

1994

POUNDS AND VALUES

OF COMMERCIALY CAUGHT

FISH AND SHELLFISH

LANDED IN OREGON



OREGON DEPARTMENT OF FISH & WILDLIFE

1994

**Pounds and Value
of Commercially Caught Fish and Shellfish
Landed in Oregon**

by

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FOREWORD

The statistics presented in this publication provide information on the amount and value of commercial food fish landings in the State of Oregon in 1994. This information is frequently requested by various government, industry or private user groups for resource management, marketing, land use planning or other needs. We have not attempted to explain management objectives, harvest methods or trends in the commercial fisheries.

The joint efforts of many persons were required to assemble this material - the commercial fishing industry, wholesale fish and bait dealers and Oregon Department of Fish and Wildlife personnel. Data processing specialists prepared landing records for data entry and monitored the timeliness and accuracy of the records. Data entry personnel spent many hours entering the record information on the computer data base and Department management biologists reviewed the accuracy of the reported information.

The authors would like to acknowledge the efforts of three individuals in particular who played key roles in the processing and quality of the data in this report and in past years Pounds and Value reports. The three are:

- **Dave Judkins**, who developed most of the programs used in landings data processing and reporting. Dave's quick and highly competent programming talents have helped immeasurably in keeping the data processing and report generation of a very complex system running smoothly.
- **Romy Grover**, the lead person responsible for processing fish tickets before and after data entry, in addition to handling all the peripheral activities associated with the fish ticket system. Romy is a very competent and conscientious data specialist who excels at moving the ticket records through the process, maintaining attentiveness to detail, follow-up, and resolution, so necessary for a timely, accurate data base.
- **Kathy Murphy**, a data technician in the Marine Program at Newport, who among her many duties, is also responsible for processing the complex Groundfish fish tickets in concert with the commercial fish data base in Portland. Kathy is very dedicated, detailed, and careful in her job and provides an invaluable service helping to maintain the accuracy of the groundfish portion of the commercial fish data base.

Their knowledge, expertise and highly conscientious efforts through the years have played a large part in insuring that the Oregon commercial fisheries data base is one of the most accurate and timely data bases on the Pacific coast. The efforts of all three are greatly appreciated.

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EXPLANATION OF TABLES

Source of Data

Oregon law requires commercial fishermen to sell their catch to a licensed wholesale fish or bait dealer. At time of sale, the dealer must record certain information on a Fish Receiving Ticket forms supplied by the Department. This information includes date of landing, unloading station (port), gear used to take the fish or shellfish, pounds landed by species and price per pound paid to the fisherman. The fish tickets are returned to the Department where they are edited for accuracy and completeness prior to processing for tabulation.

Landings

Commercial landings are reported for the Columbia River (Oregon landings only), for ports or point-of-landing along the coast as shown on Figure 1, and by county for freshwater species (Table 64). Landings at the coastal ports include ocean and bay/estuary-caught fish or shellfish. For ocean-caught species, port of landing does not necessarily indicate general area of catch. Boats can fish coast wide and return to their home port (or any other port) to land their catch.

Landings by month reflect the date of purchase by the dealers. This may not necessarily be the date the fish were caught, as many vessels have the capability of holding fish for extended periods of time before returning to port.

All fish and shellfish landings, unless otherwise indicated, are reported as round (whole) weight. Certain species may be dressed or filleted prior to landing and the following percentages were used to convert these landings to pounds round weight:

Halibut, dressed, head-on	+	15%
" dressed, head-off	+	35%
Salmon, troll dressed, head-on	+	15%
Sablefish, dressed, head-off	+	60%
Scallop, shucked	+	1,220%
Pacific Whiting, filleted	+	235%
" " headed and gutted	+	156%
" " surimi	+	625%

The common and scientific names of species reported in the commercial catch are shown in Table 1. Fish dealers are required to record each species landed; however, this is not always possible due to the difficulty identifying certain species. Some species are combined and reported under a market category, i.e. "Rockfish, other sp." includes several different species of rockfish that are combined and reported only as "rockfish" by the dealers. The rockfish in particular are a group that are difficult to differentiate because of structural similarities among several species.

Pacific ocean perch (P.O.P.) includes several species that are perch-like in appearance. P.O.P. is a market category and is reported separately by fish dealers, but in two different ways. In some areas, landings of Pacific ocean perch are comprised of a very high percentage of true P.O.P. and are subsequently reported on the ticket as P.O.P. In other areas, perch look-alikes are predominant and landings are reported as nominal P.O.P. on the ticket. This category includes a smaller percentage of true P.O.P.

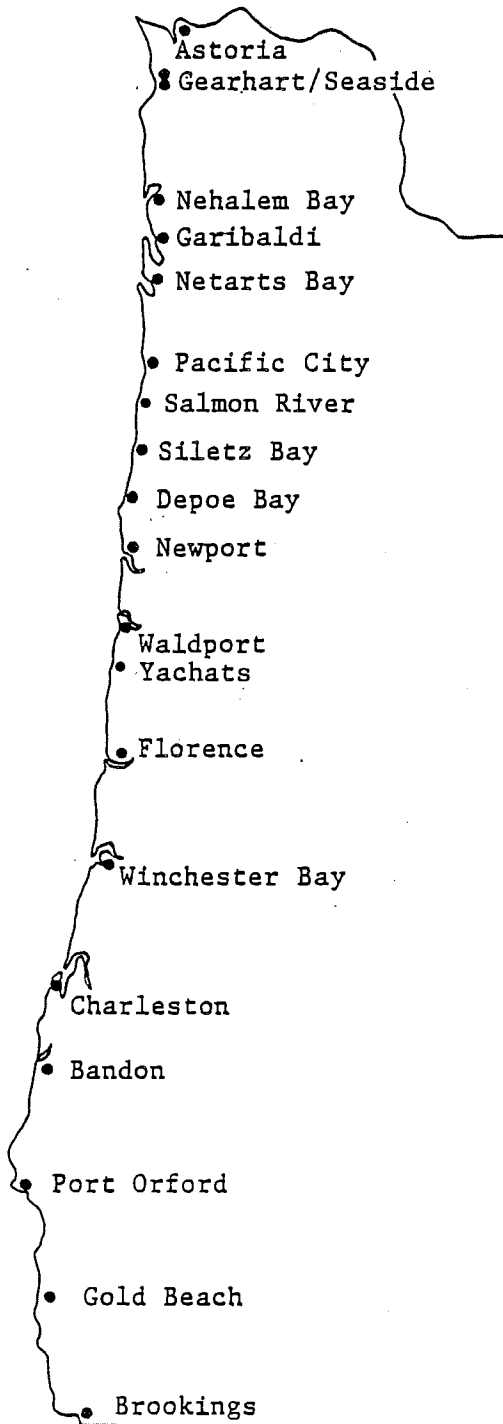


Figure 1. Oregon coastal ports

Landings of shortspine and longspine thornyheads are combined and reported as Thornyhead sp.

The Pacific Fisheries Management Council requires separate reporting of quota-managed species such as the yellowtail and widow rockfish and P.O.P. Even though these rockfish species pounds are reported separately by the dealers on fish tickets, there is still contamination of other rockfish species at the point of landing. The rockfish species poundages printed in the tables in this report reflect this contamination. Oregon Department of Fish and Wildlife biologists routinely sample the market categories of rockfish at the dock to determine species composition for each category. This market sample data is applied to the fish ticket data to obtain more accurate estimates of annual landings of rockfish by species. This information is not included in this report, but an annual summary table is available and can be obtained by contacting ODFW.

The trends portrayed in Table 3 (Annual Landings, 1985-94) are the result of many factors such as regulations, abundance of fish, market demand and technical advances. Most fisheries reflect the effect of all these factors and caution should be used in interpreting or projecting trends.

The oyster data presented in Table 62 is included as a matter of interest only. There is no commercial oyster fishery in Oregon. The data in the table reports Oregon oyster production by private enterprises established in several Oregon estuaries.

Value of Catch

Beginning in 1992, dealers were required to report price per pound on all species purchased and compute landing fees based on the value of the catch. The reported value is derived from fish tickets and represents the ex-vessel price per pound paid to the fisherman.

Table 1. Common and scientific names of species reported in the Oregon commercial catch.

Common Name	Scientific Name	Common Name	Scientific Name	Common Name	Scientific Name
FISHES:		FISHES: (continued)		CRUSTACEANS: (continued)	
Anchovy, northern	<i>Engraulis mordax</i>	Shiner, reaside	<i>Richardsonius balteatus</i>	Crayfish	<i>Pacifastacus</i> sp.
Cabezon	<i>Scorpaenichthys marmoratus</i>	Skates and Rays	Members of the family Rajidae, Torpedinidae, and Myliobatidae	Shrimp, brine	<i>Artemia salina</i>
Carp	<i>Cyprinus carpio</i>	Skilfish	<i>Erelepis zonifer</i>	coonstripe	<i>Pandalus hypsinotus</i>
Cod, Pacific	<i>Gadus macrocephalus</i>	Smelt (euchalon)	<i>Thaleichthys pacificus</i>	ghost (sand)	<i>Callinassa californiensis</i>
Dace, speckled	<i>Rhinichthys osculus</i>	whitebait	<i>Allosmerus elongatus</i>	mud	<i>Upogebia pugettensis</i>
Flounder, arrowtooth	<i>Atheresthes stomias</i>	other sp	Members of the family Osmeridae	pink	<i>Pandalus jordani</i>
starry	<i>Platichthys stellatus</i>	Snailfish, blacktail	<i>Careproctus melanurus</i>	spot	<i>Pandalus platyceros</i>
Greenling sp.	<i>Hexagrammos</i> sp.	Sole, butter	<i>Pleuronectes isolepis</i>	Water flea	Members of the family Daphnidae
Grenadier sp.	Members of the family Macrouridae	curfin	<i>Pleuronichthys decurrens</i>		
Hagfish sp.	<i>Eptatretus</i> sp.	Dover	<i>Microstomus pacificus</i>		
Halibut, California	<i>Paralichthys californicus</i>	English	<i>Pleuronectes vetulus</i>		
Pacific	<i>Hippoglossus stenolepis</i>	flathead	<i>Hippoglossoides elassodon</i>		
Herring, Pacific	<i>Clupea pallasii</i>	petrale	<i>Eopsetta jordani</i>		
Lamprey, Pacific	<i>Lampetra tridentata</i>	rex	<i>Errex zachirus</i>		
Lingcod	<i>Ophiodon elongatus</i>	rock	<i>Pleuronectes bilineatus</i>		
Lord, brown Irish	<i>Hemilepidotus spinosus</i>	sand	<i>Psettichthys melanostictus</i>		
red Irish	<i>Hemilepidotus hemilepidotus</i>	slender	<i>Eopsetta exilis</i>		
Mackerel	Members of the family Carangidae and Scombridae	Squawfish, northern	<i>Ptychocheilus oregonensis</i>		
Marlin, striped	<i>Tetrapturus audax</i>	Steelhead	<i>Oncorhynchus mykiss</i>		
Minnnow, fathead	<i>Pimephales promelas</i>	Sturgeon, green	<i>Acipenser medirostris</i>		
Opah	<i>Lampris guttatus</i>	white	<i>Acipenser transmontanus</i>		
Pollock, walleye	<i>Theragra chalcogramma</i>	Sucker, bridgelip	<i>Catostomus columbianus</i>		
Prickleback, monkeyface	<i>Cebidichthys violaceus</i>	largescale	<i>Catostomus macrocheilus</i>		
Ratfish	<i>Hydrolagus collieri</i>	Sunfish, ocean	<i>Mola mola</i>		
Rockfish, black	<i>Sebastes melanops</i>	Surfperch sp	Members of the family Embiotocidae		
other sp	<i>Sebastes</i> sp.	Thornyhead sp	Members of the genus <i>Sebastolobus</i>		
Pacific Ocean perch	<i>Sebastes alutus</i>	Tomcod, Pacific	<i>Microgadus proximus</i>		
widow	<i>Sebastes entomelas</i>	Tuna, albacore	<i>Thunnus alalunga</i>		
yellowtail	<i>Sebastes flavidus</i>	other sp	Members of the family Scombridae		
Sablefish	<i>Anoplopoma fimbria</i>	Walleye	<i>Stizostedion vitreum</i>		
Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	Whiting, Pacific (hake)	<i>Merluccius productus</i>		
chum	<i>Oncorhynchus keta</i>	Wolf-eel	<i>Anarrhichthys ocellatus</i>		
coho	<i>Oncorhynchus kisutch</i>	Wrymouth, giant	<i>Cryptacanthodes giganteus</i>		
pink	<i>Oncorhynchus gorbuscha</i>				
sockeye	<i>Oncorhynchus nerka</i>				
Sanddab, Pacific	<i>Citharichthys sordidus</i>				
Sardine, Pacific	<i>Sardinops sagax</i>				
Sculpin, buffalo	<i>Enophrys bison</i>				
Sculpin, other sp	Members of the family Cottidae				
Shad, American	<i>Alosa sapidissima</i>				
Shark, blue	<i>Prionace glauca</i>				
sixgill	<i>Hexanchus griseus</i>				
soupfin	<i>Galeorhinus zyopterus</i>				
spiny dogfish	<i>Squalus acanthias</i>				
thresher	<i>Alopias vulpinus</i>				
		CRUSTACEANS:			
		Barnacle, gooseneck	<i>Mitella polymerus</i>		
		Crab, box	<i>Lopholithodes foraminatus</i>		
		Dungeness	<i>Cancer magister</i>		
		hermit	<i>Paguridea</i> sp.		
		kelp	<i>Pugettia producta</i>		
		rock	<i>Cancer productus</i>		
		sand (mole)	<i>Emerita analoga</i>		
		Tanner	<i>Chionoecetes</i> sp.		
				MOLLUSKS:	
				Clam, butter	<i>Saxidomus giganteus</i>
				cockle	<i>Clinocardium nuttallii</i>
				gaper	<i>Træsus capax</i>
				littleneck	<i>Protothaca staminea</i>
				razor	<i>Siliqua patula</i>
				softshell	<i>Mya arenaria</i>
				Mussel, freshwater	Members of the family Corbiculidae and Unionidae
				ocean	<i>Mytilus</i> sp.
				Octopus	<i>Octopus</i> sp.
				Oyster, Kumamoto	<i>Crassostrea gigas</i> var.
				native	<i>Ostrea lurida</i>
				Pacific	<i>Crassostrea gigas</i>
				Scallop, rock	<i>Crassostrea giganteum</i>
				weathervane	<i>Patinoplectin caurinus</i>
				Squid	<i>Loligo opalescens</i>
				OTHER INVERTEBRATES:	
				Bloodworm	<i>Euzonus</i> sp.
				Sand dollar	<i>Dendraster excentricus</i>
				Sea anemone	Members of the class Anthozoa
				Sea cucumber	<i>Cucumaria</i> and <i>Parastichopus</i> sp.
				Sea star	Members of the family Asteroidea
				Urchin, purple sea	<i>Strongylocentrotus purpuratus</i>
				red sea	<i>Strongylocentrotus fanciscanus</i>
				Worms, tube	<i>Serpula</i> sp.

Table 2. Type and number of commercial fishing licenses and permits issued, 1985-94

Type	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Albacore tuna landing.....	48	51	50	76	55	46	32	91	120	101
Bait Fishing.....	106	122	112	131	113	118	108	96	70	56
Boat.....	2,982	3,072	3,109	3,529	3,508	3,388	2,959	—	—	—
Resident 1/.....	—	—	—	—	—	—	—	2,263	2,037	1,897
Non-resident 1/.....	—	—	—	—	—	—	—	653	520	443
Individual fishing.....	5,619	6,330	7,067	7,429	7,355	6,234	5,740	—	—	—
Resident 1/.....	—	—	—	—	—	—	—	3,737	3,378	2,901
Non-resident 1/.....	—	—	—	—	—	—	—	609	527	393
Single Delivery.....	165	406	678	136	108	77	103	174	184	105
Gillnet permit.....	373	370	370	356	356	355	354	350	344	336
Scallop permit.....	113	101	103	104	105	100	88	62	60	93
Shrimp permit.....	180	173	181	220	211	208	203	199	197	195
Troll permit.....	2,993	2,739	2,626	2,597	2,574	2,528	2,048	2,112	1,821	1,572
Sea Urchin permit.....	—	—	—	39	92	72	60	49	46	43
Bait dealers:										
Reporting.....	66	71	62	72	71	55	63	58	51	49
Non-reporting.....	34	33	27	27	30	28	29	26	23	21
Buyer.....	94	122	150	179	159	141	127	85	65	53
Canner, fish.....	8	6	7	11	7	8	9	9	7	8
Canner, shellfish.....	2	2	3	4	2	2	1	1	0	0
Limited fish seller 2/.....	2	31	37	57	77	85	65	86	111	119
Wholesale fish dealer:										
Reporting.....	181	168	167	171	188	170	160	124	113	102
Non-reporting.....	14	21	33	30	36	32	33	21	12	12
Private hatchery.....	9	7	6	6	6	4	4	0	1	1
Boat, lost license.....	18	23	30	31	35	29	22	11	12	10
Indiv. fishing, lost license.....	14	18	26	67	50	47	37	37	30	24
Permit fisheries, lost permit..	3/	3/	37	28	29	22	11	10	6	4
TOTAL	13,021	13,866	14,881	15,300	15,167	13,749	12,256	10,863	9,735	8,767

1/ Effective 1992

2/ Effective 1985

3/ Not available

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1985-1994.

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
FISH:										
Anchovy, northern.....	31	0	0	26	30	0	0	0	2	2000
Cabezon.....	5681	10963	14051	24987	14765	11383	18339	15941	3226	15495
Carp.....	0	0	11184	0	0	0	0	218	0	0
Cod, Pacific.....	85401	67789	1468747	2280678	1720551	510279	1134083	917172	1084073	376053
Dace, speckled.....	0	0	0	0	0	0	74	66	0	0
Flounder, arrowtooth..	1539458	1107314	1631086	1414080	2505977	4000879	4604857	4543936	3657146	3793635
Flounder, starry.....	789941	215869	218867	345650	443256	237846	718486	156589	164210	138466
Greenling sp.....	0	0	0	177	169	7	50	35	183	399
Grenadier.....	0	0	462	46854	112981	191831	254024	310459	817038	879490
Hagfish sp.....	0	0	0	25782	344187	167453	274535	751281	332779	5370
Halibut, California...	0	0	0	0	0	0	0	16	0	70
Halibut, Pacific.....	812822	1313777	916022	582020	916024	622233	544446	711874	662687	539997
Herring, Pacific.....	163566	220300	493788	355890	546391	475634	430494	437200	168353	16359
Lamprey, Pacific.....	6381	4740	5633	10896	8366	14203	32221	9089	17858	14260
Lingcod.....	2321264	1444563	1590000	2223051	2591820	1927617	3277413	1568033	1840715	1898239
Lord, brown Irish.....	0	0	0	0	2	1	8	0	2	10
Lord, red Irish.....	0	0	0	6	2	35	11	2	12	53
Mackerel.....	13	4	3229	1403	10443	22679	43590	1716941	1226850	1002140
Marlin, striped.....	0	0	0	0	0	0	73	0	0	0
Minnow, fathead.....	0	0	0	0	0	0	7	69	405	0
Opah.....	0	89	1727	160	0	0	0	0	0	0
Pollock, walleye.....	310	1523	0	0	47	31	340	120	455	33
Prickleback, monkeyface	71	487	0	0	0	0	0	0	0	0
Ratfish.....	0	0	0	28	110	24	167	253	98	11
Pacific Ocean perch...	1554767	1385049	1048384	1403168	1557365	1084209	1653609	1186075	1564342	1213593
Nominal POP.....	2378182	2093576	2046590	2980699	3046384	2991281	3428857	1980933	4410081	3256920
Rockfish, black.....	1/	1/	1/	1/	1/	1/	1/	1/	1/	208238
Rockfish, widow.....	9535857	9435395	13963484	12009023	15236547	12226558	9664121	11011727	14723070	9728256
Rockfish, yellowtail..	2985880	3667900	3700306	4960998	4076729	4011601	3857810	8374166	6236643	6875837

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1985-1994. (CONT.)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Rockfish, other sp....	10033146 1/	7912485 1/	10037674 1/	9838085 1/	11086159 1/	7134485 1/	10053489 1/	8578115 1/	8920922 1/	5009014
Thornyhead sp.....	2361759	1399250	1480307	2209850	5564151	9980977	7718124	9438100	9833358	8915929
Sablefish.....	11624342	10261789	11551671	8999796	8704848	8230977	8667954	8726275	8660394	9037720
Salmon, chinook.....	3856628	6477250	11482797	11741085	7610539	4202223	1795377	1676951	1490397	720759
Salmon, chum.....	3560	8287	6821	14697	4164	3909	1298	2786	256	186
Salmon, coho.....	1822162	6936483	3058254	5698522	3836619	1041908	3421096	446454	207671	488886
Salmon, pink.....	297433	12	100463	12	20295	0	8786	19	33	0
Salmon, sockeye.....	143251	14311	124037	65036	59	0	0	11	0	0
Sanddab, Pacific.....	395496	321095	468094	241914	162923	429616	690675	646542	622151	1139676
Sardine, Pacific.....	0	0	0	0	0	0	0	8568	517	44
Sculpin, buffalo.....	0	0	0	21	10	8	4	2	2	1
Sculpin, other sp....	0	0	0	0	2	0	8	0	28	98
Shad, American.....	140143	343154	365482	393621	194516	497513	141094	429634	423729	259468
Shark, blue.....	0	0	0	0	0	56	97	125	356	137
Shark, sixgill.....	0	0	0	0	135	118	300	13	111	150
Shark, soupfin.....	9087	7161	17743	3029	3264	3709	4719	4588	4123	2767
Shark, spiny dogfish..	290	363	225	1110	698	15611	145405	121575	76843	152838
Shark, thresher.....	4184	935100	203328	177548	30	655	0	1306	629	0
Shark, other sp.....	1616	1333	3645	67	159	92	40	0	527	77
Shiner, redbside.....	0	0	0	0	0	0	193	154	0	0
Skates and rays.....	11385	22767	21421	4571	8319	2112	6352	3244	3464	18058
Skilfish.....	0	0	0	0	0	0	0	147	0	0
Smelt (eulachon).....	601175	8718	0	58931	19968	1068	1580	2644	27122	210
Smelt, whitebait.....	0	0	0	0	4512	0	188	0	0	0
Smelt, other sp.....	72147	27918	48725	40	9686	40	400	1627	336	2150
Snailfish, blacktail..	0	0	0	0	0	0	0	0	44	38
Sole, butter.....	707	1034	10617	691	2465	0	817	167	255	1936
Sole, curlfin (turbot)	4518	4752	9685	6328	5420	574	2507	848	3003	5928
Sole, Dover.....	12585063	10623952	13353184	16925202	19638358	16553757	19428977	13399167	14293885	8533771
Sole, English.....	1031237	1221130	1310569	1281272	1527272	1122209	1864935	1383963	1583218	789608

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1985-1994. (CONT.)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Sole, flathead.....	32132	5556	1311	20708	7252	17111	6288	18096	11697	7648
Sole, petrale.....	1273559	1568374	1884519	1989500	1901739	1639907	2054029	1699928	1708468	1357412
Sole, rex.....	874431	629946	632021	734799	623183	500134	948308	730812	603366	483734
Sole, rock.....	1424	12862	2498	11383	5555	5018	3913	724	4218	8417
Sole, sand.....	485018	531913	500462	349569	487093	467730	634274	388724	465958	411275
Sole, slender.....	5	0	0	0	0	0	0	0	0	0
Squawfish, northern...	0	0	0	0	42	0	36	32	0	0
Steelhead.....	454332	360654	319411	267345	252099	163502	117564	237716	149371	75282
Sturgeon, green.....	31431	87823	67553	57905	10673	9528	27495	22357	23260	6940
Sturgeon, white.....	306687	485588	428330	230867	200472	184308	111602	152017	188783	142025
Sturgeon, white - eggs	0	0	0	50	0	0	0	10	66	61
Sucker, bridgelip.....	0	0	0	0	0	0	139	331	0	0
Sucker, largescale....	0	0	0	0	28	0	0	14	0	0
Sunfish, ocean.....	0	0	0	50	0	0	0	0	0	21
Surfperch sp.....	3314	4369	2539	5551	3710	4953	2201	3596	1676	1298
Tomcod, Pacific.....	0	0	0	69	0	0	0	0	0	0
Tuna, albacore.....	1524601	2461004	2288045	3967120	1079657	2079312	1258818	3895618	4754450	4697740
Tuna, other sp.....	0	364	13	154	0	0	0	0	0	0
Walleye.....	0	0	0	0	7065	1268	1806	2984	2812	2215
Whiting, Pac. (hake)..	1950069	926681	402713	543196	195914	5058341	29108721	107939472	78969791	143563263
Wolf-eel.....	6947	7064	9276	4857	4917	2994	1963	1507	595	3023
Wrymouth, giant.....	0	0	254	560	121	142	355	389	268	503
Miscellaneous.....2/	223	1421	3947	227	0	0	0	0	0	0
CRUSTACEANS:										
Barnacle, gooseneck...	0	0	0	30	561	12	25	0	0	0
Crab, box.....	93431	3060	24	0	412	8586	10460	620	832	3449
Crab, Dungeness, bay..	25098	28521	62499	37598	63480	62065	85554	97183	55341	98673
Crab, Dungeness, ocean	7397803	4632151	5928370	9379755	11612421	9447752	4838017	11810919	10400813	10539413
Crab, hermit.....	0	0	0	0	0	21	17	0	30	2
Crab, kelp.....	0	0	0	0	0	0	0	8	461	24

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS. ROUND) IN OREGON, 1985-1994. (CONT.)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Crab, mole.....	0	0	0	15	8	0	0	0	0	0
Crab, rock.....	1552	1806	5321	7772	4037	4571	5302	287	285	3683
Crab, Tanner.....	48	0	121	0	16	0	9	9	2	6640
Crayfish.....	196241	217829	336279	299013	237990	169909	124034	93058	57426	61631
Shrimp, brine.....	20100	22400	23100	26600	29800	39300	28500	43700	43200	41000
Shrimp, coonstripe....	0	0	0	0	0	0	44	0	0	0
Shrimp, ghost.....	110134	75368	52470	70815	68040	72778	99327	100399	72262	65119
Shrimp, mud.....	4663	53232	42273	40277	40995	51911	56022	51141	48300	25447
Shrimp, pink.....	14855247	33883577	44589472	41846202	49128914	31882770	21711413	48033256	26923125	16386022
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	0	23
Shrimp, spot.....	0	0	0	0	74	0	0	0	40212	65019
Water flea (Daphnia)..	0	0	0	0	3000	0	0	0	0	0
MOLLUSKS:										
Clams, butter.....	1646	2862	3046	2492	3806	4604	3546	983	6382	1961
Clams, cockle.....	29412	32697	20202	30068	44344	45607	56129	37484	71907	163295
Clams, gaper.....	20121	16519	6368	3656	5164	10391	8660	9351	5464	2146
Clams, littleneck....	46266	27573	14140	6971	6032	7521	9446	10280	36632	6084
Clams, softshell.....	1809	3558	2527	1596	1136	4633	8592	6237	7312	7448
Clams, razor.....	58253	2906	29197	33910	32177	13474	28580	0	62	19116
Mussels, ocean.....	40168	37494	48903	50656	65048	44445	31931	22472	22934	20009
Mussels, freshwater...	0	2378	3407	2564	3773	9946	4991	22715	2333	13999
Octopus.....	7682	9540	18771	46903	15318	17022	14844	20169	30349	9507
Scallops, rock.....	0	0	0	0	220	24	0	29	0	126
Scallops, weathervane	819030	105523	13590	29226	0	1781	1021	1944	286194	153855
Snails & chitons.....	0	0	0	0	0	0	14	0	14	92
Squid.....	1751773	26371	29	5	96025	0	95	13344	130646	233003
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	3	0	0	82
Sea anemone.....	0	0	0	0	0	0	32	0	0	0
Sea cucumber.....	0	0	0	0	0	0	1	0	5148	10534

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1985-1994. (CONT.)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Sea stars.....	0	0	0	0	0	0	55	0	1290	3096
Sea urchin, purple....	0	0	0	0	0	0	0	96883	34235	197109
Sea urchin, red.....	0	55820	202799	1970963	7842658	9320868	4736872	2857392	2183266	1789598
Sea urchins, other sp	0	0	0	0	0	0	10	0	100	0
Bloodworms.....	0	0	0	0	28	0	0	0	0	0
Worms, tube.....	2069	0	0	1570	1938	0	0	0	0	0
	99605673	113822486	138714102	148399571	165623652	139071640	150033088	256989410	210414938	245732435

1/ BLACK ROCKFISH INCLUDED IN ROCKFISH, OTHER SP.

2/ INCLUDES MINK FOOD, WALLEYE AND INCIDENTAL SPECIES

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1985-1994.

