15.0	9.2	20.6	7.1	13.6
Spot Prawn Trawl						0.0					0.0
Spot Prawn Pot						0.0					0.0
Ridgeback Prawn Trawl						0.0					0.0
Pacific Halibut	0.8	12.1	0.1	0.3	8.8	1.8	0.4	1.0	0.5	0.3	0.6
CA Halibut (except Gillnet)						0.0			0.0		0.0
Salmon	1.1	17.1	1.2	0.4	1.2	2.5	1.6	9.6	8.9	5.9	6.2
Sea Cucumber						0.0	0.0		0.0		0.0
CA Sheephead						0.0					0.0
Gillnet Complex						0.0					0.0
Squid	0.0		0.0	0.0		0.0	0.0	0.0	0.0		0.0
Other CPS	0.0		0.2	0.0		0.1	0.0	0.0	0.0		0.0
HMS	9.4	0.7	11.0	45.0	0.1	18.5	7.4	15.8	13.8	3.1	11.5
Dungeness Crab	29.3	9.1	53.8	41.3	52.0	41.9	29.5	17.6	19.5	29.9	23.2
Other Crustaceans	1.7	0.0	2.2	0.3		1.3	0.1	0.2	0.5	0.9	0.3
Other Species			0.1	0.6		0.2	0.3	1.4	0.3	6.2	1.1
Total	100	100	100	100	100	100	100	100	100	100	100

TABLE 3.3-45. Local income impacts associated with commercial fishery landings by major port area for 2001 (% of Total).

Species Group	CALIFORNIA											At Sea Sector	W - O - C TOTAL
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	Unsp. CA	CA TOTAL		
Whiting	9.6	1.5		0.0	0.0	0.0	a/	0.0			0.4	99.0	12.7
Sablefish	10.1	15.1	15.3	3.5	4.3	1.5	0.2	0.3	2.8	0.0	2.6	0.1	5.2
Shortspine Thornyhead	1.3	2.3	1.7	0.4	0.9	0.9	0.2	0.1	1.4	0.0	0.5	0.0	0.5
Longspine Thornyhead	4.8	5.5	4.1	0.4	1.4	1.2	0.5	0.1	0.2	0.0	0.9	0.0	0.9
Slope Rockfish	0.2	0.3	1.5	0.6	0.3	0.8	0.1	0.0	0.0	0.3	0.2	0.0	0.3
Dover Sole	4.8	10.5	8.8	1.7	2.2	2.5	a/	0.0			1.4	0.0	2.0
Rex Sole	1.0	1.4	0.8	0.1	0.1	0.3	a/	0.0			0.2	0.1	0.2
Petrale Sole	1.2	7.1	0.9	2.7	0.7	3.0	a/	0.0	0.0		0.7		1.1
Arrowtooth Flounder	0.1	0.0	0.0				a/				0.0	0.0	0.4
Other Slope Groundfish	0.1	0.4	0.2	0.0	0.3	0.0		0.0			0.1		0.1
Widow Rockfish	0.9	2.5	0.3	0.3	0.0	0.1	0.0	0.0	0.0		0.2	0.2	0.6
Chilipepper Rockfish	0.0	0.0	1.3	1.3	0.4	0.1	0.0	0.0	0.0		0.2	0.0	0.2
Yellowtail Rockfish	0.3	0.3	0.0	0.0	0.0	0.0					0.0	0.5	0.6
Shelf Rockfish	0.5	0.6	0.3	0.6	0.3	1.0	0.1	0.0	0.1	0.0	0.2	0.1	0.2
English Sole, Flathead Sole	1.2	2.2	0.5	0.8	0.2	0.6	a/	0.0			0.3	0.0	0.3
Sandabs	0.6	1.5	0.0	5.2	0.3	0.1	a/	0.1	0.0		0.6		0.3
Other Shelf Groundfish	0.7	0.4	0.3	0.3	0.1	0.6	0.1	0.0	0.3		0.1	0.0	0.4
Nearshore Rockfish	4.5	2.2	1.0	1.2	1.2	7.3	0.4	0.1	0.4	0.4	0.8	0.0	0.6
Other Flatfish	0.8	0.5	0.0	0.9	0.1	0.1	0.0	0.0	0.0		0.2		0.1
Other Groundfish	0.5	0.2	1.0	0.2	0.5	4.4	0.2	0.0	0.1		0.3		0.2
Groundfish Total	43.1	54.5	38.1	20.3	13.3	24.6	1.8	0.8	5.5	0.7	9.9	100	26.7
Pink Shrimp Trawl	10.9	8.6				2.4	0.0				0.8		4.0
Spot Prawn Trawl	0.0	0.2	0.9	3.4	0.4	12.3	1.0	0.0			0.9		0.5
Spot Prawn Pot		0.0	0.3	0.0	2.0	0.8	1.5	0.8	6.1		1.1		0.6
Ridgeback Prawn Trawl						0.0	1.6	0.1			0.4		0.2
Pacific Halibut	0.0		0.0			0.0					0.0	0.0	0.4
CA Halibut (except Gillnet)	0.0	0.2	0.0	6.2	0.6	2.9	1.2	0.2	0.1	0.2	1.0		0.6
Salmon	0.5	2.8	10.3	25.6	4.5	1.5	0.0	0.0		0.6	3.1	0.0	3.5
Sea Cucumber				0.0		0.0	1.8	0.4	0.0	1.0	0.5		0.3
CA Sheephead	0.0			0.0	0.0	0.1	0.4	0.1	1.3		0.2		0.1
Gillnet Complex					0.0	0.9	1.7	0.7	2.6		0.8		0.4
Squid	0.0	0.0		0.0	25.6	0.9	60.9	38.1	0.1		31.6	0.0	17.9
Other CPS	0.0	0.0	0.0	0.1	45.0	0.0	9.7	31.9	0.1	0.0	19.9	0.0	11.3
HMS	6.8	14.1	1.9	4.7	8.1	49.0	1.1	17.0	38.6		12.2	0.0	12.0
Dungeness Crab	33.6	19.2	8.5	30.1	0.4	0.6		0.0			4.9	0.0	13.7
Other Crustaceans	5.0	0.3	0.0	6.9	0.1	3.8	8.0	2.7	31.6	95.0	5.1		3.1
Other Species	0.1	0.1	40.0	2.8	0.0	0.2	9.2	7.1	13.9	2.5	7.4		4.5
Total	100	100	100	100	100	100	100	100	100	100	100	100	100

a/ Values omitted to preserve confidentiality. Totals include the value.

TABLE 3.3-46. Local income impacts associated with commercial fishery landings by major port area for 1999 (\$1,000).

	WASHINGTON							OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA Coast	South WA Coast	Unsp. Wa	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL	
Species Group												
Whiting	3	2	3,000	938	0	3,943	16,326	12,740	1,205	0	30,271	
Sablefish	2,385	3,542	1,278	124	1,001	8,330	4,159	3,875	3,362	1,434	12,830	
Shortspine Thornyhead	107	53	64	15	3	243	402	298	349	136	1,186	
Longspine Thornyhead	29	0	56	8	0	93	770	348	875	245	2,238	
Slope Rockfish	1,507	258	339	38	9	2,152	743	332	302	78	1,455	
Dover Sole	843	183	337	170	0	1,532	2,769	978	2,109	550	6,406	
Rex Sole	9	4	12	10	0	35	128	51	194	29	402	
Petrale Sole	480	234	143	62	0	920	688	382	848	128	2,045	
Arrowtooth Flounder	3,126	232	223	114	0	3,695	1,553	150	179	11	1,892	
Other Slope Groundfish	0	0	0	0	0	0	10	10	68	17	105	
Widow Rockfish	875	94	240	85	0	1,294	1,514	1,889	669	282	4,354	
Chilipepper Rockfish	2	0	0	0	0	2	0	0	3	0	3	
Yellowtail Rockfish	1,393	237	232	143	0	2,004	1,732	426	305	123	2,587	
Shelf Rockfish	998	101	68	37	0	1,204	384	432	347	377	1,540	
English Sole, Flathead Sole	126	126	26	18	0	296	181	67	209	31	487	
Sandabs	0	0	0	0	0	0	14	7	294	5	319	
Other ShelfGroundfish	766	375	52	12	0	1,205	290	101	95	146	632	
Nearshore Rockfish	0	0	0	0	0	0	79	2	2	393	476	
Other Flatfish	11	10	1	1	0	23	129	33	82	0	245	
Other Groundfish	0	0	0	0	0	0	2	10	0	116	128	
Groundfish Total	12,660	5,451	6,071	1,777	1,013	26,972	31,875	22,129	11,496	4,102	69,602	
Pink Shrimp Trawl	6	13	1,697	437	0	2,153	5,479	5,054	5,058	1,435	17,026	
Spot Prawn Trawl	0	0	0	0	0	0	0	0	0	0	0	
Spot Prawn Pot	0	0	0	0	0	0	0	0	0	0	0	
Ridgeback Prawn Trawl	0	0	0	0	0	0	0	0	0	0	0	
Pacific Halibut	0	635	29	59	168	891	193	212	86	61	552	
CA Halibut (except Gillnet)	0	0	0	0	0	0	0	0	0	0	0	
Salmon	2	1,198	207	14	12	1,433	141	619	1,171	301	2,232	
Sea Cucumber	0	0	0	0	0	0	0	0	0	0	0	
CA Sheephead	0	0	0	0	0	0	0	0	0	0	0	
Gillnet Complex	0	0	0	19	0	19	0	0	0	0	0	
Squid	0	0	0	0	0	0	0	0	0	0	0	
Other CPS	0	0	65	9	0	74	0	0	0	0	0	
HMS	412	69	1,528	5,278	10	7,297	3,169	3,265	777	36	7,247	
Dungeness Crab	4,708	2,125	24,334	6,838	2,414	40,420	12,649	9,701	6,185	6,367	34,903	
Other Crustaceans	0	0	401	36	142	579	47	82	15	19	163	
Other Species	39	12	0	0	1	52	92	30	32	169	324	
Total	17,827	9,504	34,332	14,467	3,761	79,890	53,645	41,093	24,820	12,491	132,048	

TABLE 3.3-46. Local income impacts associated with commercial fishery landings by major port area for 1999 (\$1,000).

Species Group	CALIFORNIA											At Sea Sector	W - O - C TOTAL
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	Unsp. CA	CA TOTAL		
Whiting	724	73	0	0	0	0	0	0	0	0	798	56,956	91,968
Sablefish	1,289	2,478	1,834	1,233	1,513	320	82	577	183	0	9,509	2	30,670
Shortspine Thornyhead	260	519	334	205	754	230	47	695	69	0	3,112	0	4,540
Longspine Thornyhead	633	1,236	811	466	511	459	40	135	20	0	4,311	0	6,642
Slope Rockfish	60	147	107	120	136	75	66	9	3	0	722	4	4,333
Dover Sole	1,039	1,918	1,270	1,068	885	839	a/	0	0	0	7,020	0	14,958
Rex Sole	107	151	141	93	63	24	a/	0	0	0	579	0	1,016
Petrale Sole	335	746	260	539	267	74	a/	0	0	0	2,228	0	5,194
Arrowtooth Flounder	29	13	1	3	0	0	a/	0	0	0	45	0	5,633
Other Slope Groundfish	13	81	40	14	148	13	0	0	0	0	309	0	414
Widow Rockfish	179	165	199	400	76	53	1	0	1	0	1,074	63	6,785
Chilipepper Rockfish	11	54	553	754	244	54	10	6	8	0	1,693	0	1,698
Yellowtail Rockfish	53	32	7	90	8	1	3	0	0	0	195	673	5,459
Shelf Rockfish	139	167	111	355	151	144	192	110	51	0	1,420	7	4,171
English Sole, Flathead Sole	152	135	119	237	87	17	a/	0	0	0	747	0	1,530
Sandabs	132	166	5	1,118	334	33	a/	51	3	0	1,845	0	2,165
Other ShelfGroundfish	108	81	105	131	105	74	86	75	86	0	851	0	2,689
Nearshore Rockfish	293	120	204	453	324	1,264	240	154	25	0	3,077	0	3,553
Other Flatfish	25	10	1	191	18	9	19	34	1	0	309	0	576
Other Groundfish	67	22	506	98	144	893	174	17	3	0	1,923	0	2,052
Groundfish Total	5,649	8,316	6,606	7,570	5,768	4,574	968	1,864	453	0	41,767	57,706	196,046
Pink Shrimp Trawl	2,664	979	327	72	1	395	10	0	0	0	4,448	0	23,627
Spot Prawn Trawl	0	0	75	962	400	1,552	1,714	219	0	0	4,922	0	4,922
Spot Prawn Pot	0	0	1	89	276	32	927	1,314	571	0	3,210	0	3,210
Ridgeback Prawn Trawl	0	0	0	2	2	5	4,289	10	0	0	4,307	0	4,307
Pacific Halibut	0	0	12	0	0	0	0	0	0	0	12	0	1,455
CA Halibut (except Gillnet)	21	4	0	2,695	269	319	687	598	22	0	4,616	0	4,616
Salmon	22	135	343	12,008	3,860	133	14	0	0	0	16,515	0	20,181
Sea Cucumber	0	0	0	12	0	0	971	313	59	0	1,355	0	1,355
CA Sheephead	0	0	0	0	1	46	167	201	134	0	549	0	549
Gillnet Complex	0	0	0	0	495	62	1,243	1,390	298	0	3,488	0	3,507
Squid	0	0	0	8	326	20	94,757	42,521	12	0	137,644	0	137,644
Other CPS	0	1	0	66	11,262	0	4,354	38,019	445	0	54,146	0	54,220
HMS	308	1,031	130	1,020	4,022	1,889	800	48,973	10,905	0	69,077	0	83,621
Dungeness Crab	12,731	9,908	2,206	4,986	124	7	0	0	0	0	29,962	0	105,285
Other Crustaceans	596	17	0	2,772	73	293	4,637	2,992	2,325	1	13,707	0	14,449
Other Species	19	31	3,739	839	0	14	15,579	6,014	1,218	0	27,453	0	27,829
Total	22,008	20,421	13,440	33,100	26,879	9,342	131,117	144,429	16,441	1	417,179	57,706	686,823

a/ Values omitted to preserve confidentiality. Totals include the value.