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
FISH:										
Anchovy, northern.....	33	0	0	13	15	0	0	0	0	200
Cabezon.....	1258	2248	3038	7110	4354	4735	9435	7655	2055	5336
Carp.....	0	0	1118	0	0	0	0	20	0	0
Cod, Pacific.....	21741	18246	481581	625521	448314	130825	341619	306304	354692	128679
Dace, speckled.....	0	0	0	0	0	0	148	68	0	0
Flounder, arrowtooth..	154518	113219	239085	184682	242358	413558	527421	480458	357553	367575
Flounder, starry.....	217759	62743	74842	107108	133213	69209	210693	49744	48873	44459
Greenling sp.....	0	0	0	121	99	4	166	31	426	942
Grenadier.....	0	0	60	7331	17920	21535	20790	23232	91544	111946
Hagfish sp.....	0	0	0	9024	103256	49434	69952	167523	80786	1343
Halibut, California...	0	0	0	0	0	0	0	44	0	74
Halibut, Pacific.....	799007	1663179	1017882	873846	1302466	915808	1021787	827775	862125	1014736
Herring, Pacific.....	124515	63053	236438	234041	267457	261308	172610	142710	42925	3112
Lamprey, Pacific.....	0	0	5633	1634	2950	3562	9017	2381	4028	4561
Lingcod.....	603982	442391	602709	799512	871307	652219	1083430	579369	671000	757249
Lord, brown Irish.....	0	0	0	0	1	1	4	0	24	20
Lord, red Irish.....	0	0	0	1	1	14	3	15	149	314
Mackerel.....	0	1	535	365	1174	3694	2598	956	3518	17356
Marlin, striped.....	0	0	0	0	0	0	310	0	0	0
Minnow, fathead.....	0	0	0	0	0	0	1	11	286	0
Opah.....	0	36	777	80	0	0	0	0	0	0
Pollock, walleye.....	62	61	0	0	5	3	47	24	148	4
Pricklebck, monkeyface	13	104	0	0	0	0	0	0	0	0
Ratfish.....	0	0	0	3	11	7	83	22	5	55
Pacific Ocean perch...	393135	384278	348285	409484	432166	293148	497651	361251	480084	406412
Nominal POP.....	554042	549733	628334	804034	737407	763234	997904	526718	1139451	829951
Rockfish, black.....	1/	1/	1/	1/	1/	1/	1/	1/	1/	88888
Rockfish, widow.....	2370269	2573024	4479994	3387375	3923316	3162354	2619408	2873690	3952699	3031563
Rockfish, yellowtail..	757874	1009811	1195589	1398034	1099739	1103934	1164470	2608814	1949195	2330511

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1985-1994. (CONT).

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Rockfish, other sp....	2595676 1/	2324101 1/	3472700 1/	2899196 1/	3134719 1/	2177787 1/	3290452 1/	2892963 1/	3088046 1/	1879158
Thornyhead sp.....	590577	395216	482734	780168	2050440	3867991	3518127	4094329	4380911	6328414
Sablefish.....	3091329	3593383	5084115	4349726	3834542	3587209	5228787	5712658	4753287	7757008
Salmon, chinook.....	6736534	8257436	21496898	26844371	10659401	8067575	2930856	3120564	2177299	1019364
Salmon, chum.....	1270	2983	6412	10650	2144	2745	560	684	135	48
Salmon, coho.....	1793852	6706363	4911333	11712110	3454954	1381662	2824793	410281	171954	403594
Salmon, pink.....	168104	6	69432	10	13111	0	4062	14	18	0
Salmon, sockeye.....	154043	16448	186607	126280	30	0	0	7	0	0
Sanddab, Pacific.....	120468	109827	171223	79220	41369	121140	217731	182641	183998	330543
Sculpin, buffalo.....	0	0	0	2	1	1	5	5	3	4
Sculpin, other sp....	0	0	0	0	1	0	1	0	75	206
Shad, American.....	25041	65820	72841	93575	73650	87987	30758	76704	66728	48403
Shark, blue.....	0	0	0	0	0	56	97	86	117	86
Shark, sixgill.....	0	0	0	0	74	89	150	7	52	75
Shark, soupfin.....	4521	4761	12367	2751	3114	2716	3129	3657	2252	1728
Shark, spiny dogfish..	4	77	83	191	333	2032	18562	4712	7229	11996
Shark, thresher.....	2092	585100	155084	135208	49	541	0	1068	445	0
Shark, other sp.....	792	784	2882	39	95	187	31	0	724	20
Shiner, redbside.....	0	0	0	0	0	0	579	256	0	0
Skates and rays.....	2609	5964	6714	1461	2654	638	2026	549	820	4354
Skilfish.....	0	0	0	0	0	0	0	147	0	0
Smelt (eulachon).....	76883	1633	0	12343	4194	854	1054	2270	6565	223
Smelt, whitebait.....	0	0	0	0	1451	0	56	0	0	0
Smelt, other sp.....	20605	7265	12357	12	1924	20	80	406	128	215
Sole, butter.....	140	216	2650	173	617	0	273	3	12	628
Sole, curlfin (turbot)	1480	1635	3220	2232	1907	172	775	266	925	1717
Sole, Dover.....	3159927	2826905	4183769	5216349	5472600	4531282	5974060	3739372	3879857	2535198
Sole, English.....	342466	439727	533189	500680	562838	350404	619454	429459	472655	250434
Sole, flathead.....	10588	1977	494	7946	2755	5134	1923	4921	3540	2518
Sole, petrale.....	935849	1198128	1552685	1662075	1589975	1358331	1688778	1358558	1307286	1108181

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1985-1994. (CONT).

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Sole, rex.....	291110	225868	248293	285249	227305	159212	303914	219884	176327	145360
Sole, rock.....	389	4455	1061	3022	2112	1510	1205	254	1501	2658
Sole, sand.....	305639	346101	366786	260971	363872	347112	473235	278892	328726	303179
Sole, slender.....	2	0	0	0	0	0	0	0	0	0
Squawfish, northern...	0	0	0	0	2	0	72	52	0	0
Steelhead.....	212353	199135	351209	382736	136572	132840	71958	155989	76756	36854
Sturgeon, green.....	14934	43938	34320	32230	5444	6831	17542	10989	13432	4944
Sturgeon, white.....	447900	771315	714606	423942	385225	376839	219431	270484	258634	188399
Sturgeon, white - eggs	0	0	0	925	0	0	0	800	1052	745
Sucker, bridgelip.....	0	0	0	0	0	0	139	228	0	0
Sucker, largescale....	0	0	0	0	1	0	0	7	0	0
Sunfish, ocean.....	0	0	0	5	0	0	0	0	0	0
Surfperch sp.....	1297	1638	1748	3105	2810	3540	1748	3529	2458	1819
Tomcod, Pacific.....	0	0	0	31	0	0	0	0	0	0
Tuna, albacore.....	803741	903940	1675345	3327289	887241	1669613	975651	3968744	3881329	3749088
Tuna, other sp.....	0	125	9	65	0	0	0	0	0	0
Walleye.....	0	0	0	0	4649	1223	1362	2269	2164	1857
Whiting, Pac. (hake)..	103310	37551	33054	41183	14625	219501	1396758	5067451	2278648	4288503
Wolf-eel.....	1451	1708	2304	1025	1471	946	535	689	339	930
Wrymouth, giant.....	0	0	95	58	18	19	114	83	20	141
Miscellaneous.....2/	1	2491	4551	534	0	0	0	0	0	0
CRUSTACEANS:										
Barnacle, gooseneck...	0	0	0	8	1938	7	19	0	0	0
Crab, box.....	12168	1530	10	0	108	5120	6235	603	604	2723
Crab, Dungeness, bay..	42050	47220	111431	63332	101571	113577	138176	136975	89416	174334
Crab, Dungeness, ocean	10592193	6540840	8240445	11217831	13462688	14441256	7324158	13250824	11708787	14288194
Crab, hermit.....	0	0	0	0	0	11	9	0	76	4
Crab, kelp.....	0	0	0	0	0	0	0	16	417	19
Crab, mole.....	0	0	0	70	8	0	0	0	0	0
Crab, rock.....	0	0	5321	7772	4037	4643	4907	204	204	2723

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1985-1994. (CONT).

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Crab, Tanner.....	17	0	242	0	16	0	9	9	4	6824
Crayfish.....	198503	225500	470539	415975	318466	211411	149464	107171	66761	71627
Shrimp, brine.....	11250	22395	34650	39900	46260	62520	51300	37145	36720	34851
Shrimp, coonstripe....	0	0	0	0	0	0	111	0	0	0
Shrimp, ghost.....	32162	125400	135904	90038	97903	98412	150903	132328	89293	76809
Shrimp, mud.....	1416	16084	64882	66198	67123	86745	91671	65308	61321	32073
Shrimp, pink.....	5241977	18105897	30273745	17149670	17906265	15628757	12069476	17186998	8911606	9626445
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	0	91
Shrimp, spot.....	0	0	0	0	259	0	0	0	92642	166653
Water flea (Daphnia)..	0	0	0	0	3000	0	0	0	0	0
MOLLUSKS:										
Clams, butter.....	442	773	1422	1549	1547	1313	1722	1116	3003	627
Clams, cockle.....	11425	12757	5704	12075	20643	24504	27644	17232	34671	64837
Clams, gaper.....	5495	3488	1573	1176	1750	4083	2993	5339	2682	1197
Clams, littleneck.....	44787	28337	15716	8219	8951	11775	16285	16409	55556	10997
Clams, softshell.....	161	16	524	554	450	3377	8564	4491	4788	4563
Clams, razor.....	114940	6058	64172	86831	87962	39487	73112	0	142	28307
Mussels, ocean.....	10830	2069	26478	20075	21871	14388	6925	5848	7583	5364
Mussels, freshwater...	0	666	954	744	1094	2885	1447	15647	817	4900
Octopus.....	3812	5571	14197	31257	8625	11532	10398	21478	24140	6633
Scallops, rock.....	0	0	0	0	10	1	0	203	0	88
Scallops, weathervane	327922	47588	6406	12017	0	767	413	1415	131468	67953
Snails & chitons.....	0	0	0	0	0	0	2	0	28	0
Squid.....	318691	2685	3	1	7683	0	29	1607	31242	35676
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	1	0	0	41
Sea anemone.....	0	0	0	0	0	0	1	0	0	0
Sea cucumber.....	0	0	0	0	0	0	1	0	6645	21068
Sea stars.....	0	0	0	0	0	0	2	0	2509	3552
Sea urchin, purple....	0	0	0	0	0	0	0	65849	20808	105248

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1985-1994. (CONT).

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Sea urchin, red.....	0	14708	51360	571083	2728272	4413286	3455874	2212906	1909015	1373040
Sea urchins, other sp	0	0	0	0	0	0	1	0	100	0
Bloodworms.....	0	0	0	0	11	0	0	0	0	0
Worms, tube.....	535	0	0	314	773	0	0	0	0	0
TOTAL	44985961	61175729	94694748	97845146	77427102	71494182	62162222	74262867	60861061	65771339

1/ BLACK ROCKFISH INCLUDED IN ROCKFISH, OTHER SP.

2/ INCLUDES MINK FOOD, WALLEYE AND INCIDENTAL SPECIES

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1994.

SPECIES	COLUMBIA		PACIFIC		DEPOE	WINCHESTER				PORT	GOLD		OTHER 2/	TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS		LOCATIONS
FISH:															
Anchovy, northern.....	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	2000
Cábezon.....	0	420	148	461	471	254	8	0	726	0	12726	86	195	0	15495
Cod, Pacific.....	0	298298	8891	0	0	59702	2	0	9160	0	0	0	0	0	376053
Flounder, arrowtooth..	0	3273423	67326	0	0	215721	127	0	204109	0	127	0	32802	0	3793635
Flounder, starry.....	27	105635	2150	0	0	12391	1323	0	16690	0	0	0	250	0	138466
Greenling sp.....	0	19	0	0	0	313	0	0	0	0	39	0	28	0	399
Grenadier.....	0	45405	150	0	0	16153	0	0	721996	0	0	0	95786	0	879490
Hagfish sp.....	0	0	0	0	0	0	0	0	5370	0	0	0	0	0	5370
Halibut, California...	0	0	0	0	0	0	0	0	35	0	0	0	35	0	70
Halibut, Pacific.....	0	417293	7480	324	1029	69492	4276	1140	29688	520	3090	113	5552	0	539997
Herring, Pacific.....	0	6152	0	0	0	8707	0	1500	0	0	0	0	0	0	16359
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0	0	0	0	14260	14260
Lingcod.....	0	697572	81939	20978	11841	480343	3377	17336	355289	371	57161	358	170772	902	1898239
Lord, brown Irish.....	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Lord, red Irish.....	0	0	0	0	0	53	0	0	0	0	0	0	0	0	53
Mackerel.....	0	377184	0	0	0	622861	0	0	2095	0	0	0	0	0	1002140
Pollock, walleye.....	0	13	0	0	0	0	0	0	20	0	0	0	0	0	33
Ratfish.....	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Pacific Ocean perch...	0	838114	11811	0	0	340220	0	0	21003	0	2445	0	0	0	1213593
Nominal POP.....	0	675656	354295	0	0	1141094	266	0	927539	48	1	41	157980	0	3256920
Rockfish, black.....	0	21590	3276	17207	8465	10239	65	0	2485	1057	117572	371	25022	889	208238
Rockfish, widow.....	0	2774033	203454	0	0	4771534	908	24	1299143	0	1820	52	677288	0	9728256
Rockfish, yellowtail..	0	3635875	308064	0	935	2159190	38938	13	572016	0	55926	98	104782	0	6875837
Rockfish, other sp....	0	2051187	118551	12422	29166	1419582	11562	3968	941262	10804	260511	1322	148677	0	5009014
Thornyhead sp.....	0	3366207	118506	0	0	1613833	0	48	2990670	0	9	0	826656	0	8915929
Sablefish.....	0	3059856	108633	0	316	1762480	268658	5170	2422222	734	505129	242	904280	0	9037720
Salmon, chinook.....	390708	225	29970	3651	1812	187529	13337	10836	22651	5272	29935	1649	22840	344	720759

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1994. (CONT.)

SPECIES	COLUMBIA		PACIFIC		DEPOE		WINCHESTER			PORT	GOLD	OTHER 2/		TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS		LOCATIONS
Salmon, chum.....	186	0	0	0	0	0	0	0	0	0	0	0	0	0	186
Salmon, coho.....	488886	0	0	0	0	0	0	0	0	0	0	0	0	0	488886
Sanddab, Pacific.....	0	84554	3504	0	0	52175	191582	0	769674	0	0	0	38187	0	1139676
Sardine, Pacific.....	0	44	0	0	0	0	0	0	0	0	0	0	0	0	44
Sculpin, buffalo.....	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Sculpin, other sp.....	0	0	0	0	0	98	0	0	0	0	0	0	0	0	98
Shad, American.....	184540	51295	0	0	0	106	21	22909	597	0	0	0	0	0	259468
Shark, blue.....	0	0	0	0	0	55	0	0	29	0	0	0	53	0	137
Shark, sixgill.....	0	150	0	0	0	0	0	0	0	0	0	0	0	0	150
Shark, soupfin.....	0	1115	46	0	0	842	0	0	515	0	59	0	190	0	2767
Shark, spiny dogfish..	0	107385	0	0	0	45106	26	0	321	0	0	0	0	0	152838
Shark, other sp.....	0	0	0	0	0	0	0	0	77	0	0	0	0	0	77
Skates and rays.....	0	9277	0	0	0	574	247	0	7960	0	0	0	0	0	18058
Smelt (eulachon).....	210	0	0	0	0	0	0	0	0	0	0	0	0	0	210
Smelt, other sp.....	0	0	0	0	0	0	0	2150	0	0	0	0	0	0	2150
Snailfish, blacktail..	0	0	0	0	0	38	0	0	0	0	0	0	0	0	38
Sole, butter.....	0	1936	0	0	0	0	0	0	0	0	0	0	0	0	1936
Sole, curlfin (turbot)	0	924	0	0	0	1422	385	0	3139	0	0	0	58	0	5928
Sole, Dover.....	0	2936487	451587	0	0	1441960	1348	168	2826812	0	40	0	875369	0	8533771
Sole, English.....	0	359976	21239	0	0	189504	6334	0	177672	0	0	0	34883	0	789608
Sole, flathead.....	0	7638	10	0	0	0	0	0	0	0	0	0	0	0	7648
Sole, petrale.....	0	357295	30054	0	0	225163	5809	0	483780	0	13	0	255298	0	1357412
Sole, rex.....	0	240624	21910	0	0	80940	813	0	89713	0	0	0	49734	0	483734
Sole, rock.....	0	622	163	0	0	172	3459	0	3877	0	15	0	109	0	8417
Sole, sand.....	0	225870	11750	0	0	68829	14589	0	87681	0	7	0	2549	0	411275
Steelhead.....	75282	0	0	0	0	0	0	0	0	0	0	0	0	0	75282
Sturgeon, green.....	1919	841	47	0	0	1941	326	0	1866	0	0	0	0	0	6940
Sturgeon, white.....	141705	78	0	0	0	0	0	0	242	0	0	0	0	0	142025
Sturgeon, white - eggs	61	0	0	0	0	0	0	0	0	0	0	0	0	0	61

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1994. (CONT.)

SPECIES	COLUMBIA			PACIFIC			DEPOE			WINCHESTER			PORT		GOLD		OTHER 2/		TOTAL
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS	LOCATIONS					
Sunfish, ocean.....	0	13	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	21	
Surfperch sp.....	0	81	0	0	0	749	0	0	0	0	0	53	415	0			0	1298	
Tuna, albacore.....	0	602952	438010	2876	345	2695145	61739	56754	539914	9274	77376	0	213355	0			0	4697740	
Walleye.....	2215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2215	
Whiting, Pac. (hake)..	0	46776736	0	0	0	95910453	0	0	876074	0	0	0	0	0	0	0	0	143563263	
Wolf-eel.....	0	704	189	0	30	472	5	0	1025	0	515	0	83	0			0	3023	
Wrymouth, giant.....	0	319	0	0	0	99	0	0	85	0	0	0	0	0	0	0	0	503	
CRUSTACEANS:																			
Crab, box.....	0	2964	0	0	0	485	0	0	0	0	0	0	0	0	0	0	0	0	3449
Crab, Dungeness, bay..	0	0	0	210	0	252	80	26011	29206	899	0	69	0	41946			0	98673	
Crab, Dungeness, ocean	0	3055997	309837	11289	91953	3345613	213945	335659	1554529	0	427543	361	1192687	0			0	10539413	
Crab, hermit.....	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
Crab, kelp.....	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	24	
Crab, rock.....	0	0	0	0	0	3644	0	0	0	0	39	0	0	0	0	0	0	3683	
Crab, tanner.....	0	6210	0	0	0	430	0	0	0	0	0	0	0	0	0	0	0	6640	
Crayfish.....	0	0	0	0	0	0	0	0	0	0	0	0	0	61631			0	61631	
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	41000			0	41000	
Shrimp, ghost.....	0	0	0	885	0	0	1313	47	2898	0	0	0	0	59976			0	65119	
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0	0	0	0	25447			0	25447	
Shrimp, pink.....	0	2449670	414230	0	0	3180326	12756	0	5526184	0	53098	0	4749758	0			0	16386022	
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	7	0	0	0	16	0			0	23	
Shrimp, spot.....	0	3770	58466	0	0	40	0	0	2483	0	0	0	260	0			0	65019	
MOLLUSKS:																			
Clams, butter.....	0	0	1857	0	0	0	0	0	104	0	0	0	0	0	0	0	0	1961	
Clams, cockle.....	0	0	147243	0	0	851	0	0	11077	0	0	0	0	4124			0	163295	
Clams, gaper.....	0	0	5	0	0	1356	0	0	785	0	0	0	0	0	0	0	0	2146	
Clams, littleneck....	0	0	389	0	0	6	0	0	56	0	0	0	0	5633			0	6084	
Clams, softshell.....	0	0	0	0	0	0	0	7403	0	45	0	0	0	0	0	0	0	7448	

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1994. (CONT.)

SPECIES	COLUMBIA		PACIFIC		DEPOE		WINCHESTER			PORT	GOLD	OTHER 2/		TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS		LOCATIONS
Clams, razor.....	0	0	0	0	0	262	0	0	0	0	0	0	0	18854	19116
Mussels, ocean.....	0	0	0	0	0	35	230	0	0	447	91	0	0	19206	20009
Mussels, freshwater...	0	0	0	0	0	0	0	0	0	0	0	0	0	13999	13999
Octopus.....	0	6134	109	0	0	1152	0	0	632	0	472	0	1008	0	9507
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0	0	0	126	0	126
Scallops, weathervane	0	488	0	0	0	59670	0	0	93697	0	0	0	0	0	153855
Snails & chitons.....	0	92	0	0	0	0	0	0	0	0	0	0	0	0	92
Squid.....	0	1610	0	0	0	36097	0	0	195296	0	0	0	0	0	233003
OTHER INVERTEBRATES:															
Sand dollars.....	0	0	0	0	0	82	0	0	0	0	0	0	0	0	82
Sea cucumber.....	0	0	0	0	0	0	0	0	0	0	10414	120	0	0	10534
Sea stars.....	0	0	0	0	0	3096	0	0	0	0	0	0	0	0	3096
Sea urchin, purple....	0	0	0	0	22579	0	0	0	165236	0	9294	0	0	0	197109
Sea urchin, red.....	0	0	0	0	120877	13285	0	0	35391	0	1057428	504653	57964	0	1789598
TOTAL	1285739	78938008	3335289	70303	289819	122254272	857854	493136	24032803	29471	2682895	509588	10645047	308211	245732435

1/ OREGON LANDINGS ONLY.

2/ LANDINGS AT SEASIDE/GEARHART, CANNON BEACH, NEHALEM BAY, NETARTS BAY, SILETZ BAY, WALDPORT AND INLAND WATERS.

SEE TABLE 63 FOR LANDINGS OF CRAYFISH, FRESHWATER MUSSELS, PACIFIC LAMPREY AND BRINE SHRIMP BY COUNTY.

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Anchovy, northern.....	0	0	0	0	0	0	0	2000	0	0	0	0	2000
Cabazon.....	205	24	230	146	557	2099	2032	4144	2575	2242	737	504	15495
Cod, Pacific.....	46777	11535	14453	20840	37384	69153	63475	72578	15756	22033	483	1586	376053
Flounder, arrowtooth..	78461	47460	107913	128801	227993	1530022	937819	387600	218909	79676	15425	33556	3793635
Flounder, starry.....	467	25	3254	2596	5130	23931	35659	27503	16218	23108	575	0	138466
Greenling sp.....	0	3	63	12	37	20	104	92	51	17	0	0	399
Grenadier.....	45382	41244	64406	74582	148026	209632	48384	90611	78856	51546	23401	3420	879490
Hagfish sp.....	0	0	5370	0	0	0	0	0	0	0	0	0	5370
Halibut, California...	0	0	35	0	0	0	21	14	0	0	0	0	70
Halibut, Pacific.....	0	0	0	0	34	150870	51740	66004	271349	0	0	0	539997
Herring, Pacific.....	0	7130	900	0	104	2138	4751	699	637	0	0	0	16359
Lamprey, Pacific.....	0	0	0	0	0	2064	12119	77	0	0	0	0	14260
Lingcod.....	207332	72580	120614	110051	208368	196521	232700	369753	202991	143861	19882	13586	1898239
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	10	0	0	10
Lord, red Irish.....	0	0	0	0	16	14	4	12	7	0	0	0	53
Mackerel.....	0	0	0	56	14089	83176	104837	159598	225402	372342	42640	0	1002140
Pollock, walleye.....	0	0	0	0	0	0	9	22	0	2	0	0	33
Ratfish.....	0	4	0	0	0	0	1	6	0	0	0	0	11
Pacific Ocean perch...	78473	65635	111562	90821	110625	185027	178571	165129	128353	76924	5134	17339	1213593
Nominal POP.....	308802	190029	327064	324433	454202	427905	291000	275443	313232	245326	60071	39413	3256920
Rockfish, black.....	1062	1039	2850	12219	28357	47382	32627	48889	15649	12770	3282	2112	208238
Rockfish, widow.....	1044128	789333	876262	588205	858991	865338	1134866	1140013	973723	845588	590020	21789	9728256
Rockfish, yellowtail..	709551	566771	766457	701515	704719	835174	845399	659104	444059	483512	77536	82040	6875837
Rockfish, other sp....	419157	331669	509969	451883	490238	672967	603302	550160	405161	356881	98476	119151	5009014
Thornyhead sp.....	855718	812683	1209468	1084561	1465087	1489947	447800	455239	452019	457309	162513	23585	8915929
Sablefish.....	350253	302059	508601	527761	3675021	2015519	358695	424395	436635	319929	118852	0	9037720
Salmon, chinook.....	0	1243	19459	1307	97945	105954	2126	70889	246495	167676	7665	0	720759
Salmon, chum.....	0	0	0	0	0	0	0	0	0	186	0	0	186
Salmon, coho.....	0	0	0	0	0	0	0	2074	355714	131098	0	0	488886

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1994. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sanddab, Pacific.....	89496	49645	90098	67152	30264	38322	19942	75359	69728	93141	212681	303848	1139676
Sardine, Pacific.....	0	0	0	0	0	0	0	0	33	11	0	0	44
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	1	0	0	0	1
Sculpin, other sp.....	0	0	2	4	0	20	39	14	14	5	0	0	98
Shad, American.....	0	133	26	21	46311	190930	19439	1644	869	93	2	0	259468
Shark, blue.....	0	0	11	0	0	0	44	82	0	0	0	0	137
Shark, sixgill.....	150	0	0	0	0	0	0	0	0	0	0	0	150
Shark, soupfin.....	495	471	248	155	124	763	143	100	98	118	27	25	2767
Shark, spiny dogfish..	15317	0	0	26	2944	1280	573	1909	256	107358	9724	13451	152838
Shark, other sp.....	0	0	0	0	0	0	0	53	24	0	0	0	77
Skates and rays.....	200	70	238	64	586	730	2460	6280	1845	3264	303	2018	18058
Smelt (eulachon).....	53	0	147	0	0	0	0	0	0	0	0	10	210
Smelt, other sp.....	0	0	0	0	0	0	2150	0	0	0	0	0	2150
Snailfish, blacktail..	0	0	0	0	0	38	0	0	0	0	0	0	38
Sole, butter.....	0	0	0	0	0	0	1936	0	0	0	0	0	1936
Sole, curlfin (turbot)	464	0	58	0	320	450	1683	1826	1033	31	63	0	5928
Sole, Dover.....	1025841	633184	980140	994436	862372	711386	702516	763709	736357	725833	268894	129103	8533771
Sole, English.....	86817	50955	63989	52643	91625	102444	63688	120978	53930	59418	8265	34856	789608
Sole, flathead.....	0	0	2020	115	233	66	712	925	1884	1693	0	0	7648
Sole, petrale.....	307172	125966	79819	34127	95018	68326	37098	90844	81352	69850	33622	334218	1357412
Sole, rex.....	100398	35361	42673	27657	38989	44093	37972	54278	40250	37172	10760	14131	483734
Sole, rock.....	0	0	137	120	369	215	1978	3987	1548	52	6	5	8417
Sole, sand.....	2622	1610	11134	18882	26227	80149	117943	82378	40219	29510	601	0	411275
Steelhead.....	0	2921	12810	0	0	0	0	12779	31238	15534	0	0	75282
Sturgeon, green.....	32	0	28	58	880	1622	385	144	241	3224	326	0	6940
Sturgeon, white.....	2983	52296	47526	171	788	41	78	26	74	38042	0	0	142025
Sturgeon, white - eggs	52	0	9	0	0	0	0	0	0	0	0	0	61
Sunfish, ocean.....	0	0	0	0	0	0	0	13	0	0	8	0	21
Surfperch sp.....	0	68	143	279	0	182	276	159	158	29	4	0	1298
Tuna, albacore.....	0	0	0	0	0	35328	78967	2279681	1415167	853094	35503	0	4697740

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1994. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Walleye.....	0	97	1260	0	0	0	0	158	491	209	0	0	2215
Whiting, Pac. (hake)..	0	0	6400	795023	15943877	24969181	25919069	34976644	15088784	18876682	6987603	0	143563263
Wolf-eel.....	0	0	52	117	427	1003	609	661	68	69	9	8	3023
Wrymouth, giant.....	0	0	0	20	32	40	149	117	51	31	0	63	503
CRUSTACEANS:													
Crab, box.....	0	787	2140	0	0	0	522	0	0	0	0	0	3449
Crab, Dungeness, bay..	0	0	0	0	0	32	0	0	39451	45666	11974	1550	98673
Crab, Dungeness, ocean	2206171	529480	465891	173428	166093	202537	372064	312538	0	0	0	6111211	10539413
Crab, hermit.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Crab, kelp.....	0	0	2	0	0	0	0	0	22	0	0	0	24
Crab, rock.....	624	526	604	0	0	43	16	0	240	1215	345	70	3683
Crab, tanner.....	0	0	1438	4772	0	430	0	0	0	0	0	0	6640
Crayfish.....	0	0	0	371	5040	17397	12091	10815	10236	5681	0	0	61631
Shrimp, brine.....	0	0	0	0	4870	11410	11020	13700	0	0	0	0	41000
Shrimp, ghost.....	4381	3265	4935	5863	5807	5237	6509	7365	8860	7506	3192	2199	65119
Shrimp, mud.....	4409	5258	4449	2623	2033	986	200	0	0	534	1634	3321	25447
Shrimp, pink.....	0	0	0	2056114	2911798	3763484	2361749	2636203	1858320	798354	0	0	16386022
Shrimp, Sidestripe....	0	0	0	7	0	0	0	16	0	0	0	0	23
Shrimp, spot.....	7710	8709	5613	9508	13470	15595	1987	40	222	2165	0	0	65019
MOLLUSKS:													
Clams, butter.....	0	150	1015	4	0	0	154	220	0	0	0	418	1961
Clams, cockle.....	27441	25072	31596	22215	20632	7212	5325	4294	2189	5275	6474	5570	163295
Clams, gaper.....	0	0	0	0	0	0	810	605	133	245	353	0	2146
Clams, littleneck....	0	15	0	207	521	1258	1022	1343	998	702	6	12	6084
Clams, softshell.....	390	624	596	381	672	588	444	644	878	174	1157	900	7448
Clams, razor.....	0	0	22	25	163	0	0	52	0	0	12788	6066	19116
Mussels, ocean.....	2085	1732	2135	1570	2009	1413	0	1275	521	2843	1861	2565	20009
Mussels, freshwater...	0	0	0	0	0	0	0	11916	2083	0	0	0	13999
Octopus.....	1710	1257	1599	695	1225	1182	533	600	237	314	4	151	9507
Scallops, rock.....	0	0	0	0	0	0	0	126	0	0	0	0	126

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1994. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Scallops, weathervane	24980	37503	31702	0	59670	0	0	0	0	0	0	0	153855
Snails & chitons.....	0	0	0	0	92	0	0	0	0	0	0	0	92
Squid.....	18	0	0	4	220	36158	32145	163662	409	322	5	60	233003
OTHER INVERTEBRATES:													
Sand dollars.....	0	0	0	0	60	22	0	0	0	0	0	0	82
Sea cucumber.....	0	0	0	0	218	5849	3273	1194	0	0	0	0	10534
Sea stars.....	0	0	192	0	39	4	0	0	192	1001	1013	655	3096
Sea urchin, purple....	0	0	0	0	0	0	0	130047	28688	34900	1244	2230	197109
Sea urchin, red.....	178749	179208	235402	166736	151126	146702	171453	115036	181562	101688	100691	61245	1789598
TOTAL	8236528	4986829	6777229	8555382	29014069	39379001	35379207	46858487	24504745	25715084	8937834	7388040	245732435

TABLE 6. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH FROM THE COLUMBIA RIVER, 1994. 1/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
FISH:													
Flounder, starry.....	0	0	19	5	3	0	0	0	0	0	0	0	27
Salmon, chinook.....	0	1243	19222	1307	911	0	0	118	1035	23286	0	0	47122
Salmon, chum.....	0	0	0	0	0	0	0	0	0	186	0	0	186
Salmon, coho.....	0	0	0	0	0	0	0	1619	354314	126992	0	0	482925
Shad, American.....	0	0	0	0	29385	121461	3419	0	0	0	0	0	154265
Smelt (eulachon).....	53	0	147	0	0	0	0	0	0	0	0	10	210
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	1919	0	0	1919
Sturgeon, white.....	0	38589	17552	171	587	0	0	26	74	38042	0	0	95041
TOTAL	53	39832	36940	1483	30886	121461	3419	1763	355423	190425	0	10	781695
ABOVE BONNEVILLE DAM													
FISH:													
Salmon, chinook.....	0	0	237	0	0	0	0	67431	233544	42374	0	0	343586
Salmon, coho.....	0	0	0	0	0	0	0	455	1400	4106	0	0	5961
Shad, American.....	0	133	26	0	0	29853	152	110	1	0	0	0	30275
Steelhead.....	0	2921	12810	0	0	0	0	12779	31238	15534	0	0	75282
Sturgeon, white.....	2983	13707	29974	0	0	0	0	0	0	0	0	0	46664
Sturgeon, white - eggs	52	0	9	0	0	0	0	0	0	0	0	0	61
Walleye.....	0	97	1260	0	0	0	0	158	491	209	0	0	2215
TOTAL	3035	16858	44316	0	0	29853	152	80933	266674	62223	0	0	504044
TOTAL	3088	56690	81256	1483	30886	151314	3571	82696	622097	252648	0	10	1285739

1/ OREGON LANDINGS ONLY.