TABLE 3.3-47. Local income impacts associated with commercial fishery landings by major port area for 1999 (% of Total).

	WASHINGTON						OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA Coast	South WA Coast	Unsp. Wa	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Species Group											
Whiting	0.0	0.0	8.7	6.5	0.0	4.9	30.4	31.0	4.9	0.0	22.9
Sablefish	13.4	37.3	3.7	0.9	26.6	10.4	7.8	9.4	13.5	11.5	9.7
Shortspine Thornyhead	0.6	0.6	0.2	0.1	0.1	0.3	0.7	0.7	1.4	1.1	0.9
Longspine Thornyhead	0.2	0.0	0.2	0.1	0.0	0.1	1.4	0.8	3.5	2.0	1.7
Slope Rockfish	8.5	2.7	1.0	0.3	0.2	2.7	1.4	0.8	1.2	0.6	1.1
Dover Sole	4.7	1.9	1.0	1.2	0.0	1.9	5.2	2.4	8.5	4.4	4.9
Rex Sole	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.8	0.2	0.3
Petrale Sole	2.7	2.5	0.4	0.4	0.0	1.2	1.3	0.9	3.4	1.0	1.5
Arrowtooth Flounder	17.5	2.4	0.6	0.8	0.0	4.6	2.9	0.4	0.7	0.1	1.4
Other Slope Groundfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1
Widow Rockfish	4.9	1.0	0.7	0.6	0.0	1.6	2.8	4.6	2.7	2.3	3.3
Chilipepper Rockfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellowtail Rockfish	7.8	2.5	0.7	1.0	0.0	2.5	3.2	1.0	1.2	1.0	2.0
Shelf Rockfish	5.6	1.1	0.2	0.3	0.0	1.5	0.7	1.1	1.4	3.0	1.2
English Sole, Flathead Sole	0.7	1.3	0.1	0.1	0.0	0.4	0.3	0.2	0.8	0.2	0.4
Sandabs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.2
Other ShelfGroundfish	4.3	3.9	0.2	0.1	0.0	1.5	0.5	0.2	0.4	1.2	0.5
Nearshore Rockfish	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	3.1	0.4
Other Flatfish	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.0	0.2
Other Groundfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1
Groundfish Total	71.0	57.4	17.7	12.3	26.9	33.8	59.4	53.9	46.3	32.8	52.7
Pink Shrimp Trawl	0.0	0.1	4.9	3.0	0.0	2.7	10.2	12.3	20.4	11.5	12.9
Spot Prawn Trawl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spot Prawn Pot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ridgeback Prawn Trawl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Halibut	0.0	6.7	0.1	0.4	4.5	1.1	0.4	0.5	0.3	0.5	0.4
CA Halibut (except Gillnet)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmon	0.0	12.6	0.6	0.1	0.3	1.8	0.3	1.5	4.7	2.4	1.7
Sea Cucumber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CA Sheephead	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gillnet Complex	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Squid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other CPS	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
HMS	2.3	0.7	4.5	36.5	0.3	9.1	5.9	7.9	3.1	0.3	5.5
Dungeness Crab	26.4	22.4	70.9	47.3	64.2	50.6	23.6	23.6	24.9	51.0	26.4
Other Crustaceans	0.0	0.0	1.2	0.3	3.8	0.7	0.1	0.2	0.1	0.2	0.1
Other Species	0.2	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.1	1.4	0.2
Total	100	100	100	100	100	100	100	100	100	100	100

TABLE 3.3-47. Local income impacts associated with commercial fishery landings by major port area for 1999 (% of Total).

Species Group	CALIFORNIA											At Sea Sector	W - O - C TOTAL
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	Unsp. CA	CA TOTAL		
Whiting	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	98.7	13.4
Sablefish	5.9	12.1	13.6	3.7	5.6	3.4	0.1	0.4	1.1	0.0	2.3	0.0	4.5
Shortspine Thornyhead	1.2	2.5	2.5	0.6	2.8	2.5	0.0	0.5	0.4	0.0	0.7	0.0	0.7
Longspine Thornyhead	2.9	6.1	6.0	1.4	1.9	4.9	0.0	0.1	0.1	0.0	1.0	0.0	1.0
Slope Rockfish	0.3	0.7	0.8	0.4	0.5	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.6
Dover Sole	4.7	9.4	9.4	3.2	3.3	9.0	0.0	0.0	0.0	0.0	1.7	0.0	2.2
Rex Sole	0.5	0.7	1.0	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Petrale Sole	1.5	3.7	1.9	1.6	1.0	0.8	0.0	0.0	0.0	0.0	0.5	0.0	0.8
Arrowtooth Flounder	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Other Slope Groundfish	0.1	0.4	0.3	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Widow Rockfish	0.8	0.8	1.5	1.2	0.3	0.6	0.0	0.0	0.0	0.0	0.3	0.1	1.0
Chilipepper Rockfish	0.0	0.3	4.1	2.3	0.9	0.6	0.0	0.0	0.0	0.0	0.4	0.0	0.2
Yellowtail Rockfish	0.2	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.8
Shelf Rockfish	0.6	0.8	0.8	1.1	0.6	1.5	0.1	0.1	0.3	0.0	0.3	0.0	0.6
English Sole, Flathead Sole	0.7	0.7	0.9	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.2
Sandabs	0.6	0.8	0.0	3.4	1.2	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.3
Other ShelfGroundfish	0.5	0.4	0.8	0.4	0.4	0.8	0.1	0.1	0.5	0.0	0.2	0.0	0.4
Nearshore Rockfish	1.3	0.6	1.5	1.4	1.2	13.5	0.2	0.1	0.2	0.0	0.7	0.0	0.5
Other Flatfish	0.1	0.0	0.0	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Other Groundfish	0.3	0.1	3.8	0.3	0.5	9.6	0.1	0.0	0.0	0.0	0.5	0.0	0.3
Groundfish Total	25.7	40.7	49.2	22.9	21.5	49.0	0.7	1.3	2.8	0.0	10.0	100.0	28.5
Pink Shrimp Trawl	12.1	4.8	2.4	0.2	0.0	4.2	0.0	0.0	0.0	0.0	1.1	0.0	3.4
Spot Prawn Trawl	0.0	0.0	0.6	2.9	1.5	16.6	1.3	0.2	0.0	0.0	1.2	0.0	0.7
Spot Prawn Pot	0.0	0.0	0.0	0.3	1.0	0.3	0.7	0.9	3.5	0.0	0.8	0.0	0.5
Ridgeback Prawn Trawl	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.0	0.0	0.0	1.0	0.0	0.6
Pacific Halibut	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
CA Halibut (except Gillnet)	0.1	0.0	0.0	8.1	1.0	3.4	0.5	0.4	0.1	0.0	1.1	0.0	0.7
Salmon	0.1	0.7	2.6	36.3	14.4	1.4	0.0	0.0	0.0	0.0	4.0	0.0	2.9
Sea Cucumber	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.4	0.0	0.3	0.0	0.2
CA Sheephead	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.1	0.8	0.0	0.1	0.0	0.1
Gillnet Complex	0.0	0.0	0.0	0.0	1.8	0.7	0.9	1.0	1.8	0.0	0.8	0.0	0.5
Squid	0.0	0.0	0.0	0.0	1.2	0.2	72.3	29.4	0.1	0.0	33.0	0.0	20.0
Other CPS	0.0	0.0	0.0	0.2	41.9	0.0	3.3	26.3	2.7	0.0	13.0	0.0	7.9
HMS	1.4	5.0	1.0	3.1	15.0	20.2	0.6	33.9	66.3	0.0	16.6	0.0	12.2
Dungeness Crab	57.8	48.5	16.4	15.1	0.5	0.1	0.0	0.0	0.0	0.0	7.2	0.0	15.3
Other Crustaceans	2.7	0.1	0.0	8.4	0.3	3.1	3.5	2.1	14.1	100.0	3.3	0.0	2.1
Other Species	0.1	0.2	27.8	2.5	0.0	0.2	11.9	4.2	7.4	0.0	6.6	0.0	4.1
Total	100	100	100	100	100	100	100	100	100	100	100	100	100

a/ Values omitted to preserve confidentiality. Totals include the value.

TABLE 3.3-48 Income and Employment from Commercial Fishing Activities by Port Area: 2000-2001.

Port Group Area	All Commercial Fishery						All Groundfish			
	Commercial Fishery-Related Income (\$,000)	Fishery-Related Income as a share of Total Personal Income		Commercial Fishery-Related Employment	Fishery-Related Employment as a share of Total Employment		Income (\$,000)	Employ.	Groundfish-Related Income as a share of Total Fishery Income	
		(Percent)	(Rank)		(Percent)	(Rank)			(Percent)	(Rank)
Puget Sound	14,344	0.01%	17	531	0.03%	16	8,694	322	60.61%	1
NW Olympic Peninsula	8,262	0.36%	9	357	1.14%	8	4,865	210	58.89%	2
Central WA Coast	29,858	2.03%	5	1,091	4.26%	6	7,442	272	24.93%	10
South WA Coast	21,053	4.78%	1	957	14.24%	1	1,557	71	7.39%	14
Astoria-Tillamook	46,402	3.29%	4	1,959	7.72%	4	24,122	1,019	51.98%	3
Newport	45,709	4.27%	2	1,968	10.76%	2	22,122	952	48.40%	5
Coos Bay	23,476	0.20%	11	948	0.44%	11	9,266	374	39.47%	7
Brookings	8,792	1.77%	6	400	5.76%	5	3,754	171	42.70%	6
Crescent City	19,111	3.90%	3	773	9.43%	3	6,246	253	32.68%	9
Eureka	14,729	0.50%	8	591	1.11%	9	7,501	301	50.93%	4
Fort Bragg	15,740	0.73%	7	650	1.82%	7	6,183	255	39.28%	8
San Francisco	39,330	0.02%	15	1,205	0.04%	15	5,744	176	14.60%	13
Monterey	34,174	0.16%	12	1,146	0.39%	12	5,091	171	14.90%	12
San Luis Obispo	10,348	0.16%	13	374	0.36%	13	2,482	90	23.99%	11
Santa Barbara	98,377	0.26%	10	3,075	0.78%	10	1,396	44	1.42%	16
Los Angeles	149,075	0.04%	14	3,840	0.06%	14	1,148	30	0.77%	17
San Diego	13,431	0.01%	16	367	0.03%	17	625	17	4.65%	15
TOTAL	592,209	0.06%		20,230	0.15%		118,239	4,726	19.97%	

* Includes total income and employment impacts: wages and salaries paid to primary producers, processors and suppliers, and the additional income and employment generated when wages and salaries are spent (PFMC FEAM 9/02).

Table 3.3-48 Income and Employment from Commercial Fishing Activities by Port Area: 2000-2001.

Port Group Area	Groundfish Limited Entry Trawl				Other Groundfish Gear			
	Income (\$,000)	Employ.	Limited Entry Groundfish Trawl-Related Income as a share of Fishery Income		Income (\$,000)	Employ.	Other Groundfish-Related Income as a share of Fishery Income	
			(Percent)	(Rank)			(Percent)	(Rank)
Puget Sound	6,558	243	45.72%	2	2,136	79	14.89%	3
NW Olympic Peninsula	1,318	57	15.96%	10	3,547	153	42.93%	1
Central WA Coast	6,558	240	21.96%	9	885	32	2.96%	14
South WA Coast	1,377	63	6.54%	14	180	8	0.85%	16
Astoria-Tillamook	22,338	943	48.14%	1	1,784	75	3.85%	13
Newport	19,991	861	43.74%	3	2,132	92	4.66%	10
Coos Bay	7,718	312	32.88%	5	1,548	63	6.59%	8
Brookings	1,985	90	22.58%	8	1,769	80	20.12%	2
Crescent City	5,019	203	26.26%	7	1,227	50	6.42%	9
Eureka	6,437	258	43.70%	4	1,064	43	7.23%	7
Fort Bragg	4,503	186	28.61%	6	1,680	69	10.68%	5
San Francisco	4,176	128	10.62%	11	1,569	48	3.99%	12
Monterey	2,579	86	7.55%	13	2,512	84	7.35%	6
San Luis Obispo	1,095	40	10.58%	12	1,388	50	13.41%	4
Santa Barbara	9	0	0.01%	16	1,387	43	1.41%	15
Los Angeles	1	0	0.00%	17	1,147	30	0.77%	17
San Diego	4	0	0.03%	15	621	17	4.62%	11
TOTAL	91,664	3,709	15.48%		26,575	1,017	4.49%	

TABLE 3.3-49 Coastal Counties Economic Profile: 2000.

State	County	Population	per capita			Wages & Salaries (\$,000)	Wage & Salary Employment	Average Annual	
			Personal Income (\$,000)	Personal Income (\$)	Rank			Wage	Rank
Washington	1 Whatcom	167,553	3,876,078	\$23,133	35	1,980,237	73,263	\$27,029	29
	2 Skagit	103,421	2,731,740	\$26,414	23	1,293,308	46,317	\$27,923	24
	3 Snohomish	609,009	17,292,237	\$28,394	18	8,160,501	232,422	\$35,111	13
	4 King	1,737,290	79,109,294	\$45,536	4	59,063,777	1,243,700	\$47,490	3
	5 Pierce	703,631	18,003,889	\$25,587	25	8,632,755	281,215	\$30,698	20
	6 Thurston	208,355	5,513,010	\$26,460	22	2,878,743	90,584	\$31,780	19
	7 Clallam	64,702	1,573,934	\$24,326	29	561,902	22,482	\$24,993	33
	8 Jefferson	26,091	706,938	\$27,095	20	203,195	8,771	\$23,167	42
	9 Grays Harbor	67,158	1,471,312	\$21,908	41	700,300	25,580	\$27,377	27
	10 Pacific	20,915	440,091	\$21,042	44	147,850	6,721	\$21,998	44
	11 Wahkiakum	3,836	83,642	\$21,804	42	22,832	915	\$24,953	34
	12 Cowlitz	93,014	2,181,520	\$23,454	33	1,262,697	41,326	\$30,555	21
	13 Clark	347,285	10,100,784	\$29,085	17	4,007,609	123,360	\$32,487	16
	14 Skamania	9,903	226,002	\$22,822	36	58,725	2,226	\$26,381	31
	15 Klickitat	19,245	411,075	\$21,360	43	176,766	6,421	\$27,529	26
Oregon	16 Clatsop	35,579	871,360	\$24,491	28	411,871	16,677	\$24,697	38
	17 Tillamook	24,218	539,318	\$22,269	37	206,378	8,714	\$23,683	40
	18 Lincoln	44,303	1,069,940	\$24,151	30	424,878	18,293	\$23,226	41
	19 Lane	323,271	8,270,707	\$25,584	26	4,136,524	152,006	\$27,213	28
	20 Douglas	100,494	2,233,599	\$22,226	39	1,048,681	40,379	\$25,971	32
	21 Coos	62,660	1,393,735	\$22,243	38	564,444	22,801	\$24,755	36
	22 Curry	21,101	495,703	\$23,492	32	152,689	6,944	\$21,989	45
	23 Columbia	43,685	1,136,971	\$26,027	24	311,099	11,080	\$28,078	23
	24 Multnomah	660,767	21,746,116	\$32,910	11	17,586,060	483,031	\$36,408	10
	25 Hood River	20,473	451,562	\$22,056	40	241,300	10,642	\$22,674	43
	26 Wasco	23,826	574,677	\$24,120	31	266,997	10,003	\$26,692	30
California	27 Del Norte	27,475	490,584	\$17,856	45	202,748	8,200	\$24,725	37
	28 Humboldt	126,350	2,936,028	\$23,237	34	1,325,550	53,166	\$24,932	35
	29 Mendocino	86,374	2,146,557	\$24,852	27	864,139	35,671	\$24,225	39
	30 Sonoma	460,268	16,046,410	\$34,863	9	7,239,542	205,975	\$35,148	11
	31 Marin	247,506	15,003,372	\$60,618	1	5,131,728	121,562	\$42,215	5
	32 Napa	124,711	4,729,986	\$37,928	7	2,112,419	64,747	\$32,626	15
	33 Solano	397,261	10,866,704	\$27,354	19	7,239,542	205,975	\$35,148	11
	34 Contra Costa	953,395	39,194,448	\$41,110	5	15,233,818	363,033	\$41,963	6
	35 Alameda	1,449,158	55,972,377	\$38,624	6	33,371,613	749,643	\$44,517	4
	36 San Francisco	776,343	42,910,077	\$55,272	3	37,804,060	656,765	\$57,561	2
	37 San Mateo	707,867	41,512,033	\$58,644	2	27,082,902	406,886	\$66,561	1
	38 Santa Cruz	255,813	9,610,039	\$37,567	8	3,863,847	110,918	\$34,835	14
	39 Monterey	403,092	11,969,747	\$29,695	15	5,406,010	181,310	\$29,816	22
	40 San Luis Obispo	247,629	6,669,227	\$26,932	21	2,846,132	102,752	\$27,699	25
	41 Santa Barbara	399,753	13,085,333	\$32,734	12	6,275,585	195,707	\$32,066	17
	42 Ventura	757,097	24,165,838	\$31,919	14	6,317,325	197,434	\$31,997	18
	43 Los Angeles	9,546,597	281,834,553	\$29,522	16	173,853,105	4,427,699	\$39,265	7
	44 Orange	2,856,493	99,583,001	\$34,862	10	58,530,357	1,507,603	\$38,823	8
	45 San Diego	2,824,809	91,850,033	\$32,515	13	51,201,945	1,397,285	\$36,644	9
TOTAL		28,189,776	953,081,581	\$33,809		560,404,485	13,978,204	\$40,091	

Source: U.S. Department of Commerce / Bureau of Economic Analysis / Regional Economic Information System (REIS)

TABLE 3.3-49 Coastal Counties Economic Profile: 2000.

State	County	Dividends, Interest & Rent (\$,000)	D.I.&R. per capita	Rank	Transfer Payments (\$,000)	Transfer Payments per capita	Rank	net Residence Adjustment (\$,000)	Res. Adj. per capita	Rank
Washington	1 Whatcom	857,041	\$5,115	33	603,138	\$3,600	27	46,004	\$275	25
	2 Skagit	624,761	\$6,041	19	442,403	\$4,278	16	51,767	\$501	21
	3 Snohomish	2,512,936	\$4,126	41	1,835,344	\$3,014	41	3,683,489	\$6,048	8
	4 King	13,608,030	\$7,833	8	5,841,253	\$3,362	32	-6,918,248	-\$3,982	43
	5 Pierce	2,964,336	\$4,213	39	2,562,889	\$3,642	25	2,202,014	\$3,130	13
	6 Thurston	994,386	\$4,773	37	784,273	\$3,764	24	371,558	\$1,783	16
	7 Clallam	497,610	\$7,691	9	348,544	\$5,387	3	7,744	\$120	32
	8 Jefferson	235,817	\$9,038	5	134,576	\$5,158	6	74,435	\$2,853	14
	9 Grays Harbor	272,156	\$4,052	42	346,474	\$5,159	5	13,284	\$198	27
	10 Pacific	108,981	\$5,211	32	118,944	\$5,687	2	14,384	\$688	18
	11 Wahkiakum	21,476	\$5,599	26	18,288	\$4,767	10	14,119	\$3,681	12
	12 Cowlitz	385,221	\$4,142	40	421,895	\$4,536	15	-38,680	-\$416	39
	13 Clark	1,757,873	\$5,062	34	1,149,774	\$3,311	34	2,382,881	\$6,861	7
	14 Skaminia	37,677	\$3,805	44	32,423	\$3,274	35	84,594	\$8,542	4
	15 Klickitat	100,901	\$5,243	30	89,329	\$4,642	13	-621	-\$32	34
Oregon	16 Clatsop	200,311	\$5,630	25	144,296	\$4,056	19	4,402	\$124	31
	17 Tillamook	144,925	\$5,984	20	114,026	\$4,708	12	3,240	\$134	30
	18 Lincoln	285,927	\$6,454	15	224,397	\$5,065	7	-2,199	-\$50	35
	19 Lane	1,867,363	\$5,776	24	1,274,381	\$3,942	20	53,739	\$166	28
	20 Douglas	488,408	\$4,860	35	484,219	\$4,818	8	-15,745	-\$157	36
	21 Coos	338,592	\$5,404	29	323,489	\$5,163	4	17,733	\$283	24
	22 Curry	166,976	\$7,913	7	120,806	\$5,725	1	9,271	\$439	22
	23 Columbia	190,919	\$4,370	38	157,698	\$3,610	26	395,241	\$9,048	3
	24 Multnomah	4,399,832	\$6,659	14	2,494,899	\$3,776	23	-5,436,581	-\$8,228	44
	25 Hood River	112,104	\$5,476	27	64,812	\$3,166	38	-18,957	-\$926	41
	26 Wasco	129,539	\$5,437	28	101,764	\$4,271	17	16,737	\$702	17
California	27 Del Norte	88,373	\$3,216	45	131,533	\$4,787	9	-16,753	-\$610	40
	28 Humboldt	611,074	\$4,836	36	580,766	\$4,596	14	-41,011	-\$325	37
	29 Mendocino	505,595	\$5,854	22	408,116	\$4,725	11	18,266	\$211	26
	30 Sonoma	3,389,134	\$7,363	11	1,557,072	\$3,383	31	1,833,287	\$3,983	10
	31 Marin	3,993,712	\$16,136	1	802,924	\$3,244	37	3,338,923	\$13,490	1
	32 Napa	1,031,205	\$8,269	6	486,290	\$3,899	21	467,688	\$3,750	11
	33 Solano	1,518,564	\$3,823	43	1,196,848	\$3,013	42	3,020,738	\$7,604	6
	34 Contra Costa	7,234,185	\$7,588	10	3,265,328	\$3,425	30	9,187,760	\$9,637	2
	35 Alameda	8,631,651	\$5,956	21	5,185,235	\$3,578	28	3,373,599	\$2,328	15
	36 San Francisco	7,905,352	\$10,183	3	3,305,682	\$4,258	18	-12,970,485	-\$16,707	45
	37 San Mateo	8,185,364	\$11,563	2	2,067,317	\$2,920	44	77,797	\$110	33
	38 Santa Cruz	1,762,579	\$6,890	13	771,078	\$3,014	40	2,072,654	\$8,102	5
	39 Monterey	2,531,670	\$6,281	18	1,240,610	\$3,078	39	176,972	\$439	23
	40 San Luis Obispo	1,706,386	\$6,891	12	857,967	\$3,465	29	152,359	\$615	20
	41 Santa Barbara	3,769,862	\$9,430	4	1,302,184	\$3,257	36	-142,351	-\$356	38
	42 Ventura	4,404,399	\$5,817	23	2,229,153	\$2,944	43	3,142,234	\$4,150	9
	43 Los Angeles	49,972,023	\$5,235	31	36,161,091	\$3,788	22	-17,786,142	-\$1,863	42
	44 Orange	18,428,193	\$6,451	16	7,939,765	\$2,780	45	1,826,853	\$640	19
	45 San Diego	17,802,799	\$6,302	17	9,492,893	\$3,361	33	443,184	\$157	29
TOTAL		176,776,218	\$6,271		99,216,186	\$3,520		-4,808,823	-\$171	

Source: U.S. Department of Commerce / Bureau of Economic Analysis / Regional Economic Information System (REIS)

TABLE 3.3-50 Coastal Counties Social Profile.