TABLE 7. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT ASTORIA, 1994. 1/ 2/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	174	200	39	0	7	0	0	420
Cod, Pacific.....	32722	8258	13864	17107	27592	50627	56390	59746	11456	18609	343	1584	298298
Flounder, arrowtooth..	38572	23820	74409	78169	153287	1466504	887972	339246	167237	39924	2685	1598	3273423
Flounder, starry.....	447	15	3204	2350	2930	18009	22778	22333	13630	19939	0	0	105635
Greenling sp.....	0	0	0	0	19	0	0	0	0	0	0	0	19
Grenadier.....	1194	958	1376	5027	14019	6787	940	7335	4315	1227	2227	0	45405
Halibut, Pacific.....	0	0	0	0	0	150732	3002	57641	205918	0	0	0	417293
Herring, Pacific.....	0	0	0	0	94	2130	3120	175	633	0	0	0	6152
Lingcod.....	75018	20309	19979	32081	71263	57329	93847	206187	86112	27692	1491	6264	697572
Mackerel.....	0	0	0	0	3823	9686	16864	74729	141306	130717	59	0	377184
Pollock, walleye.....	0	0	0	0	0	0	9	2	0	2	0	0	13
Pacific Ocean perch...	45793	41671	63502	67786	61769	132108	148537	118045	90534	53851	485	14033	838114
Nominal POP.....	14218	11000	29718	66648	65543	171681	90931	103002	52568	51316	10616	8415	675656
Rockfish, black.....	0	0	435	7987	2025	5354	1686	2986	1021	96	0	0	21590
Rockfish, widow.....	282190	191216	226335	117749	163153	282904	385882	436162	375238	244292	60625	8287	2774033
Rockfish, yellowtail..	262104	215357	289474	347947	324475	480513	565542	408891	315206	315034	36796	74536	3635875
Rockfish, other sp....	188504	113142	143717	203515	180897	292549	311470	254871	200762	117104	8347	36309	2051187
Thornyhead sp.....	259136	271716	442255	415727	569944	672254	174029	183695	169760	167352	33270	7069	3366207
Sablefish.....	121454	115231	199090	168682	965156	868699	132970	148772	214470	108780	16552	0	3059856
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	225	0	0	225
Sanddab, Pacific.....	4119	3059	14312	12373	12145	14553	886	8961	12396	1750	0	0	84554
Sardine, Pacific.....	0	0	0	0	0	0	0	0	33	11	0	0	44
Shad, American.....	0	0	0	0	8916	24777	15138	1531	858	75	0	0	51295
Shark, sixgill.....	150	0	0	0	0	0	0	0	0	0	0	0	150
Shark, soupfin.....	191	186	135	0	0	376	109	20	98	0	0	0	1115
Shark, spiny dogfish..	15317	0	0	0	2936	1254	564	1866	93	70267	1929	13159	107385
Skates and rays.....	0	0	0	0	0	620	2273	2795	859	2582	10	138	9277
Sole, butter.....	0	0	0	0	0	0	1936	0	0	0	0	0	1936
Sole, curlfin (turbot)	0	0	0	0	112	215	75	304	187	31	0	0	924

TABLE 7. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT ASTORIA, 1994. 1/ 2/ (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, Dover.....	362733	207767	451470	360373	205865	236502	266006	312021	245052	227338	17366	43994	2936487
Sole, English.....	32961	21871	31388	23925	49830	40604	33309	81208	20883	19259	193	4545	359976
Sole, flathead.....	0	0	2020	115	233	66	712	925	1874	1693	0	0	7638
Sole, petrale.....	68201	40490	19512	5888	31495	15690	8816	31565	23369	20361	676	91232	357295
Sole, rex.....	59858	12644	16290	12986	13366	23420	24215	34556	23609	16958	225	2497	240624
Sole, rock.....	0	0	28	112	7	7	7	239	190	27	0	5	622
Sole, sand.....	890	1578	10755	18329	11692	52420	71370	38018	15381	5437	0	0	225870
Sturgeon, green.....	32	0	28	30	224	120	287	71	49	0	0	0	841
Sturgeon, white.....	0	0	0	0	0	0	78	0	0	0	0	0	78
Sunfish, ocean.....	0	0	0	0	0	0	0	13	0	0	0	0	13
Surfperch sp.....	0	0	69	12	0	0	0	0	0	0	0	0	81
Tuna, albacore.....	0	0	0	0	0	0	0	126779	218067	258106	0	0	602952
Whiting, Pac. (hake)..	0	0	0	69776	4687958	8502429	7393362	11085810	8983831	4959802	1093768	0	46776736
Wolf-eel.....	0	0	0	17	201	253	20	213	0	0	0	0	704
Wrymouth, giant.....	0	0	0	0	0	40	127	92	40	10	0	10	319
CRUSTACEANS:													
Crab, box.....	0	508	2140	0	0	0	316	0	0	0	0	0	2964
Crab, Dungeness, ocean	1283934	296834	220303	74306	40530	20995	15198	12915	0	0	0	1090982	3055997
Crab, tanner.....	0	0	1438	4772	0	0	0	0	0	0	0	0	6210
Shrimp, pink.....	0	0	0	392543	629917	293948	519844	497678	81034	34706	0	0	2449670
Shrimp, spot.....	0	0	0	0	52	1832	1886	0	0	0	0	0	3770
MOLLUSKS:													
Octopus.....	968	1183	1203	566	542	720	263	353	150	128	4	54	6134
Scallops, weathervane	0	0	488	0	0	0	0	0	0	0	0	0	488
Snails & chitons.....	0	0	0	0	92	0	0	0	0	0	0	0	92
Squid.....	0	0	0	0	91	498	305	158	303	195	0	60	1610
OTHER INVERTEBRATES:													
TOTAL	3150706	1598813	2278937	2506898	8302193	13899379	11253271	14661948	11678522	6914903	1287667	1404771	78938008

1/ OCEAN LANDINGS ONLY; SEE TABLE 6 FOR COLUMBIA RIVER LANDINGS

2/ INCLUDES LANDINGS AT WARRENTON AND HAMMOND.

TABLE 7A. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT SEASIDE/GEARHART, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Clams, razor.....	0	0	0	0	0	0	0	0	0	0	12788	6066	18854
TOTAL	0	0	0	0	0	0	0	0	0	0	12788	6066	18854

TABLE 7B. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT CANNON BEACH, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	0	44	141	0	0	0	0	0	185
Rockfish, black.....	0	0	0	0	0	145	576	0	0	0	0	0	721
TOTAL	0	0	0	0	0	189	717	0	0	0	0	0	906

TABLE 8. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEHALEM BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, ghost.....	52	30	90	116	157	120	171	137	183	1106	227	32	2421
MOLLUSKS:													
Clams, cockle.....	0	0	0	30	45	72	0	14	0	0	0	0	161
Clams, littleneck.....	0	0	0	180	489	1230	966	1068	998	702	0	0	5633
TOTAL	52	30	90	326	691	1422	1137	1219	1181	1808	227	32	8215

TABLE 9. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GARIBALDI, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	0	148	0	0	0	0	0	148
Cod, Pacific.....	1755	289	325	1981	3001	774	347	140	33	246	0	0	8891
Flounder, arrowtooth..	8009	5298	10802	11312	22422	3095	4494	165	1221	392	0	116	67326
Flounder, starry.....	0	0	0	0	0	487	1423	240	0	0	0	0	2150
Grenadier.....	0	0	0	0	0	0	0	0	150	0	0	0	150
Halibut, Pacific.....	0	0	0	0	0	0	4292	3188	0	0	0	0	7480
Lingcod.....	17372	749	1914	5963	23384	7488	14190	6276	3260	1063	0	280	81939
Pacific Ocean perch...	0	0	0	718	0	1224	1938	4646	2647	638	0	0	11811
Nominal POP.....	17970	5287	22513	85278	82514	42645	52547	13562	19519	12324	0	136	354295
Rockfish, black.....	0	0	0	107	104	1310	1586	66	30	73	0	0	3276
Rockfish, widow.....	36554	17965	37716	17000	36960	1470	19885	5654	1925	28235	0	90	203454
Rockfish, yellowtail..	32352	21920	42501	38201	56607	9393	38739	17125	18303	32357	0	566	308064
Rockfish, other sp....	7690	4014	10893	10262	18126	7663	26047	21220	7802	4615	7	212	118551
Thornyhead sp.....	9294	5021	13717	8948	25466	12376	19382	2208	11090	10958	0	46	118506
Sablefish.....	12433	5499	9961	16598	32513	6973	11893	3620	5946	3197	0	0	108633
Salmon, chinook.....	0	0	0	0	1508	3719	0	0	0	24255	488	0	29970
Sanddab, Pacific.....	0	0	0	417	1049	98	1334	606	0	0	0	0	3504
Shark, soupfin.....	0	46	0	0	0	0	0	0	0	0	0	0	46
Sole, Dover.....	74380	44747	32379	94090	113772	24194	40641	4614	13247	6889	0	2634	451587
Sole, English.....	1033	530	329	2663	5287	4003	3947	2137	467	471	0	372	21239
Sole, flathead.....	0	0	0	0	0	0	0	0	10	0	0	0	10
Sole, petrale.....	8475	1386	854	2387	9226	2024	1989	863	373	103	0	2374	30054
Sole, rex.....	3048	1584	1360	3541	8795	1423	1216	172	187	396	0	188	21910
Sole, rock.....	0	0	0	0	0	0	101	60	2	0	0	0	163
Sole, sand.....	0	0	0	0	0	3003	7762	981	4	0	0	0	11750
Sturgeon, green.....	0	0	0	0	0	0	47	0	0	0	0	0	47
Tuna, albacore.....	0	0	0	0	0	0	0	222987	114760	100263	0	0	438010
Wolf-eel.....	0	0	0	0	0	61	118	10	0	0	0	0	189

TABLE 9. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GARIBALDI, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, ocean	95065	23832	43571	18503	20777	15359	12516	9392	0	0	0	70822	309837
Shrimp, pink.....	0	0	0	40995	109666	52639	70194	115722	14334	10680	0	0	414230
Shrimp, spot.....	7710	8709	5613	8916	11487	13739	0	0	222	2070	0	0	58466
MOLLUSKS:													
Clams, butter.....	0	150	1015	4	0	0	50	220	0	0	0	418	1857
Clams, cockle.....	26587	23660	30728	20640	17114	5539	4505	4110	1890	5275	4795	2400	147243
Clams, gaper.....	0	0	0	0	0	0	0	5	0	0	0	0	5
Clams, littleneck.....	0	15	0	27	32	28	0	275	0	0	0	12	389
Octopus.....	0	0	45	0	0	0	50	14	0	0	0	0	109
TOTAL	359727	170701	266236	388551	599810	220727	341381	440278	217422	244500	5290	80666	3335289

TABLE 10. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NETARTS BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	71	0	0	71
CRUSTACEANS:													
Shrimp, mud.....	4342	5214	4377	2566	2014	986	200	0	0	534	1632	3256	25121
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0	0	322	322
TOTAL	4342	5214	4377	2566	2014	986	200	0	0	605	1632	3578	25514

TABLE 11. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PACIFIC CITY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	20	10	0	0	72	183	37	128	11	0	0	0	461
Halibut, Pacific.....	0	0	0	0	0	0	283	41	0	0	0	0	324
Lingcod.....	2700	716	4448	340	1539	6831	3009	1233	34	128	0	0	20978
Rockfish, black.....	0	0	0	318	866	7044	3930	5049	0	0	0	0	17207
Rockfish, other sp....	95	58	379	483	763	2615	4488	3281	228	32	0	0	12422
Salmon, chinook.....	0	0	0	0	314	292	0	0	0	3045	0	0	3651
Tuna, albacore.....	0	0	0	0	0	0	0	2876	0	0	0	0	2876
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	0	210	0	0	210
Crab, Dungeness, ocean	0	0	0	0	74	1161	4312	5556	0	0	0	186	11289
Shrimp, ghost.....	45	14	77	29	81	109	67	39	152	166	59	47	885
TOTAL	2860	798	4904	1170	3709	18235	16126	18203	425	3581	59	233	70303

TABLE 11A. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT SALMON RIVER, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	0	0	150	134	223	210	0	0	717
Rockfish, black.....	0	0	0	0	0	0	0	42	41	85	0	0	168
Salmon, chinook.....	0	0	0	0	0	0	0	0	273	0	0	0	273
TOTAL	0	0	0	0	0	0	150	176	537	295	0	0	1158

TABLE 12. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT SILETZ BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	63	78	0	0	141
TOTAL	0	0	0	0	0	0	0	0	63	78	0	0	141

TABLE 13. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT DEPOE BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	32	54	183	4	92	101	5	0	0	0	471
Halibut, Pacific.....	0	0	0	0	0	0	950	79	0	0	0	0	1029
Lingcod.....	583	206	836	295	224	1560	769	2305	2094	2969	0	0	11841
Rockfish, black.....	0	787	225	20	90	4912	628	1191	460	152	0	0	8465
Rockfish, yellowtail..	0	0	0	0	199	331	0	0	0	405	0	0	935
Rockfish, other sp....	4613	5204	10514	4255	2422	626	357	525	70	580	0	0	29166
Sablefish.....	0	0	0	0	316	0	0	0	0	0	0	0	316
Salmon, chinook.....	0	0	0	0	514	947	0	0	266	85	0	0	1812
Tuna, albacore.....	0	0	0	0	0	0	0	345	0	0	0	0	345
Wolf-eel.....	0	0	0	0	0	0	5	25	0	0	0	0	30
CRUSTACEANS:													
Crab, Dungeness, ocean	15672	2151	4912	2226	3157	11581	13731	17052	0	0	0	21471	91953
OTHER INVERTEBRATES:													
Sea urchin, purple....	0	0	0	0	0	0	0	5994	9325	4650	380	2230	22579
Sea urchin, red.....	10420	2120	8190	0	1730	48338	15899	12845	12119	7946	1170	100	120877
TOTAL	31288	10468	24709	6850	8835	68299	32431	40462	24339	16787	1550	23801	289819

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	59	28	13	14	69	15	35	21	0	0	254
Cod, Pacific.....	11943	2950	256	1398	5241	12702	5847	12180	3989	3054	140	2	59702
Flounder, arrowtooth..	13959	5266	11543	22631	23815	33927	22222	33140	28515	17836	2265	602	215721
Flounder, starry.....	12	10	0	241	1167	2588	3079	1169	381	3169	575	0	12391
Greenling sp.....	0	3	57	12	18	20	65	70	51	17	0	0	313
Grenadier.....	0	0	0	1008	266	14084	48	494	80	173	0	0	16153
Halibut, Pacific.....	0	0	0	0	34	138	28134	4535	36651	0	0	0	69492
Herring, Pacific.....	0	7130	900	0	10	8	131	524	4	0	0	0	8707
Lingcod.....	83293	17332	32664	20838	33443	61596	77982	72570	45470	31132	3028	995	480343
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	10	0	0	10
Lord, red Irish.....	0	0	0	0	16	14	4	12	7	0	0	0	53
Mackerel.....	0	0	0	56	10266	71919	87673	84645	84096	241625	42581	0	622861
Ratfish.....	0	4	0	0	0	0	1	6	0	0	0	0	11
Pacific Ocean perch...	31100	20797	48060	22317	46625	46124	25058	39831	32283	20075	4644	3306	340220
Nominal POP.....	164265	113082	186913	94728	155728	135131	65774	74684	95835	33256	7430	14268	1141094
Rockfish, black.....	237	16	86	314	1192	937	225	6850	108	274	0	0	10239
Rockfish, widow.....	508432	420012	424665	289991	412747	479540	536799	440906	408993	434141	409312	5996	4771534
Rockfish, yellowtail..	330789	263275	300831	215227	209044	266921	200858	172627	88637	83924	26984	73	2159190
Rockfish, other sp....	135369	113032	187794	101700	125371	236619	139001	143456	118977	88092	27151	3020	1419582
Thornyhead sp.....	163549	154737	200920	191480	248005	283786	88323	90607	102964	75930	10761	2771	1613833
Sablefish.....	74207	58357	90744	120725	718907	364793	86568	92978	78248	62217	14736	0	1762480
Salmon, chinook.....	0	0	0	0	77193	72442	580	0	7565	29457	292	0	187529
Sanddab, Pacific.....	3638	1066	15112	25353	2856	1923	2	471	11	452	17	1274	52175
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	1	0	0	0	1
Sculpin, other sp....	0	0	2	4	0	20	39	14	14	5	0	0	98
Shad, American.....	0	0	0	0	6	44	23	3	10	18	2	0	106
Shark, blue.....	0	0	11	0	0	0	44	0	0	0	0	0	55
Shark, soupfin.....	234	90	113	0	0	299	34	45	0	0	27	0	842
Shark, spiny dogfish..	0	0	0	0	8	26	9	14	163	37091	7795	0	45106

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Skates and rays.....	200	70	73	0	0	0	43	28	124	36	0	0	574
Snailfish, blacktail..	0	0	0	0	0	38	0	0	0	0	0	0	38
Sole, curlfin (turbot)	464	0	0	0	0	0	895	0	0	0	63	0	1422
Sole, Dover.....	121665	85111	112739	199184	149199	190256	119080	131620	140159	127594	55006	10347	1441960
Sole, English.....	14556	6719	16578	11332	17646	40433	18765	20267	15425	24005	3197	581	189504
Sole, petrale.....	43597	12791	26495	8367	14860	30641	14338	16000	25484	15702	7084	9804	225163
Sole, rex.....	13736	8017	7104	5481	4932	10239	6913	8873	4311	7034	3784	516	80940
Sole, rock.....	0	0	0	6	2	0	76	86	0	0	2	0	172
Sole, sand.....	6	0	0	553	8484	13298	12429	7474	1911	24073	601	0	68829
Sturgeon, green.....	0	0	0	28	62	220	0	0	0	1305	326	0	1941
Sunfish, ocean.....	0	0	0	0	0	0	0	0	0	0	8	0	8
Surfperch sp.....	0	0	0	0	0	182	217	159	158	29	4	0	749
Tuna, albacore.....	0	0	0	0	0	35328	71833	1396619	804991	365737	20637	0	2695145
Whiting, Pac. (hake)..	0	0	0	720112	11110602	16460976	18423128	23291528	6102430	13916880	5884797	0	95910453
Wolf-eel.....	0	0	5	69	44	77	88	153	16	20	0	0	472
Wrymouth, giant.....	0	0	0	0	0	0	0	25	0	21	0	53	99
CRUSTACEANS:													
Crab, box.....	0	279	0	0	0	0	206	0	0	0	0	0	485
Crab, Dungeness, bay..	0	0	0	0	0	32	0	0	104	116	0	0	252
Crab, Dungeness, ocean	409267	131203	93464	36506	55005	100123	162916	120488	0	0	0	2236641	3345613
Crab, hermit.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Crab, kelp.....	0	0	2	0	0	0	0	0	22	0	0	0	24
Crab, rock.....	624	526	565	0	0	43	16	0	240	1215	345	70	3644
Crab, tanner.....	0	0	0	0	0	430	0	0	0	0	0	0	430
Shrimp, pink.....	0	0	0	457018	676874	336832	408165	590791	461318	249328	0	0	3180326
Shrimp, spot.....	0	0	0	40	0	0	0	0	0	0	0	0	40
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	202	0	0	0	0	0	649	851
Clams, gaper.....	0	0	0	0	0	0	50	600	133	245	328	0	1356
Clams, littleneck.....	0	0	0	0	0	0	0	0	0	0	6	0	6

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Clams, razor.....	0	0	22	25	163	0	0	52	0	0	0	0	262
Mussels, ocean.....	0	0	35	0	0	0	0	0	0	0	0	0	35
Octopus.....	359	27	154	35	153	103	90	15	67	149	0	0	1152
Scallops, weathervane	0	0	0	0	59670	0	0	0	0	0	0	0	59670
Squid.....	18	0	0	4	129	35660	23	25	106	127	5	0	36097
OTHER INVERTEBRATES:													
Sand dollars.....	0	0	0	0	60	22	0	0	0	0	0	0	82
Sea stars.....	0	0	192	0	39	4	0	0	192	1001	1013	655	3096
Sea urchin, red.....	0	0	0	0	0	5102	988	6122	1073	0	0	0	13285
TOTAL	2125519	1421902	1758158	2546811	14169897	19345856	20608851	26862771	8691352	15896586	6534946	2291623	122254272

TABLE 15. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT WALDPOR, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	14440	24164	3169	32	41805
Shrimp, ghost.....	4024	2929	4406	5421	5207	4513	5784	6783	8125	5782	2686	1895	57555
Shrimp, mud.....	67	44	72	57	19	0	0	0	0	0	2	65	326
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	200	0	0	0	0	0	1617	1824	3641
TOTAL	4091	2973	4478	5478	5426	4513	5784	6783	22565	29946	7474	3816	103327

TABLE 15A. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT YACHATS, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Mussels, ocean.....	2085	1732	2070	1395	2009	1388	0	1275	330	2550	1807	2565	19206
TOTAL	2085	1732	2070	1395	2009	1388	0	1275	330	2550	1807	2565	19206

TABLE 16. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT FLORENCE, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	8	0	0	0	0	0	0	8
Cod, Pacific.....	0	0	0	0	0	0	2	0	0	0	0	0	2
Flounder, arrowtooth..	0	0	0	0	101	26	0	0	0	0	0	0	127
Flounder, starry.....	0	0	0	0	116	440	480	287	0	0	0	0	1323
Halibut, Pacific.....	0	0	0	0	0	0	3826	450	0	0	0	0	4276
Lingcod.....	12	23	77	27	394	728	744	1050	214	108	0	0	3377
Nominal POP.....	0	0	35	171	0	6	6	0	0	48	0	0	266
Rockfish, black.....	0	0	0	0	0	0	0	55	10	0	0	0	65
Rockfish, widow.....	0	0	607	301	0	0	0	0	0	0	0	0	908
Rockfish, yellowtail..	1946	1707	12050	8144	3540	5962	731	240	39	4579	0	0	38938
Rockfish, other sp....	234	375	2187	2506	1582	3019	383	207	88	981	0	0	11562
Sablefish.....	0	0	0	176	196456	71874	152	0	0	0	0	0	268658
Salmon, chinook.....	0	0	0	0	1561	8766	0	0	2215	795	0	0	13337
Sanddab, Pacific.....	23833	22312	26430	20072	6289	19347	16964	32829	11321	12185	0	0	191582
Shad, American.....	0	0	0	21	0	0	0	0	0	0	0	0	21
Shark, spiny dogfish..	0	0	0	26	0	0	0	0	0	0	0	0	26
Skates and rays.....	0	0	165	64	0	0	18	0	0	0	0	0	247
Sole, curlfin (turbot)	0	0	0	0	0	0	385	0	0	0	0	0	385
Sole, Dover.....	0	0	0	0	905	197	123	123	0	0	0	0	1348
Sole, English.....	291	827	514	406	236	663	1050	939	577	831	0	0	6334
Sole, petrale.....	157	470	778	621	152	465	507	1693	523	443	0	0	5809
Sole, rex.....	0	74	6	0	0	82	356	295	0	0	0	0	813
Sole, rock.....	0	0	0	0	317	208	1352	1582	0	0	0	0	3459
Sole, sand.....	0	0	0	0	2068	3542	7323	1656	0	0	0	0	14589
Sturgeon, green.....	0	0	0	0	160	166	0	0	0	0	0	0	326
Tuna, albacore.....	0	0	0	0	0	0	1268	25505	14858	20108	0	0	61739
Wolf-eel.....	0	0	0	0	0	0	5	0	0	0	0	0	5

TABLE 16. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT FLORENCE, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	80	0	0	0	80
Crab, Dungeness, ocean	23197	5820	13196	5619	4876	11813	70138	66162	0	0	0	13124	213945
Shrimp, ghost.....	35	100	110	105	55	150	165	151	140	217	50	35	1313
Shrimp, pink.....	0	0	0	0	0	7556	0	0	5200	0	0	0	12756
MOLLUSKS:													
Mussels, ocean.....	0	0	30	175	0	25	0	0	0	0	0	0	230
TOTAL	49705	31708	56185	38434	218808	135043	105978	133224	35265	40295	50	13159	857854

TABLE 17. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT WINCHESTER BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Anchovy, northern.....	0	0	0	0	0	0	0	2000	0	0	0	0	2000
Halibut, Pacific.....	0	0	0	0	0	0	1140	0	0	0	0	0	1140
Herring, Pacific.....	0	0	0	0	0	0	1500	0	0	0	0	0	1500
Lingcod.....	290	296	189	603	973	434	5572	8882	0	97	0	0	17336
Rockfish, widow.....	0	0	24	0	0	0	0	0	0	0	0	0	24
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	0	13	0	13
Rockfish, other sp....	36	51	75	88	945	1293	795	423	26	124	112	0	3968
Thornyhead sp.....	0	0	0	0	48	0	0	0	0	0	0	0	48
Sablefish.....	0	0	0	0	4866	0	304	0	0	0	0	0	5170
Salmon, chinook.....	0	0	0	0	2407	6486	0	0	374	1569	0	0	10836
Shad, American.....	0	0	0	0	8004	14198	707	0	0	0	0	0	22909
Smelt, other sp.....	0	0	0	0	0	0	2150	0	0	0	0	0	2150
Sole, Dover.....	0	0	0	0	168	0	0	0	0	0	0	0	168
Tuna, albacore.....	0	0	0	0	0	0	128	53118	3508	0	0	0	56754
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	15130	7742	3139	0	26011
Crab, Dungeness, ocean	83949	12077	20588	6868	16795	18982	54886	28934	0	0	0	92580	335659
Shrimp, ghost.....	0	0	0	0	0	0	32	15	0	0	0	0	47
MOLLUSKS:													
Clams, softshell.....	390	624	576	356	672	588	444	644	878	174	1157	900	7403
TOTAL	84665	13048	21452	7915	34878	41981	67658	94016	19916	9706	4421	93480	493136

TABLE 18. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT CHARLESTON, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	35	0	0	104	148	313	0	0	22	104	726
Cod, Pacific.....	357	38	8	354	1550	5050	889	512	278	124	0	0	9160
Flounder, arrowtooth..	15545	10041	7062	14961	24669	22830	20171	12071	19313	18041	8792	30613	204109
Flounder, starry.....	0	0	0	0	914	2407	7899	3263	2207	0	0	0	16690
Grenadier.....	43453	36640	52142	66661	104643	165400	43165	78332	66138	42950	19695	2777	721996
Hagfish sp.....	0	0	5370	0	0	0	0	0	0	0	0	0	5370
Halibut, California...	0	0	0	0	0	0	21	14	0	0	0	0	35
Halibut, Pacific.....	0	0	0	0	0	0	908	0	28780	0	0	0	29688
Lingcod.....	21797	26707	34070	39920	41209	32526	20404	33461	36188	52273	12017	4717	355289
Mackerel.....	0	0	0	0	0	1571	300	224	0	0	0	0	2095
Pollock, walleye.....	0	0	0	0	0	0	0	20	0	0	0	0	20
Pacific Ocean perch...	1580	3167	0	0	0	5361	3038	2607	2889	2356	5	0	21003
Nominal POP.....	110141	56771	69543	68261	125082	55077	73554	51894	127900	131969	40947	16400	927539
Rockfish, black.....	0	0	0	321	244	741	414	668	97	0	0	0	2485
Rockfish, widow.....	187376	125741	134590	68453	119815	37970	114405	165521	152573	95155	90128	7416	1299143
Rockfish, yellowtail..	80089	54255	94151	74333	74077	42347	35704	45798	13756	37342	13335	6829	572016
Rockfish, other sp....	51752	65693	94607	81801	122483	72918	79309	52118	57820	126377	58432	77952	941262
Thornyhead sp.....	392817	277644	443264	400217	480377	400955	105156	118634	122285	143050	94343	11928	2990670
Sablefish.....	127473	85930	156322	180952	977011	402913	82590	136221	106904	99309	66597	0	2422222
Salmon, chinook.....	0	0	0	0	9277	8103	291	113	1006	3861	0	0	22651
Sanddab, Pacific.....	52897	23188	21264	7014	795	506	70	28936	42620	77146	212664	302574	769674
Shad, American.....	0	0	0	0	0	597	0	0	0	0	0	0	597
Shark, blue.....	0	0	0	0	0	0	0	29	0	0	0	0	29
Shark, soupfin.....	36	149	0	155	73	17	0	23	0	62	0	0	515
Shark, spiny dogfish..	0	0	0	0	0	0	0	29	0	0	0	292	321
Shark, other sp.....	0	0	0	0	0	0	0	53	24	0	0	0	77
Skates and rays.....	0	0	0	0	586	110	126	3457	862	646	293	1880	7960
Sole, curlfin (turbot)	0	0	0	0	208	235	328	1522	846	0	0	0	3139
Sole, Dover.....	412780	221116	305003	268576	293866	173397	186036	225502	257758	265340	154700	62738	2826812