								Race of Census Households					
County		Unemploy- ment Rate (2001)	Rank	Poverty Rate (1998)	Rank	Median Income (1998)	Rank	White	Black or African American	American Indian and Alaska Native	Asian	Other	Hispanic or Latino (of any race)
Washington													
1	Whatcom	6.8%	27	11.1%	19	\$39,261	25	88.4%	0.7%	2.8%	2.8%	8.1%	5.2%
2	Skagit	7.4%	32	10.9%	18	\$39,992	24	86.5%	0.4%	1.9%	1.5%	11.2%	11.2%
3	Snohomish	5.4%	16	6.6%	2	\$51,560	6	85.6%	1.7%	1.4%	5.8%	11.3%	4.7%
4	King	5.1%	13	7.6%	4	\$52,435	4	75.7%	5.4%	0.9%	10.8%	17.9%	5.5%
5	Pierce	6.4%	25	10.3%	14	\$44,389	17	78.4%	7.0%	1.4%	5.1%	13.2%	5.5%
6	Thurston	5.7%	18	8.8%	8	\$44,474	16	85.7%	2.4%	1.5%	4.4%	10.5%	4.5%
7	Clallam	7.8%	33	12.3%	24	\$35,816	31	89.1%	0.8%	5.1%	1.1%	4.9%	3.4%
8	Jefferson	5.8%	20	11.5%	20	\$37,745	27	92.2%	0.4%	2.3%	1.2%	5.1%	2.1%
9	Grays Harbor	10.6%	42	16.1%	40	\$31,831	38	88.3%	0.3%	4.7%	1.2%	6.7%	4.8%
10	Pacific	9.0%	37	15.6%	38	\$28,946	45	90.5%	0.2%	2.4%	2.1%	6.8%	5.0%
11	Wahkiakum	7.3%	31	10.7%	16	\$37,465	29	93.5%	0.3%	1.6%	0.5%	4.7%	2.6%
12	Cowlitz	11.0%	43	12.8%	26	\$38,819	26	91.8%	0.5%	1.5%	1.3%	6.2%	4.6%
13	Clark	7.1%	30	8.8%	8	\$47,916	10	88.8%	1.7%	0.8%	3.2%	8.7%	4.7%
14	Skamania	11.1%	44	9.7%	11	\$40,735	20	92.1%	0.3%	2.2%	0.5%	5.4%	4.0%
15	Klickitat	15.1%	45	14.9%	34	\$34,575	35	87.6%	0.3%	3.5%	0.7%	8.7%	7.8%
Oregon													
16	Clatsop	5.2%	14	13.4%	28	\$34,716	34	93.1%	0.5%	1.0%	1.2%	5.3%	4.5%
17	Tillamook	5.5%	17	14.3%	33	\$30,975	41	93.9%	0.2%	1.2%	0.6%	4.7%	5.1%
18	Lincoln	6.9%	29	15.8%	39	\$31,466	40	90.6%	0.3%	3.1%	0.9%	6.0%	4.8%
19	Lane	6.8%	27	13.7%	30	\$35,935	30	90.6%	0.8%	1.1%	2.0%	7.5%	4.6%
20	Douglas	9.0%	37	15.3%	36	\$33,178	36	93.9%	0.2%	1.5%	0.6%	4.4%	3.3%
21	Coos	8.2%	35	17.5%	41	\$30,766	42	92.0%	0.3%	2.4%	0.9%	5.3%	3.4%
22	Curry	6.0%	21	15.0%	35	\$29,180	44	92.9%	0.2%	2.1%	0.7%	4.8%	3.6%
23	Columbia	7.8%	33	9.0%	10	\$45,597	14	94.4%	0.2%	1.3%	0.6%	4.0%	2.5%
24	Multnomah	6.3%	24	12.3%	24	\$40,038	22	79.2%	5.7%	1.0%	5.7%	14.1%	7.5%
25	Hood River	9.2%	39	13.9%	31	\$35,227	33	78.9%	0.6%	1.1%	1.5%	19.4%	25.0%
26	Wasco	10.1%	41	13.4%	28	\$35,532	32	86.6%	0.3%	3.8%	0.8%	9.3%	9.3%
California													
27	Del Norte	8.7%	36	20.7%	45	\$30,420	43	78.9%	4.3%	6.4%	2.3%	10.4%	13.9%
28	Humboldt	6.1%	22	17.8%	43	\$31,630	39	84.7%	0.9%	5.7%	1.7%	8.7%	6.5%
29	Mendocino	6.6%	26	17.5%	41	\$32,994	37	80.8%	0.6%	4.8%	1.2%	13.9%	16.5%
30	Sonoma	2.9%	4	8.4%	6	\$46,149	13	81.6%	1.4%	1.2%	3.1%	15.8%	17.3%
31	Marin	2.5%	1	6.6%	2	\$62,126	1	84.0%	2.9%	0.4%	4.5%	12.7%	11.1%
32	Napa	3.3%	7	8.7%	7	\$46,246	12	80.0%	1.3%	0.8%	3.0%	17.9%	23.7%
33	Solano	4.1%	10	10.6%	15	\$47,953	9	56.4%	14.9%	0.8%	12.7%	27.9%	17.6%
34	Contra Costa	3.3%	7	8.1%	5	\$57,611	3	65.5%	9.4%	0.6%	11.0%	24.5%	17.7%
35	Alameda	4.5%	11	10.8%	17	\$48,445	8	48.8%	14.9%	0.6%	20.4%	35.6%	19.0%
36	San Francisco	5.2%	14	11.7%	21	\$47,239	11	49.7%	7.8%	0.4%	30.8%	42.1%	14.1%
37	San Mateo	2.8%	2	5.9%	1	\$59,771	2	59.5%	3.5%	0.4%	20.0%	36.6%	21.9%
38	Santa Cruz	6.1%	22	12.0%	22	\$45,267	15	75.1%	1.0%	1.0%	3.4%	23.0%	26.8%
39	Monterey	9.3%	40	15.4%	37	\$40,480	21	55.9%	3.7%	1.0%	6.0%	39.3%	46.8%
40	San Luis Obispo	2.8%	2	12.2%	23	\$40,032	23	84.6%	2.0%	0.9%	2.7%	12.4%	16.3%
41	Santa Barbara	3.5%	9	14.1%	32	\$42,806	18	72.7%	2.3%	1.2%	4.1%	23.8%	34.2%
42	Ventura	4.5%	11	10.0%	12	\$51,710	5	69.9%	1.9%	0.9%	5.3%	27.2%	33.4%
43	Los Angeles	5.7%	18	18.9%	44	\$37,655	28	48.7%	9.8%	0.8%	11.9%	40.7%	44.6%
44	Orange	3.0%	5	10.1%	13	\$50,986	7	64.8%	1.7%	0.7%	13.6%	32.8%	30.8%
45	San Diego	3.2%	6	13.1%	27	\$41,909	19	66.5%	5.7%	0.9%	8.9%	26.9%	26.7%

Source: U.S. Department of Labor / Bureau of Labor Statistics; U.S. Department of Commerce / Bureau of the Census / 1999 Current Population Survey; U.S. Department of Commerce / Bureau of the Census / Census 2000 Redistricting Data

TABLE 3.4-1. Coastwide annual and bi-monthly commercial landings of overfished species by fleet, metric tons 1999-2001.

	Species/Fleet	1999	2000	2001	1999						2000						2001					
		All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
2003 GROUNDFISH ANNUAL SPECS FEIS	Bocaccio																					
	LE Trawl	30.3	16.1	13.9	5.5	5.1	5.8	6.3	5.6	2.0	0.8	2.3	3.3	2.7	3.8	3.2	2.0	2.2	3.1	3.8	2.7	0.0
	LE Fixed-gear	5.0	2.4	2.4	0.5	1.0	1.0	0.7	1.6	0.1	0.0	0.1	0.8	0.6	0.6	0.3	0.3	0.1	0.4	1.2	0.5	
	LE Shrimp-trawl	0.3	0.1	0.0	0.3	0.0			0.0		0.0	0.1		0.0	0.0					0.0		
	OA Non-shrimp	22.8	5.9	6.4	3.7	5.1	3.4	4.7	4.0	1.9	0.8	0.1	1.4	0.8	1.3	1.6	1.6	0.3	0.5	2.0	2.0	
	OA Shrimp-trawl	0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0			0.0	0.0			0.0		0.0	0.1			
	Total	58.5	24.6	22.8	10.0	11.2	10.2	11.8	11.4	4.0	1.6	2.6	5.4	4.1	5.8	5.2	3.9	2.7	4.1	6.9	5.2	0.0
	Canary																					
	LE Trawl	494.6	33.4	25.6	25.5	67.8	179.0	153.0	66.9	2.4	0.2	2.1	10.3	10.3	8.9	1.6	0.9	1.8	8.2	11.1	3.5	0.1
	LE Fixed-gear	55.4	5.9	5.1	2.0	8.0	24.2	15.4	5.8	0.0	0.2	0.5	2.2	1.3	1.2	0.4	0.6	0.7	1.5	1.3	1.0	
	LE Shrimp-trawl	14.2	4.3	0.7		0.9	5.3	4.8	3.3			0.0	0.9	2.7	0.7		0.0	0.0	0.5	0.2	0.0	
	OA Non-shrimp	56.6	5.0	2.8	0.4	11.1	19.8	19.0	5.8	0.4	0.3	0.4	1.8	1.2	1.0	0.3	0.2	0.5	1.1	0.7	0.3	
	OA Shrimp-trawl	21.3	7.2	2.0		1.2	9.2	7.0	4.0	0.0		0.0	1.6	3.9	1.6			0.1	0.8	1.0	0.0	
	Total	642.2	55.8	36.2	28.0	88.9	237.5	199.2	85.8	2.8	0.6	3.0	16.9	19.5	13.5	2.3	1.7	3.1	12.2	14.3	4.8	0.1
	Cowcod																					
	LE Trawl	3.8	1.4	0.8	0.5	1.2	0.1	0.8	1.2	0.0	0.1	0.2	0.1	0.3	0.3	0.3	0.4	0.2	0.0	0.1	0.1	0.1
	LE Fixed-gear	0.3	0.5		0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0						
	LE Shrimp-trawl		0.0									0.0	0.0	0.0	0.0							
	OA Non-shrimp	2.2	0.4	0.0	0.4	0.8	0.3	0.4	0.0	0.2	0.0	0.0	0.1	0.1	0.1	0.1			0.0			
	OA Shrimp-trawl	0.2	0.1		0.0	0.0	0.0	0.1	0.0			0.0	0.0	0.0								
	Total	6.5	2.4	0.8	1.0	2.1	0.5	1.4	1.2	0.2	0.2	0.3	0.2	0.8	0.6	0.4	0.4	0.2	0.0	0.1	0.1	0.1
3-164	Darkblotched																					
	LE Trawl	280.2	216.5	141.0	34.1	56.8	96.1	64.1	26.8	2.3	28.7	25.3	52.5	42.7	41.7	25.7	22.2	24.9	33.8	31.5	26.4	2.4
	LE Fixed-gear		1.7	1.8							0.0	0.7	0.3	0.4	0.3	0.0	0.0	0.1	0.0	0.6	1.0	
	LE Shrimp-trawl	2.0		0.0		0.0	0.0	1.5	0.4										0.0	0.0		
	OA Non-shrimp	0.1	0.5	0.2		0.0		0.0	0.1		0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0		0.1
	OA Shrimp-trawl	2.0	0.0	0.0		0.0	0.3	1.3	0.4				0.0						0.0	0.0	0.0	
	Total	284.3	218.8	143.1	34.1	56.8	96.5	67.0	27.6	2.3	28.7	26.2	52.9	43.3	42.0	25.8	22.2	25.1	33.8	32.1	27.4	2.4
	Lingcod																					
	LE Trawl	204.3	61.8	58.5	12.1	30.9	59.2	59.8	32.4	9.9	0.0	0.1	18.3	24.8	18.1	0.5	0.2	0.0	21.1	18.8	18.3	0.1
	LE Fixed-gear	33.1	17.2	18.8	2.1	4.4	7.3	12.2	6.6	0.5			4.8	6.4	5.8	0.1		0.0	5.1	7.8	5.8	0.1
	LE Shrimp-trawl	14.9	6.4	1.6		1.0	5.8	5.9	2.2				3.6	2.5	0.3				0.9	0.4	0.2	
	OA Non-shrimp	84.7	49.0	63.5	0.6	11.7	25.3	34.0	12.7	0.4	0.1	1.1	26.9	20.2	0.6	0.1	0.0	0.0	19.3	25.0	19.0	0.1
	OA Shrimp-trawl	17.5	9.1	5.5		0.5	6.1	7.2	3.8				4.8	4.4				0.0	3.2	2.2	0.0	
	Total	354.5	143.5	147.8	14.9	48.5	103.6	119.1	57.7	10.8	0.1	1.2	58.3	58.4	24.8	0.7	0.2	0.1	49.6	54.2	43.5	0.2
	Pacific Ocean Perch																					
	LE Trawl	481.4	139.7	187.5	28.3	75.9	122.6	138.6	88.0	28.0	6.9	6.5	38.8	40.1	35.5	11.9	24.3	22.7	45.5	54.5	40.6	
	LE Fixed-gear	0.1	0.7	0.0			0.1						0.5	0.1	0.0				0.0	0.0	0.0	0.0
	LE Shrimp-trawl	0.0	0.2	0.0			0.0	0.0	0.0				0.2	0.0	0.0				0.0			
	OA Non-shrimp	0.2	0.0	0.0		0.0	0.1	0.0	0.1			0.0		0.0	0.0					0.0		0.0
	OA Shrimp-trawl	0.1	0.1	0.0		0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0			0.0	0.0			
	Total	481.8	140.6	187.6	28.3	75.9	122.8	138.6	88.2	28.0	6.9	6.6	39.5	40.3	35.5	11.9	24.3	22.7	45.5	54.5	40.6	0.0
January 2003	Widow																					
	LE Trawl	3,836.3	3,761.8	1,750.4	882.0	843.6	309.0	345.6	694.7	761.5	374.0	487.1	404.6	601.1	1,069.0	826.1	387.9	456.1	189.6	53.6	15.5	647.7
	LE Fixed-gear	16.1	5.3	0.5	1.7	1.9	2.4	3.9	5.7	0.4	0.1	0.7	1.8	0.9	1.5	0.3	0.1	0.1	0.0	0.1	0.2	
	LE Shrimp-trawl	5.2	1.0	0.5		0.7	1.6	2.3	0.5			0.0	0.2	0.5	0.2			0.0	0.4	0.0	0.0	
	OA Non-shrimp	41.4	17.7	13.0	4.5	4.9	2.8	8.4	14.9	5.8	2.0	0.1	1.6	2.7	6.4	4.9	5.1	1.2	1.9	3.1	1.6	0.1
	OA Shrimp-trawl	4.6	1.7	0.6		0.5	1.6	1.5	0.9	0.0		0.1	0.7	0.7	0.2			0.2	0.3	0.0		

TABLE 3.4-1. Coastwide annual and bi-monthly commercial landings of overfished species by fleet, metric tons 1999-2001.

Species/Fleet	1999	2000	2001	1999						2000						2001					
	All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Total	3,903.5	3,787.5	1,765.0	888.2	851.6	317.6	361.6	716.7	767.7	376.2	487.9	408.9	605.9	1,077.4	831.3	393.2	457.7	192.2	56.8	17.3	647.8
Yelloweye																					
LE Trawl	20.5	1.0	2.2	0.4	1.6	4.3	9.7	4.5	0.0	0.0	0.0	0.2	0.5	0.2	0.0	0.0	0.1	0.5	1.2	0.5	
LE Fixed-gear	47.7	5.0	6.9	0.5	2.5	5.1	34.5	5.1		0.0	0.4	1.3	1.5	1.6	0.1	0.7	1.0	2.0	1.7	1.4	
OA Non-shrimp	15.4	2.9	2.9	0.1	0.6	1.8	10.1	2.6	0.1	0.2	0.1	0.6	1.1	0.6	0.2	0.2	0.5	0.7	1.1	0.5	0.0
Total	83.5	8.9	12.0	1.0	4.7	11.3	54.3	12.2	0.1	0.3	0.6	2.1	3.1	2.5	0.4	0.9	1.6	3.2	4.0	2.3	0.0

TABLE 3.4-2. Annual and bi-monthly commercial landings of overfished species by area and fleet, metric tons, 1999-2001.

Species/Fleet	1999	2000	2001	1999						2000						2001					
	All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Bocaccio																					
CA: Ft. Bragg-Avila																					
LE Trawl	30.3	16.1	13.9	5.5	5.1	5.8	6.3	5.6	2.0	0.8	2.3	3.3	2.7	3.8	3.2	2.0	2.2	3.1	3.8	2.7	0.0
LE Fixed-gear	3.6	1.6	1.5	0.3	0.8	0.5	0.6	1.4	0.1	0.0	0.0	0.5	0.5	0.5	0.1	0.3			0.9	0.4	
LE Shrimp-trawl	0.1	0.1	0.0	0.1	0.0			0.0		0.0	0.1		0.0	0.0					0.0		
OA Non-shrimp	19.4	4.9	4.2	2.8	3.9	2.6	4.6	3.7	1.8	0.7	0.0	1.1	0.7	1.2	1.1	1.6	0.0	0.0	1.6	1.0	
OA Shrimp-trawl	0.2	0.0		0.0	0.0	0.1	0.1	0.0				0.0									
Total	53.6	22.8	19.7	8.6	9.8	8.9	11.6	10.8	3.9	1.6	2.4	4.9	3.9	5.6	4.4	3.9	2.2	3.1	6.3	4.1	0.0
CA: S. of Avila																					
LE Fixed-gear	1.3	0.8	0.8	0.3	0.2	0.5	0.1	0.3	0.0		0.1	0.3	0.1	0.1	0.2	0.0	0.1	0.4	0.3	0.1	
LE Shrimp-trawl	0.1			0.1																	
OA Non-shrimp	3.4	1.0	2.2	0.9	1.2	0.8	0.1	0.3	0.1	0.0	0.1	0.2	0.1	0.1	0.5		0.3	0.5	0.3	1.0	
OA Shrimp-trawl	0.0	0.0	0.1	0.0	0.0			0.0			0.0	0.0			0.0		0.0	0.1			
Total	4.9	1.9	3.1	1.3	1.4	1.3	0.2	0.6	0.1	0.0	0.1	0.5	0.2	0.2	0.8	0.0	0.5	0.9	0.7	1.1	
Canary																					
Washington																					
LE Trawl	116.2	6.5	6.1	1.3	6.6	49.0	42.3	16.8	0.2		0.3	1.4	2.0	2.2	0.5	0.3	0.3	1.4	3.1	1.1	
LE Fixed-gear	3.0	1.6	1.2		0.0	0.6	1.4	1.0		0.1	0.2	0.9	0.3	0.1	0.1	0.0	0.1	0.6	0.5	0.1	
LE Shrimp-trawl	0.4	0.4			0.0	0.2	0.2	0.1				0.2	0.1	0.2							
OA Non-shrimp	2.6	0.9	0.3	0.0	0.5	1.6	0.3	0.2			0.0	0.6	0.1	0.1	0.0		0.0	0.3	0.0	0.0	
OA Shrimp-trawl	0.8	0.9	0.3		0.1	0.2	0.4	0.2				0.1	0.2	0.6			0.0	0.2	0.1		
Total	123.1	10.2	7.9	1.3	7.2	51.7	44.5	18.2	0.2	0.1	0.5	3.1	2.7	3.2	0.6	0.3	0.4	2.4	3.6	1.2	
OR: N. of Yachats																					
LE Trawl	218.5	14.2	8.1	6.7	48.9	75.5	55.3	32.0	0.1	0.0	0.2	6.5	3.5	3.5	0.4	0.2	0.6	2.8	3.5	1.0	0.0
LE Fixed-gear	13.2	0.7	0.3		2.0	7.5	3.0	0.7		0.0	0.0	0.4	0.1	0.1			0.0	0.0	0.0	0.2	
LE Shrimp-trawl	5.1	2.1	0.3		0.0	2.2	2.0	0.8				0.6	1.2	0.3			0.0	0.2	0.1		
OA Non-shrimp	18.4	0.9	0.4	0.0	6.7	10.3	1.1	0.3	0.0	0.0	0.1	0.5	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.0	
OA Shrimp-trawl	17.8	4.8	1.5		0.4	8.5	5.8	3.0	0.0		0.0	1.4	2.5	0.8			0.1	0.6	0.7	0.0	
Total	272.9	22.6	10.5	6.7	58.0	104.1	67.2	36.8	0.1	0.0	0.3	9.5	7.6	4.9	0.4	0.3	0.7	3.8	4.5	1.2	0.0
OR: S. of Yachats																					
LE Trawl	73.9	2.2	3.3	5.5	4.3	38.0	16.5	9.2	0.3	0.0	0.2	0.7	0.4	0.7	0.2	0.1	0.3	1.2	1.2	0.4	
LE Fixed-gear	35.6	3.1	3.5	2.0	5.0	15.2	11.0	2.4	0.0	0.1	0.3	0.7	0.8	0.9	0.2	0.6	0.5	0.9	0.9	0.7	
LE Shrimp-trawl	7.0	1.7	0.3		0.3	2.5	1.9	2.3				0.1	1.5	0.1				0.3	0.0		
OA Non-shrimp	32.9	1.7	1.6	0.2	3.7	7.6	16.2	5.0	0.3	0.0	0.2	0.6	0.5	0.3	0.0	0.1	0.4	0.7	0.3	0.1	
OA Shrimp-trawl	2.1	1.2	0.1		0.6	0.4	0.6	0.6				0.1	0.9	0.2			0.0	0.0	0.0	0.0	
Total	151.6	9.9	8.8	7.7	13.9	63.8	46.1	19.5	0.6	0.1	0.7	2.2	4.1	2.3	0.4	0.8	1.2	3.1	2.5	1.2	
CA: N. of Ft. Bragg																					
LE Trawl	58.3	8.1	5.6	4.8	3.3	9.8	33.6	6.0	0.8	0.0	0.8	1.0	3.9	2.1	0.3	0.1	0.5	2.0	2.4	0.7	
LE Fixed-gear	0.0	0.1	0.1			0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0			
LE Shrimp-trawl	1.4	0.0	0.1		0.2	0.4	0.6	0.1				0.0	0.0	0.0		0.0		0.0	0.0	0.0	
OA Non-shrimp	0.5	0.4	0.2		0.0		0.5	0.0		0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.0	0.0	
OA Shrimp-trawl	0.5	0.4	0.2		0.1	0.1	0.2	0.2				0.0	0.3						0.2		
Total	60.8	9.0	6.2	4.8	3.6	10.3	34.9	6.4	0.8	0.0	0.8	1.1	4.4	2.3	0.4	0.1	0.6	2.1	2.6	0.7	

TABLE 3.4-2. Annual and bi-monthly commercial landings of overfished species by area and fleet, metric tons, 1999-2001.

Species/Fleet	1999	2000	2001	1999						2000						2001					
	All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
CA: Ft. Bragg-Avila																					
LE Trawl	27.7	2.4	2.4	7.3	4.7	6.7	5.2	2.9	0.9	0.1	0.5	0.6	0.5	0.5	0.2	0.2	0.2	0.8	0.8	0.4	0.0
LE Fixed-gear	3.6	0.5			1.0	0.8	0.1	1.7		0.0	0.0	0.1	0.1	0.1	0.1						
LE Shrimp-trawl	0.4	0.0			0.4		0.0	0.0			0.0										
OA Non-shrimp	2.1	1.1	0.4	0.2	0.2	0.2	1.0	0.4	0.2	0.3	0.0	0.2	0.2	0.3	0.2	0.1			0.2	0.1	
OA Shrimp-trawl	0.1	0.0					0.1					0.0		0.0							
Total	33.8	4.1	2.8	7.5	6.2	7.7	6.3	4.9	1.1	0.4	0.6	0.9	0.9	0.9	0.5	0.2	0.2	0.8	1.0	0.5	0.0
Cowcod																					
CA: Ft. Bragg-Avila																					
LE Trawl	3.8	1.4	0.8	0.5	1.2	0.1	0.8	1.2	0.0	0.1	0.2	0.1	0.3	0.3	0.3	0.4	0.2	0.0	0.1	0.1	0.1
LE Fixed-gear	0.0	0.5					0.0			0.0	0.0	0.0	0.3	0.1	0.0						
LE Shrimp-trawl		0.0									0.0	0.0	0.0	0.0							
OA Non-shrimp	0.4	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1			0.0			
OA Shrimp-trawl	0.1	0.1		0.0	0.0	0.0	0.1	0.0			0.0	0.0	0.0	0.0							
Total	4.3	2.1	0.8	0.5	1.2	0.3	1.0	1.2	0.1	0.2	0.3	0.2	0.7	0.5	0.4	0.4	0.2	0.0	0.1	0.1	0.1
CA: S. of Avila																					
LE Fixed-gear	0.3	0.0		0.1	0.0	0.1	0.1	0.0	0.0		0.0	0.0	0.0	0.0							
OA Non-shrimp	1.8	0.3		0.4	0.8	0.2	0.3	0.0	0.2		0.0	0.1	0.1	0.1	0.0						
OA Shrimp-trawl	0.1						0.1														
Total	2.2	0.3		0.4	0.9	0.2	0.5	0.1	0.2		0.0	0.1	0.1	0.1	0.0						
Darkblotched																					
Washington																					
LE Trawl	10.3	8.6	8.2	1.5	2.6	2.9	2.2	1.0	0.1	0.5	0.7	1.0	3.1	1.8	1.5	0.8	1.2	1.2	1.6	3.3	
LE Fixed-gear			0.0																0.0	0.0	
OA Non-shrimp	0.0	0.0	0.0					0.0					0.0						0.0		
Total	10.3	8.7	8.2	1.5	2.6	2.9	2.2	1.1	0.1	0.5	0.7	1.0	3.2	1.8	1.5	0.8	1.2	1.2	1.6	3.3	
OR: N. of Yachats																					
LE Trawl	68.5	57.1	32.7	1.0	10.0	22.7	28.3	6.3	0.3	6.4	6.7	13.0	9.9	13.5	7.5	5.9	3.9	7.6	8.7	6.7	
LE Fixed-gear		0.1	0.0										0.1	0.0						0.0	
LE Shrimp-trawl	0.2					0.0		0.1													
OA Non-shrimp	0.0						0.0														
OA Shrimp-trawl	1.1		0.0			0.3	0.5	0.3										0.0	0.0	0.0	
Total	69.8	57.2	32.7	1.0	10.0	23.1	28.8	6.6	0.3	6.4	6.7	13.0	9.9	13.6	7.5	5.9	3.9	7.6	8.7	6.7	
OR: S. of Yachats																					
LE Trawl	120.7	53.6	31.0	28.2	27.1	40.9	14.8	8.3	1.4	13.0	7.5	15.8	4.5	8.3	4.5	6.1	6.0	7.0	7.8	3.9	0.1
LE Fixed-gear		0.0	0.2										0.0	0.0		0.0		0.0		0.2	
LE Shrimp-trawl	1.8		0.0		0.0	0.0	1.5	0.3										0.0			
OA Non-shrimp	0.0	0.0	0.1		0.0									0.0			0.1	0.0			
OA Shrimp-trawl	0.9	0.0	0.0		0.0	0.0	0.8	0.1				0.0						0.0			
Total	123.4	53.7	31.3	28.2	27.2	40.9	17.1	8.7	1.4	13.0	7.5	15.8	4.5	8.4	4.5	6.1	6.1	7.1	7.8	4.1	0.1
CA: N. of Ft. Bragg																					
LE Trawl	75.8	59.9	24.9	2.3	17.0	27.4	18.5	10.1	0.4	5.3	6.6	18.6	19.8	8.4	1.0	3.3	6.0	11.2	3.0	1.5	0.0
LE Fixed-gear		0.0	0.1								0.0						0.1	0.0	0.0	0.0	
LE Shrimp-trawl			0.0																0.0		
OA Non-shrimp	0.1	0.2	0.0				0.0	0.0		0.0			0.2						0.0		
OA Shrimp-trawl			0.0															0.0			
Total	75.8	60.1	25.1	2.3	17.0	27.4	18.5	10.1	0.4	5.3	6.7	18.6	20.0	8.4	1.0	3.3	6.1	11.2	3.0	1.5	0.0

TABLE 3.4-2. Annual and bi-monthly commercial landings of overfished species by area and fleet, metric tons, 1999-2001.