TABLE 18. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT CHARLESTON, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, English.....	37084	19922	10211	12558	11531	7164	5770	12751	13872	12694	4856	29259	177672
Sole, petrale.....	122249	38195	16067	9588	15495	6226	1588	14793	11322	12568	25808	209881	483780
Sole, rex.....	19668	7604	5331	2463	7697	4245	3495	6643	9323	7525	5736	9983	89713
Sole, rock.....	0	0	0	2	43	0	442	2020	1356	10	4	0	3877
Sole, sand.....	240	32	0	0	3908	7879	19058	33641	22923	0	0	0	87681
Sturgeon, green.....	0	0	0	0	434	1116	51	73	192	0	0	0	1866
Sturgeon, white.....	0	0	0	0	201	41	0	0	0	0	0	0	242
Tuna, albacore.....	0	0	0	0	0	0	5738	341485	125872	54290	12529	0	539914
Whiting, Pac. (hake)..	0	0	6400	5135	145317	5776	102579	599306	2523	0	9038	0	876074
Wolf-eel.....	0	0	17	16	182	469	308	25	0	0	0	8	1025
Wrymouth, giant.....	0	0	0	20	32	0	22	0	11	0	0	0	85
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	9302	12839	5547	1518	29206
Crab, Dungeness, ocean	116532	14265	31357	14183	15939	17881	31307	41967	0	0	0	1271098	1554529
Shrimp, ghost.....	225	192	252	192	307	345	290	240	260	235	170	190	2898
Shrimp, pink.....	0	0	0	749670	867749	1427690	1048144	591710	606878	234343	0	0	5526184
Shrimp, Sidestripe....	0	0	0	7	0	0	0	0	0	0	0	0	7
Shrimp, spot.....	0	0	0	552	1931	0	0	0	0	0	0	0	2483
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	104	0	0	0	0	0	104
Clams, cockle.....	854	1412	868	1545	3273	1399	820	170	299	0	62	375	11077
Clams, gaper.....	0	0	0	0	0	0	760	0	0	0	25	0	785
Clams, littleneck.....	0	0	0	0	0	0	56	0	0	0	0	0	56
Octopus.....	0	13	0	20	189	310	100	0	0	0	0	0	632
Scallops, weathervane	24980	37503	31214	0	0	0	0	0	0	0	0	0	93697
Squid.....	0	0	0	0	0	0	31817	163479	0	0	0	0	195296
OTHER INVERTEBRATES:													
Sea urchin, purple....	0	0	0	0	0	0	0	122124	17395	25717	0	0	165236
Sea urchin, red.....	3348	0	0	3723	5211	9829	0	11427	1853	0	0	0	35391
TOTAL	1823273	1106218	1519148	2071653	3456318	2921505	2027375	2903189	1863625	1456222	835745	2048532	24032803

TABLE 19. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BANDON, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	450	70	0	0	0	0	520
Lingcod.....	0	0	0	0	88	223	15	45	0	0	0	0	371
Nominal POP.....	0	0	0	0	0	0	0	48	0	0	0	0	48
Rockfish, black.....	0	0	0	0	0	415	354	8	280	0	0	0	1057
Rockfish, other sp....	0	252	211	492	641	3464	1152	3420	289	883	0	0	10804
Sablefish.....	0	0	0	0	0	0	238	496	0	0	0	0	734
Salmon, chinook.....	0	0	0	0	1352	3719	0	0	127	74	0	0	5272
Tuna, albacore.....	0	0	0	0	0	0	0	3571	5703	0	0	0	9274
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	263	517	119	0	899
MOLLUSKS:													
Clams, softshell.....	0	0	20	25	0	0	0	0	0	0	0	0	45
Mussels, ocean.....	0	0	0	0	0	0	0	0	100	293	54	0	447
TOTAL	0	252	231	517	2081	7821	2209	7658	6762	1767	173	0	29471

TABLE 20. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PORT ORFORD, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	185	14	33	64	264	1489	1332	3506	2510	2214	715	400	12726
Flounder, arrowtooth..	0	0	0	0	93	34	0	0	0	0	0	0	127
Greenling sp.....	0	0	0	0	0	0	39	0	0	0	0	0	39
Halibut, Pacific.....	0	0	0	0	0	0	3090	0	0	0	0	0	3090
Lingcod.....	5009	3442	4898	3420	7146	7093	2305	8741	6131	4932	3101	943	57161
Pacific Ocean perch...	0	0	0	0	2231	210	0	0	0	4	0	0	2445
Nominal POP.....	0	0	0	0	0	0	1	0	0	0	0	0	1
Rockfish, black.....	825	236	2104	2968	22011	20416	13964	27025	11785	10844	3282	2112	117572
Rockfish, widow.....	3	0	0	0	103	0	0	0	1714	0	0	0	1820
Rockfish, yellowtail..	2271	2036	10229	8979	5272	9417	2027	11987	1611	1727	334	36	55926
Rockfish, other sp....	27707	18315	39122	32612	23627	24518	13208	55561	12997	7280	4193	1371	260511
Thornyhead sp.....	0	0	0	0	9	0	0	0	0	0	0	0	9
Sablefish.....	0	0	0	0	378705	119471	295	0	199	2820	3639	0	505129
Salmon, chinook.....	0	0	0	0	0	1429	0	304	90	21227	6885	0	29935
Shark, soupfin.....	34	0	0	0	0	0	0	0	0	0	0	25	59
Sole, Dover.....	0	0	0	0	9	27	0	0	0	0	0	4	40
Sole, petrale.....	0	0	0	0	0	8	0	5	0	0	0	0	13
Sole, rock.....	0	0	0	0	0	0	0	0	0	15	0	0	15
Sole, sand.....	0	0	0	0	0	7	0	0	0	0	0	0	7
Tuna, albacore.....	0	0	0	0	0	0	0	66479	10897	0	0	0	77376
Wolf-eel.....	0	0	30	6	0	93	51	225	52	49	9	0	515
CRUSTACEANS:													
Crab, Dungeness, ocean	43902	11465	19102	8746	5845	2557	3446	8389	0	0	0	324091	427543
Crab, rock.....	0	0	39	0	0	0	0	0	0	0	0	0	39
Shrimp, pink.....	0	0	0	5916	11619	8241	13083	8600	5639	0	0	0	53098
MOLLUSKS:													
Mussels, ocean.....	0	0	0	0	0	0	0	0	91	0	0	0	91
Octopus.....	234	34	62	0	41	0	0	88	0	0	0	13	472

TABLE 20. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PORT ORFORD, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
OTHER INVERTEBRATES:													
Sea cucumber.....	0	0	0	0	218	5849	3227	1120	0	0	0	0	10414
Sea urchin, purple....	0	0	0	0	0	0	0	1929	1968	4533	864	0	9294
Sea urchin, red.....	149316	166477	213709	123573	34657	5935	23735	19232	101746	87066	89387	42595	1057428
TOTAL	229486	202019	289328	186284	491850	206794	79803	213191	157430	142711	112409	371590	2682895

TABLE 21. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GOLD BEACH, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	86	0	0	0	0	0	0	86
Halibut, Pacific.....	0	0	0	0	0	0	113	0	0	0	0	0	113
Lingcod.....	0	0	0	0	0	159	4	21	174	0	0	0	358
Nominal POP.....	0	0	0	0	0	41	0	0	0	0	0	0	41
Rockfish, black.....	0	0	0	0	163	125	74	0	9	0	0	0	371
Rockfish, widow.....	0	0	0	0	0	0	0	0	52	0	0	0	52
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	98	0	0	0	98
Rockfish, other sp....	0	0	0	0	0	723	2	7	590	0	0	0	1322
Sablefish.....	0	0	0	0	0	242	0	0	0	0	0	0	242
Salmon, chinook.....	0	0	0	0	0	51	0	1598	0	0	0	0	1649
Surfperch sp.....	0	0	0	53	0	0	0	0	0	0	0	0	53
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	69	0	0	0	69
Crab, Dungeness, ocean	0	0	0	63	0	0	298	0	0	0	0	0	361
OTHER INVERTEBRATES:													
Sea cucumber.....	0	0	0	0	0	0	46	74	0	0	0	0	120
Sea urchin, red.....	15665	9075	6744	38450	100910	74653	123177	53411	59314	0	6628	16626	504653
TOTAL	15665	9075	6744	38566	101073	76080	123714	55111	60306	0	6628	16626	509588

TABLE 22. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BROOKINGS, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	71	0	25	37	6	42	14	0	0	0	195
Flounder, arrowtooth..	2376	3035	4097	1728	3606	3606	2960	2978	2623	3483	1683	627	32802
Flounder, starry.....	8	0	31	0	0	0	0	211	0	0	0	0	250
Greenling sp.....	0	0	6	0	0	0	0	22	0	0	0	0	28
Grenadier.....	735	3646	10888	1886	29098	23361	4231	4450	8173	7196	1479	643	95786
Halibut, California...	0	0	35	0	0	0	0	0	0	0	0	0	35
Halibut, Pacific.....	0	0	0	0	0	0	5552	0	0	0	0	0	5552
Lingcod.....	1258	2800	21539	6564	28705	20510	13568	28848	23091	23257	245	387	170772
Nominal POP.....	2208	3889	18342	9347	25335	23324	8187	32253	17410	16413	1078	194	157980
Rockfish, black.....	0	0	0	184	1662	5983	9190	4949	1808	1246	0	0	25022
Rockfish, widow.....	29573	34399	52325	94711	126213	63454	77895	91770	33228	43765	29955	0	677288
Rockfish, yellowtail..	0	8221	17221	8684	31505	20290	1798	2436	6409	8144	74	0	104782
Rockfish, other sp....	3157	11533	20470	14169	13381	26960	27090	15071	5512	10813	234	287	148677
Thornyhead sp.....	30922	103565	109312	68189	141238	120576	60910	60095	45920	60019	24139	1771	826656
Sablefish.....	14686	37042	52484	40628	401091	180554	43685	42308	30868	43606	17328	0	904280
Salmon, chinook.....	0	0	0	0	2908	0	1255	1325	0	17352	0	0	22840
Sanddab, Pacific.....	5009	20	12980	1923	7130	1895	686	3556	3380	1608	0	0	38187
Shark, blue.....	0	0	0	0	0	0	0	53	0	0	0	0	53
Shark, soupfin.....	0	0	0	0	51	71	0	12	0	56	0	0	190
Sole, curlfin (turbot)	0	0	58	0	0	0	0	0	0	0	0	0	58
Sole, Dover.....	54283	74443	78549	72213	98588	86813	90630	89829	80141	98672	41822	9386	875369
Sole, English.....	892	1086	4969	1759	7095	9577	847	3676	2706	2158	19	99	34883
Sole, petrale.....	64493	32634	16113	7276	23790	13272	9860	25925	20281	20673	54	20927	255298
Sole, rex.....	4088	5438	12582	3186	4199	4684	1777	3739	2820	5259	1015	947	49734
Sole, rock.....	0	0	109	0	0	0	0	0	0	0	0	0	109
Sole, sand.....	1486	0	379	0	75	0	1	608	0	0	0	0	2549
Surfperch sp.....	0	68	74	214	0	0	59	0	0	0	0	0	415
Tuna, albacore.....	0	0	0	0	0	0	0	39917	116511	54590	2337	0	213355
Wolf-eel.....	0	0	0	9	0	50	14	10	0	0	0	0	83

TABLE 22. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BROOKINGS, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, ocean	134653	31833	19398	6408	3095	2085	3316	1683	0	0	0	990216	1192687
Shrimp, pink.....	0	0	0	409972	615973	1636578	302319	831702	683917	269297	0	0	4749758
Shrimp, Sidestripe....	0	0	0	0	0	0	0	16	0	0	0	0	16
Shrimp, spot.....	0	0	0	0	0	24	101	40	0	95	0	0	260
MOLLUSKS:													
Octopus.....	149	0	135	74	300	49	30	130	20	37	0	84	1008
Scallops, rock.....	0	0	0	0	0	0	0	126	0	0	0	0	126
OTHER INVERTEBRATES:													
Sea urchin, red.....	0	1536	6759	990	8618	2845	7654	11999	5457	6676	3506	1924	57964
TOTAL	349976	355188	458926	750114	1573681	2246598	673621	1299779	1090289	694415	124968	1027492	10645047

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994.

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
FISH:										
Anchovy, northern.....	0	0	0	0	0	0	0	0	0	0
Cabazon.....	12	0	0	0	0	0	0	0	0	0
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	0
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	0
Flounder, starry.....	0	0	0	0	27	0	0	0	0	0
Greenling sp.....	0	0	0	0	0	0	0	0	0	0
Grenadier.....	0	0	0	0	0	0	0	0	0	0
Hagfish sp.....	0	0	0	0	0	0	0	0	0	0
Halibut, California...	0	0	0	0	0	0	0	0	0	0
Halibut, Pacific.....	0	0	0	0	0	0	0	0	0	0
Herring, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	11925	0	0	0	0	0	0	0	0	0
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	0
Lord, red Irish.....	0	0	0	0	0	0	0	0	0	0
Mackerel.....	0	0	0	0	0	0	0	0	0	0
Pollock, walleye.....	0	0	0	0	0	0	0	0	0	0
Ratfish.....	0	0	0	0	0	0	0	0	0	0
Pacific Ocean perch...	0	0	0	0	0	0	0	0	0	0
Nominal POP.....	0	0	0	0	0	0	0	0	0	0
Rockfish, black.....	1011	0	0	0	0	0	0	0	0	0
Rockfish, widow.....	135	0	0	0	0	0	0	0	0	0
Rockfish, yellowtail..	8493	0	0	0	0	0	0	0	0	0
Rockfish, other sp....	37531	0	0	0	0	0	0	0	0	0
Thornyhead sp.....	0	0	0	0	0	0	0	0	0	0
Sablefish.....	43	0	0	0	0	0	0	0	0	0
Salmon, chinook.....	330051	0	0	0	47122	340805	0	2781	0	0
Salmon, chum.....	0	0	0	0	186	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
Salmon, coho.....	0	0	0	0	482925	5914	0	47	0	0
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	0
Sardine, Pacific.....	0	0	0	0	0	0	0	0	0	0
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	0
Sculpin, other sp.....	0	0	0	0	0	0	0	0	0	0
Shad, American.....	0	0	22909	0	154265	270	0	30005	0	0
Shark, blue.....	53	0	0	0	0	0	0	0	0	0
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	0
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	0
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	0
Shark, other sp.....	24	0	0	0	0	0	0	0	0	0
Skates and rays.....	0	0	0	0	0	0	0	0	0	0
Smelt (eulachon).....	0	0	0	0	210	0	0	0	0	0
Smelt, other sp.....	0	0	0	0	0	0	0	0	0	0
Snailfish, blacktail..	0	0	0	0	0	0	0	0	0	0
Sole, butter.....	0	0	0	0	0	0	0	0	0	0
Sole, curlfin (turbot)	0	0	0	0	0	0	0	0	0	0
Sole, Dover.....	0	0	0	0	0	0	0	0	0	0
Sole, English.....	0	0	0	0	0	0	0	0	0	0
Sole, flathead.....	0	0	0	0	0	0	0	0	0	0
Sole, petrale.....	9	0	0	0	0	0	0	0	0	0
Sole, rex.....	0	0	0	0	0	0	0	0	0	0
Sole, rock.....	0	0	0	0	0	0	0	0	0	0
Sole, sand.....	0	0	0	0	0	0	0	0	0	0
Steelhead.....	0	0	0	0	0	73377	0	1905	0	0
Sturgeon, green.....	0	0	0	0	1919	0	0	0	0	0
Sturgeon, white.....	0	0	0	0	95041	43681	2983	0	0	0
Sturgeon, white - eggs	0	0	0	0	0	9	52	0	0	0
Sunfish, ocean.....	0	0	0	0	0	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
Surfperch sp.....	0	0	0	0	0	0	0	0	0	0
Tuna, albacore.....	4697740	0	0	0	0	0	0	0	0	0
Walleye.....	0	0	0	0	0	2215	0	0	0	0
Whiting, Pac. (hake)..	0	0	0	0	0	0	0	0	0	0
Wolf-eel.....	0	0	0	0	0	0	0	0	0	0
Wrymouth, giant.....	0	0	0	0	0	0	0	0	0	0
CRUSTACEANS:										
Crab, box.....	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, ocean	0	0	0	0	0	0	0	0	0	0
Crab, hermit.....	0	0	0	0	0	0	0	0	0	0
Crab, kelp.....	0	0	0	0	0	0	0	0	0	0
Crab, rock.....	0	0	0	0	0	0	0	0	0	0
Crab, tanner.....	0	0	0	0	0	0	0	0	0	0
Crayfish.....	0	0	0	0	0	0	0	0	0	0
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0
Shrimp, ghost.....	0	0	0	0	0	0	0	0	0	0
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0
Shrimp, pink.....	0	0	0	0	0	0	0	0	0	0
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	0	0
Shrimp, spot.....	0	0	0	0	0	0	0	0	0	0
MOLLUSKS:										
Clams, butter.....	0	0	0	0	0	0	0	0	0	0
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0
Clams, gaper.....	0	0	0	0	0	0	0	0	0	0
Clams, littleneck.....	0	0	0	0	0	0	0	0	0	0
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0
Clams, razor.....	0	0	0	0	0	0	0	0	0	0
Mussels, ocean.....	0	0	0	0	0	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
Mussels, freshwater...	0	0	0	0	0	0	0	0	0	0
Octopus.....	0	0	0	0	0	0	0	0	0	0
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0
Scallops, weathervane	0	0	0	0	0	0	0	0	0	0
Snails & chitons.....	0	0	0	0	0	0	0	0	0	0
Squid.....	0	0	0	0	0	0	0	0	0	0
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	0	0	0	0
Sea cucumber.....	0	0	0	0	0	0	0	0	0	0
Sea stars.....	0	0	0	0	0	0	0	0	0	0
Sea urchin, purple....	0	0	0	0	0	0	0	0	0	0
Sea urchin, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	5087027	0	22909	0	781695	466271	3035	34738	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
FISH:										
Anchovy, northern....	0	0	0	0	0	0	0	0	0	0
Cabezon.....	0	2724	0	11324	1268	2	0	0	0	0
Cod, Pacific.....	18	81	0	2	368906	1610	5436	0	0	0
Flounder, arrowtooth.	688	758	0	0	3786784	218	5187	0	0	0
Flounder, starry.....	0	0	0	12	138420	0	3	0	0	0
Greenling sp.....	0	2	0	360	37	0	0	0	0	0
Grenadier.....	0	0	0	0	879490	0	0	0	0	0
Hagfish sp.....	5370	0	0	0	0	0	0	0	0	0
Halibut, California..	0	0	0	0	70	0	0	0	0	0
Halibut, Pacific.....	0	534849	0	4852	296	0	0	0	0	0
Herring, Pacific.....	0	0	0	981	0	6829	0	0	0	0
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	337	27042	0	268972	1523319	790	65583	0	0	0
Lord, brown Irish....	0	0	0	10	0	0	0	0	0	0
Lord, red Irish.....	0	0	0	53	0	0	0	0	0	0
Mackerel.....	0	0	0	6	11426	990708	0	0	0	0
Pollock, walleye....	0	0	0	0	20	13	0	0	0	0
Ratfish.....	0	6	0	0	0	1	0	0	0	0
Pacific Ocean perch..	110	2372	0	0	1186171	24498	442	0	0	0
Nominal POP.....	164	2612	0	8340	3185265	46852	13687	0	0	0
Rockfish, black.....	31	9644	0	170717	26686	0	140	0	0	0
Rockfish, widow.....	0	387	0	15882	5771644	3929294	10914	0	0	0
Rockfish, yellowtail.	190	30301	0	258579	5778463	587891	211920	0	0	0
Rockfish, other sp...	10931	198022	0	489622	4037438	26045	208919	0	0	0
Thornyhead sp.....	1596	6448	0	0	8905149	22	2714	0	0	0
Sablefish.....	2645934	1973663	0	9038	4293372	71276	43748	0	0	0
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	0
Salmon, chum.....	0	0	0	0	0	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Salmon, coho.....	0	0	0	0	0	0	0	0	0	0
Sanddab, Pacific.....	0	0	0	0	1138484	2	1190	0	0	0
Sardine, Pacific.....	0	0	0	0	0	44	0	0	0	0
Sculpin, buffalo.....	0	0	0	1	0	0	0	0	0	0
Sculpin, other sp....	0	0	0	77	0	0	0	0	0	0
Shad, American.....	0	0	0	0	3248	48771	0	0	0	0
Shark, blue.....	0	44	0	17	0	0	23	0	0	0
Shark, sixgill.....	0	0	0	0	150	0	0	0	0	0
Shark, soupfin.....	0	59	0	24	2438	6	240	0	0	0
Shark, spiny dogfish.	0	0	0	5	97981	54842	10	0	0	0
Shark, other sp.....	0	0	0	0	0	53	0	0	0	0
Skates and rays.....	0	10	0	0	17695	353	0	0	0	0
Smelt (eulachon).....	0	0	0	0	0	0	0	0	0	0
Smelt, other sp.....	0	0	0	0	0	0	0	0	0	0
Snailfish, blacktail.	0	0	0	0	0	38	0	0	0	0
Sole, butter.....	0	0	0	0	1936	0	0	0	0	0
Sole, curlfin (turbot)	0	0	0	0	5928	0	0	0	0	0
Sole, Dover.....	2131	350	0	0	8479200	15	52075	0	0	0
Sole, English.....	0	1	0	0	788258	21	1280	0	0	0
Sole, flathead.....	0	0	0	0	6857	2	789	0	0	0
Sole, petrale.....	0	59	0	11	1351967	0	5344	0	0	0
Sole, rex.....	0	7	0	0	481266	3	2458	0	0	0
Sole, rock.....	0	0	0	17	8400	0	0	0	0	0
Sole, sand.....	0	10	0	0	411003	0	22	0	0	0
Steelhead.....	0	0	0	0	0	0	0	0	0	0
Sturgeon, green.....	0	0	0	0	5021	0	0	0	0	0
Sturgeon, white.....	0	0	0	0	320	0	0	0	0	0
Sturgeon, white - egg	0	0	0	0	0	0	0	0	0	0
Sunfish, ocean.....	0	0	0	0	0	21	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Surfperch sp.....	0	0	0	1217	81	0	0	0	0	0
Tuna, albacore.....	0	0	0	0	0	0	0	0	0	0
Walleye.....	0	0	0	0	0	0	0	0	0	0
Whiting, Pac. (hake).	0	0	0	0	57936	143504157	1170	0	0	0
Wolf-eel.....	0	231	0	346	1684	0	83	0	0	0
Wrymouth, giant.....	0	0	0	0	474	0	29	0	0	0
CRUSTACEANS:										
Crab, box.....	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, bay.	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, ocea	0	0	0	0	0	7	0	0	0	0
Crab, hermit.....	0	0	0	0	0	0	0	0	0	0
Crab, kelp.....	0	0	0	0	0	0	0	0	0	0
Crab, rock.....	0	0	0	0	0	18	0	0	0	0
Crab, tanner.....	0	0	0	0	430	0	0	0	0	0
Crayfish.....	0	0	0	0	0	0	0	0	0	0
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0
Shrimp, ghost.....	0	0	0	0	0	0	0	0	0	0
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0
Shrimp, pink.....	0	0	0	0	0	0	16386022	0	0	0
Shrimp, Sidestripe...	0	0	0	0	0	0	23	0	0	0
Shrimp, spot.....	0	0	0	0	36	0	44585	0	0	20398
MOLLUSKS:										
Clams, butter.....	0	0	0	0	0	0	0	0	0	0
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0
Clams, gaper.....	0	0	0	0	0	0	0	0	0	0
Clams, littleneck....	0	0	0	0	0	0	0	0	0	0
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0
Clams, razor.....	0	0	0	0	0	0	0	0	0	0
Mussels, ocean.....	0	0	0	0	0	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH	BOTTOM	PELAGIC	OTHER	GROUND FISH	MIDWATER	SHRIMP	SQUID	OCEAN	SHRIMP
	POT	LONGLINE	LONGLINE	HOOK&LINE	TRAWL	TRAWL	TRAWL	NET	GILLNET	POT
Mussels, freshwater..	0	0	0	0	0	0	0	0	0	0
Octopus.....	0	92	0	0	6120	0	780	0	0	0
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0
Scallops, weathervane	0	0	0	0	0	0	0	0	0	0
Snails & chitons.....	92	0	0	0	0	0	0	0	0	0
Squid.....	0	0	0	0	964	1343	0	230696	0	0
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	0	0	0	0
Sea cucumber.....	0	0	0	0	0	0	0	0	0	0
Sea stars.....	0	0	0	5	0	0	0	0	0	0
Sea urchin, purple...	0	0	0	0	0	0	0	0	0	0
Sea urchin, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	2667592	2789774	0	1240470	52762101	149295745	17064816	230696	0	20398

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM OR SHOVEL RAKE	CLAM OR PUMP JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
FISH:										
Anchovy, northern.....	0	0	0	0	2000	0	0	0	0	2000
Cabazon.....	165	0	0	0	0	0	0	0	0	15495
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	376053
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	3793635
Flounder, starry.....	4	0	0	0	0	0	0	0	0	138466
Greenling sp.....	0	0	0	0	0	0	0	0	0	399
Grenadier.....	0	0	0	0	0	0	0	0	0	879490
Hagfish sp.....	0	0	0	0	0	0	0	0	0	5370
Halibut, California...	0	0	0	0	0	0	0	0	0	70
Halibut, Pacific.....	0	0	0	0	0	0	0	0	0	539997
Herring, Pacific.....	0	0	0	0	0	0	0	8549	0	16359
Lamprey, Pacific.....	0	0	0	0	14260	0	0	0	0	14260
Lingcod.....	219	0	0	0	0	52	0	0	0	1898239
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	10
Lord, red Irish.....	0	0	0	0	0	0	0	0	0	53
Mackerel.....	0	0	0	0	0	0	0	0	0	1002140
Pollock, walleye.....	0	0	0	0	0	0	0	0	0	33
Ratfish.....	4	0	0	0	0	0	0	0	0	11
Pacific Ocean perch...	0	0	0	0	0	0	0	0	0	1213593
Nominal POP.....	0	0	0	0	0	0	0	0	0	3256920
Rockfish, black.....	9	0	0	0	0	0	0	0	0	208238
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	9728256
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	6875837
Rockfish, other sp....	498	0	0	0	0	8	0	0	0	5009014
Thornyhead sp.....	0	0	0	0	0	0	0	0	0	8915929
Sablefish.....	646	0	0	0	0	0	0	0	0	9037720
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	720759
Salmon, chum.....	0	0	0	0	0	0	0	0	0	186

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM SHOVEL OR RAKE	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
Salmon, coho.....	0	0	0	0	0	0	0	0	0	488886
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	1139676
Sardine, Pacific.....	0	0	0	0	0	0	0	0	0	44
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	1
Sculpin, other sp.....	21	0	0	0	0	0	0	0	0	98
Shad, American.....	0	0	0	0	0	0	0	0	0	259468
Shark, blue.....	0	0	0	0	0	0	0	0	0	137
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	150
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	2767
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	152838
Shark, other sp.....	0	0	0	0	0	0	0	0	0	77
Skates and rays.....	0	0	0	0	0	0	0	0	0	18058
Smelt (eulachon).....	0	0	0	0	0	0	0	0	0	210
Smelt, other sp.....	0	0	0	0	0	0	0	2150	0	2150
Snailfish, blacktail..	0	0	0	0	0	0	0	0	0	38
Sole, butter.....	0	0	0	0	0	0	0	0	0	1936
Sole, curlfin (turbot)	0	0	0	0	0	0	0	0	0	5928
Sole, Dover.....	0	0	0	0	0	0	0	0	0	8533771
Sole, English.....	0	0	0	0	0	48	0	0	0	789608
Sole, flathead.....	0	0	0	0	0	0	0	0	0	7648
Sole, petrale.....	0	0	0	0	0	22	0	0	0	1357412
Sole, rex.....	0	0	0	0	0	0	0	0	0	483734
Sole, rock.....	0	0	0	0	0	0	0	0	0	8417
Sole, sand.....	0	0	0	0	0	240	0	0	0	411275
Steelhead.....	0	0	0	0	0	0	0	0	0	75282
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	6940
Sturgeon, white.....	0	0	0	0	0	0	0	0	0	142025
Sturgeon, white - eggs	0	0	0	0	0	0	0	0	0	61
Sunfish, ocean.....	0	0	0	0	0	0	0	0	0	21

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM SHOVEL OR RAKE	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
Surfperch sp.....	0	0	0	0	0	0	0	0	0	1298
Tuna, albacore.....	0	0	0	0	0	0	0	0	0	4697740
Walleye.....	0	0	0	0	0	0	0	0	0	2215
Whiting, Pac. (hake)..	0	0	0	0	0	0	0	0	0	143563263
Wolf-eel.....	679	0	0	0	0	0	0	0	0	3023
Wrymouth, giant.....	0	0	0	0	0	0	0	0	0	503
CRUSTACEANS:										
Crab, box.....	3449	0	0	0	0	0	0	0	0	3449
Crab, Dungeness, bay..	0	98673	0	0	0	0	0	0	0	98673
Crab, Dungeness, ocean	10539406	0	0	0	0	0	0	0	0	10539413
Crab, hermit.....	2	0	0	0	0	0	0	0	0	2
Crab, kelp.....	0	1	0	0	23	0	0	0	0	24
Crab, rock.....	39	3626	0	0	0	0	0	0	0	3683
Crab, tanner.....	6210	0	0	0	0	0	0	0	0	6640
Crayfish.....	0	0	0	0	0	0	0	0	61631	61631
Shrimp, brine.....	0	0	0	0	41000	0	0	0	0	41000
Shrimp, ghost.....	0	0	0	0	0	0	65119	0	0	65119
Shrimp, mud.....	0	0	0	0	0	0	25447	0	0	25447
Shrimp, pink.....	0	0	0	0	0	0	0	0	0	16386022
Shrimp, sidestripe....	0	0	0	0	0	0	0	0	0	23
Shrimp, spot.....	0	0	0	0	0	0	0	0	0	65019
MOLLUSKS:										
Clams, butter.....	0	0	104	0	1857	0	0	0	0	1961
Clams, cockle.....	2	0	10361	0	152932	0	0	0	0	163295
Clams, gaper.....	0	0	810	0	1336	0	0	0	0	2146
Clams, littleneck.....	0	0	56	0	6028	0	0	0	0	6084
Clams, softshell.....	0	0	7448	0	0	0	0	0	0	7448
Clams, razor.....	0	0	19116	0	0	0	0	0	0	19116
Mussels, ocean.....	0	0	0	0	20009	0	0	0	0	20009

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM SHOVEL OR RAKE	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
Mussels, freshwater...	0	0	0	0	13999	0	0	0	0	13999
Octopus.....	2495	10	0	0	10	0	0	0	0	9507
Scallops, rock.....	0	0	0	0	126	0	0	0	0	126
Scallops, weathervane	0	0	0	0	0	153855	0	0	0	153855
Snails & chitons.....	0	0	0	0	0	0	0	0	0	92
Squid.....	0	0	0	0	0	0	0	0	0	233003
OTHER INVERTEBRATES:										
Sand dollars.....	82	0	0	0	0	0	0	0	0	82
Sea cucumber.....	0	0	0	0	10534	0	0	0	0	10534
Sea stars.....	4	0	0	0	3087	0	0	0	0	3096
Sea urchin, purple....	0	0	0	0	197109	0	0	0	0	197109
Sea urchin, red.....	0	0	0	0	1789598	0	0	0	0	1789598
TOTAL	10553934	102310	37895	0	2253908	154225	90566	10699	61631	245732435

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994.