Species/Fleet	1999	2000	2001	1999						2000						2001					
	All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
CA: Ft. Bragg-Avila																					
LE Trawl	4.9	37.3	44.2	1.1	0.1	2.2	0.3	1.1	0.1	3.5	3.7	4.1	5.3	9.5	11.2	6.1	7.8	6.7	10.4	11.0	2.2
LE Fixed-gear		1.6	1.4							0.0	0.7	0.3	0.3	0.3	0.0				0.6	0.8	
OA Non-shrimp	0.0	0.3	0.1					0.0		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0		0.0		0.1
Total	5.0	39.2	45.7	1.1	0.1	2.2	0.3	1.1	0.1	3.5	4.5	4.4	5.7	9.9	11.2	6.1	7.8	6.7	11.0	11.8	2.3
Lingcod																					
Washington																					
LE Trawl	21.9	9.1	8.9	1.0	2.7	7.5	8.3	1.6	0.9			3.2	3.2	2.7				3.2	3.1	2.6	
LE Fixed-gear	8.2	4.5	6.1		0.1	2.1	4.8	1.2				1.5	2.1	0.8	0.1			1.6	3.1	1.4	
LE Shrimp-trawl	0.5	0.5	0.0			0.3	0.2	0.0				0.4	0.1					0.0	0.0		
OA Non-shrimp	9.2	10.0	5.0		2.9	3.5	2.0	0.8			1.1	5.9	2.6	0.4	0.0			2.5	1.7	0.8	
OA Shrimp-trawl	1.8	1.8	1.0		0.1	0.3	1.1	0.4				0.9	0.9					0.6	0.5		
Total	41.7	25.9	21.2	1.0	5.8	13.7	16.3	4.1	0.9		1.1	11.8	9.0	3.9	0.1			7.9	8.4	4.8	
OR: N. of Yachats																					
LE Trawl	64.3	16.9	13.4	2.9	14.1	18.9	17.5	9.8	1.1		0.1	3.6	9.5	3.6	0.1	0.0		4.8	5.0	3.6	
LE Fixed-gear	1.6	1.7	3.3		0.0	0.2	1.0	0.5				0.6	1.0	0.1				0.3	1.6	1.4	
LE Shrimp-trawl	3.6	3.9	0.8		0.0	1.7	1.3	0.6				2.1	1.5	0.3				0.5	0.3	0.1	
OA Non-shrimp	9.1	8.0	8.0		1.4	3.2	3.7	0.8				5.6	2.5	0.0				3.9	3.1	1.0	0.0
OA Shrimp-trawl	11.5	6.1	3.9		0.2	4.2	4.6	2.5				3.2	2.9				0.0	2.3	1.6	0.0	
Total	90.1	36.7	29.5	2.9	15.7	28.2	28.0	14.2	1.1		0.1	15.2	17.3	3.9	0.1	0.0	0.0	11.8	11.4	6.2	0.0
OR: S. of Yachats																					
LE Trawl	32.7	8.0	9.2	1.9	4.1	10.5	8.3	5.9	1.9			3.5	1.8	2.5	0.2			3.4	2.6	3.2	
LE Fixed-gear	13.4	6.1	5.8	1.5	3.2	3.3	3.9	1.3	0.1			1.5	1.8	2.7	0.0			2.3	1.7	1.8	
LE Shrimp-trawl	9.8	1.6	0.3		0.9	3.6	3.9	1.4				0.9	0.7					0.0	0.2	0.1	
OA Non-shrimp	24.9	10.9	21.5		3.3	6.7	12.1	2.8	0.0			6.5	4.4	0.0	0.0			10.0	6.0	5.5	
OA Shrimp-trawl	3.0	1.0	0.5		0.2	1.2	1.1	0.6				0.6	0.4					0.3	0.2	0.0	
Total	83.8	27.6	37.3	3.4	11.7	25.3	29.3	12.0	2.1			13.0	9.1	5.3	0.2			16.0	10.6	10.6	
CA: N. of Ft. Bragg																					
LE Trawl	42.2	17.0	16.9	1.6	4.3	13.8	14.0	6.8	1.8			5.1	6.3	5.4	0.1			6.3	5.0	5.6	
LE Fixed-gear	4.4	2.3	1.8	0.0	0.3	1.3	1.3	1.5				0.8	0.6	0.9			0.0	0.8	0.8	0.2	
LE Shrimp-trawl	0.9	0.0	0.3		0.1	0.1	0.6	0.1				0.0		0.0				0.3		0.0	
OA Non-shrimp	10.8	6.9	9.7	0.0	0.5	2.6	5.4	2.3		0.1		3.4	3.4					2.8	3.7	3.2	
OA Shrimp-trawl	0.9	0.2	0.0		0.0	0.4	0.2	0.3				0.1	0.1							0.0	
Total	59.2	26.4	28.6	1.6	5.2	18.1	21.5	11.0	1.8	0.1		9.4	10.5	6.4	0.1		0.0	10.2	9.5	8.9	
CA: Ft. Bragg-Avila																					
LE Trawl	43.3	10.8	10.0	4.8	5.7	8.6	11.7	8.3	4.2	0.0	0.0	2.9	4.0	3.9	0.1	0.2	0.0	3.3	3.0	3.4	0.1
LE Fixed-gear	5.5	2.6	1.8	0.6	0.7	0.4	1.2	2.2	0.3			0.5	0.8	1.3	0.0				0.7	1.0	0.1
LE Shrimp-trawl	0.1	0.3	0.1			0.0	0.0					0.1	0.2					0.1		0.0	
OA Non-shrimp	30.8	13.1	19.3	0.6	3.6	9.4	10.8	5.9	0.4	0.0	0.0	5.5	7.4	0.1	0.1	0.0	0.0	0.2	10.5	8.5	0.0
OA Shrimp-trawl	0.3	0.0	0.0			0.0	0.3					0.0	0.0							0.0	
Total	79.9	26.8	31.2	6.0	10.0	18.4	24.1	16.3	4.9	0.0	0.0	8.9	12.4	5.2	0.2	0.2	0.1	3.6	14.2	13.0	0.2

TABLE 3.4-2. Annual and bi-monthly commercial landings of overfished species by area and fleet, metric tons, 1999-2001.

Species/Fleet	1999	2000	2001	1999						2000						2001					
	All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Pacific Ocean Perch																					
Washington																					
LE Trawl	144.8	34.9	50.6	9.1	17.4	40.5	33.5	33.6	10.7	1.3	1.9	11.3	10.7	7.6	2.2	6.4	5.2	10.0	16.2	12.7	
LE Fixed-gear		0.5	0.0									0.5						0.0		0.0	
LE Shrimp-trawl		0.0										0.0									
OA Non-shrimp	0.1	0.0	0.0					0.1					0.0						0.0		
OA Shrimp-trawl	0.0	0.0	0.0				0.0					0.0	0.0				0.0				
Total	144.9	35.5	50.6	9.1	17.4	40.5	33.6	33.7	10.7	1.3	1.9	11.8	10.7	7.6	2.2	6.4	5.2	10.0	16.2	12.7	
OR: N. of Yachats																					
LE Trawl	303.9	95.7	129.8	15.7	48.7	73.1	98.5	52.6	15.1	4.7	3.9	24.0	27.6	26.5	8.9	16.0	15.2	34.1	37.2	27.4	
LE Fixed-gear		0.0	0.0										0.0						0.0	0.0	
LE Shrimp-trawl	0.0	0.0	0.0			0.0	0.0	0.0				0.0	0.0	0.0				0.0			
OA Non-shrimp	0.0						0.0						0.0	0.0							
OA Shrimp-trawl	0.1	0.1	0.0		0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0				0.0			
Total	304.0	95.8	129.9	15.7	48.8	73.2	98.5	52.7	15.1	4.7	3.9	24.1	27.7	26.5	8.9	16.0	15.2	34.1	37.2	27.4	
OR: S. of Yachats																					
LE Trawl	21.1	6.0	6.5	3.1	4.2	4.9	5.0	1.7	2.3	0.8	0.2	2.8	0.5	0.8	0.9	1.8	2.1	1.1	1.0	0.4	
LE Fixed-gear	0.1	0.0	0.0			0.1							0.0	0.0							0.0
LE Shrimp-trawl		0.1										0.1									
OA Non-shrimp	0.1	0.0			0.0	0.1					0.0			0.0							
OA Shrimp-trawl		0.0										0.0									
Total	21.3	6.1	6.5	3.1	4.2	5.1	5.0	1.7	2.3	0.8	0.2	2.9	0.5	0.8	0.9	1.8	2.1	1.1	1.0	0.4	0.0
CA: N. of Ft. Bragg																					
LE Trawl	10.6	3.1	0.3	0.4	4.6	4.0	1.5	0.1		0.1	0.5	0.7	1.2	0.6			0.0	0.2	0.1	0.0	
OA Non-shrimp			0.0																0.0		
Total	10.6	3.1	0.4	0.4	4.6	4.0	1.5	0.1		0.1	0.5	0.7	1.2	0.6			0.0	0.2	0.1	0.0	
CA: Ft. Bragg-Avila																					
LE Trawl	1.0		0.3		1.0											0.1	0.2	0.0			
LE Fixed-gear		0.1											0.1								
OA Non-shrimp			0.0																		0.0
Total	1.0	0.1	0.3		1.0								0.1			0.1	0.2	0.0			0.0
Widow																					
Washington																					
LE Trawl	513.4	373.0	289.8	146.0	137.9	29.2	43.1	93.9	63.3	30.6	26.6	13.7	36.6	143.0	122.4	67.7	75.6	17.5	16.5	9.1	103.4
LE Fixed-gear	0.0		0.0				0.0	0.0											0.0		
LE Shrimp-trawl		0.0	0.0										0.0							0.0	
OA Non-shrimp	0.5	0.9	0.0			0.0	0.0	0.2	0.3		0.0	0.4	0.4	0.1				0.0	0.0		
OA Shrimp-trawl	0.0		0.1					0.0									0.1	0.1			
Total	514.0	373.9	289.9	146.0	137.9	29.2	43.2	94.1	63.6	30.6	26.6	14.1	37.1	143.1	122.4	67.7	75.6	17.6	16.5	9.2	103.4
OR: N. of Yachats																					
LE Trawl	2,156.7	2,008.0	846.5	452.6	387.2	137.3	193.9	432.6	553.2	244.9	215.5	230.0	340.1	533.8	443.8	210.2	212.9	85.1	29.1	1.1	308.2
LE Fixed-gear	0.1	0.0	0.0		0.0	0.0	0.1	0.0					0.0	0.0					0.0	0.0	
LE Shrimp-trawl	0.4	0.3	0.1			0.1	0.1	0.2					0.1	0.1	0.2		0.0	0.0	0.0		
OA Non-shrimp	1.4	0.3	0.0		1.2	0.0	0.0	0.2					0.0	0.2	0.0		0.0				
OA Shrimp-trawl	2.3	1.0	0.4		0.4	0.5	0.6	0.8			0.0	0.6	0.3	0.1			0.2	0.2	0.0		
Total	2,161.0	2,009.6	847.1	452.6	388.7	137.9	194.8	433.8	553.2	244.9	215.5	230.7	340.8	534.0	443.8	210.2	213.0	85.3	29.2	1.1	308.2

TABLE 3.4-2. Annual and bi-monthly commercial landings of overfished species by area and fleet, metric tons, 1999-2001.