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
FISH:										
Anchovy, northern.....	0	0	0	0	0	0	0	0	0	0
Cabazon.....	5	0	0	0	0	0	0	0	0	0
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	0
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	0
Flounder, starry.....	0	0	0	0	10	0	0	0	0	0
Greenling sp.....	0	0	0	0	0	0	0	0	0	0
Grenadier.....	0	0	0	0	0	0	0	0	0	0
Hagfish sp.....	0	0	0	0	0	0	0	0	0	0
Halibut, California...	0	0	0	0	0	0	0	0	0	0
Halibut, Pacific.....	0	0	0	0	0	0	0	0	0	0
Herring, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	6404	0	0	0	0	0	0	0	0	0
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	0
Lord, red Irish.....	0	0	0	0	0	0	0	0	0	0
Mackerel.....	0	0	0	0	0	0	0	0	0	0
Pollock, walleye.....	0	0	0	0	0	0	0	0	0	0
Ratfish.....	0	0	0	0	0	0	0	0	0	0
Pacific Ocean perch...	0	0	0	0	0	0	0	0	0	0
Nominal POP.....	0	0	0	0	0	0	0	0	0	0
Rockfish, black.....	476	0	0	0	0	0	0	0	0	0
Rockfish, widow.....	47	0	0	0	0	0	0	0	0	0
Rockfish, yellowtail..	3111	0	0	0	0	0	0	0	0	0
Rockfish, other sp....	15171	0	0	0	0	0	0	0	0	0
Thornyhead sp.....	0	0	0	0	0	0	0	0	0	0
Sablefish.....	57	0	0	0	0	0	0	0	0	0
Salmon, chinook.....	689517	0	0	0	89790	238766	0	1291	0	0
Salmon, chum.....	0	0	0	0	48	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
Salmon, coho.....	0	0	0	0	400622	2943	0	29	0	0
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	0
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	0
Sculpin, other sp.....	0	0	0	0	0	0	0	0	0	0
Shad, American.....	0	0	7868	0	32072	60	0	5786	0	0
Shark, blue.....	27	0	0	0	0	0	0	0	0	0
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	0
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	0
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	0
Shark, other sp.....	20	0	0	0	0	0	0	0	0	0
Skates and rays.....	0	0	0	0	0	0	0	0	0	0
Smelt (eulachon).....	0	0	0	0	223	0	0	0	0	0
Smelt, other sp.....	0	0	0	0	0	0	0	0	0	0
Sole, butter.....	0	0	0	0	0	0	0	0	0	0
Sole, curlfin (turbot)	0	0	0	0	0	0	0	0	0	0
Sole, Dover.....	0	0	0	0	0	0	0	0	0	0
Sole, English.....	0	0	0	0	0	0	0	0	0	0
Sole, flathead.....	0	0	0	0	0	0	0	0	0	0
Sole, petrale.....	7	0	0	0	0	0	0	0	0	0
Sole, rex.....	0	0	0	0	0	0	0	0	0	0
Sole, rock.....	0	0	0	0	0	0	0	0	0	0
Sole, sand.....	0	0	0	0	0	0	0	0	0	0
Steelhead.....	0	0	0	0	0	35970	0	884	0	0
Sturgeon, green.....	0	0	0	0	632	0	0	0	0	0
Sturgeon, white.....	0	0	0	0	119043	62890	6008	0	0	0
Sturgeon, white - eggs	0	0	0	0	0	225	520	0	0	0
Surfperch sp.....	0	0	0	0	0	0	0	0	0	0
Tuna, albacore.....	3749088	0	0	0	0	0	0	0	0	0
Walleye.....	0	0	0	0	0	1857	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
Whiting, Pac. (hake)..	0	0	0	0	0	0	0	0	0	0
Wolf-eel.....	0	0	0	0	0	0	0	0	0	0
Wrymouth, giant.....	0	0	0	0	0	0	0	0	0	0
CRUSTACEANS:										
Crab, box.....	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, ocean	0	0	0	0	0	0	0	0	0	0
Crab, hermit.....	0	0	0	0	0	0	0	0	0	0
Crab, kelp.....	0	0	0	0	0	0	0	0	0	0
Crab, rock.....	0	0	0	0	0	0	0	0	0	0
Crab, tanner.....	0	0	0	0	0	0	0	0	0	0
Crayfish.....	0	0	0	0	0	0	0	0	0	0
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0
Shrimp, ghost.....	0	0	0	0	0	0	0	0	0	0
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0
Shrimp, pink.....	0	0	0	0	0	0	0	0	0	0
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	0	0
Shrimp, spot.....	0	0	0	0	0	0	0	0	0	0
MOLLUSKS:										
Clams, butter.....	0	0	0	0	0	0	0	0	0	0
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0
Clams, gaper.....	0	0	0	0	0	0	0	0	0	0
Clams, littleneck.....	0	0	0	0	0	0	0	0	0	0
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0
Clams, razor.....	0	0	0	0	0	0	0	0	0	0
Mussels, ocean.....	0	0	0	0	0	0	0	0	0	0
Mussels, freshwater...	0	0	0	0	0	0	0	0	0	0
Octopus.....	0	0	0	0	0	0	0	0	0	0
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0
Scallops, weathervane	0	0	0	0	0	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	OCEAN TROLL	TUNA BAITBOAT	COASTAL GILLNET	COASTAL SETNET	COL. R. GILLNET	COL. R. SETNET	COL. R. SETLINE	COL. R. DIPNET	COL. R. HOOK&LINE	SMELT TRAWL
Squid.....	0	0	0	0	0	0	0	0	0	0
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	0	0	0	0
Sea cucumber.....	0	0	0	0	0	0	0	0	0	0
Sea stars.....	0	0	0	0	0	0	0	0	0	0
Sea urchin, purple....	0	0	0	0	0	0	0	0	0	0
Sea urchin, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	4463930	0	7868	0	642440	342711	6528	7990	0	-0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
FISH:										
Anchovy, northern....	0	0	0	0	0	0	0	0	0	0
Cabezon.....	0	661	0	4128	375	0	0	0	0	0
Cod, Pacific.....	6	30	0	1	126430	375	1837	0	0	0
Flounder, arrowtooth.	70	82	0	0	366739	15	669	0	0	0
Flounder, starry.....	0	0	0	12	44426	0	1	0	0	0
Greenling sp.....	0	1	0	926	15	0	0	0	0	0
Grenadier.....	0	0	0	0	111946	0	0	0	0	0
Hagfish sp.....	1343	0	0	0	0	0	0	0	0	0
Halibut, California..	0	0	0	0	74	0	0	0	0	0
Halibut, Pacific.....	0	1004461	0	9631	644	0	0	0	0	0
Herring, Pacific.....	0	0	0	269	0	39	0	0	0	0
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	145	14779	0	167673	543958	183	23976	0	0	0
Lord, brown Irish....	0	0	0	20	0	0	0	0	0	0
Lord, red Irish.....	0	0	0	314	0	0	0	0	0	0
Mackerel.....	0	0	0	20	512	16824	0	0	0	0
Pollock, walleye....	0	0	0	0	4	0	0	0	0	0
Ratfish.....	0	30	0	0	0	0	0	0	0	0
Pacific Ocean perch..	44	947	0	0	397471	7828	122	0	0	0
Nominal POP.....	44	1027	0	2371	814335	8863	3311	0	0	0
Rockfish, black.....	13	3948	0	75010	9402	0	35	0	0	0
Rockfish, widow.....	0	130	0	5699	1813291	1208939	3457	0	0	0
Rockfish, yellowtail.	65	12106	0	104817	1953447	185187	71778	0	0	0
Rockfish, other sp...	5063	119021	0	295338	1368274	6222	69830	0	0	0
Thornyhead sp.....	1686	7209	0	0	6317727	7	1785	0	0	0
Sablefish.....	2607415	1996789	0	10111	3091526	23051	27154	0	0	0
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	0
Salmon, chum.....	0	0	0	0	0	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Salmon, coho.....	0	0	0	0	0	0	0	0	0	0
Sanddab, Pacific.....	0	0	0	0	330179	0	364	0	0	0
Sculpin, buffalo.....	0	0	0	4	0	0	0	0	0	0
Sculpin, other sp....	0	0	0	124	0	0	0	0	0	0
Shad, American.....	0	0	0	0	613	2004	0	0	0	0
Shark, blue.....	0	33	0	14	0	0	12	0	0	0
Shark, sixgill.....	0	0	0	0	75	0	0	0	0	0
Shark, soupfin.....	0	59	0	24	1423	0	222	0	0	0
Shark, spiny dogfish.	0	0	0	10	11978	3	5	0	0	0
Shark, other sp.....	0	0	0	0	0	0	0	0	0	0
Skates and rays.....	0	20	0	0	4333	1	0	0	0	0
Smelt (eulachon).....	0	0	0	0	0	0	0	0	0	0
Smelt, other sp.....	0	0	0	0	0	0	0	0	0	0
Sole, butter.....	0	0	0	0	628	0	0	0	0	0
Sole, curlfin (turbot	0	0	0	0	1717	0	0	0	0	0
Sole, Dover.....	668	112	0	0	2519134	1	15283	0	0	0
Sole, English.....	0	0	0	0	249986	7	426	0	0	0
Sole, flathead.....	0	0	0	0	2249	1	268	0	0	0
Sole, petrale.....	0	50	0	11	1104125	0	3969	0	0	0
Sole, rex.....	0	3	0	0	144626	1	730	0	0	0
Sole, rock.....	0	0	0	6	2652	0	0	0	0	0
Sole, sand.....	0	7	0	0	302987	0	5	0	0	0
Steelhead.....	0	0	0	0	0	0	0	0	0	0
Sturgeon, green.....	0	0	0	0	4312	0	0	0	0	0
Sturgeon, white.....	0	0	0	0	458	0	0	0	0	0
Sturgeon, white - egg	0	0	0	0	0	0	0	0	0	0
Surfperch sp.....	0	0	0	1781	38	0	0	0	0	0
Tuna, albacore.....	0	0	0	0	0	0	0	0	0	0
Walleye.....	0	0	0	0	0	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Whiting, Pac. (hake).	0	0	0	0	3624	4284762	117	0	0	0
Wolf-eel.....	0	33	0	187	364	0	21	0	0	0
Wrymouth, giant.....	0	0	0	0	136	0	5	0	0	0
CRUSTACEANS:										
Crab, box.....	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, bay.	0	0	0	0	0	0	0	0	0	0
Crab, Dungeness, ocea	0	0	0	0	0	0	0	0	0	0
Crab, hermit.....	0	0	0	0	0	0	0	0	0	0
Crab, kelp.....	0	0	0	0	0	0	0	0	0	0
Crab, rock.....	0	0	0	0	0	0	0	0	0	0
Crab, tanner.....	0	0	0	0	0	0	0	0	0	0
Crayfish.....	0	0	0	0	0	0	0	0	0	0
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0
Shrimp, ghost.....	0	0	0	0	0	0	0	0	0	0
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0
Shrimp, pink.....	0	0	0	0	0	0	9626445	0	0	0
Shrimp, Sidestripe...	0	0	0	0	0	0	91	0	0	0
Shrimp, spot.....	0	0	0	60425	126	0	106102	0	0	0
MOLLUSKS:										
Clams, butter.....	0	0	0	0	0	0	0	0	0	0
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0
Clams, gaper.....	0	0	0	0	0	0	0	0	0	0
Clams, littleneck....	0	0	0	0	0	0	0	0	0	0
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0
Clams, razor.....	0	0	0	0	0	0	0	0	0	0
Mussels, ocean.....	0	0	0	0	0	0	0	0	0	0
Mussels, freshwater..	0	0	0	0	0	0	0	0	0	0
Octopus.....	0	69	0	0	3309	0	398	0	0	0
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0
Scallops, weathervane	0	0	0	0	0	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Squid.....	0	0	0	0	275	2	0	35399	0	0
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	0	0	0	0
Sea cucumber.....	0	0	0	0	0	0	0	0	0	0
Sea stars.....	0	0	0	5	0	0	0	0	0	0
Sea urchin, purple...	0	0	0	0	0	0	0	0	0	0
Sea urchin, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	2616562	3161607	0	738931	21649943	5744315	9958418	35399	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM SHOVEL OR RAKE	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
FISH:										
Anchovy, northern.....	0	0	0	0	200	0	0	0	0	200
Cabezon.....	167	0	0	0	0	0	0	0	0	5336
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	128679
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	367575
Flounder, starry.....	10	0	0	0	0	0	0	0	0	44459
Greenling sp.....	0	0	0	0	0	0	0	0	0	942
Grenadier.....	0	0	0	0	0	0	0	0	0	111946
Hagfish sp.....	0	0	0	0	0	0	0	0	0	1343
Halibut, California...	0	0	0	0	0	0	0	0	0	74
Halibut, Pacific.....	0	0	0	0	0	0	0	0	0	1014736
Herring, Pacific.....	0	0	0	0	0	0	0	2804	0	3112
Lamprey, Pacific.....	0	0	0	0	4561	0	0	0	0	4561
Lingcod.....	114	0	0	0	0	17	0	0	0	757249
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	20
Lord, red Irish.....	0	0	0	0	0	0	0	0	0	314
Mackerel.....	0	0	0	0	0	0	0	0	0	17356
Pollock, walleye.....	0	0	0	0	0	0	0	0	0	4
Ratfish.....	25	0	0	0	0	0	0	0	0	55
Pacific Ocean perch...	0	0	0	0	0	0	0	0	0	406412
Nominal POP.....	0	0	0	0	0	0	0	0	0	829951
Rockfish, black.....	4	0	0	0	0	0	0	0	0	88888
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	3031563
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	2330511
Rockfish, other sp....	237	0	0	0	0	2	0	0	0	1879158
Thornyhead sp.....	0	0	0	0	0	0	0	0	0	6328414
Sablefish.....	905	0	0	0	0	0	0	0	0	7757008
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	1019364
Salmon, chum.....	0	0	0	0	0	0	0	0	0	48

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM OR RAKE	SHOVEL OR RAKE	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
Salmon, coho.....	0	0	0	0	0	0	0	0	0	0	403594
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	0	330543
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	0	4
Sculpin, other sp.....	82	0	0	0	0	0	0	0	0	0	206
Shad, American.....	0	0	0	0	0	0	0	0	0	0	48403
Shark, blue.....	0	0	0	0	0	0	0	0	0	0	86
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	0	75
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	0	1728
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	0	11996
Shark, other sp.....	0	0	0	0	0	0	0	0	0	0	20
Skates and rays.....	0	0	0	0	0	0	0	0	0	0	4354
Smelt (eulachon).....	0	0	0	0	0	0	0	0	0	0	223
Smelt, other sp.....	0	0	0	0	0	0	0	0	215	0	215
Sole, butter.....	0	0	0	0	0	0	0	0	0	0	628
Sole, curlfin (turbot)	0	0	0	0	0	0	0	0	0	0	1717
Sole, Dover.....	0	0	0	0	0	0	0	0	0	0	2535198
Sole, English.....	0	0	0	0	0	0	15	0	0	0	250434
Sole, flathead.....	0	0	0	0	0	0	0	0	0	0	2518
Sole, petrale.....	0	0	0	0	0	0	19	0	0	0	1108181
Sole, rex.....	0	0	0	0	0	0	0	0	0	0	145360
Sole, rock.....	0	0	0	0	0	0	0	0	0	0	2658
Sole, sand.....	0	0	0	0	0	0	180	0	0	0	303179
Steelhead.....	0	0	0	0	0	0	0	0	0	0	36854
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	0	4944
Sturgeon, white.....	0	0	0	0	0	0	0	0	0	0	188399
Sturgeon, white - eggs	0	0	0	0	0	0	0	0	0	0	745
Surfperch sp.....	0	0	0	0	0	0	0	0	0	0	1819
Tuna, albacore.....	0	0	0	0	0	0	0	0	0	0	3749088
Walleye.....	0	0	0	0	0	0	0	0	0	0	1857

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB RING	CLAM OR RAKE	SHOVEL OR JET	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
Whiting, Pac. (hake)..	0	0	0	0	0	0	0	0	0	0	4288503
Wolf-eel.....	325	0	0	0	0	0	0	0	0	0	930
Wrymouth, giant.....	0	0	0	0	0	0	0	0	0	0	141
CRUSTACEANS:											
Crab, box.....	2723	0	0	0	0	0	0	0	0	0	2723
Crab, Dungeness, bay..	0	174334	0	0	0	0	0	0	0	0	174334
Crab, Dungeness, ocean	14288194	0	0	0	0	0	0	0	0	0	14288194
Crab, hermit.....	4	0	0	0	0	0	0	0	0	0	4
Crab, kelp.....	0	1	0	0	18	0	0	0	0	0	19
Crab, rock.....	23	2700	0	0	0	0	0	0	0	0	2723
Crab, tanner.....	6824	0	0	0	0	0	0	0	0	0	6824
Crayfish.....	0	0	0	0	0	0	0	0	0	71627	71627
Shrimp, brine.....	0	0	0	0	34851	0	0	0	0	0	34851
Shrimp, ghost.....	0	0	0	0	0	0	76809	0	0	0	76809
Shrimp, mud.....	0	0	0	0	0	0	32073	0	0	0	32073
Shrimp, pink.....	0	0	0	0	0	0	0	0	0	0	9626445
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	0	0	91
Shrimp, spot.....	0	0	0	0	0	0	0	0	0	0	166653
MOLLUSKS:											
Clams, butter.....	0	0	42	0	585	0	0	0	0	0	627
Clams, cockle.....	2	0	6132	0	58703	0	0	0	0	0	64837
Clams, gaper.....	0	0	522	0	675	0	0	0	0	0	1197
Clams, littleneck.....	0	0	81	0	10916	0	0	0	0	0	10997
Clams, softshell.....	0	0	4563	0	0	0	0	0	0	0	4563
Clams, razor.....	0	0	28307	0	0	0	0	0	0	0	28307
Mussels, ocean.....	0	0	0	0	5364	0	0	0	0	0	5364
Mussels, freshwater...	0	0	0	0	4900	0	0	0	0	0	4900
Octopus.....	2777	40	0	0	40	0	0	0	0	0	6633
Scallops, rock.....	0	0	0	0	88	0	0	0	0	0	88
Scallops, weathervane	0	0	0	0	0	67953	0	0	0	0	67953

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1994. (CONT.)

SPECIES	CRAB POT	CRAB CLAM RING OR RAKE	SHOVEL OR RAKE	CLAM PUMP OR JET	HAND DEVICE	SCALLOP DREDGE	SANDSHRIMP PUMP	BAITFISH NET	CRAYFISH TRAP	TOTAL ALL GEARS
Squid.....	0	0	0	0	0	0	0	0	0	35676
OTHER INVERTEBRATES:										
Sand dollars.....	41	0	0	0	0	0	0	0	0	41
Sea cucumber.....	0	0	0	0	21068	0	0	0	0	21068
Sea stars.....	14	0	0	0	3533	0	0	0	0	3552
Sea urchin, purple....	0	0	0	0	105248	0	0	0	0	105248
Sea urchin, red.....	0	0	0	0	1373040	0	0	0	0	1373040
TOTAL	14302471	177075	39647	0	1623790	68186	108882	3019	71627	65771339

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Cabezon.....	0	0	0	0	0	12	0	0	0	0	0	0	12
Lingcod.....	0	0	0	0	3690	6347	17	92	553	1190	36	0	11925
Rockfish, black.....	0	0	0	0	229	640	0	0	8	134	0	0	1011
Rockfish, widow.....	0	0	0	0	61	0	0	0	2	72	0	0	135
Rockfish, yellowtail..	0	0	0	0	1816	6507	0	0	111	59	0	0	8493
Rockfish, other sp....	0	0	0	0	13899	22095	8	90	687	745	7	0	37531
Sablefish.....	0	0	0	0	0	43	0	0	0	0	0	0	43
Salmon, chinook.....	0	0	0	0	97034	105954	2126	3340	11916	102016	7665	0	330051
Shark, blue.....	0	0	0	0	0	0	0	53	0	0	0	0	53
Shark, other sp.....	0	0	0	0	0	0	0	0	24	0	0	0	24
Sole, petrale.....	0	0	0	0	9	0	0	0	0	0	0	0	9
Tuna, albacore.....	0	0	0	0	0	35328	78967	2279681	1415167	853094	35503	0	4697740
TOTAL	0	0	0	0	116738	176926	81118	2283256	1428468	957310	43211	0	5087027
<u>COASTAL GILLNET</u>													
FISH:													
Shad, American.....	0	0	0	0	8004	14198	707	0	0	0	0	0	22909
TOTAL	0	0	0	0	8004	14198	707	0	0	0	0	0	22909
<u>COL. R. GILLNET</u>													
FISH:													
Flounder, starry.....	0	0	19	5	3	0	0	0	0	0	0	0	27
Salmon, chinook.....	0	1243	19222	1307	911	0	0	118	1035	23286	0	0	47122
Salmon, chum.....	0	0	0	0	0	0	0	0	0	186	0	0	186
Salmon, coho.....	0	0	0	0	0	0	0	1619	354314	126992	0	0	482925
Shad, American.....	0	0	0	0	29385	121461	3419	0	0	0	0	0	154265
Smelt (eulachon).....	53	0	147	0	0	0	0	0	0	0	0	10	210
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	1919	0	0	1919

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sturgeon, white.....	0	38589	17552	171	587	0	0	26	74	38042	0	0	95041
TOTAL	53	39832	36940	1483	30886	121461	3419	1763	355423	190425	0	10	781695
<u>COL. R. SETNET</u>													
FISH:													
Salmon, chinook.....	0	0	237	0	0	0	0	67088	231106	42374	0	0	340805
Salmon, coho.....	0	0	0	0	0	0	0	455	1353	4106	0	0	5914
Shad, American.....	0	133	26	0	0	0	0	110	1	0	0	0	270
Steelhead.....	0	2921	12810	0	0	0	0	12543	29569	15534	0	0	73377
Sturgeon, white.....	0	13707	29974	0	0	0	0	0	0	0	0	0	43681
Sturgeon, white - eggs	0	0	9	0	0	0	0	0	0	0	0	0	9
Walleye.....	0	97	1260	0	0	0	0	158	491	209	0	0	2215
TOTAL	0	16858	44316	0	0	0	0	80354	262520	62223	0	0	466271
<u>COL. R. SETLINE</u>													
FISH:													
Sturgeon, white.....	2983	0	0	0	0	0	0	0	0	0	0	0	2983
Sturgeon, white - eggs	52	0	0	0	0	0	0	0	0	0	0	0	52
TOTAL	3035	0	0	0	0	0	0	0	0	0	0	0	3035
<u>COL. R. DIPNET</u>													
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	343	2438	0	0	0	2781
Salmon, coho.....	0	0	0	0	0	0	0	0	47	0	0	0	47
Shad, American.....	0	0	0	0	0	29853	152	0	0	0	0	0	30005
Steelhead.....	0	0	0	0	0	0	0	236	1669	0	0	0	1905
TOTAL	0	0	0	0	0	29853	152	579	4154	0	0	0	34738
<u>FISH POT</u>													
FISH:													
Cod, Pacific.....	0	0	0	0	18	0	0	0	0	0	0	0	18

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Flounder, arrowtooth..	0	0	0	0	547	141	0	0	0	0	0	0	688
Hagfish sp.....	0	0	5370	0	0	0	0	0	0	0	0	0	5370
Lingcod.....	0	0	0	0	330	7	0	0	0	0	0	0	337
Pacific Ocean perch...	0	0	0	0	106	0	0	0	0	4	0	0	110
Nominal POP.....	0	0	0	0	121	43	0	0	0	0	0	0	164
Rockfish, black.....	0	0	0	0	0	0	0	0	0	26	5	0	31
Rockfish, yellowtail..	0	0	0	0	190	0	0	0	0	0	0	0	190
Rockfish, other sp....	0	0	0	0	6524	4406	0	0	0	1	0	0	10931
Thornyhead sp.....	0	0	0	0	796	800	0	0	0	0	0	0	1596
Sablefish.....	0	0	0	0	1748139	828485	0	52453	10398	2820	3639	0	2645934
Sole, Dover.....	0	0	0	0	1689	442	0	0	0	0	0	0	2131
MOLLUSKS:													
Snails & chitons.....	0	0	0	0	92	0	0	0	0	0	0	0	92
TOTAL	0	0	5370	0	1758552	834324	0	52453	10398	2851	3644	0	2667592
<u>BOTTOM LONGLINE</u>													
FISH:													
Cabezon.....	171	0	15	10	0	808	70	654	172	50	374	400	2724
Cod, Pacific.....	0	0	0	19	12	44	0	6	0	0	0	0	81
Flounder, arrowtooth..	0	0	0	0	378	193	134	53	0	0	0	0	758
Greenling sp.....	0	0	2	0	0	0	0	0	0	0	0	0	2
Halibut, Pacific.....	0	0	0	0	11	150732	48093	64740	271273	0	0	0	534849
Lingcod.....	2485	2224	2436	1226	568	1480	1308	3831	6098	2027	2499	860	27042
Ratfish.....	0	0	0	0	0	0	0	6	0	0	0	0	6
Pacific Ocean perch...	0	0	0	28	2134	210	0	0	0	0	0	0	2372
Nominal POP.....	0	0	48	200	1021	835	354	154	0	0	0	0	2612
Rockfish, black.....	716	227	0	0	0	176	1588	1125	693	1187	1901	2031	9644
Rockfish, widow.....	3	0	127	13	107	5	132	0	0	0	0	0	387
Rockfish, yellowtail..	1389	2036	6454	2891	1756	9809	1401	3168	1001	26	334	36	30301
Rockfish, other sp....	3595	2614	9123	6521	52593	37558	10886	18745	33024	18825	3504	1034	198022

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Thornyhead sp.....	0	0	0	6	2806	3569	63	0	0	4	0	0	6448
Sablefish.....	50	0	98	2844	1317204	546023	5087	3216	98043	1098	0	0	1973663
Shark, blue.....	0	0	0	0	0	0	44	0	0	0	0	0	44
Shark, soupfin.....	34	0	0	0	0	0	0	0	0	0	0	25	59
Skates and rays.....	0	0	0	0	0	0	0	10	0	0	0	0	10
Sole, Dover.....	0	0	0	0	218	128	0	0	0	0	0	4	350
Sole, English.....	1	0	0	0	0	0	0	0	0	0	0	0	1
Sole, petrale.....	0	0	2	0	8	14	21	14	0	0	0	0	59
Sole, rex.....	0	0	0	0	0	0	7	0	0	0	0	0	7
Sole, sand.....	0	0	0	0	0	10	0	0	0	0	0	0	10
Wolf-eel.....	0	0	22	0	0	72	5	124	8	0	0	0	231
MOLLUSKS:													
Octopus.....	0	0	0	0	4	0	0	88	0	0	0	0	92
TOTAL	8444	7101	18327	13758	1378820	751666	69193	95934	410312	23217	8612	4390	2789774
<u>OTHER HOOK & LINE</u>													
FISH:													
Cabazon.....	34	24	144	108	557	1001	1406	3143	2393	2173	341	0	11324
Cod, Pacific.....	0	0	2	0	0	0	0	0	0	0	0	0	2
Flounder, starry.....	0	0	0	0	0	0	7	5	0	0	0	0	12
Greenling sp.....	0	3	61	12	18	20	104	74	51	17	0	0	360
Halibut, Pacific.....	0	0	0	0	0	0	3588	1264	0	0	0	0	4852
Herring, Pacific.....	0	81	900	0	0	0	0	0	0	0	0	0	981
Lingcod.....	16113	17065	34302	34737	30163	38022	27824	40953	12128	14899	2412	354	268972
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	10	0	0	10
Lord, red Irish.....	0	0	0	0	16	14	4	12	7	0	0	0	53
Mackerel.....	0	0	0	0	6	0	0	0	0	0	0	0	6
Nominal POP.....	472	561	4166	2688	18	14	4	107	262	48	0	0	8340
Rockfish, black.....	346	812	2415	4045	25613	41212	29576	40328	13846	11067	1376	81	170717
Rockfish, widow.....	1192	2597	4373	2706	46	67	344	943	3430	122	62	0	15882