Species/Fleet	1999	2000	2001	1999						2000						2001					
	All	All	All	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
OR: S. of Yachats																					
LE Trawl	583.8	698.1	296.1	146.0	171.8	78.1	47.7	82.5	57.7	43.5	121.7	87.3	108.5	172.7	164.4	55.0	88.3	28.8	3.4	0.5	120.1
LE Fixed-gear	9.0	1.0	0.3	1.1	0.7	2.1	3.3	1.9		0.1	0.7	0.2		0.0	0.0	0.1	0.1	0.0	0.0	0.0	
LE Shrimp-trawl	1.9	0.5	0.1		0.3	0.7	0.6	0.3				0.1	0.3	0.1				0.1			
OA Non-shrimp	4.2	1.2	0.5		1.4	0.9	1.2	0.7			0.1	0.5	0.0	0.6	0.0	0.2	0.2	0.0	0.0	0.0	
OA Shrimp-trawl	0.9	0.4	0.0		0.1	0.1	0.5	0.1				0.0	0.2	0.2			0.0	0.0	0.0		
Total	599.8	701.1	296.9	147.1	174.3	81.8	53.4	85.5	57.7	43.6	122.4	88.1	109.0	173.6	164.4	55.3	88.5	29.0	3.4	0.5	120.1
CA: N. of Ft. Bragg																					
LE Trawl	221.5	413.3	255.9	57.2	53.3	42.4	34.0	20.5	14.1	13.6	64.8	26.8	81.5	165.4	61.3	38.3	77.9	44.7	1.7	0.4	92.8
LE Fixed-gear	0.7	2.7		0.1		0.1	0.5	0.1				1.3	0.1	1.2	0.0						
LE Shrimp-trawl	2.8	0.1	0.3		0.4	0.9	1.5	0.0				0.0	0.1					0.3			
OA Non-shrimp	2.0	2.4	1.1	0.0	0.2	0.2	0.7	0.9	0.0	0.0	0.0	0.2	1.0	1.2	0.1	0.0	0.1	0.9	0.1	0.1	0.0
OA Shrimp-trawl	1.4	0.2	0.0		0.0	1.0	0.3	0.0				0.1	0.1					0.0			
Total	228.4	418.7	257.3	57.3	53.9	44.6	37.0	21.6	14.2	13.7	64.8	28.4	82.8	167.7	61.3	38.3	78.0	45.9	1.8	0.5	92.8
CA: Ft. Bragg-Avila																					
LE Trawl	360.8	269.5	62.2	80.2	93.5	22.1	26.8	65.1	73.1	41.4	58.6	46.6	34.5	54.1	34.3	16.8	1.5	13.5	2.8	4.4	23.1
LE Fixed-gear	6.2	1.7	0.2	0.6	1.2	0.3	0.1	3.7	0.4	0.0		0.3	0.7	0.3	0.3	0.0			0.1	0.2	
LE Shrimp-trawl	0.0	0.0			0.0			0.0			0.0			0.0							
OA Non-shrimp	33.2	12.8	11.4	4.5	2.1	1.7	6.5	13.0	5.5	2.0		0.5	1.0	4.5	4.8	4.9	1.0	0.9	3.0	1.5	0.1
OA Shrimp-trawl	0.0	0.1					0.0	0.0			0.0	0.0	0.1								
Total	400.3	284.1	73.8	85.3	96.8	24.0	33.3	81.8	79.0	43.4	58.7	47.5	36.3	58.9	39.4	21.7	2.5	14.4	5.9	6.0	23.2
Yelloweye																					
Washington																					
LE Trawl	9.9	0.2	0.8	0.3	0.3	0.9	4.7	3.8			0.0	0.1	0.0	0.0			0.0	0.0	0.5	0.3	
OA Non-shrimp	0.0	0.0						0.0					0.0								
Total	9.9	0.2	0.8	0.3	0.3	0.9	4.7	3.8			0.0	0.1	0.0	0.0			0.0	0.0	0.5	0.3	
OR: N. of Yachats																					
LE Trawl	1.2		0.2	0.0	0.2	0.4	0.4	0.2	0.0								0.0	0.0	0.1	0.0	
LE Fixed-gear	17.2				0.3	0.9	14.2	1.8													
OA Non-shrimp	1.1				0.3	0.5	0.1	0.1	0.0												
Total	19.5		0.2	0.0	0.8	1.8	14.7	2.1	0.0								0.0	0.0	0.1	0.0	
OR: S. of Yachats																					
LE Trawl	1.5	0.1	0.4	0.0	0.2	1.1	0.1	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.1	0.2	0.1	0.1	
LE Fixed-gear	26.4	3.3	5.2	0.2	1.9	3.8	19.3	1.2			0.3	0.9	1.2	0.9		0.6	0.7	1.4	1.2	1.3	
OA Non-shrimp	9.0	0.9	1.1		0.1	0.6	6.7	1.5	0.0		0.0	0.2	0.4	0.2		0.1	0.2	0.2	0.3	0.2	
Total	36.9	4.3	6.6	0.2	2.3	5.6	26.0	2.8	0.1		0.4	1.2	1.7	1.1	0.0	0.8	0.9	1.7	1.7	1.6	
CA: N. of Ft. Bragg																					
LE Trawl	6.7	0.7	0.8	0.0	0.0	1.7	4.5	0.5			0.0	0.0	0.4	0.2	0.0	0.0		0.3	0.4	0.1	
LE Fixed-gear	1.7	1.0	1.5		0.2	0.4	0.6	0.6		0.0	0.1	0.3	0.1	0.5		0.1	0.3	0.6	0.5	0.1	
OA Non-shrimp	3.7	1.3	1.7		0.0	0.5	2.3	0.8	0.0	0.1	0.1	0.3	0.5	0.3	0.1	0.0	0.3	0.5	0.6	0.2	
Total	12.1	3.0	4.0	0.0	0.2	2.6	7.4	1.9	0.0	0.1	0.1	0.7	1.0	1.0	0.1	0.1	0.6	1.4	1.5	0.3	
CA: Ft. Bragg-Avila																					
LE Trawl	1.2	0.1	0.1	0.0	0.9	0.2	0.1	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		
LE Fixed-gear	2.3	0.6	0.2	0.4	0.1	0.0	0.4	1.5		0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.1		0.0	0.0	
OA Non-shrimp	1.6	0.7	0.2	0.1	0.2	0.2	1.0	0.1	0.0	0.2	0.0	0.1	0.2	0.1	0.1	0.0			0.1	0.1	0.0
Total	5.1	1.4	0.4	0.5	1.1	0.4	1.5	1.6	0.0	0.2	0.0	0.1	0.3	0.5	0.3	0.1	0.1	0.0	0.2	0.1	0.0

TABLE 3.4-3. Recreational catch of overfished groundfish, 1999-2001(landed catch in mt). (Page 1 of 1)

Year/Species	S. California	N. California	Oregon	Washington	Total
1999					
Bocaccio	71	53	N/A	N/A	124
Canary	2	63	43	4	112
Cowcod	4	2	-	-	6
Widow	<0.1	30	2	-	32
Yelloweye	2	11	27	18	58
Lingcod	30	306	112	34	482
2000					
Bocaccio	52	59	N/A	N/A	111
Canary	<0.1	77	31	3	111
Cowcod	4	2	-	-	6
Widow	<0.1	12	15	-	27
Yelloweye	-	8	10	9	27
Lingcod	5	175	124	31	335
2001					
Bocaccio	60	49	N/A	N/A	109
Canary	-	33	16	3	52
Cowcod	N/A	N/A	N/A	N/A	N/A
Widow	<0.1	9	1	-	10
Yelloweye	-	5	3	20	28
Lingcod	23	130	111	32	296

TABLE 3.4-4. Bycatch of overfished groundfish species in the West Coast Pacific whiting fishery, 1998-2001.

Whiting Fishery Sector	Year	Estimated Bycatch (mt)						
		Canary	Darkblotched	Lingcod	POP	Widow	Whiting	Yelloweye
At-Sea	1998	0.55 ^{1/}	2.44 ^{1/}	0.16 ^{1/}	2.82 ^{1/}	307	120,452	NA
	1999	3.85 ^{1/}	3.87 ^{1/}	0.01 ^{1/}	2.70 ^{1/}	149	115,259	NA
	2000	1.42	2.93 ^{1/}	0.18 ^{1/}	9.61	221	114,655	4.04 ^{1/}
	2001	1.61	6.36 ^{1/}	0.15 ^{1/}	19.74	169	94,451	NA
Shoreside	1998	0.38	3.97	0.44	27.26	366	87,626	0.05
	1999	0.61	0.42	0.61	7.47	192	83,272	0.02
	2000	0.52	1.21	0.83	0.22	76	85,652	0.00
	2001	0.45	0.81	0.76	0.04	42	73,326	0.00
Tribal	1998	NA	NA	NA	NA	14	24,509	NA
	1999	NA	NA	NA	NA	37	25,844	NA
	2000	NA	NA	NA	NA	10	6,251	NA
	2001	NA	NA	NA	NA	NA	NA	NA

^{1/} Estimates reflect only landed catch from PacFIN.

TABLE 3.4-5. Landings (mt) of target species and estimated discard mortality (mt) of overfished West Coast groundfish species in incidental open access fisheries in 2001.

Fishery	Total Target Species	Total GF	Total RF	Bocaccio	Canary	Cowcod	Dark-blotched	Lingcod	POP	Whiting	Widow	Yellow-eye
North of 40°10' N. lat.												
Dungeness Crab	10,090			NA		NA						
Pacific Halibut	149			NA		NA						
Pink Shrimp	17,482			NA		NA						
Salmon Troll	1,788			NA	0.79	NA	UR	UR	UR	UR	0.11	0.10
Spot Prawn (trawl)	TR	UR	UR	NA	UR	NA	UR	UR	UR	UR	UR	UR
Spot Prawn (trap)	TR	UR	UR	NA	UR	NA	UR	UR	UR	UR	UR	UR
South of 40°10' N. lat.												
CA Halibut	241	293.42	40.97	1.84	0.22	UR	0.70	UR	UR	UR	0.35	UR
CPS- squid	85,929											
CPS- wetfish	81,549											
Dungeness Crab	842											
Gillnet Complex	264											
HMS	6,072											
Pink shrimp	113	1.65	1.19	0.03	0.02	UR	0.02	UR	UR	UR	TR	UR
Ridgeback prawn	161	2.71	0.21	0.07	UR	UR	UR	UR	UR	UR	UR	UR
Salmon troll	1,192			0.01	0.05	UR	UR	0.25	UR	UR	0.01	0.01
Sea Cucumber	323	0.60	0.10	0.00	0.00	0.00	0.00	UR	UR	UR	UR	UR
Spot Prawn (trawl)	91	50.84	7.97	4.58	TR	1.07	0.68	14.86	UR	214.68	2.27	0.03
Spot Prawn (trap)	95			0.26	UR	0.17	TR	11.30	UR	UR	TR	TR

TR- Trace amount (<0.01 mt); NA- Not applicable, UR- Unreported

TABLE 3.4-6. Incidental overfished groundfish landings (lbs) in non-Indian commercial salmon troll fisheries by salmon management area for 2000 and 2001.^{1/}

P o r t		Species					All
Area/Year	Lingcod	Bocaccio	Canary	Darkblotched	Widow	Yelloweye	Groundfish
Neah Bay-La Push							
2000	NA	NA	469	NA	65	205	5,788
2001	NA	NA	175	NA	40	101	5,900
Westport-Astoria							
2000	NA	NA	119	NA	15	-	2,399
2001	NA	NA	97	NA	-	-	835
Central Oregon							
2000	NA	NA	2,332	NA	102	132	18,250
2001	NA	NA	1,264	NA	136	99	18,274
Oregon KMZ							
2000	NA	NA	167	NA	9	4	1,693
2001	NA	NA	185	NA	70	9	1,867
California KMZ							
2000	-	NA	-	-	-	-	249
2001	40	NA	-	-	-	-	64
Fort Bragg							
2000	50	12	91	-	-	NA	711
2001	121	9	61	-	22	NA	470
San Francisco							
2000	455	106	115	-	6	NA	2,971
2001	439	2	51	-	-	NA	807
Monterey-Conception							
2000	183	311	65	-	-	NA	2,308
2001	-	16	8	-	-	NA	166
Total							
2000	688	429	3,357	-	197	341	34,369
2001	600	27	1,841	-	268	209	28,382
Total (mt)							
2000	0.31	0.20	1.53	0.00	0.09	0.16	15.62
2001	0.27	0.01	0.84	0.00	0.12	0.10	12.90

1/ Salmon troll landings are defined as those for which salmon represents at least 50% by weight of the total ticketed landing. N/A indicates that individual species estimates were not made. Data from PacFIN.

2/ Yelloweye rockfish were not separated on landing tickets, so a proxy of shelf rockfish with an exvessel value of >\$1.00/lb was used for areas north of Cape Mendocino. For areas south of Cape Mendocino yelloweye catch was not estimated, however landings are assumed negligible because of species distribution, the absence of commercial landings in the area between Cape Mendocino and the OR/CA border, and the scarcity of recreational landings in California.

3/ All Groundfish category includes species where individual estimates were not available.

TABLE 3.4-7. Expanded logbook data from the sea cucumber trawl fishery, by depth strata, 1996-2000 (includes overfished species bycatch).