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, yellowtail..	11796	15827	67978	61674	12978	24946	12942	33197	7319	8425	36	1461	258579
Rockfish, other sp....	52115	42884	102520	76921	34764	49840	33265	71500	14126	10180	990	517	489622
Sablefish.....	0	5	62	1468	6766	217	152	368	0	0	0	0	9038
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	1	0	0	0	1
Sculpin, other sp.....	0	0	2	4	0	0	38	14	14	5	0	0	77
Shark, blue.....	0	0	11	0	0	0	0	6	0	0	0	0	17
Shark, soupfin.....	0	0	24	0	0	0	0	0	0	0	0	0	24
Shark, spiny dogfish..	0	0	0	0	0	0	5	0	0	0	0	0	5
Sole, petrale.....	0	0	3	3	0	0	0	0	0	5	0	0	11
Sole, rock.....	0	0	0	2	0	0	0	0	0	15	0	0	17
Surfperch sp.....	0	68	74	267	0	182	276	159	158	29	4	0	1217
Wolf-eel.....	0	0	0	5	8	53	37	141	44	49	9	0	346
OTHER INVERTEBRATES:													
Sea stars.....	0	0	0	0	0	0	0	0	0	5	0	0	5
TOTAL	82068	79927	217037	184640	110953	155588	109572	192214	53779	47049	5230	2413	1240470
GROUND FISH TRAWL													
FISH:													
Cabezon.....	0	0	56	0	0	278	536	347	10	19	22	0	1268
Cod, Pacific.....	46777	11535	14451	20484	36051	67774	61993	70061	15706	22005	483	1586	368906
Flounder, arrowtooth..	78461	47460	107913	128758	226538	1528207	936342	386481	218213	79430	15425	33556	3786784
Flounder, starry.....	467	21	3235	2591	5127	23928	35652	27498	16218	23108	575	0	138420
Greenling sp.....	0	0	0	0	19	0	0	18	0	0	0	0	37
Grenadier.....	45382	41244	64406	74582	148026	209632	48384	90611	78856	51546	23401	3420	879490
Halibut, California...	0	0	35	0	0	0	21	14	0	0	0	0	70
Halibut, Pacific.....	0	0	0	0	23	138	59	0	76	0	0	0	296
Lingcod.....	188663	53129	83702	72501	167733	141315	191078	300935	174297	122748	14846	12372	1523319
Mackerel.....	0	0	0	0	0	1571	215	40	2484	7116	0	0	11426
Pollock, walleye.....	0	0	0	0	0	0	0	20	0	0	0	0	20
Pacific Ocean perch...	78473	65635	111562	90693	107417	184203	165436	162151	122966	75472	4824	17339	1186171

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Nominal POP.....	308330	189468	322514	320504	443984	408678	285434	263832	306041	239934	57133	39413	3185265
Rockfish, black.....	0	0	435	8165	2375	5354	1463	7436	1102	356	0	0	26686
Rockfish, widow.....	650090	510055	618426	434623	456114	513899	649344	723810	549375	495233	148886	21789	5771644
Rockfish, yellowtail..	696171	547442	687987	586417	579468	663917	580047	518661	372445	390121	75244	80543	5778463
Rockfish, other sp....	362598	284633	395940	326692	335615	516263	512529	431001	341913	319840	92855	117559	4037438
Thornyhead sp.....	855718	812683	1209467	1084524	1461408	1485329	447244	453671	451891	457126	162503	23585	8905149
Sablefish.....	350203	302054	508441	522580	594373	618895	311501	336258	319882	313999	115186	0	4293372
Sanddab, Pacific.....	89496	49645	90098	66705	29965	38113	19885	75359	69548	93141	212681	303848	1138484
Shad, American.....	0	0	0	21	217	1227	400	932	441	10	0	0	3248
Shark, sixgill.....	150	0	0	0	0	0	0	0	0	0	0	0	150
Shark, soupfin.....	461	471	224	155	60	692	106	82	98	62	27	0	2438
Shark, spiny dogfish..	15317	0	0	26	2697	47	0	1782	109	62948	1604	13451	97981
Skates and rays.....	200	70	238	64	586	688	2292	6199	1773	3264	303	2018	17695
Sole, butter.....	0	0	0	0	0	0	1936	0	0	0	0	0	1936
Sole, curlfin (turbot)	464	0	58	0	320	450	1683	1826	1033	31	63	0	5928
Sole, Dover.....	1025841	633184	980140	993395	856925	705316	691239	741734	730424	723009	268894	129099	8479200
Sole, English.....	86768	50955	63989	52573	91482	102276	63397	120593	53725	59379	8265	34856	788258
Sole, flathead.....	0	0	2020	6	0	0	569	709	1873	1680	0	0	6857
Sole, petrale.....	307150	125966	79814	33516	93547	67675	36367	89312	81133	69647	33622	334218	1351967
Sole, rex.....	100398	35361	42673	27457	38671	43960	37763	52786	40152	37154	10760	14131	481266
Sole, rock.....	0	0	137	118	369	215	1978	3987	1548	37	6	5	8400
Sole, sand.....	2382	1610	11134	18869	26227	80137	117936	82378	40219	29510	601	0	411003
Sturgeon, green.....	32	0	28	58	880	1622	385	144	241	1305	326	0	5021
Sturgeon, white.....	0	0	0	0	201	41	78	0	0	0	0	0	320
Surfperch sp.....	0	0	69	12	0	0	0	0	0	0	0	0	81
Whiting, Pac. (hake)..	0	0	6400	5135	23193	5776	0	5871	2523	0	9038	0	57936
Wolf-eel.....	0	0	0	17	240	569	509	313	16	20	0	0	1684
Wrymouth, giant.....	0	0	0	20	32	40	149	88	51	31	0	63	474
CRUSTACEANS:													
Crab, tanner.....	0	0	0	0	0	430	0	0	0	0	0	0	430

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Shrimp, spot.....	0	0	36	0	0	0	0	0	0	0	0	0	36
MOLLUSKS:													
Octopus.....	704	1189	792	552	727	777	393	397	217	314	4	54	6120
Squid.....	0	0	0	0	35	199	191	110	217	152	0	60	964
TOTAL	5290696	3763810	5406420	4871813	5730645	7419631	5204534	4957447	3996816	3679747	1257577	1182965	52762101
MIDWATER TRAWL													
FISH:													
Cabezon.....	0	0	0	0	0	0	2	0	0	0	0	0	2
Cod, Pacific.....	0	0	0	0	183	996	356	56	16	3	0	0	1610
Flounder, arrowtooth..	0	0	0	0	59	40	49	31	31	8	0	0	218
Herring, Pacific.....	0	0	0	0	104	2138	3251	699	637	0	0	0	6829
Lingcod.....	0	0	151	0	36	69	147	122	150	26	89	0	790
Mackerel.....	0	0	0	56	14083	81605	104622	159558	222918	365226	42640	0	990708
Pollock, walleye.....	0	0	0	0	0	0	9	2	0	2	0	0	13
Ratfish.....	0	0	0	0	0	0	1	0	0	0	0	0	1
Pacific Ocean perch...	0	0	0	0	853	614	13135	2751	5387	1448	310	0	24498
Nominal POP.....	0	0	336	2	8436	13771	4494	7817	6585	2473	2938	0	46852
Rockfish, widow.....	392843	276681	253336	149159	399904	348753	483839	414203	419923	349581	441072	0	3929294
Rockfish, yellowtail..	195	1466	4038	3865	58401	106200	190407	80821	61706	78870	1922	0	587891
Rockfish, other sp....	7	184	1403	3413	2505	1120	2173	8369	2331	3420	1120	0	26045
Thornyhead sp.....	0	0	1	0	0	0	0	0	0	11	10	0	22
Sablefish.....	0	0	0	0	4704	10767	34738	16335	4464	241	27	0	71276
Sanddab, Pacific.....	0	0	0	0	0	0	2	0	0	0	0	0	2
Sardine, Pacific.....	0	0	0	0	0	0	0	0	33	11	0	0	44
Shad, American.....	0	0	0	0	8705	24191	14761	602	427	83	2	0	48771
Shark, soupfin.....	0	0	0	0	0	0	0	6	0	0	0	0	6
Shark, spiny dogfish..	0	0	0	0	247	1233	568	117	147	44410	8120	0	54842
Shark, other sp.....	0	0	0	0	0	0	0	53	0	0	0	0	53
Skates and rays.....	0	0	0	0	0	42	168	71	72	0	0	0	353

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Snailfish, blacktail..	0	0	0	0	0	38	0	0	0	0	0	0	38
Sole, Dover.....	0	0	0	0	0	4	2	9	0	0	0	0	15
Sole, English.....	0	0	0	0	0	20	0	0	0	1	0	0	21
Sole, flathead.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Sole, rex.....	0	0	0	0	0	0	0	3	0	0	0	0	3
Sunfish, ocean.....	0	0	0	0	0	0	0	13	0	0	8	0	21
Whiting, Pac. (hake)..	0	0	0	789888	15919514	24963405	25919069	34970773	15086261	18876682	6978565	0	143504157
CRUSTACEANS:													
Crab, Dungeness, ocean	0	0	0	0	0	0	0	7	0	0	0	0	7
Crab, rock.....	0	0	0	0	0	2	16	0	0	0	0	0	18
MOLLUSKS:													
Squid.....	18	0	0	4	185	559	137	73	192	170	5	0	1343
TOTAL	393063	278331	259265	946387	16417919	25555567	26771946	35662493	15811280	19722666	7476828	0	149295745
SHRIMP TRAWL													
FISH:													
Cod, Pacific.....	0	0	0	337	1120	339	1126	2455	34	25	0	0	5436
Flounder, arrowtooth..	0	0	0	43	471	1441	1294	1035	665	238	0	0	5187
Flounder, starry.....	0	0	0	0	0	3	0	0	0	0	0	0	3
Lingcod.....	0	0	0	1582	5843	9276	12326	23820	9765	2971	0	0	65583
Pacific Ocean perch...	0	0	0	100	115	0	0	227	0	0	0	0	442
Nominal POP.....	0	0	0	1039	622	4564	714	3533	344	2871	0	0	13687
Rockfish, black.....	0	0	0	0	140	0	0	0	0	0	0	0	140
Rockfish, widow.....	0	0	0	1704	2759	2614	1207	1057	993	580	0	0	10914
Rockfish, yellowtail..	0	0	0	46668	50110	23795	60602	23257	1477	6011	0	0	211920
Rockfish, other sp....	824	1354	538	38334	44338	41685	44441	20455	13080	3870	0	0	208919
Thornyhead sp.....	0	0	0	31	77	249	493	1568	128	168	0	0	2714
Sablefish.....	0	0	0	242	3816	11089	7217	15765	3848	1771	0	0	43748
Sanddab, Pacific.....	0	0	0	447	299	209	55	0	180	0	0	0	1190
Shark, blue.....	0	0	0	0	0	0	0	23	0	0	0	0	23

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Shark, soupfin.....	0	0	0	0	64	71	37	12	0	56	0	0	240
Shark, spiny dogfish..	0	0	0	0	0	0	0	10	0	0	0	0	10
Sole, Dover.....	0	0	0	1041	3540	5496	11275	21966	5933	2824	0	0	52075
Sole, English.....	0	0	0	70	143	148	291	385	205	38	0	0	1280
Sole, flathead.....	0	0	0	109	233	66	143	214	11	13	0	0	789
Sole, petrale.....	0	0	0	608	1454	637	710	1518	219	198	0	0	5344
Sole, rex.....	0	0	0	200	318	133	202	1489	98	18	0	0	2458
Sole, sand.....	0	0	0	13	0	2	7	0	0	0	0	0	22
Whiting, Pac. (hake)..	0	0	0	0	1170	0	0	0	0	0	0	0	1170
Wolf-eel.....	0	0	0	0	0	0	0	83	0	0	0	0	83
Wrymouth, giant.....	0	0	0	0	0	0	0	29	0	0	0	0	29
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	2056114	2911798	3763484	2361749	2636203	1858320	798354	0	0	16386022
Shrimp, Sidestripe....	0	0	0	7	0	0	0	16	0	0	0	0	23
Shrimp, spot.....	4238	4497	4260	4379	8625	14172	1987	40	222	2165	0	0	44585
MOLLUSKS:													
Octopus.....	0	0	0	60	155	315	130	100	20	0	0	0	780
TOTAL	5062	5851	4798	2153128	3037210	3879788	2506006	2755260	1895542	822171	0	0	17064816
<u>SQUID NET</u>													
MOLLUSKS:													
Squid.....	0	0	0	0	0	35400	31817	163479	0	0	0	0	230696
TOTAL	0	0	0	0	0	35400	31817	163479	0	0	0	0	230696
<u>SHRIMP POT</u>													
CRUSTACEANS:													
Shrimp, spot.....	3472	4212	1317	5129	4845	1423	0	0	0	0	0	0	20398
TOTAL	3472	4212	1317	5129	4845	1423	0	0	0	0	0	0	20398

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRAB POT													
FISH:													
Cabazon.....	0	0	15	28	0	0	18	0	0	0	0	104	165
Flounder, starry.....	0	4	0	0	0	0	0	0	0	0	0	0	4
Lingcod.....	19	162	23	5	5	5	0	0	0	0	0	0	219
Ratfish.....	0	4	0	0	0	0	0	0	0	0	0	0	4
Rockfish, black.....	0	0	0	9	0	0	0	0	0	0	0	0	9
Rockfish, other sp....	10	0	445	2	0	0	0	0	0	0	0	41	498
Sablefish.....	0	0	0	627	19	0	0	0	0	0	0	0	646
Sculpin, other sp.....	0	0	0	0	0	20	1	0	0	0	0	0	21
Wolf-eel.....	0	0	30	95	179	309	58	0	0	0	0	8	679
CRUSTACEANS:													
Crab, box.....	0	787	2140	0	0	0	522	0	0	0	0	0	3449
Crab, Dungeness, ocean	2206171	529480	465891	173428	166093	202537	372064	312531	0	0	0	6111211	10539406
Crab, hermit.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Crab, rock.....	0	0	39	0	0	0	0	0	0	0	0	0	39
Crab, tanner.....	0	0	1438	4772	0	0	0	0	0	0	0	0	6210
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	2	0	0	0	0	0	0	2
Octopus.....	1006	68	807	83	329	90	0	15	0	0	0	97	2495
OTHER INVERTEBRATES:													
Sand dollars.....	0	0	0	0	60	22	0	0	0	0	0	0	82
Sea stars.....	0	0	0	0	0	4	0	0	0	0	0	0	4
TOTAL	2207206	530505	470828	179049	166687	202989	372663	312546	0	0	0	6111461	10553934
CRAB RING													
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	32	0	0	39451	45666	11974	1550	98673
Crab, kelp.....	0	0	0	0	0	0	0	0	1	0	0	0	1
Crab, rock.....	624	526	565	0	0	41	0	0	240	1215	345	70	3626

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Octopus.....	0	0	0	0	0	0	10	0	0	0	0	0	10
TOTAL	624	526	565	0	0	73	10	0	39692	46881	12319	1620	102310
CLAM SHOVEL OR RAKE													
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	104	0	0	0	0	0	104
Clams, cockle.....	744	1412	868	1545	3193	1399	804	74	0	0	0	322	10361
Clams, gaper.....	0	0	0	0	0	0	760	0	25	0	25	0	810
Clams, littleneck.....	0	0	0	0	0	0	56	0	0	0	0	0	56
Clams, softshell.....	390	624	596	381	672	588	444	644	878	174	1157	900	7448
Clams, razor.....	0	0	22	25	163	0	0	52	0	0	12788	6066	19116
TOTAL	1134	2036	1486	1951	4028	1987	2168	770	903	174	13970	7288	37895
HAND DEVICE													
FISH:													
Anchovy, northern.....	0	0	0	0	0	0	0	2000	0	0	0	0	2000
Lamprey, Pacific.....	0	0	0	0	0	2064	12119	77	0	0	0	0	14260
CRUSTACEANS:													
Crab, kelp.....	0	0	2	0	0	0	0	0	21	0	0	0	23
Shrimp, brine.....	0	0	0	0	4870	11410	11020	13700	0	0	0	0	41000
MOLLUSKS:													
Clams, butter.....	0	150	1015	4	0	0	50	220	0	0	0	418	1857
Clams, cockle.....	26697	23660	30728	20670	17439	5811	4521	4220	2189	5275	6474	5248	152932
Clams, gaper.....	0	0	0	0	0	0	50	605	108	245	328	0	1336
Clams, littleneck.....	0	15	0	207	521	1258	966	1343	998	702	6	12	6028
Mussels, ocean.....	2085	1732	2135	1570	2009	1413	0	1275	521	2843	1861	2565	20009
Mussels, freshwater...	0	0	0	0	0	0	0	11916	2083	0	0	0	13999
Octopus.....	0	0	0	0	10	0	0	0	0	0	0	0	10

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Scallops, rock.....	0	0	0	0	0	0	0	126	0	0	0	0	126
OTHER INVERTEBRATES:													
Sea cucumber.....	0	0	0	0	218	5849	3273	1194	0	0	0	0	10534
Sea stars.....	0	0	192	0	39	0	0	0	192	996	1013	655	3087
Sea urchin, purple....	0	0	0	0	0	0	0	130047	28688	34900	1244	2230	197109
Sea urchin, red.....	178749	179208	235402	166736	151126	146702	171453	115036	181562	101688	100691	61245	1789598
TOTAL	207531	204765	269474	189187	176232	174507	203452	281759	216362	146649	111617	72373	2253908
SCALLOP DREDGE													
FISH:													
Lingcod.....	52	0	0	0	0	0	0	0	0	0	0	0	52
Rockfish, other sp....	8	0	0	0	0	0	0	0	0	0	0	0	8
Sole, English.....	48	0	0	0	0	0	0	0	0	0	0	0	48
Sole, petrale.....	22	0	0	0	0	0	0	0	0	0	0	0	22
Sole, sand.....	240	0	0	0	0	0	0	0	0	0	0	0	240
MOLLUSKS:													
Scallops, weathervane	24980	37503	31702	0	59670	0	0	0	0	0	0	0	153855
TOTAL	25350	37503	31702	0	59670	0	0	0	0	0	0	0	154225
BAITSHRIMP PUMP													
CRUSTACEANS:													
Shrimp, ghost.....	4381	3265	4935	5863	5807	5237	6509	7365	8860	7506	3192	2199	65119
Shrimp, mud.....	4409	5258	4449	2623	2033	986	200	0	0	534	1634	3321	25447
TOTAL	8790	8523	9384	8486	7840	6223	6709	7365	8860	8040	4826	5520	90566
BAITFISH NET													
FISH:													
Herring, Pacific.....	0	7049	0	0	0	0	1500	0	0	0	0	0	8549
Smelt, other sp.....	0	0	0	0	0	0	2150	0	0	0	0	0	2150
TOTAL	0	7049	0	0	0	0	3650	0	0	0	0	0	10699

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1994. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>CRAYFISH TRAP</u>													
CRUSTACEANS:													
Crayfish.....	0	0	0	371	5040	17397	12091	10815	10236	5681	0	0	61631
TOTAL	0	0	0	371	5040	17397	12091	10815	10236	5681	0	0	61631
TOTAL	8236528	4986829	6777229	8555382	29014069	39379001	35379207	46858487	24504745	25715084	8937834	7388040	245732435

In previous Pounds and Values reports, Tables 25-41 listed landings by port, by gear, by species, and by month. These tables have been excluded from this report to reduce printing costs. Copies are available from ODFW at the address on the front page of this report.

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1994

SPECIES	COLUMBIA		PACIFIC		DEPOE		WINCHESTER			PORT	GOLD		OTHER 2/		TOTAL
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS	LOCATIONS	
FISH:															
Anchovy, northern.....	0	0	0	0	0	0	0	200	0	0	0	0	0	0	200
Cabazon.....	0	145	54	123	430	464	4	0	194	0	3798	34	90	0	5336
Cod, Pacific.....	0	101555	3019	0	0	20810	1	0	3294	0	0	0	0	0	128679
Flounder, arrowtooth..	0	312867	6645	0	0	20346	13	0	23875	0	14	0	3815	0	367575
Flounder, starry.....	10	33371	690	0	0	4066	464	0	5749	0	0	0	109	0	44459
Greenling sp.....	0	10	0	0	0	906	0	0	0	0	16	0	10	0	942
Grenadier.....	0	5182	14	0	0	1999	0	0	93307	0	0	0	11444	0	111946
Hagfish sp.....	0	0	0	0	0	0	0	0	1343	0	0	0	0	0	1343
Halibut, California...	0	0	0	0	0	0	0	0	26	0	0	0	48	0	74
Halibut, Pacific.....	0	765483	14832	706	2722	142103	8169	2973	58106	1017	5691	245	12689	0	1014736
Herring, Pacific.....	0	39	0	0	0	2833	0	240	0	0	0	0	0	0	3112
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0	0	0	0	4561	4561
Lingcod.....	0	240054	32465	12401	9982	179213	2237	10700	166357	242	33290	194	69370	744	757249
Lord, brown Irish.....	0	0	0	0	0	20	0	0	0	0	0	0	0	0	20
Lord, red Irish.....	0	0	0	0	0	314	0	0	0	0	0	0	0	0	314
Mackerel.....	0	8580	0	0	0	8645	0	0	131	0	0	0	0	0	17356
Pollock, walleye.....	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
Ratfish.....	0	0	0	0	0	55	0	0	0	0	0	0	0	0	55
Pacific Ocean perch...	0	285423	4039	0	0	109358	0	0	6613	0	979	0	0	0	406412
Nominal POP.....	0	155306	83466	0	0	361812	58	0	194250	12	0	10	35037	0	829951
Rockfish, black.....	0	8040	1786	7917	4518	4525	23	0	1086	577	47099	150	12683	484	88888
Rockfish, widow.....	0	872207	61828	0	0	1469003	408	11	410941	0	720	20	216425	0	3031563
Rockfish, yellowtail..	0	1240302	102779	0	516	711362	18310	7	197157	0	22570	50	37458	0	2330511
Rockfish, other sp....	0	712388	42456	5898	16236	493721	7611	1790	357039	5630	173557	1158	61674	0	1879158
Thornyhead sp.....	0	2341695	72433	0	0	1185037	0	67	2111741	0	6	0	617435	0	6328414
Sablefish.....	0	2841516	71363	0	204	1474563	228276	5163	1978440	467	432869	201	723946	0	7757008
Salmon, chinook.....	329847	517	68496	8814	3999	375180	27573	22184	46596	11345	70368	3601	49962	882	1019364
Salmon, chum.....	48	0	0	0	0	0	0	0	0	0	0	0	0	0	48

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1994(CONT.)

SPECIES	COLUMBIA		PACIFIC		DEPOE		WINCHESTER			PORT	GOLD	OTHER 2/		TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS		LOCATIONS
Salmon, coho.....	403594	0	0	0	0	0	0	0	0	0	0	0	0	0	403594
Sanddab, Pacific.....	0	26185	1120	0	0	11964	60651	0	218999	0	0	0	11624	0	330543
Sculpin, buffalo.....	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Sculpin, other sp.....	0	0	0	0	0	206	0	0	0	0	0	0	0	0	206
Shad, American.....	37918	2546	0	0	0	0	11	7868	60	0	0	0	0	0	48403
Shark, blue.....	0	0	0	0	0	44	0	0	15	0	0	0	27	0	86
Shark, sixgill.....	0	75	0	0	0	0	0	0	0	0	0	0	0	0	75
Shark, soupfin.....	0	515	23	0	0	458	0	0	483	0	59	0	190	0	1728
Shark, spiny dogfish..	0	11914	0	0	0	50	0	0	32	0	0	0	0	0	11996
Shark, other sp.....	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20
Skates and rays.....	0	2456	0	0	0	116	63	0	1719	0	0	0	0	0	4354
Smelt (eulachon).....	223	0	0	0	0	0	0	0	0	0	0	0	0	0	223
Smelt, other sp.....	0	0	0	0	0	0	0	215	0	0	0	0	0	0	215
Sole, butter.....	0	628	0	0	0	0	0	0	0	0	0	0	0	0	628
Sole, curlfin (turbot)	0	294	0	0	0	377	77	0	954	0	0	0	15	0	1717
Sole, Dover.....	0	894706	119231	0	0	420609	413	54	837967	0	13	0	262205	0	2535198
Sole, English.....	0	116246	5681	0	0	56714	2166	0	57421	0	0	0	12206	0	250434
Sole, flathead.....	0	2515	3	0	0	0	0	0	0	0	0	0	0	0	2518
Sole, petrale.....	0	305301	22777	0	0	191826	5325	0	409185	0	6	0	173761	0	1108181
Sole, rex.....	0	75185	4210	0	0	22667	296	0	26096	0	0	0	16906	0	145360
Sole, rock.....	0	210	55	0	0	52	1248	0	1053	0	5	0	35	0	2658
Sole, sand.....	0	166244	8373	0	0	50406	10946	0	65316	0	5	0	1889	0	303179
Steelhead.....	36854	0	0	0	0	0	0	0	0	0	0	0	0	0	36854
Sturgeon, green.....	632	399	24	0	0	1188	367	0	2334	0	0	0	0	0	4944
Sturgeon, white.....	187941	156	0	0	0	0	0	0	302	0	0	0	0	0	188399
Sturgeon, white - eggs	745	0	0	0	0	0	0	0	0	0	0	0	0	0	745
Surfperch sp.....	0	38	0	0	0	1399	0	0	0	0	0	53	329	0	1819
Tuna, albacore.....	0	499769	351664	2748	466	2142799	49523	54317	425964	8658	48470	0	164710	0	3749088
Walleye.....	1857	0	0	0	0	0	0	0	0	0	0	0	0	0	1857

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1994(CONT.)

SPECIES	COLUMBIA		PACIFIC		DEPOE		WINCHESTER			PORT	GOLD		OTHER 2/	TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI	CITY	BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS		LOCATIONS
Whiting, Pac. (hake)..	0	1282199	0	0	0	2977384	0	0	28920	0	0	0	0	0	4288503
Wolf-eel.....	0	186	48	0	42	252	4	0	216	0	130	0	52	0	930
Wrymouth, giant.....	0	97	0	0	0	15	0	0	29	0	0	0	0	0	141
CRUSTACEANS:															
Crab, box.....	0	2480	0	0	0	243	0	0	0	0	0	0	0	0	2723
Crab, Dungeness, bay..	0	0	0	420	0	1270	156	50020	44334	1311	0	145	0	76678	174334
Crab, Dungeness, ocean	0	3898858	417825	18708	135800	4610114	299698	461872	2179756	0	606224	709	1658630	0	14288194
Crab, hermit.....	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Crab, kelp.....	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
Crab, rock.....	0	0	0	0	0	2700	0	0	0	0	23	0	0	0	2723
Crab, tanner.....	0	6824	0	0	0	0	0	0	0	0	0	0	0	0	6824
Crayfish.....	0	0	0	0	0	0	0	0	0	0	0	0	0	71627	71627
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	34851	34851
Shrimp, ghost.....	0	0	0	965	0	0	1971	13	5796	0	0	0	0	68064	76809
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0	0	0	0	32073	32073
Shrimp, pink.....	0	1416696	243937	0	0	1932201	6737	0	3208296	0	30431	0	2788147	0	9626445
Shrimp, Sidestripe....	0	0	0	0	0	0	0	0	5	0	0	0	86	0	91
Shrimp, spot.....	0	10479	148146	0	0	240	0	0	7030	0	0	0	758	0	166653
MOLLUSKS:															
Clams, butter.....	0	0	585	0	0	0	0	0	42	0	0	0	0	0	627
Clams, cockle.....	0	0	56182	0	0	352	0	0	6546	0	0	0	0	1757	64837
Clams, gaper.....	0	0	2	0	0	689	0	0	506	0	0	0	0	0	1197
Clams, littleneck.....	0	0	587	0	0	4	0	0	81	0	0	0	0	10325	10997
Clams, softshell.....	0	0	0	0	0	0	0	4473	0	90	0	0	0	0	4563
Clams, razor.....	0	0	0	0	0	925	0	0	0	0	0	0	0	27382	28307
Mussels, ocean.....	0	0	0	0	0	9	460	0	0	356	64	0	0	4475	5364
Mussels, freshwater...	0	0	0	0	0	0	0	0	0	0	0	0	0	4900	4900
Octopus.....	0	2858	97	0	0	2459	0	0	390	0	322	0	507	0	6633
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0	0	0	88	0	88
Scallops, weathervane	0	200	0	0	0	29346	0	0	38407	0	0	0	0	0	67953

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1994(CONT.)

SPECIES	COLUMBIA		PACIFIC GARIBALDI	CITY	DEPOE		WINCHESTER			PORT ORFORD	GOLD BEACH	OTHER 2/ BROOKINGS	OTHER 2/ LOCATIONS	TOTAL	
	RIVER 1/	ASTORIA			BAY	NEWPORT	FLORENCE	BAY	CHARLESTON						BANDON
Squid.....	0	275	0	0	0	5312	0	0	30089	0	0	0	0	35676	
OTHER INVERTEBRATES:															
Sand dollars.....	0	0	0	0	0	41	0	0	0	0	0	0	0	41	
Sea cucumber.....	0	0	0	0	0	0	0	0	0	20828	240	0	0	21068	
Sea stars.....	0	0	0	0	0	3552	0	0	0	0	0	0	0	3552	
Sea urchin, purple....	0	0	0	0	13059	0	0	0	85968	0	6221	0	0	105248	
Sea urchin, red.....	0	0	0	0	68600	7268	0	0	23063	0	962538	277029	34542	1373040	
TOTAL	999669	18651214	1946935	58700	256574	19041613	733259	622167	13363643	29705	2466316	283839	6978902	338803	65771339

1/ OREGON LANDINGS ONLY

2/ LANDINGS AT SEASIDE/GEARHART, CANNON BEACH, NEHALEM BAY, NETARTS BAY, SILETZ BAY, WALDPOR, AND INLAND WATERS.