Depth strata	Number of boats					Pounds targeted spp landed				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	5	1	1	3	0	1,504	810	2,061	2,129	0
#50 fm	15	7	16	12	9	120,001	60,630	134,149	104,345	57,495
>20 - #150 fm	16	9	21	13	12	221,305	60,004	162,507	148,066	59,585
>50 - #150 fm	13	2	14	10	7	102,808	184	30,419	45,850	2,090
>150 fm	0	0	2	1	0	0	0	2,745	235	0
0 or no depths	5	0	2	5	1	317	0	562	1,899	0
	Total hours					Fleet average CPUE for targeted spp				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	37.6	4.7	34.6	11	0	33.7	173.5	43.3	19.2	0
#50 fm	1054.1	369.5	1557.2	1026	426	112.8	180.8	109.2	102.7	134.1
>20 - #150 fm	1875.6	395.7	2137.4	1857.9	582.8	113.7	141.8	108.4	95.1	100.5
>50 - #150 fm	859.2	30.8	614.8	824.9	156.8	91.8	5	53.1	40.5	41.7
>150 fm	0	0	78.4	17.8	0	0	0	33.1	13.2	0
	Pounds bycatch of bocaccio					Pounds bycatch of canary rockfish				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	0	0	0	0	0	0	0	0	0	0
#50 fm	0	0	0	0	0	0	0	0	0	0
>20 - #150 fm	10	0	0	20	0	0	0	0	0	0
>50 - #150 fm	10	0	0	20	0	0	0	0	0	0
>150 fm	0	0	0	0	0	0	0	0	0	0
	Pounds bycatch of cowcod					Pounds bycatch of yelloweye rockfish				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	0	0	0	0	0	0	0	0	0	0
#50 fm	0	0	0	0	0	0	0	0	0	0
>20 - #150 fm	0	0	0	0	0	0	0	0	0	0
>50 - #150 fm	0	0	0	0	0	0	0	0	0	0
>150 fm	0	0	0	0	0	0	0	0	0	0
	Pounds bycatch of lingcod					Pounds bycatch of unspecified rockfish				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	0	0	0	0	0	30	0	0	0	0
#50 fm	52	0	0	0	0	2341	0	168	325	16
>20 - #150 fm	82	0	0	0	0	3824	0	207	390	16
>50 - #150 fm	30	0	0	0	0	1513	0	39	65	0
>150 fm	0	0	0	0	0	0	0	0	0	0
	Pounds bycatch of CA halibut					Bycatch rate (lbs bocaccio/lbs target spp)				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	502	74	93	0	0	0	0	0	0	0
#50 fm	3461	1081	4518	195	262	0	0	0	0	0
>20 - #150 fm	3783	1007	5458	368	262	tr	0	0	tr	0
>50 - #150 fm	824	0	1033	173	0	tr	0	0	tr	0
>150 fm	0	0	367	0	0	0	0	0	0	0
0 or no depths			33							
	Bycatch rate (lbs canary/lbs target spp)					Bycatch rate (lbs cowcod/lbs target spp)				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	0	0	0	0	0					
#50 fm	0	0	0	0	0					
>20 - #150 fm	0	0	0	0	0					
>50 - #150 fm	0	0	0	0	0					
>150 fm	0	0	0	0	0					

TABLE 3.4-8. Expanded logbook data from the spot prawn trawl and trap fisheries south of Cape Mendocino, by depth strata, 1996-2000 (includes overfished species bycatch).

Trawls										
Depth strata	Number of boats					Pounds targeted spp landed				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	0	0	0	2	0	0	0	0	160	0
#50 fm	1	1	0	4	2	0	0	0	225	15

TABLE 3.4-8. Expanded logbook data from the spot prawn trawl and trap fisheries south of Cape Mendocino, by depth strata, 1996-2000 (includes overfished species bycatch).

>20 - #150 fm	18	29	28	26	18	213468	278113	275377	221878	100447
>50 - #150 fm	18	29	28	26	18	213468	278113	275377	221813	100432
>150 fm	14	26	21	21	10	12689	102278	181914	87947	17904

	Total hours					Fleet average CPUE for targeted spp				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
#20 fm	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	19.2	0.0
#50 fm	1.0	5.5	0.0	12.1	1.8	0.0	0.0	0.0	11.1	8.6
>20 - #150 fm	4953.0	6021.2	6611.9	7542.5	3355.6	44.1	44.1	35.8	37.9	31.4
>50 - #150 fm	4952.0	6015.7	6611.9	7537.5	3353.8	49.2	44.1	35.8	37.9	31.4
>150 fm	234.3	1793.2	3797.3	2582.5	556.8	38.4	48.0	46.9	32.7	33.5

Traps

Depth strata	Number of boats					Pounds targeted spp landed				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
>50 - #150 fm	22	26	29	33	32	83845	122184	180730	165500	134251
>150 fm	6	4	13	8	9	5560	5793	13331	23104	10898

	Trap days					Fleet average CPUE for targeted spp				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
>50 - #150 fm	309762	377167	647690	941967	791121	0.265	0.397	0.359	0.237	0.525
>150 fm	27554	32627	76256	122231	71454	8.038	0.267	0.343	0.285	0.207

TABLE 3.4-9. Estimated bycatch of overfished groundfish species in spot prawn trawl and trap fisheries south of Cape Mendocino. Estimates from Reilly and Geibel (2002) for the October 2000-September 2001 period.

Species	Pounds of Bycatch/1,000 Pounds of Prawns	Estimated Total Catch (lbs)
Trawls		
South of Pt. Conception		
Bocaccio	0.8	1,223
Cowcod	< 0.1	62
Darkblotched	0.2	249
Pacific Whiting	4,569	209,260
North of Pt. Conception		
Bocaccio	31.11	4,381
Canary	0.32	45
Cowcod	6.95	978
Darkblotched	99.86	14,060
Lingcod	212.63	29,938
Pacific Whiting	1,741	267,813
Widow	33.03	4,651
Yelloweye	0.64	90
Traps		
South of Pt. Conception		
Bocaccio	4.0	574
Cowcod	3.0	370
Lingcod	37.0	4,982
North of Pt. Conception		
Cowcod	0.20	5
Darkblotched	0.10	2
Lingcod	4.40	104
Widow	0.30	7
Yelloweye	0.60	15

TABLE 3.4-10 Tribal Framework for Whiting Allocation, Adopted in 1999

U.S. Optimum Yield	Tribal Allocation
Up to 145,000 mt	17.5% of the U.S. OY
145,001 mt to 175,000 mt	25,000 mt
175,001 mt to 200,000 mt	27,500 mt
200,001 mt to 225,000 mt	30,000 mt
225,001 mt to 250,000 mt	32,500 mt
Over 250,000 mt	35,000 mt

TABLE 3.4-11 Treaty Tribe Groundfish Landings, 1995-2001. In pounds, except for whiting, which is in mt.

Species	1995	1996	1997	1998	1999	2000	2001
Lingcod	2,162	1,616	1,555	3,477	4,086	4,054	6,757
Rockfish (general)	110,673	38,105	48,969	54,638	41,379	32,827	131
Rockfish (red)	211	137	87	619	1,067	431	2,141
Widow Rockfish	0	0	0	0	73	2,012	8,445
Yellowtail Rockfish	734	1,087	2,528	10,370	29,281	71,124	150,254
Shortspine thornyhead	15,476	7,408	12,483	4,916	7,984	8,705	11,008
Sablefish	1,177,704	1,128,795	1,078,875	634,512	812,511	958,490	907,399
Whiting (in metric tons)	0	15,000	24,840	24,509	25,844	6,251	6,080

TABLE 3.4-12 Treaty Tribe Halibut Allocations and Catch, dressed weight in pounds, 1992-2001

Year	Commercial Allocation	Commercial Catch	Ceremonial and Subsistence Allocation	Ceremonial and Subsistence Catch
1992	152,500	154,200	10,000	14,200
1993	136,000	136,200	14,000	15,800
1994	176,500	187,700	16,000	10,900
1995	171,000	176,400	11,000	14,200
1996	168,000	166,200	14,000	15,000
1997	230,000	228,500	15,000	14,800
1998	272,000	296,600	15,000	10,500
1999	256,000	271,500	10,000	10,500
2000	305,000	300,100	10,500	17,500
2001	406,500	411,600	17,500	16,000

TABLE 3.4-13. Bycatch of groundfish species in Makah trawl and troll fisheries in 2000, 2001, and 2002. Note: No data available for bycatch by target species in bottom trawl. Primary target species are Pacific cod and flatfish.

2000 MIDWATER	lbs	2001 MIDWATER	lbs	2002 MIDWATER	lbs
black	0	black	0	black	0
lingcod	0	lingcod	6	lingcod	365
canary	306	canary	1,366	canary	1,906
yelloweye	0	yelloweye	0	yelloweye	53
widow	2,036	widow	11,549	widow	13,452
yellowtail	67,872	yellowtail	190,494	yellowtail	214,098
POP	0	POP	0	POP	0
darkblotched	0	darkblotched	102	darkblotched	2984
SST	0	SST	0	SST	0
2000 BOTTOM	lbs	2001 BOTTOM	lbs	2002 BOTTOM	lbs
black	0	black	53	black	0
lingcod	7	lingcod	508	lingcod	1,999
canary	24	canary	0	canary	2,514
yelloweye	0	yelloweye	0	yelloweye	53
widow	0	widow	0	widow	16,079
yellowtail	563	yellowtail	505	yellowtail	260,791
POP	0	POP	0	POP	0
darkblotched	0	darkblotched	0	darkblotched	2,984
SST	0	SST	0	SST	0
2000 Troll	lbs	2001 Troll	lbs	2002 Troll	lbs
black	0	black	0	black	0
lingcod	1,958	lingcod	773	lingcod	1,711
canary	381	canary	607	canary	913
yelloweye	988	yelloweye	43	yelloweye	83
widow	0	widow	32	widow	0
yellowtail	8,948	yellowtail	7,060	yellowtail	6,650
POP	0	POP	0	POP	0
darkblotched	0	darkblotched	0	darkblotched	0
SST	0	SST	0	SST	0

TABLE 3.4-14. Bycatch of groundfish species in tribal longline fisheries in 2000, 2001, and 2002.

TABLE 3-14: Bycatch of groundfish species in tribal longline fisheries in 2000, 2001, and 2002.																
2003 GROUND FISH ANNUAL SPECS FEIS	Target Fishery				Bycatch				Target Fishery				Bycatch			
					Quinault ¹⁷											
	2000	lbs	bycatch species	lbs	2001	lbs	bycatch species	lbs	2002	lbs	bycatch species	lbs	2002	lbs	bycatch species	lbs
	Halibut	85,252	2/ 2/		Halibut	85,644	rock	49	Halibut	10,4191	canary	4				
	Sablefish	309,762			Sablefish	288,511	rougheye	7,964		yelloweye	10					
						blackgill	2,444		yellowtail	4						
						shortraker	3,710		shelf	19						
							SST	542	Sablefish	114,269	slope	4,121	SST	570		
	3-180	Quileute														
		2000	lbs	bycatch species	lbs	2001	lbs	bycatch species	lbs	2002	lbs	bycatch species	lbs	2002	lbs	bycatch species
Halibut		42,666	black	30	Halibut	45,034	black	0	Halibut	67,290	black	0				
			lingcod	144			lingcod	1,599			lingcod	1,005				
			canary	74			canary	25			canary	107				
			yelloweye	2,365			yelloweye	4,224			yelloweye	3,278				
			yellowtail	63			yellowtail	19			yellowtail	42				
			widow	0			widow	0			widow	0				
			POP	0			POP	0			POP	0				
			darckblotched	0			darckblotched	0			darckblotched	0				
		SST	0			SST	0			SST	0					
	Sablefish	164,016	black	0	Sablefish	143,591	black	0	Sablefish	92,438	black	0				
			lingcod	0			lingcod	0			lingcod	0				
			canary	0			canary	0			canary	0				
			yelloweye	0			yelloweye	0			yelloweye	0				
			yellowtail	0			yellowtail	0			yellowtail	0				
			widow	0			widow	0			widow	0				
			POP	0			POP	0			POP	0				
			darkblotched	0			darkblotched	0			darkblotched	0				
			SST	624			SST	482			SST	80				
January 2003	Makah															
	2000	lbs	bycatch species		2001	lbs	bycatch species	lbs	2002	lbs	bycatch species	lbs	2002	lbs	bycatch species	lbs
	Halibut	151,268	black	0	Halibut	270,365	black	0	Halibut	294,618	black	0				
			lingcod	2,289			lingcod	4,092			lingcod	6,212				
			canary	19,547			canary	2,330			canary	815				
			yelloweye	523			yelloweye	2,075			yelloweye	1,668				
			yellowtail	0			yellowtail	382			yellowtail	30				
			widow	3			widow	19			widow	0				
			POP	0			POP	0			POP	0				
			darckblotched	0			darckblotched	0			darckblotched	0				

TABLE 3.4-14. Bycatch of groundfish species in tribal longline fisheries in 2000, 2001, and 2002.

2003 GROUNDFISH ANNUAL SPECS FEIS	Target Fishery		Bycatch		Target Fishery		Bycatch		Target Fishery		Bycatch	
	Sablefish	490,229	SST	0	Sablefish	464,723	SST	0	Sablefish	227,740	SST	0
			black	0			black	0			black	0
			lingcod	0			lingcod	0			lingcod	0
			canary	0			canary	0			canary	0
			yelloweye	0			yelloweye	0			yelloweye	0
			yellowtail	0			yellowtail	0			yellowtail	0
			widow	0			widow	0			widow	0
			POP	0			POP	0			POP	0
			darkblotched	0			darkblotched	0			darkblotched	0
			SST	7,662			SST	10,081			SST	???

1/ No black rockfish, lingcod, POP, widow, or darkblotched caught for these fisheries/years for Quinault.

2/ Data unavailable.

CHAPTER 3

FIGURES

Refer to the individual PDF files for Chapter 3 figures, which are contained in the self-extracting zip file "03FEIS An Spexs Ch3 Figs.exe"