SEE TABLE 63 FOR LANDINGS OF CRAYFISH, FRESHWATER MUSSELS, PACIFIC LAMPREY AND BRINE SHRIMP BY COUNTY.

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Anchovy, northern.....	0	0	0	0	0	0	0	200	0	0	0	0	200
Cabazon.....	26	7	88	75	260	362	848	1401	1021	749	292	207	5336
Cod, Pacific.....	15844	3921	4924	7105	12725	23759	21555	24876	5458	7791	172	549	128679
Flounder, arrowtooth..	7795	4636	10703	13048	22876	148080	90010	35846	20617	8273	1748	3943	367575
Flounder, starry.....	127	17	1030	825	1613	7716	11635	8784	5119	7409	184	0	44459
Greenling sp.....	0	15	143	30	46	56	152	219	243	38	0	0	942
Grenadier.....	5245	4748	8388	9549	18822	26849	6369	10173	10920	7091	3318	474	111946
Hagfish sp.....	0	0	1343	0	0	0	0	0	0	0	0	0	1343
Halibut, California...	0	0	48	0	0	0	22	4	0	0	0	0	74
Halibut, Pacific.....	0	0	0	0	68	249571	105770	126989	532338	0	0	0	1014736
Herring, Pacific.....	0	2608	225	0	0	0	240	0	39	0	0	0	3112
Lamprey, Pacific.....	0	0	0	0	0	721	3823	17	0	0	0	0	4561
Lingcod.....	75707	30409	52878	48655	82698	81826	89173	142473	79403	60052	8693	5282	757249
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	20	0	0	20
Lord, red Irish.....	0	0	0	0	84	62	24	60	84	0	0	0	314
Mackerel.....	0	0	0	0	20	80	62	1783	4094	9979	1338	0	17356
Pollock, walleye.....	0	0	0	0	0	0	0	4	0	0	0	0	4
Ratfish.....	0	25	0	0	0	0	0	30	0	0	0	0	55
Pacific Ocean perch...	24741	20559	36084	30218	36828	62217	59776	55544	45349	27185	1707	6204	406412
Nominal POP.....	80238	51140	91408	82472	116329	112789	67999	67563	79131	57669	12786	10427	829951
Rockfish, black.....	389	477	1419	4683	11794	20759	14916	19975	6888	5359	1313	916	88888
Rockfish, widow.....	310984	230252	266580	185972	269791	271386	354437	356846	315280	270463	192396	7176	3031563
Rockfish, yellowtail..	233001	183533	258394	242294	234967	283930	283125	224142	158629	171274	27877	29345	2330511
Rockfish, other sp....	148900	113701	197143	168208	185947	252847	219232	220601	157809	133964	37742	43064	1879158
Thornyhead sp.....	418714	417620	676918	664846	1195676	1190582	356619	378529	419392	429580	157436	22502	6328414
Sablefish.....	161416	146271	262413	372751	3397245	1806658	259425	383937	535698	310328	120866	0	7757008
Salmon, chinook.....	0	3815	65582	4462	197362	211126	4091	52959	204272	257627	18068	0	1019364
Salmon, chum.....	0	0	0	0	0	0	0	0	0	48	0	0	48
Salmon, coho.....	0	0	0	0	0	0	0	2152	301367	100075	0	0	403594

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1994. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sanddab, Pacific.....	25677	14859	26662	19461	9298	11934	6332	21499	21631	27036	60863	85291	330543
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	4	0	0	0	4
Sculpin, other sp.....	0	0	5	10	0	80	43	28	28	12	0	0	206
Shad, American.....	0	35	7	11	9579	35307	3114	236	111	3	0	0	48403
Shark, blue.....	0	0	11	0	0	0	33	42	0	0	0	0	86
Shark, sixgill.....	75	0	0	0	0	0	0	0	0	0	0	0	75
Shark, soupfin.....	396	304	102	155	116	306	89	54	49	118	14	25	1728
Shark, spiny dogfish..	1557	0	0	0	268	16	10	186	33	8147	204	1575	11996
Shark, other sp.....	0	0	0	0	0	0	0	0	20	0	0	0	20
Skates and rays.....	41	14	56	16	176	165	562	1554	467	1006	67	230	4354
Smelt (eulachon).....	66	0	147	0	0	0	0	0	0	0	0	10	223
Smelt, other sp.....	0	0	0	0	0	0	215	0	0	0	0	0	215
Sole, butter.....	0	0	0	0	0	0	628	0	0	0	0	0	628
Sole, curlfin (turbot)	143	0	15	0	111	137	419	543	321	11	17	0	1717
Sole, Dover.....	287289	175766	290056	300802	255443	205394	212722	224751	230758	228350	82415	41452	2535198
Sole, English.....	26511	15435	20433	16577	29359	32258	19844	38751	17444	19013	2750	12059	250434
Sole, flathead.....	0	0	606	39	78	23	241	315	640	576	0	0	2518
Sole, petrale.....	231688	94238	61979	27424	74829	55995	30740	73918	68404	59518	31280	298168	1108181
Sole, rex.....	28933	9748	13985	8409	10915	13310	11123	16135	13167	11990	3285	4360	145360
Sole, rock.....	0	0	45	41	132	79	651	1243	447	16	2	2	2658
Sole, sand.....	1944	971	8228	14006	19528	59576	86762	60283	29846	21714	321	0	303179
Steelhead.....	0	1608	4969	0	0	0	0	5464	16351	8462	0	0	36854
Sturgeon, green.....	6	0	11	36	891	1788	222	127	265	1435	163	0	4944
Sturgeon, white.....	6008	69293	59230	267	1171	51	156	46	146	52031	0	0	188399
Sturgeon, white - eggs	520	0	225	0	0	0	0	0	0	0	0	0	745
Surfperch sp.....	0	68	75	218	0	222	289	441	445	45	16	0	1819
Tuna, albacore.....	0	0	0	0	0	29605	65750	1797474	1131756	694754	29749	0	3749088
Walleye.....	0	72	1116	0	0	0	0	119	362	188	0	0	1857
Whiting, Pac. (hake)..	0	0	256	23672	444255	681091	719396	973819	452128	722363	271523	0	4288503
Wolf-eel.....	0	0	33	98	164	234	147	202	23	21	4	4	930

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1994. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Wrymouth, giant.....	0	0	0	10	16	13	35	28	18	5	0	16	141
CRUSTACEANS:													
Crab, box.....	0	242	2078	0	0	0	403	0	0	0	0	0	2723
Crab, Dungeness, bay..	0	0	0	0	0	59	0	0	73413	77966	20686	2210	174334
Crab, Dungeness, ocean	2533890	675342	675961	271579	260070	307321	541356	455878	0	0	0	8566797	14288194
Crab, hermit.....	0	0	0	0	4	0	0	0	0	0	0	0	4
Crab, kelp.....	0	0	4	0	0	0	0	0	15	0	0	0	19
Crab, rock.....	468	395	449	0	0	31	0	0	155	913	259	53	2723
Crab, tanner.....	0	0	1798	5026	0	0	0	0	0	0	0	0	6824
Crayfish.....	0	0	0	393	6299	21456	14297	12040	11063	6079	0	0	71627
Shrimp, brine.....	0	0	0	0	4140	9699	9367	11645	0	0	0	0	34851
Shrimp, ghost.....	5084	3683	5595	6490	7296	6624	7594	8600	10313	8975	3808	2747	76809
Shrimp, mud.....	5552	6650	5571	3269	2568	1258	256	0	0	681	2077	4191	32073
Shrimp, pink.....	0	0	0	1155551	1651069	2145231	1354572	1603812	1179656	536554	0	0	9626445
Shrimp, Sidestripe....	0	0	0	5	0	0	0	86	0	0	0	0	91
Shrimp, spot.....	20668	22628	13245	25240	36253	37575	5536	80	495	4933	0	0	166653
MOLLUSKS:													
Clams, butter.....	0	68	305	1	0	0	62	66	0	0	0	125	627
Clams, cockle.....	11259	9469	11631	8078	8051	3864	3462	2221	717	1871	2186	2028	64837
Clams, gaper.....	0	0	0	0	0	0	476	212	87	159	263	0	1197
Clams, littleneck.....	0	18	0	392	1019	2387	1883	2360	1780	1135	4	19	10997
Clams, softshell.....	242	388	399	271	417	363	276	402	520	69	676	540	4563
Clams, razor.....	0	0	78	88	576	0	0	183	0	0	17199	10183	28307
Mussels, ocean.....	448	383	525	668	472	362	0	294	223	862	494	633	5364
Mussels, freshwater...	0	0	0	0	0	0	0	4171	729	0	0	0	4900
Octopus.....	1386	617	1170	308	821	914	577	366	245	147	2	80	6633
Scallops, rock.....	0	0	0	0	0	0	0	88	0	0	0	0	88
Scallops, weathervane	10244	15370	12993	0	29346	0	0	0	0	0	0	0	67953
Squid.....	2	0	0	0	18	5387	5247	24920	55	32	0	15	35676

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1994. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
OTHER INVERTEBRATES:													
Sand dollars.....	0	0	0	0	30	11	0	0	0	0	0	0	41
Sea cucumber.....	0	0	0	0	436	11698	6546	2388	0	0	0	0	21068
Sea stars.....	0	0	480	0	98	14	0	0	291	1001	1013	655	3552
Sea urchin, purple....	0	0	0	0	0	0	0	58787	17799	25034	1799	1829	105248
Sea urchin, red.....	180841	193455	214177	127697	85212	81909	80034	66745	84801	70324	113681	74164	1373040
TOTAL	4864065	2524873	3370422	3851501	8735675	8515123	5140770	7587709	6250372	4458523	1232756	9239550	65771339

TABLE 44. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS FROM THE COLUMBIA RIVER, 1994. 1/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
FISH:													
Flounder, starry.....	0	0	7	2	1	0	0	0	0	0	0	0	10
Salmon, chinook.....	0	3815	64812	4462	3539	0	0	158	1090	11914	0	0	89790
Salmon, chum.....	0	0	0	0	0	0	0	0	0	48	0	0	48
Salmon, coho.....	0	0	0	0	0	0	0	2028	300412	98182	0	0	400622
Shad, American.....	0	0	0	0	6524	24693	855	0	0	0	0	0	32072
Smelt (eulachon).....	66	0	147	0	0	0	0	0	0	0	0	10	223
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	632	0	0	632
Sturgeon, white.....	0	45547	20086	267	920	0	0	46	146	52031	0	0	119043
TOTAL	66	49362	85052	4731	10984	24693	855	2232	301648	162807	0	10	642440
ABOVE BONNEVILLE DAM													
FISH:													
Salmon, chinook.....	0	0	770	0	0	0	0	45518	177787	15982	0	0	240057
Salmon, coho.....	0	0	0	0	0	0	0	124	955	1893	0	0	2972
Shad, American.....	0	35	7	0	0	5756	30	18	0	0	0	0	5846
Steelhead.....	0	1608	4969	0	0	0	0	5464	16351	8462	0	0	36854
Sturgeon, white.....	6008	23746	39144	0	0	0	0	0	0	0	0	0	68898
Sturgeon, white - eggs	520	0	225	0	0	0	0	0	0	0	0	0	745
Walleye.....	0	72	1116	0	0	0	0	119	362	188	0	0	1857
TOTAL	6528	25461	46231	0	0	5756	30	51243	195455	26525	0	0	357229
TOTAL	6594	74823	131283	4731	10984	30449	885	53475	497103	189332	0	10	999669

1/ OREGON LANDINGS ONLY

TABLE 45. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT ASTORIA, 1994. 1/ 2/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabazon.....	0	0	0	0	0	59	70	13	0	3	0	0	145
Cod, Pacific.....	11063	2807	4722	5820	9373	17168	19086	20325	3948	6574	121	548	101555
Flounder, arrowtooth..	3827	2323	7214	7673	14994	141366	84652	31104	15401	3887	268	158	312867
Flounder, starry.....	120	5	1012	747	931	5690	7260	7013	4283	6310	0	0	33371
Greenling sp.....	0	0	0	0	10	0	0	0	0	0	0	0	10
Grenadier.....	110	91	133	474	1463	747	88	975	613	160	328	0	5182
Halibut, Pacific.....	0	0	0	0	0	249250	6176	109920	400137	0	0	0	765483
Herring, Pacific.....	0	0	0	0	0	0	0	0	39	0	0	0	39
Lingcod.....	25495	6911	6787	10887	24222	19426	31816	71169	30920	9746	518	2157	240054
Mackerel.....	0	0	0	0	0	1	32	1613	3480	3454	0	0	8580
Pacific Ocean perch...	14937	13343	20925	22891	20909	45107	50260	40310	32285	19248	160	5048	285423
Nominal POP.....	3294	2714	6840	14368	13837	40585	20135	24072	12612	12614	2147	2088	155306
Rockfish, black.....	0	0	148	2914	786	1961	620	1186	391	34	0	0	8040
Rockfish, widow.....	84276	56928	68936	37446	51950	89647	122398	137660	121098	79880	19267	2721	872207
Rockfish, yellowtail..	86147	70821	95965	119423	109800	163295	190685	138548	112939	113001	13230	26448	1240302
Rockfish, other sp....	62530	37467	49369	69279	65137	100145	105591	86970	75310	44559	2999	13032	712388
Thornyhead sp.....	122480	135427	236737	251101	454826	520653	133831	147608	150647	151116	30845	6424	2341695
Sablefish.....	64958	66382	123296	115369	931637	822801	109467	132730	329284	121090	24502	0	2841516
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	517	0	0	517
Sanddab, Pacific.....	1270	969	4459	3919	3682	4504	235	2828	3773	546	0	0	26185
Shad, American.....	0	0	0	0	55	107	2052	218	111	3	0	0	2546
Shark, sixgill.....	75	0	0	0	0	0	0	0	0	0	0	0	75
Shark, soupfin.....	87	93	33	0	0	188	55	10	49	0	0	0	515
Shark, spiny dogfish..	1557	0	0	0	268	4	0	183	5	8147	204	1546	11914
Skates and rays.....	0	0	0	0	0	145	537	690	205	826	4	49	2456
Sole, butter.....	0	0	0	0	0	0	628	0	0	0	0	0	628
Sole, curlfin (turbot)	0	0	0	0	38	53	26	104	62	11	0	0	294
Sole, Dover.....	106467	59987	134845	114832	62336	69163	81438	95894	77812	72264	5033	14635	894706
Sole, English.....	10401	6902	10240	7333	16405	13128	10586	26719	6714	6238	65	1515	116246

TABLE 45. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT ASTORIA, 1994. 1/ 2/ (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, flathead.....	0	0	606	39	78	23	241	315	637	576	0	0	2515
Sole, petrale.....	54474	32976	16728	5238	27474	13516	7481	25821	20538	18146	595	82314	305301
Sole, rex.....	18348	4009	5456	4264	4261	7054	7085	10439	7818	5701	73	677	75185
Sole, rock.....	0	0	10	38	2	3	2	80	65	8	0	2	210
Sole, sand.....	668	961	7943	13607	8718	38894	52511	27469	11432	4041	0	0	166244
Sturgeon, green.....	6	0	11	15	112	60	134	36	25	0	0	0	399
Sturgeon, white.....	0	0	0	0	0	0	156	0	0	0	0	0	156
Surfperch sp.....	0	0	28	10	0	0	0	0	0	0	0	0	38
Tuna, albacore.....	0	0	0	0	0	0	0	102813	182416	214540	0	0	499769
Whiting, Pac. (hake)..	0	0	0	1862	123723	217396	192466	297577	240537	170366	38272	0	1282199
Wolf-eel.....	0	0	0	4	51	71	5	55	0	0	0	0	186
Wrymouth, giant.....	0	0	0	0	0	13	33	24	17	5	0	5	97
CRUSTACEANS:													
Crab, box.....	0	102	2078	0	0	0	300	0	0	0	0	0	2480
Crab, Dungeness, ocean	1454883	368766	304055	110522	60961	33542	24003	20665	0	0	0	1521461	3898858
Crab, tanner.....	0	0	1798	5026	0	0	0	0	0	0	0	0	6824
Shrimp, pink.....	0	0	0	223845	359651	167552	296362	297060	50243	21983	0	0	1416696
Shrimp, spot.....	0	0	0	0	173	5040	5266	0	0	0	0	0	10479
MOLLUSKS:													
Octopus.....	473	570	603	201	220	328	127	166	76	65	2	27	2858
Scallops, weathervane	0	0	200	0	0	0	0	0	0	0	0	0	200
Squid.....	0	0	0	0	18	77	51	27	55	32	0	15	275
OTHER INVERTEBRATES:													
TOTAL	2127946	870554	1111177	1149147	2368101	2788762	1563947	1860409	1895977	1095691	138633	1680870	18651214

1/ OCEAN LANDINGS ONLY; SEE TABLE 44 FOR COLUMBIA RIVER LANDINGS.

2/ INCLUDES LANDINGS AT WARRENTON AND HAMMOND.

TABLE 45A. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GEARHART/SEASIDE, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Clams, razor.....	0	0	0	0	0	0	0	0	0	0	17199	10183	27382
TOTAL	0	0	0	0	0	0	0	0	0	0	17199	10183	27382

TABLE 45B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT CANNON BEACH, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	0	26	85	0	0	0	0	0	111
Rockfish, black.....	0	0	0	0	0	73	289	0	0	0	0	0	362
TOTAL	0	0	0	0	0	99	374	0	0	0	0	0	473

TABLE 46. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEHALEM BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, ghost.....	62	36	113	145	173	163	256	233	260	1408	288	40	3177
MOLLUSKS:													
Clams, cockle.....	0	0	0	30	45	72	0	14	0	0	0	0	161
Clams, littleneck.....	0	0	0	360	978	2323	1802	1947	1780	1135	0	0	10325
TOTAL	62	36	113	535	1196	2558	2058	2194	2040	2543	288	40	13663

TABLE 47. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GARIBALDI, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabazon.....	0	0	0	0	0	0	54	0	0	0	0	0	54
Cod, Pacific.....	596	98	109	674	1020	263	118	48	11	82	0	0	3019
Flounder, arrowtooth..	802	529	1069	1111	2234	303	413	16	122	36	0	10	6645
Flounder, starry.....	0	0	0	0	0	160	454	76	0	0	0	0	690
Grenadier.....	0	0	0	0	0	0	0	0	14	0	0	0	14
Halibut, Pacific.....	0	0	0	0	0	0	8262	6570	0	0	0	0	14832
Lingcod.....	5915	280	762	2391	8297	3787	5783	3483	1310	365	0	92	32465
Pacific Ocean perch...	0	0	0	237	0	416	659	1553	952	222	0	0	4039
Nominal POP.....	4253	1174	5072	19896	19481	10136	12676	3120	4657	2968	0	33	83466
Rockfish, black.....	0	0	0	64	58	787	794	31	15	37	0	0	1786
Rockfish, widow.....	10235	5030	11181	5430	11829	470	6311	1777	594	8942	0	29	61828
Rockfish, yellowtail..	10058	6797	13585	12570	19077	3078	13149	6089	6557	11615	0	204	102779
Rockfish, other sp....	3042	1350	3983	3737	6421	2786	9279	7303	2820	1655	4	76	42456
Thornyhead sp.....	3865	2580	7332	5418	16789	6895	11512	1684	8766	7567	0	25	72433
Sablefish.....	4304	1625	4111	10538	27394	4340	8068	2595	5468	2920	0	0	71363
Salmon, chinook.....	0	0	0	0	3530	8681	0	0	0	54996	1289	0	68496
Sanddab, Pacific.....	0	0	0	133	335	31	427	194	0	0	0	0	1120
Shark, soupfin.....	0	23	0	0	0	0	0	0	0	0	0	0	23
Sole, Dover.....	18003	10728	8349	25069	29015	7249	12265	1468	4154	2103	0	828	119231
Sole, English.....	315	167	93	705	1417	952	1112	596	132	109	0	83	5681
Sole, flathead.....	0	0	0	0	0	0	0	0	3	0	0	0	3
Sole, petrale.....	5862	1142	620	1900	6565	1563	1552	757	351	91	0	2374	22777
Sole, rex.....	596	341	312	647	1491	341	249	56	50	93	0	34	4210
Sole, rock.....	0	0	0	0	0	0	34	20	1	0	0	0	55
Sole, sand.....	0	0	0	0	0	2250	5439	683	1	0	0	0	8373
Sturgeon, green.....	0	0	0	0	0	0	24	0	0	0	0	0	24
Tuna, albacore.....	0	0	0	0	0	0	0	179599	90797	81268	0	0	351664
Wolf-eel.....	0	0	0	0	0	15	30	3	0	0	0	0	48

TABLE 47. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GARIBALDI, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, ocean	113798	30337	58464	26233	31838	24181	19765	14563	0	0	0	98646	417825
Shrimp, pink.....	0	0	0	22547	62278	30003	40010	72183	9440	7476	0	0	243937
Shrimp, spot.....	20668	22628	13245	23466	30584	32444	0	0	495	4616	0	0	148146
MOLLUSKS:													
Clams, butter.....	0	68	305	1	0	0	20	66	0	0	0	125	585
Clams, cockle.....	10746	8622	11125	7241	5953	2791	2929	2110	567	1871	1507	720	56182
Clams, gaper.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Clams, littleneck.....	0	18	0	32	41	64	0	413	0	0	0	19	587
Octopus.....	0	0	65	0	0	0	25	7	0	0	0	0	97
TOTAL	213058	93537	139782	170040	285647	143986	161413	307065	137277	189032	2800	103298	1946935

TABLE 48. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NETARTS BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	171	0	0	171
CRUSTACEANS:													
Shrimp, mud.....	5529	6639	5553	3255	2563	1258	256	0	0	681	2076	4144	31954
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0	0	129	129
TOTAL	5529	6639	5553	3255	2563	1258	256	0	0	852	2076	4273	32254

TABLE 49. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PACIFIC CITY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	6	3	0	0	18	49	10	34	3	0	0	0	123
Halibut, Pacific.....	0	0	0	0	0	0	616	90	0	0	0	0	706
Lingcod.....	1594	437	2517	225	975	3987	1849	705	19	93	0	0	12401
Rockfish, black.....	0	0	0	169	419	3215	1841	2273	0	0	0	0	7917
Rockfish, other sp....	50	40	170	248	359	1251	2111	1548	103	18	0	0	5898
Salmon, chinook.....	0	0	0	0	681	672	0	0	0	7461	0	0	8814
Tuna, albacore.....	0	0	0	0	0	0	0	2748	0	0	0	0	2748
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	0	420	0	0	420
Crab, Dungeness, ocean	0	0	0	0	112	1912	7241	9164	0	0	0	279	18708
Shrimp, ghost.....	45	14	77	29	81	109	67	39	232	166	59	47	965
TOTAL	1695	494	2764	671	2645	11195	13735	16601	357	8158	59	326	58700

TABLE 49A. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT SALMON RIVER, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	0	0	113	110	210	200	0	0	633
Rockfish, black.....	0	0	0	0	0	0	0	34	33	55	0	0	122
Salmon, chinook.....	0	0	0	0	0	0	0	0	711	0	0	0	711
TOTAL	0	0	0	0	0	0	113	144	954	255	0	0	1466

TABLE 50. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT SILETZ BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	126	145	0	0	271
TOTAL	0	0	0	0	0	0	0	0	126	145	0	0	271

TABLE 51. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT DEPOE BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	19	38	138	3	88	141	3	0	0	0	430
Halibut, Pacific.....	0	0	0	0	0	0	2467	255	0	0	0	0	2722
Lingcod.....	499	139	842	263	152	1101	661	1890	1856	2579	0	0	9982
Rockfish, black.....	0	394	113	12	45	2685	266	658	264	81	0	0	4518
Rockfish, yellowtail..	0	0	0	0	104	169	0	0	0	243	0	0	516
Rockfish, other sp....	2426	2620	5553	2400	1660	399	315	435	35	393	0	0	16236
Sablefish.....	0	0	0	0	204	0	0	0	0	0	0	0	204
Salmon, chinook.....	0	0	0	0	1078	2014	0	0	655	252	0	0	3999
Tuna, albacore.....	0	0	0	0	0	0	0	466	0	0	0	0	466
Wolf-eel.....	0	0	0	0	0	0	7	35	0	0	0	0	42
CRUSTACEANS:													
Crab, Dungeness, ocean	19445	2907	7433	3451	5026	18219	21103	27285	0	0	0	30931	135800
OTHER INVERTEBRATES:													
Sea urchin, purple....	0	0	0	0	0	0	0	1335	5230	4217	448	1829	13059
Sea urchin, red.....	8224	2290	5414	0	1083	24091	9510	7321	4590	4716	1265	96	68600
TOTAL	30594	8350	19374	6164	9490	48681	34417	39821	12633	12481	1713	32856	256574

TABLE 52. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEWPORT, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	20	22	49	5	140	64	138	26	0	0	464
Cod, Pacific.....	4053	1003	90	490	1792	4434	2077	4324	1404	1091	51	1	20810
Flounder, arrowtooth..	1378	518	1142	2261	2256	3213	2138	2919	2468	1769	223	61	20346
Flounder, starry.....	4	12	0	76	311	851	991	403	135	1099	184	0	4066
Greenling sp.....	0	15	140	30	36	56	136	212	243	38	0	0	906
Grenadier.....	0	0	0	99	19	1804	5	47	8	17	0	0	1999
Halibut, Pacific.....	0	0	0	0	68	321	56639	9059	76016	0	0	0	142103
Herring, Pacific.....	0	2608	225	0	0	0	0	0	0	0	0	0	2833
Lingcod.....	29020	6704	13472	7925	12488	23259	28241	27821	16309	12247	1334	393	179213
Lord, brown Irish.....	0	0	0	0	0	0	0	0	0	20	0	0	20
Lord, red Irish.....	0	0	0	0	84	62	24	60	84	0	0	0	314
Mackerel.....	0	0	0	0	20	0	0	148	614	6525	1338	0	8645
Ratfish.....	0	25	0	0	0	0	0	30	0	0	0	0	55
Pacific Ocean perch...	9343	6260	15159	7090	15027	14786	8085	12941	11101	6865	1545	1156	109358
Nominal POP.....	51762	34050	59234	30038	50927	44279	18461	22502	33026	11039	1663	4831	361812
Rockfish, black.....	117	5	316	118	573	456	281	2184	380	95	0	0	4525
Rockfish, widow.....	151445	120486	126272	90886	127429	148929	163275	136690	132572	135459	133637	1923	1469003
Rockfish, yellowtail..	108251	83557	100077	73408	65127	90852	63800	58866	30568	27207	9622	27	711362
Rockfish, other sp....	47222	38064	70667	38758	42911	82123	47501	44425	42772	29304	8928	1046	493721
Thornyhead sp.....	79434	82481	114303	139694	205508	231728	73285	79054	96081	69832	10886	2751	1185037
Sablefish.....	30912	22126	37675	128034	683579	318601	53893	64231	67637	52721	15154	0	1474563
Salmon, chinook.....	0	0	0	0	152997	142144	1021	0	15758	62625	635	0	375180
Sanddab, Pacific.....	739	320	3172	6229	799	481	0	122	2	0	4	96	11964
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	4	0	0	0	4
Sculpin, other sp....	0	0	5	10	0	80	43	28	28	12	0	0	206
Shark, blue.....	0	0	11	0	0	0	33	0	0	0	0	0	44
Shark, soupfin.....	221	70	69	0	0	30	34	20	0	0	14	0	458
Shark, spiny dogfish..	0	0	0	0	0	12	10	0	28	0	0	0	50
Skates and rays.....	41	14	15	0	0	0	0	20	19	7	0	0	116

TABLE 52. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEWPORT, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, curlfin (turbot)	143	0	0	0	0	0	217	0	0	0	17	0	377
Sole, Dover.....	33868	22065	32714	58635	44331	54198	34578	36256	43549	40079	16995	3341	420609
Sole, English.....	4224	1890	4925	3445	5390	12080	5503	5958	4785	7362	956	196	56714
Sole, petrale.....	33902	9874	20439	6872	12468	26842	12881	15417	22568	14598	6495	9470	191826
Sole, rex.....	3605	1765	2161	1658	1483	3073	1995	2263	1348	2201	940	175	22667
Sole, rock.....	0	0	0	2	1	0	18	30	0	0	1	0	52
Sole, sand.....	5	0	0	399	6270	9868	9128	5337	1405	17673	321	0	50406
Sturgeon, green.....	0	0	0	21	62	139	0	0	0	803	163	0	1188
Surfperch sp.....	0	0	0	0	0	222	230	441	445	45	16	0	1399
Tuna, albacore.....	0	0	0	0	0	29605	60021	1106613	640333	289346	16881	0	2142799
Whiting, Pac. (hake)..	0	0	0	21605	313433	463695	525635	656573	211496	551997	232950	0	2977384
Wolf-eel.....	0	0	15	76	55	19	34	44	4	5	0	0	252
Wrymouth, giant.....	0	0	0	0	0	0	0	4	0	0	0	11	15
CRUSTACEANS:													
Crab, box.....	0	140	0	0	0	0	103	0	0	0	0	0	243
Crab, Dungeness, bay..	0	0	0	0	0	59	0	0	231	980	0	0	1270
Crab, Dungeness, ocean	470122	165498	132004	60921	84379	143468	236652	170700	0	0	0	3146370	4610114
Crab, hermit.....	0	0	0	0	4	0	0	0	0	0	0	0	4
Crab, kelp.....	0	0	4	0	0	0	0	0	15	0	0	0	19
Crab, rock.....	468	395	426	0	0	31	0	0	155	913	259	53	2700
Shrimp, pink.....	0	0	0	253772	386673	193230	240976	371587	312801	173162	0	0	1932201
Shrimp, spot.....	0	0	0	240	0	0	0	0	0	0	0	0	240
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	92	0	0	0	0	0	260	352
Clams, gaper.....	0	0	0	0	0	0	20	210	87	159	213	0	689
Clams, littleneck.....	0	0	0	0	0	0	0	0	0	0	4	0	4
Clams, razor.....	0	0	78	88	576	0	0	183	0	0	0	0	925
Mussels, ocean.....	0	0	9	0	0	0	0	0	0	0	0	0	9
Octopus.....	689	14	393	70	287	367	360	60	156	63	0	0	2459

TABLE 52. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEWPORT, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Scallops, weathervane	0	0	0	0	29346	0	0	0	0	0	0	0	29346
Squid.....	2	0	0	0	0	5310	0	0	0	0	0	0	5312
OTHER INVERTEBRATES:													
Sand dollars.....	0	0	0	0	30	11	0	0	0	0	0	0	41
Sea stars.....	0	0	480	0	98	14	0	0	291	1001	1013	655	3552
Sea urchin, red.....	0	0	0	0	0	2552	692	3487	537	0	0	0	7268
TOTAL	1060970	599959	735712	932972	2246886	2053381	1649156	2841333	1767601	1518385	462442	3172816	19041613

TABLE 53. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT WALDPOR, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	29351	41047	5945	64	76407
Shrimp, ghost.....	4474	3098	4735	5773	6344	5435	6432	7619	9090	6615	3045	2227	64887
Shrimp, mud.....	23	11	18	14	5	0	0	0	0	0	1	47	119
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	90	0	0	0	0	0	647	730	1467
TOTAL	4497	3109	4753	5787	6439	5435	6432	7619	38441	47662	9638	3068	142880

TABLE 53A. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT YACHATS, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Mussels, ocean.....	448	383	456	318	472	312	0	294	79	629	451	633	4475
TOTAL	448	383	456	318	472	312	0	294	79	629	451	633	4475

TABLE 54. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT FLORENCE, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	4	0	0	0	0	0	0	4
Cod, Pacific.....	0	0	0	0	0	0	1	0	0	0	0	0	1
Flounder, arrowtooth..	0	0	0	0	10	3	0	0	0	0	0	0	13
Flounder, starry.....	0	0	0	0	41	159	173	91	0	0	0	0	464
Halibut, Pacific.....	0	0	0	0	0	0	7211	958	0	0	0	0	8169
Lingcod.....	5	11	37	12	246	505	521	717	124	59	0	0	2237
Nominal POP.....	0	0	9	33	0	2	2	0	0	12	0	0	58
Rockfish, black.....	0	0	0	0	0	0	0	19	4	0	0	0	23
Rockfish, widow.....	0	0	273	135	0	0	0	0	0	0	0	0	408
Rockfish, yellowtail..	973	851	6024	3670	1592	2684	330	108	17	2061	0	0	18310
Rockfish, other sp....	134	256	1413	1499	997	2095	315	182	50	670	0	0	7611
Sablefish.....	0	0	0	237	168682	59228	129	0	0	0	0	0	228276
Salmon, chinook.....	0	0	0	0	3181	17797	0	0	4751	1844	0	0	27573
Sanddab, Pacific.....	7562	7140	8443	6358	2012	6191	5428	9994	3623	3900	0	0	60651
Shad, American.....	0	0	0	11	0	0	0	0	0	0	0	0	11
Skates and rays.....	0	0	41	16	0	0	6	0	0	0	0	0	63
Sole, curlfin (turbot)	0	0	0	0	0	0	77	0	0	0	0	0	77
Sole, Dover.....	0	0	0	0	271	60	41	41	0	0	0	0	413
Sole, English.....	93	252	164	129	85	221	377	338	208	299	0	0	2166
Sole, petrale.....	134	400	662	518	137	425	467	1608	509	465	0	0	5325
Sole, rex.....	0	25	0	0	0	29	133	109	0	0	0	0	296
Sole, rock.....	0	0	0	0	114	76	488	570	0	0	0	0	1248
Sole, sand.....	0	0	0	0	1551	2657	5494	1244	0	0	0	0	10946
Sturgeon, green.....	0	0	0	0	174	193	0	0	0	0	0	0	367
Tuna, albacore.....	0	0	0	0	0	0	824	19372	12205	17122	0	0	49523
Wolf-eel.....	0	0	0	0	0	0	4	0	0	0	0	0	4
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	156	0	0	0	156

TABLE 54. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT FLORENCE, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Crab, Dungeness, ocean	27303	8164	21851	9420	8150	19203	96180	91030	0	0	0	18397	299698
Shrimp, ghost.....	53	151	166	159	84	227	250	225	211	316	76	53	1971
Shrimp, pink.....	0	0	0	0	0	3357	0	0	3380	0	0	0	6737
MOLLUSKS:													
Mussels, ocean.....	0	0	60	350	0	50	0	0	0	0	0	0	460
TOTAL	36257	17250	39143	22547	187327	115166	118451	126606	25238	26748	76	18450	733259

TABLE 55. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT WINCHESTER BAY, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Anchovy, northern.....	0	0	0	0	0	0	0	200	0	0	0	0	200
Halibut, Pacific.....	0	0	0	0	0	0	2973	0	0	0	0	0	2973
Herring, Pacific.....	0	0	0	0	0	0	240	0	0	0	0	0	240
Lingcod.....	188	193	123	392	619	290	3385	5446	0	64	0	0	10700
Rockfish, widow.....	0	0	11	0	0	0	0	0	0	0	0	0	11
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	0	7	0	7
Rockfish, other sp....	19	30	40	43	347	466	407	282	16	84	56	0	1790
Thornyhead sp.....	0	0	0	0	67	0	0	0	0	0	0	0	67
Sablefish.....	0	0	0	0	4941	0	222	0	0	0	0	0	5163
Salmon, chinook.....	0	0	0	0	4876	12630	0	0	817	3861	0	0	22184
Shad, American.....	0	0	0	0	3000	4691	177	0	0	0	0	0	7868
Smelt, other sp.....	0	0	0	0	0	0	215	0	0	0	0	0	215
Sole, Dover.....	0	0	0	0	54	0	0	0	0	0	0	0	54
Tuna, albacore.....	0	0	0	0	0	0	166	51043	3108	0	0	0	54317
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	28995	14968	6057	0	50020
Crab, Dungeness, ocean	99964	16965	33452	11264	28117	29363	72050	41085	0	0	0	129612	461872
Shrimp, ghost.....	0	0	0	0	0	0	9	4	0	0	0	0	13
MOLLUSKS:													
Clams, softshell.....	242	388	359	221	417	363	276	402	520	69	676	540	4473
TOTAL	100413	17576	33985	11920	42438	47803	80120	98462	33456	19046	6796	130152	622167

TABLE 56. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT CHARLESTON, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabazon.....	0	0	14	0	0	10	37	78	0	0	8	47	194
Cod, Pacific.....	132	13	3	121	540	1894	273	179	95	44	0	0	3294
Flounder, arrowtooth..	1527	972	824	1795	2938	2748	2452	1449	2314	2162	1055	3639	23875
Flounder, starry.....	0	0	0	0	329	856	2757	1106	701	0	0	0	5749
Grenadier.....	5047	4219	6962	8750	13869	21494	5769	8616	9308	6062	2814	397	93307
Hagfish sp.....	0	0	1343	0	0	0	0	0	0	0	0	0	1343
Halibut, California...	0	0	0	0	0	0	22	4	0	0	0	0	26
Halibut, Pacific.....	0	0	0	0	0	0	1921	0	56185	0	0	0	58106
Lingcod.....	9562	12598	16686	21361	19347	17108	9600	14805	16067	22413	4885	1925	166357
Mackerel.....	0	0	0	0	0	79	30	22	0	0	0	0	131
Pollock, walleye.....	0	0	0	0	0	0	0	4	0	0	0	0	4
Pacific Ocean perch...	461	956	0	0	0	1823	772	740	1011	848	2	0	6613
Nominal POP.....	20382	12262	16056	15986	26283	12447	15033	11104	25204	27348	8720	3425	194250
Rockfish, black.....	0	0	0	120	98	294	208	316	50	0	0	0	1086
Rockfish, widow.....	56204	37655	43298	21940	38148	12150	36594	50607	49693	32204	29945	2503	410941
Rockfish, yellowtail..	26550	18038	32644	26571	26090	12866	13715	14646	5134	13394	4857	2652	197157
Rockfish, other sp....	17578	21361	36265	29465	47035	31694	31556	25181	22470	45698	20968	27768	357039
Thornyhead sp.....	196711	144718	256231	229498	395187	332200	89480	100547	119310	143233	93110	11516	2111741
Sablefish.....	53552	37065	71989	96326	902089	345458	56983	155447	106164	92228	61139	0	1978440
Salmon, chinook.....	0	0	0	0	18487	16305	579	294	2219	8712	0	0	46596
Sanddab, Pacific.....	14623	6424	6760	2220	255	129	22	7242	13171	22099	60859	85195	218999
Shad, American.....	0	0	0	0	0	60	0	0	0	0	0	0	60
Shark, blue.....	0	0	0	0	0	0	0	15	0	0	0	0	15
Shark, soupfin.....	54	118	0	155	65	17	0	12	0	62	0	0	483
Shark, spiny dogfish..	0	0	0	0	0	0	0	3	0	0	0	29	32
Shark, other sp.....	0	0	0	0	0	0	0	0	20	0	0	0	20
Skates and rays.....	0	0	0	0	176	20	19	844	243	173	63	181	1719
Sole, curlfin (turbot)	0	0	0	0	73	84	99	439	259	0	0	0	954
Sole, Dover.....	113335	61156	90720	80385	89387	49213	56883	64987	81277	82918	48099	19607	837967

TABLE 56. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT CHARLESTON, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, English.....	11168	5833	3295	4354	3671	2448	1968	3841	4672	4220	1722	10229	57421
Sole, petrale.....	95361	28524	12493	7560	11856	4632	1350	12820	10276	11494	24154	188665	409185
Sole, rex.....	5043	1819	1688	729	2173	1235	1033	1954	3075	2307	1900	3140	26096
Sole, rock.....	0	0	0	1	15	0	109	543	381	3	1	0	1053
Sole, sand.....	180	10	0	0	2933	5902	14189	25094	17008	0	0	0	65316
Sturgeon, green.....	0	0	0	0	543	1396	64	91	240	0	0	0	2334
Sturgeon, white.....	0	0	0	0	251	51	0	0	0	0	0	0	302
Tuna, albacore.....	0	0	0	0	0	0	4739	262716	102856	44655	10998	0	425964
Whiting, Pac. (hake)..	0	0	256	205	7099	0	1295	19669	95	0	301	0	28920
Wolf-eel.....	0	0	9	9	58	86	45	5	0	0	0	4	216
Wrymouth, giant.....	0	0	0	10	16	0	2	0	1	0	0	0	29
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	14014	19652	8522	2146	44334
Crab, Dungeness, ocean	133776	19716	51625	22977	26314	29535	51974	64407	0	0	0	1779432	2179756
Shrimp, ghost.....	450	384	504	384	614	690	580	480	520	470	340	380	5796
Shrimp, pink.....	0	0	0	418603	485004	813542	597443	359821	376265	157618	0	0	3208296
Shrimp, Sidestripe....	0	0	0	5	0	0	0	0	0	0	0	0	5
Shrimp, spot.....	0	0	0	1534	5496	0	0	0	0	0	0	0	7030
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	42	0	0	0	0	0	42
Clams, cockle.....	513	847	506	807	1963	909	533	97	150	0	32	189	6546
Clams, gaper.....	0	0	0	0	0	0	456	0	0	0	50	0	506
Clams, littleneck.....	0	0	0	0	0	0	81	0	0	0	0	0	81
Octopus.....	0	7	0	0	139	194	50	0	0	0	0	0	390
Scallops, weathervane	10244	15370	12793	0	0	0	0	0	0	0	0	0	38407
Squid.....	0	0	0	0	0	0	5196	24893	0	0	0	0	30089
OTHER INVERTEBRATES:													
Sea urchin, purple....	0	0	0	0	0	0	0	56976	11191	17801	0	0	85968
Sea urchin, red.....	1674	0	0	5150	2745	5060	0	7232	1202	0	0	0	23063
TOTAL	774127	430065	662964	997021	2131286	1724629	1005953	1299326	1052841	757818	384544	2143069	13363643

TABLE 57. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BANDON, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	880	137	0	0	0	0	1017
Lingcod.....	0	0	0	0	52	131	15	44	0	0	0	0	242
Nominal POP.....	0	0	0	0	0	0	0	12	0	0	0	0	12
Rockfish, black.....	0	0	0	0	0	232	227	6	112	0	0	0	577
Rockfish, other sp....	0	126	106	247	334	1782	589	1718	135	593	0	0	5630
Sablefish.....	0	0	0	0	0	0	143	324	0	0	0	0	467
Salmon, chinook.....	0	0	0	0	2820	8088	0	0	277	160	0	0	11345
Tuna, albacore.....	0	0	0	0	0	0	0	3571	5087	0	0	0	8658
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	395	754	162	0	1311
MOLLUSKS:													
Clams, softshell.....	0	0	40	50	0	0	0	0	0	0	0	0	90
Mussels, ocean.....	0	0	0	0	0	0	0	0	80	233	43	0	356
TOTAL	0	126	146	297	3206	10233	1854	5812	6086	1740	205	0	29705

TABLE 58. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PORT ORFORD, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	20	4	5	15	45	182	445	1049	869	720	284	160	3798
Flounder, arrowtooth..	0	0	0	0	10	4	0	0	0	0	0	0	14
Greenling sp.....	0	0	0	0	0	0	16	0	0	0	0	0	16
Halibut, Pacific.....	0	0	0	0	0	0	5691	0	0	0	0	0	5691
Lingcod.....	2965	1998	2939	2053	4283	4257	1312	4629	3502	2921	1863	568	33290
Pacific Ocean perch....	0	0	0	0	892	85	0	0	0	2	0	0	979
Rockfish, black.....	272	78	842	1185	8809	8185	5643	10716	4713	4427	1313	916	47099
Rockfish, widow.....	1	0	0	0	33	0	0	0	686	0	0	0	720
Rockfish, yellowtail..	1022	758	4091	3592	2106	3880	811	4829	643	690	134	14	22570
Rockfish, other sp....	14822	8523	20555	16308	15243	19876	9813	45415	10822	6441	4703	1036	173557
Thornyhead sp.....	0	0	0	0	6	0	0	0	0	0	0	0	6
Sablefish.....	0	0	0	0	321783	103230	214	0	170	3240	4232	0	432869
Salmon, chinook.....	0	0	0	0	0	2707	0	674	207	50636	16144	0	70368
Shark, soupfin.....	34	0	0	0	0	0	0	0	0	0	0	25	59
Sole, Dover.....	0	0	0	0	3	9	0	0	0	0	0	1	13
Sole, petrale.....	0	0	0	0	0	1	0	5	0	0	0	0	6
Sole, rock.....	0	0	0	0	0	0	0	0	0	5	0	0	5
Sole, sand.....	0	0	0	0	0	5	0	0	0	0	0	0	5
Tuna, albacore.....	0	0	0	0	0	0	0	41352	7118	0	0	0	48470
Wolf-eel.....	0	0	9	4	0	10	13	55	19	16	4	0	130
CRUSTACEANS:													
Crab, Dungeness, ocean	55728	16190	32127	14635	9682	4256	5745	13905	0	0	0	453956	606224
Crab, rock.....	0	0	23	0	0	0	0	0	0	0	0	0	23
Shrimp, pink.....	0	0	0	3254	6470	4697	7457	5057	3496	0	0	0	30431
MOLLUSKS:													
Mussels, ocean.....	0	0	0	0	0	0	0	0	64	0	0	0	64
Octopus.....	148	26	40	0	31	0	0	67	0	0	0	10	322

TABLE 58. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PORT ORFORD, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
OTHER INVERTEBRATES:													
Sea cucumber.....	0	0	0	0	436	11698	6454	2240	0	0	0	0	20828
Sea urchin, purple....	0	0	0	0	0	0	0	476	1378	3016	1351	0	6221
Sea urchin, red.....	160791	183023	199351	97323	18164	3067	11031	10583	57281	61602	106266	54056	962538
TOTAL	235803	210600	259982	138369	387996	166149	54645	141052	90968	133716	136294	510742	2466316

TABLE 59. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GOLD BEACH, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	34	0	0	0	0	0	0	34
Halibut, Pacific.....	0	0	0	0	0	0	245	0	0	0	0	0	245
Lingcod.....	0	0	0	0	0	80	2	17	95	0	0	0	194
Nominal POP.....	0	0	0	0	0	10	0	0	0	0	0	0	10
Rockfish, black.....	0	0	0	0	65	50	30	0	5	0	0	0	150
Rockfish, widow.....	0	0	0	0	0	0	0	0	20	0	0	0	20
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	50	0	0	0	50
Rockfish, other sp....	0	0	0	0	0	543	2	5	608	0	0	0	1158
Sablefish.....	0	0	0	0	0	201	0	0	0	0	0	0	201
Salmon, chinook.....	0	0	0	0	0	88	0	3513	0	0	0	0	3601
Surfperch sp.....	0	0	0	53	0	0	0	0	0	0	0	0	53
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	145	0	0	0	145
Crab, Dungeness, ocean	0	0	0	173	0	0	536	0	0	0	0	0	709
OTHER INVERTEBRATES:													
Sea cucumber.....	0	0	0	0	0	0	92	148	0	0	0	0	240
Sea urchin, red.....	10152	6710	4524	24762	59392	46129	53617	30922	17917	0	4047	18857	277029
TOTAL	10152	6710	4524	24988	59457	47135	54524	34605	18840	0	4047	18857	283839

TABLE 60. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BROOKINGS, 1994.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	30	0	10	16	4	22	8	0	0	0	90
Flounder, arrowtooth..	261	294	454	208	434	443	355	358	312	419	202	75	3815
Flounder, starry.....	3	0	11	0	0	0	0	95	0	0	0	0	109
Greenling sp.....	0	0	3	0	0	0	0	7	0	0	0	0	10
Grenadier.....	88	438	1293	226	3471	2804	507	535	977	852	176	77	11444
Halibut, California...	0	0	48	0	0	0	0	0	0	0	0	0	48
Halibut, Pacific.....	0	0	0	0	0	0	12689	0	0	0	0	0	12689
Lingcod.....	464	1138	8713	3146	12017	7869	5790	11637	8991	9365	93	147	69370
Nominal POP.....	547	940	4197	2151	5801	5330	1692	6753	3632	3688	256	50	35037
Rockfish, black.....	0	0	0	101	941	2821	4717	2552	921	630	0	0	12683
Rockfish, widow.....	8823	10153	16609	30135	40402	20190	25859	30112	10617	13978	9547	0	216425
Rockfish, yellowtail..	0	2711	6008	3060	11071	7106	635	1056	2721	3063	27	0	37458
Rockfish, other sp....	1077	3864	9022	6224	5503	9687	11753	7137	2668	4549	84	106	61674
Thornyhead sp.....	16224	52414	62315	39135	123293	99106	48511	49636	44588	57832	22595	1786	617435
Sablefish.....	7690	19073	25342	22247	356936	152799	30306	28610	26975	38129	15839	0	723946
Salmon, chinook.....	0	0	0	0	6173	0	2491	2802	0	38496	0	0	49962
Sanddab, Pacific.....	1483	6	3828	602	2215	598	220	1119	1062	491	0	0	11624
Shark, blue.....	0	0	0	0	0	0	0	27	0	0	0	0	27
Shark, soupfin.....	0	0	0	0	51	71	0	12	0	56	0	0	190
Sole, curlfin (turbot)	0	0	15	0	0	0	0	0	0	0	0	0	15
Sole, Dover.....	15616	21830	23428	21881	30046	25502	27517	26105	23966	30986	12288	3040	262205
Sole, English.....	310	391	1716	611	2391	3429	298	1299	933	785	7	36	12206
Sole, petrale.....	41955	21322	11037	5336	16329	9016	7009	17490	14162	14724	36	15345	173761
Sole, rex.....	1341	1789	4368	1111	1507	1578	628	1314	876	1688	372	334	16906
Sole, rock.....	0	0	35	0	0	0	0	0	0	0	0	0	35
Sole, sand.....	1091	0	285	0	56	0	1	456	0	0	0	0	1889
Surfperch sp.....	0	68	47	155	0	0	59	0	0	0	0	0	329
Tuna, albacore.....	0	0	0	0	0	0	0	27181	87836	47823	1870	0	164710
Wolf-eel.....	0	0	0	5	0	33	9	5	0	0	0	0	52

TABLE 60. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BROOKINGS, 1994.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, ocean	158871	46799	34950	11983	5491	3642	6107	3074	0	0	0	1387713	1658630
Shrimp, pink.....	0	0	0	233530	350993	932850	172324	498104	424031	176315	0	0	2788147
Shrimp, Sidestripe....	0	0	0	0	0	0	0	86	0	0	0	0	86
Shrimp, spot.....	0	0	0	0	0	91	270	80	0	317	0	0	758
MOLLUSKS:													
Octopus.....	76	0	69	37	144	25	15	66	13	19	0	43	507
Scallops, rock.....	0	0	0	0	0	0	0	88	0	0	0	0	88
OTHER INVERTEBRATES:													
Sea urchin, red.....	0	1432	4888	462	3828	1010	5184	7200	3274	4006	2103	1155	34542
TOTAL	255920	184662	218711	382346	979103	1286016	364950	725018	658563	448211	65495	1409907	6978902

Table 61. Salmon (Numbers and Pounds) harvested by Oregon private hatcheries 1990-1994

Table 62. Pounds of salmon harvested by Oregon private salmon hatcheries, 1994

One hatchery reported returns. This information is considered proprietary and is not listed.

TABLE 63. MONTHLY LANDINGS (POUNDS ROUND) OF CARP, CRAYFISH, FRESHWATER MUSSELS, PACIFIC LAMPREY AND BRINE SHRIMP HARVESTED IN OREGON, 1994.

COUNTY/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BENTON													
Mussels, Freshwater	0	0	0	0	0	0	0	11916	2083	0	0	0	13999
CLACKAMAS													
Crayfish	0	0	0	0	0	283	1215	0	0	0	0	0	1498
Lamprey, Pacific	0	0	0	0	0	2064	12119	77	0	0	0	0	14260
TOTAL	0	0	0	0	0	2347	13334	77	0	0	0	0	15758
CLATSOP													
Crayfish	0	0	0	0	0	894	1558	2637	1138	0	0	0	6227
COLUMBIA													
Crayfish	0	0	0	0	0	2768	1875	1809	2691	3148	0	0	12291
COOS													
Crayfish	0	0	0	0	0	19	0	0	0	0	0	0	19
JEFFERSON													
Crayfish	0	0	0	371	1228	1750	1029	2071	2513	784	0	0	9746
LAKE													
Shrimp, Brine	0	0	0	0	4870	11410	11020	13700	0	0	0	0	41000
MULTNOMAH													
Crayfish	0	0	0	0	0	2875	3293	3697	3894	1749	0	0	15508
POLK													
Crayfish	0	0	0	0	0	635	0	0	0	0	0	0	635
WASHINGTON													
Crayfish	0	0	0	0	0	630	2727	601	0	0	0	0	3958
YAMHILL													
Crayfish	0	0	0	0	3812	7543	394	0	0	0	0	0	11749
TOTAL													
Carp	0	0	0	0	0	0	0	0	0	0	0	0	0
Crayfish	0	0	0	371	5040	17397	12091	10815	10236	5681	0	0	61631
Mussels, Freshwater	0	0	0	0	0	0	0	11916	2083	0	0	0	13999
Lamprey, Pacific	0	0	0	0	0	2064	12119	77	0	0	0	0	14260
Shrimp, Brine	0	0	0	0	4870	11410	11020	13700	0	0	0	0	41000

Table 64. Oregon oyster production (gallons), 1985-94

Bay/Species	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
<u>Tillamook Bay</u>										
Kumomoto oyster.....	9	4	0	0	0	0	0	0	0	0
Pacific oyster.....	21,204	21,325	23,930	24,084	26,052	13,782	6,150	6,985	6,231	4,498
<u>Netarts Bay</u>										
Pacific oyster.....	40	30	36	41	216	219	2,618	1,510	1,937	1,895
<u>Yaquina Bay</u>										
Kumomoto oyster.....	0	0	0	0	0	0	0	0	0	0
Pacific oyster.....	10,911	12,130	12,798	10,924	9,602	6,570	10,350	11,008	6,634	9,049
<u>Coos Bay</u>										
Pacific oyster.....	5,270	3,065	3,942	3,400	4,115	4,722	4,062	3,323	4,645	6,155
TOTAL	37,434	36,554	40,706	38,449	39,985	25,293	23,180	22,826	19,447	21,597

SOURCE: Oregon Department of Agriculture

APPENDIX

1994 Personal Income Contribution of the Commercial Fishing and Processing Industry to Communities on the Oregon Coast and to Oregon's Economy

An economic input/output (I/O) model can be used to estimate the total economic impact or contribution of an industry. Separate I/O models for each coastal area and for the State of Oregon were used to estimate the total (direct, indirect and induced) personal income derived from the commercial fishing industry in Oregon.

A total of \$180 million in personal income was generated in all Oregon coastal communities as a result of commercial fishing and processing activities, including income returned to Oregon by residents who fish in distant water fisheries. Because a portion of the dollars generated "leak out" of the coastal economy, the estimated statewide total personal income received by Oregon residents amounted to nearly \$215 million.

Although the commercial fishing industry provides somewhat less than one percent of total Oregon earned income, it is extremely important to the coastal economy, providing about 11 percent of coastal earned income in 1994. Table 1 is a summary of the personal income contribution of the industry to coastal areas and the state.

The trend in the personal income impact of the commercial fishing and processing industry is shown in Table 2. The table summarizes the impact of fish and shellfish landed and processed in Oregon at the state level and for coastal areas from 1986 through 1994 expressed in 1994 dollars.

Table 1. Personal Income Contribution of the Oregon Commercial Fishing and Processing Industry to Oregon Coastal Communities and to Oregon, 1994. (Millions of Dollars) 1/ 2/

Source	Astoria and Columbia R. Area	Tillamook Area	Newport Area	Coos Bay Area	Brookings Area	All Coastal Communities	Total State Level Impact
Fish Landed and Processed in Oregon	\$38.3	\$3.3	\$39.0	\$23.6	\$14.1	\$118.3	\$139.3
Income Returned from Distant Water Fisheries	\$13.8	\$1.9	\$40.5	\$4.8	\$0.9	\$61.9	\$75.4
Total	\$52.1	\$5.2	\$79.5	\$28.4	\$15.0	\$180.2	\$214.7
Percent of Total Personal Income 3/	8.2%	1.5%	11.2%	2.7%	4.2%	5.8%	0.36%
Percent of Total Earned Income 4/	13.2%	2.9%	21.3%	4.9%	9.4%	10.7%	0.55%
1/ Estimates by Hans Radtke (Consulting Economist) and Chris Carter (Staff Economist) with some data provided by the Oregon State University Sea Grant Extension Agents. The personal income impact estimates are calculated with the Commercial Fisheries Economic Assessment Model developed by William Jensen and Hans Radtke. Total personal income includes direct, indirect and induced effects.							
2/ In most cases the economic impact for areas listed includes impacts for smaller ports in the area. The Tillamook area includes Pacific City. The Newport area includes Depoe Bay. The Coos Bay area includes Florence, Reedsport and Bandon. The Brookings area includes Port Orford and Gold Beach.							
3/ Computed as total income generated directly and indirectly by the commercial fishing and processing industry divided by total income from all sources. Total income from all sources is based on personal income estimates from the U.S. Department of Commerce, Bureau of Economic Analysis. Personal income is the sum of wages and salaries, other labor income, proprietors' income, personal dividend income, personal interest income and transfer payments less personal contributions for social security. Estimates for Coos Bay area are slightly overstated due to inclusion of Reedsport/Winchester Bay and Florence impacts in comparison to Coos County personal income.							
4/ Computed as total income generated directly and indirectly by the commercial fishing and processing industry divided by total earned income as represented by estimated net earnings by place of residence, which does not include personal contributions for social insurance. Earned income does not include transfer payments, dividends, interest or rent.							

**Table 2. Personal Income Contribution from Fish and Shellfish Landed and Processed in Oregon
to Oregon Coastal Communities and to Oregon, 1986 - 1994.
(Millions of Dollars adjusted to 1994 Basis) 1/ 2/ 3/**

YEAR	Astoria and Columbia R. Area	Tillamook Area	Newport Area	Coos Bay Area	Brookings Area	All Coastal Communities	Total State Level Impact
1986	\$66.6	\$9.7	\$34.9	\$35.3	\$7.7	\$154.2	\$221.6
1987	\$99.2	\$13.7	\$57.8	\$63.8	\$11.9	\$246.4	\$317.0
1988	\$82.9	\$13.0	\$52.9	\$54.3	\$16.0	\$219.2	\$290.2
1989	\$68.6	\$9.3	\$46.8	\$74.5	\$19.1	\$218.2	\$217.0
1990	\$48.5	\$5.4	\$28.9	\$38.4	\$18.1	\$139.3	\$179.5
1991	\$35.8	\$5.1	\$27.1	\$20.9	\$10.6	\$99.4	\$143.7
1992	\$40.8	\$4.9	\$47.4	\$31.9	\$15.9	\$140.9	\$170.0
1993	\$39.6	\$5.3	\$33.0	\$24.2	\$10.0	\$112.2	\$135.7
1994	\$38.3	\$3.3	\$39.0	\$23.6	\$14.1	\$118.3	\$139.3
1/ Estimates by Hans Radtke (Consulting Economist) and Chris Carter (Staff Economist). Estimates include only the impact of fish landed in Oregon. Distant water fisheries income is not included. The personal income impact estimates are calculated with the Commercial Fisheries Economic Assessment Model developed by William Jensen and Hans Radtke. Total personal income includes direct, indirect and induced effects.							
2/ In most cases the economic impact for areas listed includes impacts for smaller ports in the area. The Tillamook area includes Pacific City. The Newport area includes Depoe Bay. The Coos Bay area includes Florence, Reedsport and Bandon. The Brookings area includes Port Orford and Gold Beach.							
3/ Adjustment to 1994 dollars made with the Implicit Price Deflator for Gross Domestic Product. (Economic Report of the President, US Government Printing Office.)							